



BARGE "KIRBY 11335"

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

(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 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

March 17, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11335"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 108"

GAUGE HEIGHT 17'-07 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	3,443.55	0	3,230.15	0	3,016.74	0	2,803.34	0	2,584.86	0	2,340.90	0	2,096.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,439.11	1/4	3,225.70	1/4	3,012.30	1/4	2,798.89	1/4	2,579.84	1/4	2,335.81	1/4	2,091.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,434.66	1/2	3,221.26	1/2	3,007.85	1/2	2,794.45	1/2	2,574.82	1/2	2,330.73	1/2	2,086.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,430.22	3/4	3,216.81	3/4	3,003.40	3/4	2,790.00	3/4	2,569.73	3/4	2,325.64	3/4	2,081.46
1		1		1		1	3,425.77	1	3,212.36	1	2,998.96	1	2,785.56	1	2,564.65	1	2,320.55	1	2,076.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,421.33	1/4	3,207.92	1/4	2,994.51	1/4	2,781.11	1/4	2,559.56	1/4	2,315.47	1/4	2,071.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,416.88	1/2	3,203.47	1/2	2,990.07	1/2	2,776.67	1/2	2,554.48	1/2	2,310.38	1/2	2,066.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,412.43	3/4	3,199.02	3/4	2,985.62	3/4	2,772.22	3/4	2,549.39	3/4	2,305.29	3/4	2,061.12
2		2		2		2	3,407.99	2	3,194.58	2	2,981.18	2	2,767.77	2	2,544.31	2	2,300.20	2	2,056.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,403.54	1/4	3,190.13	1/4	2,976.73	1/4	2,763.33	1/4	2,539.22	1/4	2,295.12	1/4	2,050.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,399.09	1/2	3,185.69	1/2	2,972.29	1/2	2,758.88	1/2	2,534.14	1/2	2,290.03	1/2	2,045.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,394.65	3/4	3,181.24	3/4	2,967.84	3/4	2,754.43	3/4	2,529.05	3/4	2,284.94	3/4	2,040.77
3		3		3		3	3,390.20	3	3,176.79	3	2,963.39	3	2,749.99	3	2,523.97	3	2,279.85	3	2,035.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,385.76	1/4	3,172.35	1/4	2,958.95	1/4	2,745.54	1/4	2,518.88	1/4	2,274.77	1/4	2,030.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,381.31	1/2	3,167.90	1/2	2,954.50	1/2	2,741.10	1/2	2,513.80	1/2	2,269.68	1/2	2,025.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,376.86	3/4	3,163.45	3/4	2,950.05	3/4	2,736.65	3/4	2,508.71	3/4	2,264.59	3/4	2,020.42
4		4		4		4	3,372.42	4	3,159.01	4	2,945.61	4	2,732.20	4	2,503.63	4	2,259.50	4	2,015.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,367.97	1/4	3,154.56	1/4	2,941.16	1/4	2,727.76	1/4	2,498.54	1/4	2,254.42	1/4	2,010.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,363.52	1/2	3,150.12	1/2	2,936.72	1/2	2,723.31	1/2	2,493.46	1/2	2,249.33	1/2	2,005.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,359.08	3/4	3,145.67	3/4	2,932.27	3/4	2,718.86	3/4	2,488.37	3/4	2,244.24	3/4	2,000.07
