



BARGE "KIRBY 11346"

ULLAGE TRIM TABLE
FORMERLY "CGBM 123"

	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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
2 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8

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

LENGTH BETWEEN DRAFT MARKS: 170'-09"

March 27, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 11346"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 123"

GAUGE HEIGHT 17'-07 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	3,520.18	0	3,281.15	0	3,040.83	0	2,800.51	0	2,559.51	0	2,316.95	0	2,074.43
1/4		1/4		1/4		1/4	3,515.25	1/4	3,276.14	1/4	3,035.82	1/4	2,795.51	1/4	2,554.44	1/4	2,311.90	1/4	2,069.37
1/2		1/2		1/2		1/2	3,510.32	1/2	3,271.13	1/2	3,030.82	1/2	2,790.50	1/2	2,549.36	1/2	2,306.86	1/2	2,064.31
3/4		3/4		3/4		3/4	3,505.39	3/4	3,266.13	3/4	3,025.81	3/4	2,785.49	3/4	2,544.29	3/4	2,301.81	3/4	2,059.24
1		1		1		1	3,500.45	1	3,261.12	1	3,020.80	1	2,780.49	1	2,539.21	1	2,296.76	1	2,054.18
1/4		1/4		1/4		1/4	3,495.51	1/4	3,256.11	1/4	3,015.80	1/4	2,775.48	1/4	2,534.14	1/4	2,291.71	1/4	2,049.12
1/2		1/2		1/2		1/2	3,490.58	1/2	3,251.11	1/2	3,010.79	1/2	2,770.47	1/2	2,529.06	1/2	2,286.66	1/2	2,044.06
3/4		3/4		3/4		3/4	3,485.64	3/4	3,246.10	3/4	3,005.78	3/4	2,765.47	3/4	2,523.99	3/4	2,281.62	3/4	2,039.00
2		2		2		2	3,480.71	2	3,241.09	2	3,000.78	2	2,760.46	2	2,518.91	2	2,276.57	2	2,033.94
1/4		1/4		1/4		1/4	3,475.77	1/4	3,236.09	1/4	2,995.77	1/4	2,755.45	1/4	2,513.84	1/4	2,271.52	1/4	2,028.88
1/2		1/2		1/2		1/2	3,470.83	1/2	3,231.08	1/2	2,990.76	1/2	2,750.45	1/2	2,508.76	1/2	2,266.47	1/2	2,023.82
3/4		3/4		3/4		3/4	3,465.90	3/4	3,226.07	3/4	2,985.76	3/4	2,745.44	3/4	2,503.72	3/4	2,261.43	3/4	2,018.76
3		3		3		3	3,460.96	3	3,221.07	3	2,980.75	3	2,740.43	3	2,498.67	3	2,256.38	3	2,013.70
1/4		1/4		1/4		1/4	3,456.03	1/4	3,216.06	1/4	2,975.74	1/4	2,735.43	1/4	2,493.62	1/4	2,251.33	1/4	2,008.64
1/2		1/2		1/2		1/2	3,451.09	1/2	3,211.06	1/2	2,970.74	1/2	2,730.42	1/2	2,488.57	1/2	2,246.28	1/2	2,003.58
3/4		3/4		3/4		3/4	3,446.15	3/4	3,206.05	3/4	2,965.73	3/4	2,725.41	3/4	2,483.52	3/4	2,241.24	3/4	1,998.52
4		4		4		4	3,441.22	4	3,201.04	4	2,960.73	4	2,720.41	4	2,478.48	4	2,236.19	4	1,993.46
1/4		1/4		1/4		1/4	3,436.28	1/4	3,196.04	1/4	2,955.72	1/4	2,715.40	1/4	2,473.43	1/4	2,231.14	1/4	1,988.40
1/2		1/2		1/2		1/2	3,431.35	1/2	3,191.03	1/2	2,950.71	1/2	2,710.40	1/2	2,468.38	1/2	2,226.09	1/2	1,983.33
3/4		3/4		3/4		3/4	3,426.34	3/4	3,186.02	3/4	2,945.71	3/4	2,705.39	3/4	2,463.33	3/4	2,221.04	3/4	1,978.27
5		5		5		5	3,421.33	5	3,181.02	5	2,940.70	5	2,700.38	5	2,458.29	5	2,216.00	5	1,973.21
1/4		1/4		1/4		1/4	3,603.16	1/4	3,416.33	1/4	3,176.01	1/4	2,935.69	1/4	2,695.38	1/4	2,453.24	1/4	2,210.95
1/2		1/2		1/2		1/2	3,603.03	1/2	3,411.32	1/2	3,171.00	1/2	2,930.69	1/2	2,690.37	1/2	2,448.19	1/2	2,205.90
3/4		3/4		3/4		3/4	3,602.34	3/4	3,406.31	3/4	3,166.00	3/4	2,925.68	3/4	2,685.36	3/4	2,443.14	3/4	2,200.85
6		6		6		6	3,601.65	6	3,401.31	6	3,160.99	6	2,920.67	6	2,680.36	6	2,438.10	6	2,195.81
1/4		1/4		1/4		1/4	3,600.96	1/4	3,396.30	1/4	3,155.98	1/4	2,915.67	1/4	2,675.35	1/4	2,433.05	1/4	2,190.76
1/2		1/2		1/2		1/2	3,600.27	1/2	3,391.29	1/2	3,150.98	1/2	2,910.66	1/2	2,670.34	1/2	2,428.00	1/2	2,185.71
3/4		3/4		3/4		3/4	3,598.57	3/4	3,386.29	3/4	3,145.97	3/4	2,905.65	3/4	2,665.34	3/4	2,422.95	3/4	2,180.66
7		7		7		7	3,596.87	7	3,381.28	7	3,140.96	7	2,900.65	7	2,660.33	7	2,417.90	7	2,175.61
1/4		1/4		1/4		1/4	3,595.16	1/4	3,376.27	1/4	3,135.96	1/4	2,895.64	1/4	2,655.32	1/4	2,412.86	1/4	2,170.57
1/2		1/2		1/2		1/2	3,593.46	1/2	3,371.27	1/2	3,130.95	1/2	2,890.63	1/2	2,650.32	1/2	2,407.81	1/2	2,165.52
3/4		3/4		3/4		3/4	3,590.80	3/4	3,366.26	3/4	3,125.94	3/4	2,885.63	3/4	2,645.31	3/4	2,402.76	3/4	2,160.46
8		8		8		8	3,588.15	8	3,361.25	8	3,120.94	8	2,880.62	8	2,640.30	8	2,397.71	8	2,155.40
1/4		1/4		1/4		1/4	3,585.50	1/4	3,356.25	1/4	3,115.93	1/4	2,875.61	1/4	2,635.30	1/4	2,392.67	1/4	2,150.34
1/2		1/2		1/2		1/2	3,582.85	1/2	3,351.24	1/2	3,110.92	1/2	2,870.61	1/2	2,630.29	1/2	2,387.62	1/2	2,145.28
3/4		3/4		3/4		3/4	3,579.18	3/4	3,346.23	3/4	3,105.92	3/4	2,865.60	3/4	2,625.28	3/4	2,382.57	3/4	2,140.22
9		9		9		9	3,575.51	9	3,341.23	9	3,100.91	9	2,860.59	9	2,620.28	9	2,377.52	9	2,135.16
1/4		1/4		1/4		1/4	3,571.85	1/4	3,336.22	1/4	3,095.90	1/4	2,855.59	1/4	2,615.27	1/4	2,372.48	1/4	2,130.09
1/2		1/2		1/2		1/2	3,568.18	1/2	3,331.21	1/2	3,090.90	1/2	2,850.58	1/2	2,610.26	1/2	2,367.43	1/2	2,125.03
3/4		3/4		3/4		3/4	3,563.55	3/4	3,326.21	3/4	3,085.89	3/4	2,845.57	3/4	2,605.19	3/4	2,362.38	3/4	2,119.97
10		10		10		10	3,558.92	10	3,321.20	10	3,080.88	10	2,840.57	10	2,600.11	10	2,357.33	10	2,114.91
1/4		1/4		1/4		1/4	3,554.28	1/4	3,316.19	1/4	3,075.88	1/4	2,835.56	1/4	2,595.04	1/4	2,352.28	1/4	2,109.85
1/2		1/2		1/2		1/2	3,549.65	1/2	3,311.19	1/2	3,070.87	1/2	2,830.55	1/2	2,589.96	1/2	2,347.24	1/2	2,104.79
3/4		3/4		3/4		3/4	3,544.75	3/4	3,306.18	3/4	3,065.86	3/4	2,825.55	3/4	2,584.89	3/4	2,342.19	3/4	2,099.73
11		11		11		11	3,539.84	11	3,301.17	11	3,060.86	11	2,820.54	11	2,579.81	11	2,337.14	11	2,094.67
1/4		1/4		1/4		1/4	3,534.94	1/4	3,296.17	1/4	3,055.85	1/4	2,815.53	1/4	2,574.74	1/4	2,332.09	1/4	2,089.61
1/2		1/2		1/2		1/2	3,530.03	1/2	3,291.16	1/2	3,050.84	1/2	2,810.53	1/2	2,569.66	1/2	2,327.05	1/2	2,084.55
3/4		3/4		3/4		3/4	3,525.10	3/4	3,286.15	3/4	3,045.84	3/4	2,805.52	3/4	2,564.59	3/4	2,322.00	3/4	2,079.49