5		5		5		5	3,354.63	5	3,141.23	5	2,927.82	5	2,714.42	5	2,483.29	5	2,239.16	5	1,994.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,350.19	1/4	3,136.78	1/4	2,923.38	1/4	2,709.97	1/4	2,478.20	1/4	2,234.07	1/4	1,989.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,345.74	1/2	3,132.34	1/2	2,918.93	1/2	2,705.53	1/2	2,473.12	1/2	2,228.99	1/2	1,984.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,341.30	3/4	3,127.89	3/4	2,914.48	3/4	2,701.08	3/4	2,468.03	3/4	2,223.90	3/4	1,979.73
6		6		6		6	3,336.85	6	3,123.44	6	2,910.04	6	2,696.64	6	2,462.95	6	2,218.81	6	1,974.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,332.41	1/4	3,119.00	1/4	2,905.59	1/4	2,692.19	1/4	2,457.86	1/4	2,213.73	1/4	1,969.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,496.70	1/2	3,327.96	1/2	3,114.55	1/2	2,901.15	1/2	2,687.75	1/2	2,452.78	1/2	2,208.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,496.23	3/4	3,323.51	3/4	3,110.10	3/4	2,896.70	3/4	2,683.30	3/4	2,447.70	3/4	2,203.55
7		7		7		7	3,495.75	7	3,319.07	7	3,105.66	7	2,892.26	7	2,678.85	7	2,442.61	7	2,198.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,495.28	1/4	3,314.62	1/4	3,101.21	1/4	2,887.81	1/4	2,674.41	1/4	2,437.53	1/4	2,193.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,494.80	1/2	3,310.17	1/2	3,096.77	1/2	2,883.37	1/2	2,669.96	1/2	2,432.45	1/2	2,188.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,493.46	3/4	3,305.73	3/4	3,092.32	3/4	2,878.92	3/4	2,665.51	3/4	2,427.36	3/4	2,183.20
8		8		8		8	3,492.11	8	3,301.28	8	3,087.88	8	2,874.47	8	2,661.07	8	2,422.28	8	2,178.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,490.77	1/4	3,296.84	1/4	3,083.43	1/4	2,870.03	1/4	2,656.62	1/4	2,417.19	1/4	2,173.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,489.42	1/2	3,292.39	1/2	3,078.99	1/2	2,865.58	1/2	2,652.18	1/2	2,412.11	1/2	2,167.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,487.21	3/4	3,287.94	3/4	3,074.54	3/4	2,861.13	3/4	2,647.53	3/4	2,407.02	3/4	2,162.85
9		9		9		9	3,485.00	9	3,283.50	9	3,070.09	9	2,856.69	9	2,642.88	9	2,401.94	9	2,157.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,482.78	1/4	3,279.05	1/4	3,065.65	1/4	2,852.24	1/4	2,638.24	1/4	2,396.85	1/4	2,152.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,480.57	1/2	3,274.61	1/2	3,061.20	1/2	2,847.80	1/2	2,633.59	1/2	2,391.77	1/2	2,147.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,477.49	3/4	3,270.16	3/4	3,056.75	3/4	2,843.35	3/4	2,628.82	3/4	2,386.68	3/4	2,142.51