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 24'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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 Pearland, Texas 77588
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BARGE "KIRBY 11346"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 123"

GAUGE HEIGHT 17'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,831.51	0	1,589.86	0	1,348.66	0	1,105.83	0	862.98	0	620.13	0	386.66	0	144.74	0		0	
1/4	1,826.45	1/4	1,584.87	1/4	1,343.61	1/4	1,100.77	1/4	857.92	1/4	615.07	1/4	381.88	1/4	139.66	1/4		1/4	
1/2	1,821.39	1/2	1,579.87	1/2	1,338.55	1/2	1,095.71	1/2	852.86	1/2	610.01	1/2	377.10	1/2	134.59	1/2		1/2	
3/4	1,816.33	3/4	1,574.88	3/4	1,333.49	3/4	1,090.65	3/4	847.80	3/4	604.96	3/4	372.29	3/4	129.51	3/4		3/4	
1	1,811.27	1	1,569.89	1	1,328.43	1	1,085.59	1	842.74	1	599.90	1	367.49	1	124.44	1		1	
1/4	1,806.21	1/4	1,564.90	1/4	1,323.38	1/4	1,080.53	1/4	837.68	1/4	594.84	1/4	362.68	1/4	119.36	1/4		1/4	
1/2	1,801.15	1/2	1,559.91	1/2	1,318.32	1/2	1,075.47	1/2	832.62	1/2	589.78	1/2	357.87	1/2	114.29	1/2		1/2	
3/4	1,796.09	3/4	1,554.92	3/4	1,313.26	3/4	1,070.41	3/4	827.56	3/4	584.72	3/4	352.80	3/4	109.23	3/4		3/4	
2	1,791.03	2	1,549.93	2	1,308.20	2	1,065.35	2	822.50	2	579.66	2	347.72	2	104.17	2		2	
1/4	1,785.97	1/4	1,544.94	1/4	1,303.14	1/4	1,060.29	1/4	817.45	1/4	574.60	1/4	342.65	1/4	99.11	1/4		1/4	
1/2	1,780.91	1/2	1,539.95	1/2	1,298.08	1/2	1,055.23	1/2	812.39	1/2	569.54	1/2	337.57	1/2	94.05	1/2		1/2	
3/4	1,775.85	3/4	1,534.96	3/4	1,293.02	3/4	1,050.17	3/4	807.33	3/4	564.48	3/4	332.50	3/4	89.11	3/4		3/4	
3	1,770.78	3	1,529.97	3	1,287.96	3	1,045.11	3	802.27	3	559.42	3	327.42	3	84.16	3		3	
1/4	1,765.72	1/4	1,524.97	1/4	1,282.90	1/4	1,040.05	1/4	797.21	1/4	554.36	1/4	322.35	1/4	79.21	1/4		1/4	
1/2	1,760.66	1/2	1,519.98	1/2	1,277.84	1/2	1,035.00	1/2	792.15	1/2	549.30	1/2	317.27	1/2	74.27	1/2		1/2	
3/4	1,755.60	3/4	1,514.99	3/4	1,272.78	3/4	1,029.94	3/4	787.09	3/4	544.24	3/4	312.20	3/4	69.45	3/4		3/4	
4	1,750.54	4	1,510.00	4	1,267.72	4	1,024.88	4	782.03	4	539.18	4	307.12	4	64.64	4		4	
1/4	1,745.48	1/4	1,505.01	1/4	1,262.66	1/4	1,019.82	1/4	776.97	1/4	534.12	1/4	302.05	1/4	59.83	1/4		1/4	
1/2	1,740.42	1/2	1,500.02	1/2	1,257.60	1/2	1,014.76	1/2	771.91	1/2	529.06	1/2	296.98	1/2	55.02	1/2		1/2	
3/4	1,735.36	3/4	1,495.03	3/4	1,252.55	3/4	1,009.70	3/4	766.85	3/4	524.00	3/4	291.90	3/4	50.35	3/4		3/4	
5	1,730.30	5	1,490.04	5	1,247.49	5	1,004.64	5	761.79	5	519.04	5	286.83	5	45.67	5		5	
1/4	1,725.24	1/4	1,485.05	1/4	1,242.43	1/4	999.58	1/4	756.73	1/4	514.08	1/4	281.75	1/4	41.00	1/4		1/4	
1/2	1,720.18	1/2	1,480.06	1/2	1,237.37	1/2	994.52	1/2	751.67	1/2	509.02	1/2	276.68	1/2	36.33	1/2		1/2	
3/4	1,715.12	3/4	1,475.00	3/4	1,232.31	3/4	989.46	3/4	746.62	3/4	503.96	3/4	271.60	3/4	31.82	3/4		3/4	
6	1,710.06	6	1,469.94	6	1,227.25	6	984.40	6	741.56	6	498.90	6	266.53	6	27.30	6		6	
1/4	1,705.00	1/4	1,464.89	1/4	1,222.19	1/4	979.34	1/4	736.50	1/4	493.84	1/4	261.45	1/4	22.78	1/4		1/4	
1/2	1,699.94	1/2	1,459.83	1/2	1,217.13	1/2	974.28	1/2	731.44	1/2	488.78	1/2	256.38	1/2	18.26	1/2		1/2	
3/4	1,694.87	3/4	1,454.78	3/4	1,212.07	3/4	969.22	3/4	726.38	3/4	483.72	3/4	251.30	3/4	13.92	3/4		3/4	
7	1,689.81	7	1,449.73	7	1,207.01	7	964.17	7	721.32	7	478.66	7	246.23	7	9.58	7		7	
1/4	1,684.75	1/4	1,444.67	1/4	1,201.95	1/4	959.11	1/4	716.26	1/4	473.60	1/4	241.15	1/4	5.24	1/4		1/4	
1/2	1,679.69	1/2	1,439.62	1/2	1,196.89	1/2	954.05	1/2	711.20	1/2	468.54	1/2	236.08	1/2	0.90	1/2		1/2	
3/4	1,674.70	3/4	1,434.57	3/4	1,191.83	3/4	948.99	3/4	706.14	3/4	463.48	3/4	231.01	3/4		3/4		3/4	
8	1,669.71	8	1,429.51	8	1,186.77	8	943.93	8	701.08	8	458.42	8	225.93	8		8		8	
1/4	1,664.72	1/4	1,424.46	1/4	1,181.72	1/4	938.87	1/4	696.02	1/4	453.36	1/4	220.86	1/4		1/4		1/4	
1/2	1,659.73	1/2	1,419.41	1/2	1,176.66	1/2	933.81	1/2	690.96	1/2	448.30	1/2	215.78	1/2		1/2		1/2	
3/4	1,654.74	3/4	1,414.36	3/4	1,171.60	3/4	928.75	3/4	685.90	3/4	443.24	3/4	210.71	3/4		3/4		3/4	
9	1,649.75	9	1,409.30	9	1,166.54	9	923.69	9	680.84	9	438.18	9	205.63	9		9		9	
1/4	1,644.76	1/4	1,404.25	1/4	1,161.48	1/4	918.63	1/4	675.79	1/4	433.12	1/4	200.56	1/4		1/4		1/4	
1/2	1,639.77	1/2	1,399.20	1/2	1,156.42	1/2	913.57	1/2	670.73	1/2	428.06	1/2	195.48	1/2		1/2		1/2	
3/4	1,634.77	3/4	1,394.14	3/4	1,151.36	3/4	908.51	3/4	665.67	3/4	423.00	3/4	190.41	3/4		3/4		3/4	
10	1,629.78	10	1,389.09	10	1,146.30	10	903.45	10	660.61	10	417.94	10	185.33	10		10		10	
1/4	1,624.79	1/4	1,384.04	1/4	1,141.24	1/4	898.39	1/4	655.55	1/4	412.88	1/4	180.26	1/4		1/4		1/4	
1/2	1,619.80	1/2	1,378.98	1/2	1,136.18	1/2	893.34	1/2	650.49	1/2	407.82	1/2	175.19	1/2		1/2		1/2	
3/4	1,614.81	3/4	1,373.93	3/4	1,131.12	3/4	888.28	3/4	645.43	3/4	402.76	3/4	170.11	3/4		3/4		3/4	
11	1,609.82	11	1,368.88	11	1,126.06	11	883.22	11	640.37	11	397.70	11	165.04	11		11		11	
1/4	1,604.83	1/4	1,363.83	1/4	1,121.00	1/4	878.16	1/4	635.31	1/4	392.64	1/4	159.96	1/4		1/4		1/4	
1/2	1,599.84	1/2	1,358.77	1/2	1,115.94	1/2	873.10	1/2	630.25	1/2	387.58	1/2	154.89	1/2		1/2		1/2	
3/4	1,594.85	3/4	1,353.72	3/4	1,110.89	3/4	868.04	3/4	625.19	3/4	382.52	3/4	149.81	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/25/2014 SW CL
RECALCULATED: 03/29/2024 JS
NAME CHANGE : 03/29/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024



BARGE "KIRBY 11346"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 123"

GAUGE HEIGHT 17'-07 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	4,047.41	0	3,772.16	0	3,495.12	0	3,218.09	0	2,941.05	0	2,664.01	0	2,386.98
1/4		1/4		1/4		1/4	4,041.74	1/4	3,766.39	1/4	3,489.35	1/4	3,212.32	1/4	2,935.28	1/4	2,658.24	1/4	2,381.21
1/2		1/2		1/2		1/2	4,036.07	1/2	3,760.62	1/2	3,483.58	1/2	3,206.54	1/2	2,929.51	1/2	2,652.47	1/2	2,375.43
3/4		3/4		3/4		3/4	4,030.40	3/4	3,754.85	3/4	3,477.81	3/4	3,200.77	3/4	2,923.74	3/4	2,646.70	3/4	2,369.66
1		1		1		1	4,024.72	1	3,749.08	1	3,472.04	1	3,195.00	1	2,917.96	1	2,640.93	1	2,363.89
1/4		1/4		1/4		1/4	4,019.04	1/4	3,743.30	1/4	3,466.27	1/4	3,189.23	1/4	2,912.19	1/4	2,635.16	1/4	2,358.12
1/2		1/2		1/2		1/2	4,013.37	1/2	3,737.53	1/2	3,460.50	1/2	3,183.46	1/2	2,906.42	1/2	2,629.38	1/2	2,352.35
3/4		3/4		3/4		3/4	4,007.69	3/4	3,731.76	3/4	3,454.72	3/4	3,177.69	3/4	2,900.65	3/4	2,623.61	3/4	2,346.58
2		2		2		2	4,002.01	2	3,725.99	2	3,448.95	2	3,171.92	2	2,894.88	2	2,617.84	2	2,340.80
1/4		1/4		1/4		1/4	3,996.33	1/4	3,720.22	1/4	3,443.18	1/4	3,166.14	1/4	2,889.11	1/4	2,612.07	1/4	2,335.03
1/2		1/2		1/2		1/2	3,990.65	1/2	3,714.45	1/2	3,437.41	1/2	3,160.37	1/2	2,883.34	1/2	2,606.30	1/2	2,329.26
3/4		3/4		3/4		3/4	3,984.97	3/4	3,708.67	3/4	3,431.64	3/4	3,154.60	3/4	2,877.56	3/4	2,600.53	3/4	2,323.49
3		3		3		3	3,979.29	3	3,702.90	3	3,425.87	3	3,148.83	3	2,871.79	3	2,594.76	3	2,317.72
1/4		1/4		1/4		1/4	3,973.61	1/4	3,697.13	1/4	3,420.09	1/4	3,143.06	1/4	2,866.02	1/4	2,588.98	1/4	2,311.95
1/2		1/2		1/2		1/2	3,967.93	1/2	3,691.36	1/2	3,414.32	1/2	3,137.29	1/2	2,860.25	1/2	2,583.21	1/2	2,306.18
3/4		3/4		3/4		3/4	3,962.25	3/4	3,685.59	3/4	3,408.55	3/4	3,131.51	3/4	2,854.48	3/4	2,577.44	3/4	2,300.40
4		4		4		4	3,956.58	4	3,679.82	4	3,402.78	4	3,125.74	4	2,848.71	4	2,571.67	4	2,294.63
1/4		1/4		1/4		1/4	3,950.90	1/4	3,674.04	1/4	3,397.01	1/4	3,119.97	1/4	2,842.93	1/4	2,565.90	1/4	2,288.86
1/2		1/2		1/2		1/2	3,945.22	1/2	3,668.27	1/2	3,391.24	1/2	3,114.20	1/2	2,837.16	1/2	2,560.13	1/2	2,283.09
3/4		3/4		3/4		3/4	3,939.54	3/4	3,662.50	3/4	3,385.46	3/4	3,108.43	3/4	2,831.39	3/4	2,554.35	3/4	2,277.32
5		5		5		5	3,933.77	5	3,656.73	5	3,379.69	5	3,102.66	5	2,825.62	5	2,548.58	5	2,271.55
1/4		1/4		1/4		1/4	3,927.99	1/4	3,650.96	1/4	3,373.92	1/4	3,096.88	1/4	2,819.85	1/4	2,542.81	1/4	2,265.77
1/2		1/2		1/2	4,137.19	1/2	3,922.22	1/2	3,645.19	1/2	3,368.15	1/2	3,091.11	1/2	2,814.08	1/2	2,537.04	1/2	2,260.00
3/4		3/4		3/4	4,137.05	3/4	3,916.45	3/4	3,639.41	3/4	3,362.38	3/4	3,085.34	3/4	2,808.30	3/4	2,531.27	3/4	2,254.23
6		6		6	4,136.27	6	3,910.68	6	3,633.64	6	3,356.61	6	3,079.57	6	2,802.53	6	2,525.50	6	2,248.46