10		10		10		10	3,474.41	10	3,265.71	10	3,052.31	10	2,838.91	10	2,624.04	10	2,381.59	10	2,137.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,471.32	1/4	3,261.27	1/4	3,047.86	1/4	2,834.46	1/4	2,619.27	1/4	2,376.51	1/4	2,132.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,468.24	1/2	3,256.82	1/2	3,043.42	1/2	2,830.02	1/2	2,614.50	1/2	2,371.42	1/2	2,127.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,464.29	3/4	3,252.37	3/4	3,038.97	3/4	2,825.57	3/4	2,609.60	3/4	2,366.33	3/4	2,122.16
11		11		11		11	3,460.34	11	3,247.93	11	3,034.53	11	2,821.12	11	2,604.70	11	2,361.24	11	2,117.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,456.39	1/4	3,243.48	1/4	3,030.08	1/4	2,816.68	1/4	2,599.81	1/4	2,356.16	1/4	2,111.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,452.44	1/2	3,239.04	1/2	3,025.64	1/2	2,812.23	1/2	2,594.91	1/2	2,351.07	1/2	2,106.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,448.00	3/4	3,234.59	3/4	3,021.19	3/4	2,807.78	3/4	2,589.89	3/4	2,345.98	3/4	2,101.81

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

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BARGE "KIRBY 11335"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 108"

GAUGE HEIGHT 17'-07 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,852.55	0	1,608.51	0	1,364.48	0	1,120.45	0	876.47	0	632.89	0	389.05	0	144.92	0		0	
1/4	1,847.47	1/4	1,603.42	1/4	1,359.40	1/4	1,115.37	1/4	871.38	1/4	627.82	1/4	383.97	1/4	139.84	1/4		1/4	
1/2	1,842.38	1/2	1,598.34	1/2	1,354.32	1/2	1,110.29	1/2	866.30	1/2	622.75	1/2	378.88	1/2	134.75	1/2		1/2	
3/4	1,837.29	3/4	1,593.26	3/4	1,349.23	3/4	1,105.20	3/4	861.22	3/4	617.68	3/4	373.79	3/4	129.66	3/4		3/4	
1	1,832.21	1	1,588.17	1	1,344.15	1	1,100.12	1	856.13	1	612.62	1	368.70	1	124.58	1		1	
1/4	1,827.12	1/4	1,583.09	1/4	1,339.06	1/4	1,095.03	1/4	851.05	1/4	607.55	1/4	363.62	1/4	119.49	1/4		1/4	
1/2	1,822.04	1/2	1,578.01	1/2	1,333.98	1/2	1,089.95	1/2	845.97	1/2	602.49	1/2	358.53	1/2	114.41	1/2		1/2	
3/4	1,816.95	3/4	1,572.92	3/4	1,328.90	3/4	1,084.87	3/4	840.89	3/4	597.42	3/4	353.44	3/4	109.32	3/4		3/4	
2	1,811.87	2	1,567.84	2	1,323.81	2	1,079.78	2	835.80	2	592.35	2	348.36	2	104.23	2		2	
1/4	1,806.78	1/4	1,562.75	1/4	1,318.73	1/4	1,074.70	1/4	830.72	1/4	587.29	1/4	343.27	1/4	99.15	1/4		1/4	
1/2	1,801.70	1/2	1,557.67	1/2	1,313.65	1/2	1,069.62	1/2	825.64	1/2	582.22	1/2	338.19	1/2	94.06	1/2		1/2	
3/4	1,796.61	3/4	1,552.59	3/4	1,308.56	3/4	1,064.53	3/4	820.56	3/4	577.15	3/4	333.10	3/4	89.10	3/4		3/4	
3	1,791.53	3	1,547.50	3	1,303.48	3	1,059.45	3	815.47	3	572.08	3	328.01	3	84.13	3		3	
1/4	1,786.44	1/4	1,542.42	1/4	1,298.39	1/4	1,054.36	1/4	810.39	1/4	567.02	1/4	322.93	1/4	79.17	1/4		1/4	