1/4		1/4		1/4	4,135.50	1/4	3,904.91	1/4	3,627.87	1/4	3,350.83	1/4	3,073.80	1/4	2,796.76	1/4	2,519.72	1/4	2,242.69
1/2		1/2		1/2	4,134.73	1/2	3,899.14	1/2	3,622.10	1/2	3,345.06	1/2	3,068.03	1/2	2,790.99	1/2	2,513.95	1/2	2,236.92
3/4		3/4		3/4	4,133.96	3/4	3,893.37	3/4	3,616.33	3/4	3,339.29	3/4	3,062.25	3/4	2,785.22	3/4	2,508.18	3/4	2,231.14
7		7		7	4,132.03	7	3,887.59	7	3,610.56	7	3,333.52	7	3,056.48	7	2,779.45	7	2,502.41	7	2,225.37
1/4		1/4		1/4	4,130.11	1/4	3,881.82	1/4	3,604.79	1/4	3,327.75	1/4	3,050.71	1/4	2,773.67	1/4	2,496.64	1/4	2,219.60
1/2		1/2		1/2	4,128.18	1/2	3,876.05	1/2	3,599.01	1/2	3,321.98	1/2	3,044.94	1/2	2,767.90	1/2	2,490.87	1/2	2,213.83
3/4		3/4		3/4	4,126.25	3/4	3,870.28	3/4	3,593.24	3/4	3,316.21	3/4	3,039.17	3/4	2,762.13	3/4	2,485.09	3/4	2,208.06
8		8		8	4,123.17	8	3,864.51	8	3,587.47	8	3,310.43	8	3,033.40	8	2,756.36	8	2,479.32	8	2,202.29
1/4		1/4		1/4	4,120.09	1/4	3,858.74	1/4	3,581.70	1/4	3,304.66	1/4	3,027.63	1/4	2,750.59	1/4	2,473.55	1/4	2,196.51
1/2		1/2		1/2	4,117.01	1/2	3,852.96	1/2	3,575.93	1/2	3,298.89	1/2	3,021.85	1/2	2,744.82	1/2	2,467.78	1/2	2,190.74
3/4		3/4		3/4	4,113.93	3/4	3,847.19	3/4	3,570.16	3/4	3,293.12	3/4	3,016.08	3/4	2,739.05	3/4	2,462.01	3/4	2,184.97
9		9		9	4,109.69	9	3,841.42	9	3,564.38	9	3,287.35	9	3,010.31	9	2,733.27	9	2,456.24	9	2,179.20
1/4		1/4		1/4	4,105.46	1/4	3,835.65	1/4	3,558.61	1/4	3,281.58	1/4	3,004.54	1/4	2,727.50	1/4	2,450.47	1/4	2,173.43
1/2		1/2		1/2	4,101.22	1/2	3,829.88	1/2	3,552.84	1/2	3,275.80	1/2	2,998.77	1/2	2,721.73	1/2	2,444.69	1/2	2,167.66
3/4		3/4		3/4	4,096.99	3/4	3,824.11	3/4	3,547.07	3/4	3,270.03	3/4	2,993.00	3/4	2,715.96	3/4	2,438.92	3/4	2,161.89
10		10		10	4,091.65	10	3,818.33	10	3,541.30	10	3,264.26	10	2,987.22	10	2,710.19	10	2,433.15	10	2,156.11
1/4		1/4		1/4	4,086.32	1/4	3,812.56	1/4	3,535.53	1/4	3,258.49	1/4	2,981.45	1/4	2,704.42	1/4	2,427.38	1/4	2,150.34
1/2		1/2		1/2	4,080.99	1/2	3,806.79	1/2	3,529.75	1/2	3,252.72	1/2	2,975.68	1/2	2,698.64	1/2	2,421.61	1/2	2,144.57
3/4		3/4		3/4	4,075.65	3/4	3,801.02	3/4	3,523.98	3/4	3,246.95	3/4	2,969.91	3/4	2,692.87	3/4	2,415.84	3/4	2,138.80
11		11		11	4,070.01	11	3,795.25	11	3,518.21	11	3,241.17	11	2,964.14	11	2,687.10	11	2,410.06	11	2,133.03
1/4		1/4		1/4	4,064.37	1/4	3,789.48	1/4	3,512.44	1/4	3,235.40	1/4	2,958.37	1/4	2,681.33	1/4	2,404.29	1/4	2,127.26
1/2		1/2		1/2	4,058.72	1/2	3,783.70	1/2	3,506.67	1/2	3,229.63	1/2	2,952.59	1/2	2,675.56	1/2	2,398.52	1/2	2,121.48
3/4		3/4		3/4	4,053.08	3/4	3,777.93	3/4	3,500.90	3/4	3,223.86	3/4	2,946.82	3/4	2,669.79	3/4	2,392.75	3/4	2,115.71

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 30'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 11346"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 123"

GAUGE HEIGHT 17'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,109.94	0	1,832.90	0	1,555.87	0	1,278.83	0	1,001.79	0	724.76	0	454.33	0	178.70	0		0	
1/4	2,104.17	1/4	1,827.13	1/4	1,550.10	1/4	1,273.06	1/4	996.02	1/4	718.99	1/4	448.76	1/4	172.93	1/4		1/4	
1/2	2,098.40	1/2	1,821.36	1/2	1,544.32	1/2	1,267.29	1/2	990.25	1/2	713.21	1/2	443.20	1/2	167.16	1/2		1/2	
3/4	2,092.63	3/4	1,815.59	3/4	1,538.55	3/4	1,261.52	3/4	984.48	3/4	707.44	3/4	437.63	3/4	161.39	3/4		3/4	
1	2,086.85	1	1,809.82	1	1,532.78	1	1,255.74	1	978.71	1	701.67	1	432.05	1	155.62	1		1	
1/4	2,081.08	1/4	1,804.05	1/4	1,527.01	1/4	1,249.97	1/4	972.94	1/4	695.90	1/4	426.48	1/4	149.85	1/4		1/4	
1/2	2,075.31	1/2	1,798.27	1/2	1,521.24	1/2	1,244.20	1/2	967.16	1/2	690.13	1/2	420.90	1/2	144.07	1/2		1/2	
3/4	2,069.54	3/4	1,792.50	3/4	1,515.47	3/4	1,238.43	3/4	961.39	3/4	684.36	3/4	415.33	3/4	138.30	3/4		3/4	
2	2,063.77	2	1,786.73	2	1,509.69	2	1,232.66	2	955.62	2	678.58	2	409.56	2	132.53	2		2	
1/4	2,058.00	1/4	1,780.96	1/4	1,503.92	1/4	1,226.89	1/4	949.85	1/4	672.81	1/4	403.79	1/4	126.76	1/4		1/4	
1/2	2,052.22	1/2	1,775.19	1/2	1,498.15	1/2	1,221.11	1/2	944.08	1/2	667.04	1/2	398.02	1/2	120.99	1/2		1/2	
3/4	2,046.45	3/4	1,769.42	3/4	1,492.38	3/4	1,215.34	3/4	938.31	3/4	661.27	3/4	392.24	3/4	115.21	3/4		3/4	
3	2,040.68	3	1,763.64	3	1,486.61	3	1,209.57	3	932.53	3	655.50	3	386.47	3	109.45	3		3	
1/4	2,034.91	1/4	1,757.87	1/4	1,480.84	1/4	1,203.80	1/4	926.76	1/4	649.73	1/4	380.70	1/4	103.68	1/4		1/4	
1/2	2,029.14	1/2	1,752.10	1/2	1,475.06	1/2	1,198.03	1/2	920.99	1/2	643.95	1/2	374.93	1/2	97.92	1/2		1/2	
3/4	2,023.37	3/4	1,746.33	3/4	1,469.29	3/4	1,192.26	3/4	915.22	3/4	638.18	3/4	369.16	3/4	92.15	3/4		3/4	
4	2,017.60	4	1,740.56	4	1,463.52	4	1,186.48	4	909.45	4	632.60	4	363.39	4	86.40	4		4	
1/4	2,011.82	1/4	1,734.79	1/4	1,457.75	1/4	1,180.71	1/4	903.68	1/4	627.02	1/4	357.62	1/4	80.65	1/4		1/4	
1/2	2,006.05	1/2	1,729.02	1/2	1,451.98	1/2	1,174.94	1/2	897.90	1/2	621.44	1/2	351.84	1/2	74.89	1/2		1/2	
3/4	2,000.28	3/4	1,723.24	3/4	1,446.21	3/4	1,169.17	3/4	892.13	3/4	615.86	3/4	346.07	3/4	69.14	3/4		3/4	
5	1,994.51	5	1,717.47	5	1,440.44	5	1,163.40	5	886.36	5	610.29	5	340.30	5	63.41	5		5	
1/4	1,988.74	1/4	1,711.70	1/4	1,434.66	1/4	1,157.63	1/4	880.59	1/4	604.72	1/4	334.53	1/4	57.68	1/4		1/4	
1/2	1,982.97	1/2	1,705.93	1/2	1,428.89	1/2	1,151.86	1/2	874.82	1/2	599.14	1/2	328.76	1/2	51.95	1/2		1/2	
3/4	1,977.19	3/4	1,700.16	3/4	1,423.12	3/4	1,146.08	3/4	869.05	3/4	593.57	3/4	322.99	3/4	46.22	3/4		3/4	
6	1,971.42	6	1,694.39	6	1,417.35	6	1,140.31	6	863.28	6	588.00	6	317.22	6	40.52	6		6	
1/4	1,965.65	1/4	1,688.61	1/4	1,411.58	1/4	1,134.54	1/4	857.50	1/4	582.43	1/4	311.44	1/4	34.83	1/4		1/4	
1/2	1,959.88	1/2	1,682.84	1/2	1,405.81	1/2	1,128.77	1/2	851.73	1/2	576.86	1/2	305.67	1/2	29.13	1/2		1/2	
3/4	1,954.11	3/4	1,677.07	3/4	1,400.03	3/4	1,123.00	3/4	845.96	3/4	571.29	3/4	299.90	3/4	23.43	3/4		3/4	
7	1,948.34	7	1,671.30	7	1,394.26	7	1,117.23	7	840.19	7	565.72	7	294.13	7	17.80	7		7	
1/4	1,942.56	1/4	1,665.53	1/4	1,388.49	1/4	1,111.45	1/4	834.42	1/4	560.15	1/4	288.36	1/4	12.16	1/4		1/4	
1/2	1,936.79	1/2	1,659.76	1/2	1,382.72	1/2	1,105.68	1/2	828.65	1/2	554.58	1/2	282.59	1/2	6.53	1/2		1/2	
3/4	1,931.02	3/4	1,653.98	3/4	1,376.95	3/4	1,099.91	3/4	822.87	3/4	549.01	3/4	276.82	3/4		3/4		3/4	
8	1,925.25	8	1,648.21	8	1,371.18	8	1,094.14	8	817.10	8	543.44	8	271.04	8		8		8	
1/4	1,919.48	1/4	1,642.44	1/4	1,365.40	1/4	1,088.37	1/4	811.33	1/4	537.87	1/4	265.27	1/4		1/4		1/4	
1/2	1,913.71	1/2	1,636.67	1/2	1,359.63	1/2	1,082.60	1/2	805.56	1/2	532.30	1/2	259.50	1/2		1/2		1/2	
3/4	1,907.93	3/4	1,630.90	3/4	1,353.86	3/4	1,076.82	3/4	799.79	3/4	526.74	3/4	253.73	3/4		3/4		3/4	
9	1,902.16	9	1,625.13	9	1,348.09	9	1,071.05	9	794.02	9	521.17	9	247.96	9		9		9	
1/4	1,896.39	1/4	1,619.35	1/4	1,342.32	1/4	1,065.28	1/4	788.24	1/4	515.60	1/4	242.19	1/4		1/4		1/4	
1/2	1,890.62	1/2	1,613.58	1/2	1,336.55	1/2	1,059.51	1/2	782.47	1/2	510.03	1/2	236.42	1/2		1/2		1/2	
3/4	1,884.85	3/4	1,607.81	3/4	1,330.77	3/4	1,053.74	3/4	776.70	3/4	504.46	3/4	230.64	3/4		3/4		3/4	
10	1,879.08	10	1,602.04	10	1,325.00	10	1,047.97	10	770.93	10	498.89	10	224.87	10		10		10	
1/4	1,873.31	1/4	1,596.27	1/4	1,319.23	1/4	1,042.19	1/4	765.16	1/4	493.32	1/4	219.10	1/4		1/4		1/4	
1/2	1,867.53	1/2	1,590.50	1/2	1,313.46	1/2	1,036.42	1/2	759.39	1/2	487.75	1/2	213.33	1/2		1/2		1/2	
3/4	1,861.76	3/4	1,584.73	3/4	1,307.69	3/4	1,030.65	3/4	753.61	3/4	482.18	3/4	207.56	3/4		3/4		3/4	
11	1,855.99	11	1,578.95	11	1,301.92	11	1,024.88	11	747.84	11	476.61	11	201.79	11		11		11	
1/4	1,850.22	1/4	1,573.18	1/4	1,296.15	1/4	1,019.11	1/4	742.07	1/4	471.04	1/4	196.02	1/4		1/4		1/4	
1/2	1,844.45	1/2	1,567.41	1/2	1,290.37	1/2	1,013.34	1/2	736.30	1/2	465.47	1/2	190.24	1/2		1/2		1/2	
3/4	1,838.68	3/4	1,561.64	3/4	1,284.60	3/4	1,007.57	3/4	730.53	3/4	459.90	3/4	184.47	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/25/2014 SW CL
 RECALCULATED: 03/29/2024 JS
 NAME CHANGE : 03/29/2024 JS