1/2	1,781.36	1/2	1,537.34	1/2	1,293.31	1/2	1,049.28	1/2	805.31	1/2	561.95	1/2	317.84	1/2	74.21	1/2		1/2	
3/4	1,776.28	3/4	1,532.25	3/4	1,288.22	3/4	1,044.20	3/4	800.23	3/4	556.87	3/4	312.75	3/4	69.38	3/4		3/4	
4	1,771.19	4	1,527.17	4	1,283.14	4	1,039.11	4	795.14	4	551.78	4	307.67	4	64.56	4		4	
1/4	1,766.11	1/4	1,522.08	1/4	1,278.05	1/4	1,034.03	1/4	790.06	1/4	546.70	1/4	302.58	1/4	59.73	1/4		1/4	
1/2	1,761.03	1/2	1,517.00	1/2	1,272.97	1/2	1,028.95	1/2	784.98	1/2	541.62	1/2	297.50	1/2	54.91	1/2		1/2	
3/4	1,755.94	3/4	1,511.92	3/4	1,267.89	3/4	1,023.86	3/4	779.90	3/4	536.54	3/4	292.41	3/4	50.22	3/4		3/4	
5	1,750.86	5	1,506.83	5	1,262.80	5	1,018.78	5	774.81	5	531.45	5	287.33	5	45.54	5		5	
1/4	1,745.77	1/4	1,501.75	1/4	1,257.72	1/4	1,013.69	1/4	769.73	1/4	526.37	1/4	282.24	1/4	40.85	1/4		1/4	
1/2	1,740.69	1/2	1,496.67	1/2	1,252.64	1/2	1,008.61	1/2	764.65	1/2	521.29	1/2	277.16	1/2	36.17	1/2		1/2	
3/4	1,735.61	3/4	1,491.58	3/4	1,247.55	3/4	1,003.53	3/4	759.58	3/4	516.20	3/4	272.07	3/4	31.64	3/4		3/4	
6	1,730.52	6	1,486.50	6	1,242.47	6	998.44	6	754.51	6	511.12	6	266.99	6	27.11	6		6	
1/4	1,725.44	1/4	1,481.41	1/4	1,237.38	1/4	993.36	1/4	749.45	1/4	506.03	1/4	261.90	1/4	22.58	1/4		1/4	
1/2	1,720.36	1/2	1,476.33	1/2	1,232.30	1/2	988.28	1/2	744.38	1/2	500.95	1/2	256.82	1/2	18.05	1/2		1/2	
3/4	1,715.27	3/4	1,471.24	3/4	1,227.22	3/4	983.20	3/4	739.31	3/4	495.86	3/4	251.73	3/4	13.68	3/4		3/4	
7	1,710.19	7	1,466.16	7	1,222.13	7	978.12	7	734.24	7	490.78	7	246.64	7	9.30	7		7	
1/4	1,705.10	1/4	1,461.07	1/4	1,217.05	1/4	973.04	1/4	729.18	1/4	485.69	1/4	241.56	1/4	4.93	1/4		1/4	
1/2	1,700.02	1/2	1,455.99	1/2	1,211.97	1/2	967.96	1/2	724.11	1/2	480.61	1/2	236.47	1/2	0.56	1/2		1/2	
3/4	1,694.94	3/4	1,450.91	3/4	1,206.88	3/4	962.88	3/4	719.04	3/4	475.52	3/4	231.38	3/4		3/4		3/4	
8	1,689.85	8	1,445.82	8	1,201.80	8	957.79	8	713.97	8	470.44	8	226.30	8		8		8	
1/4	1,684.77	1/4	1,440.74	1/4	1,196.71	1/4	952.71	1/4	708.91	1/4	465.35	1/4	221.21	1/4		1/4		1/4	
1/2	1,679.69	1/2	1,435.66	1/2	1,191.63	1/2	947.63	1/2	703.84	1/2	460.27	1/2	216.13	1/2		1/2		1/2	
3/4	1,674.60	3/4	1,430.57	3/4	1,186.55	3/4	942.55	3/4	698.77	3/4	455.18	3/4	211.04	3/4		3/4		3/4	
9	1,669.52	9	1,425.49	9	1,181.46	9	937.46	9	693.70	9	450.09	9	205.96	9		9		9	
1/4	1,664.43	1/4	1,420.40	1/4	1,176.38	1/4	932.38	1/4	688.64	1/4	445.01	1/4	200.87	1/4		1/4		1/4	
1/2	1,659.35	1/2	1,415.32	1/2	1,171.30	1/2	927.30	1/2	683.57	1/2	439.92	1/2	195.79	1/2		1/2		1/2	
3/4	1,654.26	3/4	1,410.24	3/4	1,166.21	3/4	922.22	3/4	678.50	3/4	434.83	3/4	190.70	3/4		3/4		3/4	
10	1,649.18	10	1,405.15	10	1,161.13	10	917.13	10	673.43	10	429.75	10	185.61	10		10		10	