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/2024



BARGE "KIRBY 11346"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 123"

GAUGE HEIGHT 17'-07 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	3,645.43	0	3,397.94	0	3,148.81	0	2,899.68	0	2,650.55	0	2,401.42	0	2,152.29
1/4		1/4		1/4		1/4	3,640.34	1/4	3,392.75	1/4	3,143.62	1/4	2,894.49	1/4	2,645.36	1/4	2,396.23	1/4	2,147.10
1/2		1/2		1/2		1/2	3,635.24	1/2	3,387.56	1/2	3,138.43	1/2	2,889.30	1/2	2,640.17	1/2	2,391.04	1/2	2,141.91
3/4		3/4		3/4		3/4	3,630.14	3/4	3,382.37	3/4	3,133.24	3/4	2,884.11	3/4	2,634.98	3/4	2,385.85	3/4	2,136.72
1		1		1		1	3,625.03	1	3,377.18	1	3,128.05	1	2,878.92	1	2,629.79	1	2,380.66	1	2,131.53
1/4		1/4		1/4		1/4	3,619.93	1/4	3,371.99	1/4	3,122.86	1/4	2,873.73	1/4	2,624.60	1/4	2,375.47	1/4	2,126.34
1/2		1/2		1/2		1/2	3,614.82	1/2	3,366.80	1/2	3,117.67	1/2	2,868.54	1/2	2,619.41	1/2	2,370.28	1/2	2,121.15
3/4		3/4		3/4		3/4	3,609.71	3/4	3,361.61	3/4	3,112.48	3/4	2,863.35	3/4	2,614.22	3/4	2,365.09	3/4	2,115.96
2		2		2		2	3,604.61	2	3,356.42	2	3,107.29	2	2,858.16	2	2,609.03	2	2,359.90	2	2,110.77
1/4		1/4		1/4		1/4	3,599.50	1/4	3,351.23	1/4	3,102.10	1/4	2,852.97	1/4	2,603.84	1/4	2,354.71	1/4	2,105.58
1/2		1/2		1/2		1/2	3,594.40	1/2	3,346.04	1/2	3,096.91	1/2	2,847.78	1/2	2,598.65	1/2	2,349.52	1/2	2,100.39
3/4		3/4		3/4		3/4	3,589.29	3/4	3,340.85	3/4	3,091.72	3/4	2,842.59	3/4	2,593.46	3/4	2,344.33	3/4	2,095.20
3		3		3		3	3,584.19	3	3,335.66	3	3,086.53	3	2,837.40	3	2,588.27	3	2,339.14	3	2,090.01
1/4		1/4		1/4		1/4	3,579.09	1/4	3,330.47	1/4	3,081.34	1/4	2,832.21	1/4	2,583.08	1/4	2,333.95	1/4	2,084.82
1/2		1/2		1/2		1/2	3,573.98	1/2	3,325.28	1/2	3,076.15	1/2	2,827.02	1/2	2,577.89	1/2	2,328.76	1/2	2,079.63
3/4		3/4		3/4		3/4	3,568.88	3/4	3,320.09	3/4	3,070.96	3/4	2,821.83	3/4	2,572.70	3/4	2,323.57	3/4	2,074.44
4		4		4		4	3,563.77	4	3,314.90	4	3,065.77	4	2,816.64	4	2,567.51	4	2,318.38	4	2,069.25
1/4		1/4		1/4		1/4	3,558.67	1/4	3,309.71	1/4	3,060.58	1/4	2,811.45	1/4	2,562.32	1/4	2,313.19	1/4	2,064.06
1/2		1/2		1/2		1/2	3,553.56	1/2	3,304.52	1/2	3,055.39	1/2	2,806.26	1/2	2,557.13	1/2	2,308.00	1/2	2,058.87
3/4		3/4		3/4		3/4	3,548.46	3/4	3,299.33	3/4	3,050.20	3/4	2,801.07	3/4	2,551.94	3/4	2,302.81	3/4	2,053.68
5		5		5		5	3,543.27	5	3,294.14	5	3,045.01	5	2,795.88	5	2,546.75	5	2,297.62	5	2,048.49
1/4		1/4		1/4		1/4	3,538.08	1/4	3,288.95	1/4	3,039.82	1/4	2,790.69	1/4	2,541.56	1/4	2,292.43	1/4	2,043.30
1/2		1/2		1/2		1/2	3,726.17	1/2	3,532.89	1/2	3,283.76	1/2	3,034.63	1/2	2,785.50	1/2	2,536.37	1/2	2,287.24
3/4		3/4		3/4		3/4	3,726.04	3/4	3,527.70	3/4	3,278.57	3/4	3,029.44	3/4	2,780.31	3/4	2,531.18	3/4	2,282.05
6		6		6		6	3,725.35	6	3,522.51	6	3,273.38	6	3,024.25	6	2,775.12	6	2,525.99	6	2,276.86
1/4		1/4		1/4		1/4	3,724.65	1/4	3,517.32	1/4	3,268.19	1/4	3,019.06	1/4	2,769.93	1/4	2,520.80	1/4	2,271.67
1/2		1/2		1/2		1/2	3,723.96	1/2	3,512.13	1/2	3,263.00	1/2	3,013.87	1/2	2,764.74	1/2	2,515.61	1/2	2,266.48
3/4		3/4		3/4		3/4	3,723.26	3/4	3,506.94	3/4	3,257.81	3/4	3,008.68	3/4	2,759.55	3/4	2,510.42	3/4	2,261.29
7		7		7		7	3,721.53	7	3,501.75	7	3,252.62	7	3,003.49	7	2,754.36	7	2,505.23	7	2,256.10
1/4		1/4		1/4		1/4	3,719.80	1/4	3,496.55	1/4	3,247.43	1/4	2,998.30	1/4	2,749.17	1/4	2,500.04	1/4	2,250.91
1/2		1/2		1/2		1/2	3,718.07	1/2	3,491.36	1/2	3,242.24	1/2	2,993.11	1/2	2,743.98	1/2	2,494.85	1/2	2,245.72
3/4		3/4		3/4		3/4	3,716.33	3/4	3,486.17	3/4	3,237.04	3/4	2,987.92	3/4	2,738.79	3/4	2,489.66	3/4	2,240.53
8		8		8		8	3,713.56	8	3,480.98	8	3,231.85	8	2,982.73	8	2,733.60	8	2,484.47	8	2,235.34
1/4		1/4		1/4		1/4	3,710.79	1/4	3,475.79	1/4	3,226.66	1/4	2,977.53	1/4	2,728.41	1/4	2,479.28	1/4	2,230.15
1/2		1/2		1/2		1/2	3,708.02	1/2	3,470.60	1/2	3,221.47	1/2	2,972.34	1/2	2,723.22	1/2	2,474.09	1/2	2,224.96
3/4		3/4		3/4		3/4	3,705.25	3/4	3,465.41	3/4	3,216.28	3/4	2,967.15	3/4	2,718.02	3/4	2,468.90	3/4	2,219.77
9		9		9		9	3,701.44	9	3,460.22	9	3,211.09	9	2,961.96	9	2,712.83	9	2,463.71	9	2,214.58
1/4		1/4		1/4		1/4	3,697.63	1/4	3,455.03	1/4	3,205.90	1/4	2,956.77	1/4	2,707.64	1/4	2,458.51	1/4	2,209.39
1/2		1/2		1/2		1/2	3,693.83	1/2	3,449.84	1/2	3,200.71	1/2	2,951.58	1/2	2,702.45	1/2	2,453.32	1/2	2,204.20
3/4		3/4		3/4		3/4	3,690.02	3/4	3,444.65	3/4	3,195.52	3/4	2,946.39	3/4	2,697.26	3/4	2,448.13	3/4	2,199.00
10		10		10		10	3,685.22	10	3,439.46	10	3,190.33	10	2,941.20	10	2,692.07	10	2,442.94	10	2,193.81
1/4		1/4		1/4		1/4	3,680.42	1/4	3,434.27	1/4	3,185.14	1/4	2,936.01	1/4	2,686.88	1/4	2,437.75	1/4	2,188.62
1/2		1/2		1/2		1/2	3,675.63	1/2	3,429.08	1/2	3,179.95	1/2	2,930.82	1/2	2,681.69	1/2	2,432.56	1/2	2,183.43
3/4		3/4		3/4		3/4	3,670.83	3/4	3,423.89	3/4	3,174.76	3/4	2,925.63	3/4	2,676.50	3/4	2,427.37	3/4	2,178.24
11		11		11		11	3,665.76	11	3,418.70	11	3,169.57	11	2,920.44	11	2,671.31	11	2,422.18	11	2,173.05
1/4		1/4		1/4		1/4	3,660.68	1/4	3,413.51	1/4	3,164.38	1/4	2,915.25	1/4	2,666.12	1/4	2,416.99	1/4	2,167.86
1/2		1/2		1/2		1/2	3,655.61	1/2	3,408.32	1/2	3,159.19	1/2	2,910.06	1/2	2,660.93	1/2	2,411.80	1/2	2,162.67
3/4		3/4		3/4		3/4	3,650.53	3/4	3,403.13	3/4	3,154.00	3/4	2,904.87	3/4	2,655.74	3/4	2,406.61	3/4	2,157.48

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 24'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 11346"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 123"

GAUGE HEIGHT 17'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,903.16	0	1,654.03	0	1,404.90	0	1,155.77	0	906.64	0	657.52	0	409.68	0	160.80	0		0	
1/4	1,897.97	1/4	1,648.84	1/4	1,399.71	1/4	1,150.58	1/4	901.45	1/4	652.33	1/4	404.53	1/4	155.61	1/4		1/4	
1/2	1,892.78	1/2	1,643.65	1/2	1,394.52	1/2	1,145.39	1/2	896.26	1/2	647.13	1/2	399.38	1/2	150.42	1/2		1/2	
3/4	1,887.59	3/4	1,638.46	3/4	1,389.33	3/4	1,140.20	3/4	891.07	3/4	641.94	3/4	394.23	3/4	145.23	3/4		3/4	
1	1,882.40	1	1,633.27	1	1,384.14	1	1,135.01	1	885.88	1	636.75	1	389.07	1	140.04	1		1	
1/4	1,877.21	1/4	1,628.08	1/4	1,378.95	1/4	1,129.82	1/4	880.69	1/4	631.56	1/4	383.91	1/4	134.85	1/4		1/4	
1/2	1,872.02	1/2	1,622.89	1/2	1,373.76	1/2	1,124.63	1/2	875.50	1/2	626.37	1/2	378.75	1/2	129.66	1/2		1/2	
3/4	1,866.83	3/4	1,617.70	3/4	1,368.57	3/4	1,119.44	3/4	870.31	3/4	621.18	3/4	373.58	3/4	124.47	3/4		3/4	
2	1,861.64	2	1,612.51	2	1,363.38	2	1,114.25	2	865.12	2	615.99	2	368.39	2	119.28	2		2	
1/4	1,856.45	1/4	1,607.32	1/4	1,358.19	1/4	1,109.06	1/4	859.93	1/4	610.80	1/4	363.20	1/4	114.09	1/4		1/4	
1/2	1,851.26	1/2	1,602.13	1/2	1,353.00	1/2	1,103.87	1/2	854.74	1/2	605.61	1/2	358.01	1/2	108.90	1/2		1/2	
3/4	1,846.07	3/4	1,596.94	3/4	1,347.81	3/4	1,098.68	3/4	849.55	3/4	600.42	3/4	352.82	3/4	103.71	3/4		3/4	
3	1,840.88	3	1,591.75	3	1,342.62	3	1,093.49	3	844.36	3	595.25	3	347.63	3	98.52	3		3	
1/4	1,835.69	1/4	1,586.56	1/4	1,337.43	1/4	1,088.30	1/4	839.17	1/4	590.07	1/4	342.44	1/4	93.34	1/4		1/4	
1/2	1,830.50	1/2	1,581.37	1/2	1,332.24	1/2	1,083.11	1/2	833.98	1/2	584.89	1/2	337.25	1/2	88.15	1/2		1/2	
3/4	1,825.31	3/4	1,576.18	3/4	1,327.05	3/4	1,077.92	3/4	828.79	3/4	579.72	3/4	332.06	3/4	82.97	3/4		3/4	
4	1,820.12	4	1,570.99	4	1,321.86	4	1,072.73	4	823.60	4	574.55	4	326.87	4	77.79	4		4	
1/4	1,814.93	1/4	1,565.80	1/4	1,316.67	1/4	1,067.54	1/4	818.41	1/4	569.39	1/4	321.68	1/4	72.62	1/4		1/4	
1/2	1,809.74	1/2	1,560.61	1/2	1,311.48	1/2	1,062.35	1/2	813.22	1/2	564.22	1/2	316.49	1/2	67.45	1/2		1/2	
3/4	1,804.55	3/4	1,555.42	3/4	1,306.29	3/4	1,057.16	3/4	808.03	3/4	559.06	3/4	311.30	3/4	62.28	3/4		3/4	
5	1,799.36	5	1,550.23	5	1,301.10	5	1,051.97	5	802.84	5	553.90	5	306.11	5	57.12	5		5	
1/4	1,794.17	1/4	1,545.04	1/4	1,295.91	1/4	1,046.78	1/4	797.65	1/4	548.73	1/4	300.92	1/4	51.97	1/4		1/4	
1/2	1,788.98	1/2	1,539.85	1/2	1,290.72	1/2	1,041.59	1/2	792.46	1/2	543.57	1/2	295.73	1/2	46.82	1/2		1/2	
3/4	1,783.79	3/4	1,534.66	3/4	1,285.53	3/4	1,036.40	3/4	787.27	3/4	538.41	3/4	290.54	3/4	41.66	3/4		3/4	
6	1,778.60	6	1,529.47	6	1,280.34	6	1,031.21	6	782.08	6	533.26	6	285.35	6	36.54	6		6	
1/4	1,773.41	1/4	1,524.28	1/4	1,275.15	1/4	1,026.02	1/4	776.89	1/4	528.11	1/4	280.16	1/4	31.42	1/4		1/4	
1/2	1,768.22	1/2	1,519.09	1/2	1,269.96	1/2	1,020.83	1/2	771.70	1/2	522.96	1/2	274.97	1/2	26.29	1/2		1/2	
3/4	1,763.03	3/4	1,513.90	3/4	1,264.77	3/4	1,015.64	3/4	766.51	3/4	517.81	3/4	269.78	3/4	21.17	3/4		3/4	
7	1,757.84	7	1,508.71	7	1,259.58	7	1,010.45	7	761.32	7	512.66	7	264.59	7	16.10	7		7	
1/4	1,752.65	1/4	1,503.52	1/4	1,254.39	1/4	1,005.26	1/4	756.13	1/4	507.51	1/4	259.40	1/4	11.04	1/4		1/4	
1/2	1,747.46	1/2	1,498.33	1/2	1,249.20	1/2	1,000.07	1/2	750.94	1/2	502.36	1/2	254.22	1/2	5.97	1/2		1/2	
3/4	1,742.27	3/4	1,493.14	3/4	1,244.01	3/4	994.88	3/4	745.75	3/4	497.21	3/4	249.03	3/4		3/4		3/4	
8	1,737.08	8	1,487.95	8	1,238.82	8	989.69	8	740.56	8	492.06	8	243.84	8		8		8	
1/4	1,731.89	1/4	1,482.76	1/4	1,233.63	1/4	984.50	1/4	735.37	1/4	486.92	1/4	238.65	1/4		1/4		1/4	
1/2	1,726.70	1/2	1,477.57	1/2	1,228.44	1/2	979.31	1/2	730.18	1/2	481.77	1/2	233.46	1/2		1/2		1/2	
3/4	1,721.51	3/4	1,472.38	3/4	1,223.25	3/4	974.12	3/4	724.99	3/4	476.62	3/4	228.27	3/4		3/4		3/4	
9	1,716.32	9	1,467.19	9	1,218.06	9	968.93	9	719.80	9	471.47	9	223.08	9		9		9	
1/4	1,711.13	1/4	1,462.00	1/4	1,212.87	1/4	963.74	1/4	714.61	1/4	466.32	1/4	217.89	1/4		1/4		1/4	
1/2	1,705.94	1/2	1,456.81	1/2	1,207.68	1/2	958.55	1/2	709.42	1/2	461.17	1/2	212.70	1/2		1/2		1/2	
3/4	1,700.75	3/4	1,451.62	3/4	1,202.49	3/4	953.36	3/4	704.23	3/4	456.02	3/4	207.51	3/4		3/4		3/4	
10	1,695.56	10	1,446.43	10	1,197.30	10	948.17	10	699.04	10	450.87	10	202.32	10		10		10	
1/4	1,690.37	1/4	1,441.24	1/4	1,192.11	1/4	942.98	1/4	693.85	1/4	445.72	1/4	197.13	1/4		1/4		1/4	
1/2	1,685.18	1/2	1,436.05	1/2	1,186.92	1/2	937.79	1/2	688.66	1/2	440.57	1/2	191.94	1/2		1/2		1/2	
3/4	1,679.98	3/4	1,430.86	3/4	1,181.73	3/4	932.60	3/4	683.47	3/4	435.43	3/4	186.75	3/4		3/4		3/4	
11	1,674.79	11	1,425.67	11	1,176.54	11	927.41	11	678.28	11	430.28	11	181.56	11		11		11	
1/4	1,669.60	1/4	1,420.47	1/4	1,171.35	1/4	922.22	1/4	673.09	1/4	425.13	1/4	176.37	1/4		1/4		1/4	
1/2	1,664.41	1/2	1,415.28	1/2	1,166.16	1/2	917.03	1/2	667.90	1/2	419.98	1/2	171.18	1/2		1/2		1/2	
3/4	1,659.22	3/4	1,410.09	3/4	1,160.96	3/4	911.84	3/4	662.71	3/4	414.83	3/4	165.99	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/25/2014 SW CL
RECALCULATED: 03/29/2024 JS
NAME CHANGE : 03/29/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024