1/4	1,644.09	1/4	1,400.07	1/4	1,156.04	1/4	912.05	1/4	668.37	1/4	424.66	1/4	180.53	1/4		1/4		1/4	
1/2	1,639.01	1/2	1,394.99	1/2	1,150.96	1/2	906.97	1/2	663.30	1/2	419.58	1/2	175.44	1/2		1/2		1/2	
3/4	1,633.93	3/4	1,389.90	3/4	1,145.87	3/4	901.89	3/4	658.23	3/4	414.49	3/4	170.35	3/4		3/4		3/4	
11	1,628.84	11	1,384.82	11	1,140.79	11	896.80	11	653.16	11	409.40	11	165.27	11		11		11	
1/4	1,623.76	1/4	1,379.73	1/4	1,135.70	1/4	891.72	1/4	648.10	1/4	404.32	1/4	160.18	1/4		1/4		1/4	
1/2	1,618.68	1/2	1,374.65	1/2	1,130.62	1/2	886.64	1/2	643.03	1/2	399.23	1/2	155.10	1/2		1/2		1/2	
3/4	1,613.59	3/4	1,369.57	3/4	1,125.54	3/4	881.55	3/4	637.96	3/4	394.14	3/4	150.01	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/2010 INT
CALCULATED: 03/06/2020 SW
NAME CHANGE: 03/06/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 11335"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 108"

GAUGE HEIGHT 17'-07 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,040.32	0	3,764.01	0	3,487.57	0	3,211.13	0	2,934.69	0	2,658.25	0	2,381.72
1/4		1/4		1/4		1/4	4,034.63	1/4	3,758.26	1/4	3,481.81	1/4	3,205.37	1/4	2,928.94	1/4	2,652.49	1/4	2,375.96
1/2		1/2		1/2		1/2	4,028.94	1/2	3,752.50	1/2	3,476.05	1/2	3,199.61	1/2	2,923.18	1/2	2,646.73	1/2	2,370.20
3/4		3/4		3/4		3/4	4,023.18	3/4	3,746.74	3/4	3,470.29	3/4	3,193.85	3/4	2,917.42	3/4	2,640.97	3/4	2,364.44
1		1		1		1	4,017.42	1	3,740.98	1	3,464.53	1	3,188.09	1	2,911.66	1	2,635.20	1	2,358.67
1/4		1/4		1/4		1/4	4,011.66	1/4	3,735.22	1/4	3,458.78	1/4	3,182.34	1/4	2,905.90	1/4	2,629.44	1/4	2,352.91
1/2		1/2		1/2		1/2	4,005.90	1/2	3,729.46	1/2	3,453.02	1/2	3,176.58	1/2	2,900.14	1/2	2,623.68	1/2	2,347.15
3/4		3/4		3/4		3/4	4,000.14	3/4	3,723.70	3/4	3,447.26	3/4	3,170.82	3/4	2,894.38	3/4	2,617.92	3/4	2,341.39
2		2		2		2	3,994.38	2	3,717.94	2	3,441.50	2	3,165.06	2	2,888.62	2	2,612.16	2	2,335.63
1/4		1/4		1/4		1/4	3,988.62	1/4	3,712.18	1/4	3,435.74	1/4	3,159.30	1/4	2,882.86	1/4	2,606.40	1/4	2,329.87
1/2		1/2		1/2		1/2	3,982.86	1/2	3,706.42	1/2	3,429.98	1/2	3,153.54	1/2	2,877.10	1/2	2,600.64	1/2	2,324.11
3/4		3/4		3/4		3/4	3,977.10	3/4	3,700.66	3/4	3,424.22	3/4	3,147.78	3/4	2,871.34	3/4	2,594.88	3/4	2,318.35
3		3		3		3	3,971.35	3	3,694.90	3	3,418.46	3	3,142.02	3	2,865.58	3	2,589.11	3	2,312.59
1/4		1/4		1/4		1/4	3,965.59	1/4	3,689.14	1/4	3,412.70	1/4	3,136.26	1/4	2,859.83	1/4	2,583.35	1/4	2,306.83
1/2		1/2		1/2		1/2	3,959.83	1/2	3,683.38	1/2	3,406.94	1/2	3,130.50	1/2	2,854.07	1/2	2,577.59	1/2	2,301.07
3/4		3/4		3/4		3/4	3,954.07	3/4	3,677.62	3/4	3,401.18	3/4	3,124.74	3/4	2,848.31	3/4	2,571.83	3/4	2,295.31
4		4		4		4	3,948.31	4	3,671.86	4	3,395.42	4	3,118.98	4	2,842.55	4	2,566.07	4	2,289.54
1/4		1/4		1/4		1/4	3,942.55	1/4	3,666.11	1/4	3,389.67	1/4	3,113.22	1/4	2,836.79	1/4	2,560.31	1/4	2,283.78
1/2		1/2		1/2		1/2	3,936.79	1/2	3,660.35	1/2	3,383.91	1/2	3,107.46	1/2	2,831.03	1/2	2,554.55	1/2	2,278.02
3/4		3/4		3/4		3/4	3,931.03	3/4	3,654.59	3/4	3,378.15	3/4	3,101.70	3/4	2,825.27	3/4	2,548.79	3/4	2,272.26
5		5		5		5	3,925.27	5	3,648.83	5	3,372.39	5	3,095.94	5	2,819.51	5	2,543.03	5	2,266.50
1/4		1/4		1/4		1/4	3,919.51	1/4	3,643.07	1/4	3,366.63	1/4	3,090.19	1/4	2,813.76	1/4	2,537.27	1/4	2,260.74
1/2		1/2		1/2		1/2	3,913.75	1/2	3,637.31	1/2	3,360.87	1/2	3,084.43	1/2	2,808.00	1/2	2,531.51	1/2	2,254.98
3/4		3/4		3/4		3/4	3,907.99	3/4	3,631.55	3/4	3,355.11	3/4	3,078.67	3/4	2,802.24	3/4	2,525.75	3/4	2,249.22
6		6		6		6	3,902.24	6	3,625.79	6	3,349.35	6	3,072.91	6	2,796.48	6	2,519.98	6	2,243.45
1/4		1/4		1/4		1/4	3,896.48	1/4	3,620.03	1/4	3,343.59	1/4	3,067.15	1/4	2,790.72	1/4	2,514.22	1/4	2,237.69
1/2		1/2		1/2	4,105.04	1/2	3,890.72	1/2	3,614.27	1/2	3,337.83	1/2	3,061.39	1/2	2,784.96	1/2	2,508.46	1/2	2,231.93
3/4		3/4		3/4	4,104.49	3/4	3,884.96	3/4	3,608.51	3/4	3,332.07	3/4	3,055.63	3/4	2,779.20	3/4	2,502.70	3/4	2,226.17
7		7		7	4,103.94	7	3,879.20	7	3,602.75	7	3,326.31	7	3,049.87	7	2,773.44	7	2,496.94	7	2,220.41
1/4		1/4		1/4	4,103.39	1/4	3,873.44	1/4	3,597.00	1/4	3,320.56	1/4	3,044.11	1/4	2,767.69	1/4	2,491.18	1/4	2,214.65
1/2		1/2		1/2	4,102.84	1/2	3,867.68	1/2	3,591.24	1/2	3,314.80	1/2	3,038.35	1/2	2,761.93	1/2	2,485.42	1/2	2,208.89
3/4		3/4		3/4	4,101.52	3/4	3,861.92	3/4	3,585.48	3/4	3,309.04	3/4	3,032.59	3/4	2,756.17	3/4	2,479.66	3/4	2,203.13
8		8		8	4,100.19	8	3,856.16	8	3,579.72	8	3,303.28	8	3,026.83	8	2,750.41	8	2,473.89	8	2,197.37
1/4		1/4		1/4	4,098.87	1/4	3,850.40	1/4	3,573.96	1/4	3,297.52	1/4	3,021.08	1/4	2,744.65	1/4	2,468.13	1/4	2,191.61
1/2		1/2		1/2	4,097.54	1/2	3,844.64	1/2	3,568.20	1/2	3,291.76	1/2	3,015.32	1/2	2,738.89	1/2	2,462.37	1/2	2,185.85
3/4		3/4		3/4	4,094.97	3/4	3,838.88	3/4	3,562.44	3/4	3,286.00	3/4	3,009.56	3/4	2,733.13	3/4	2,456.61	3/4	2,180.09
9		9		9	4,092.39	9	3,833.12	9	3,556.68	9	3,280.24	9	3,003.80	9	2,727.37	9	2,450.85	9	2,174.32
1/4		1/4		1/4	4,089.82	1/4	3,827.37	1/4	3,550.92	1/4	3,274.48	1/4	2,998.04	1/4	2,721.62	1/4	2,445.09	1/4	2,168.56
1/2		1/2		1/2	4,087.24	1/2	3,821.61	1/2	3,545.16	1/2	3,268.72	1/2	2,992.28	1/2	2,715.86	1/2	2,439.33	1/2	2,162.80
3/4		3/4		3/4	4,083.42	3/4	3,815.85	3/4	3,539.40	3/4	3,262.96	3/4	2,986.52	3/4	2,710.10	3/4	2,433.57	3/4	2,157.04
10		10		10	4,079.60	10	3,810.09	10	3,533.64	10	3,257.20	10	2,980.76	10	2,704.33	10	2,427.81	10	2,151.28
1/4		1/4		1/4	4,075.78	1/4	3,804.33	1/4	3,527.89	1/4	3,251.45	1/4	2,975.01	1/4	2,698.57	1/4	2,422.05	1/4	2,145.52
1/2		1/2		1/2	4,071.96	1/2	3,798.57	1/2	3,522.13	1/2	3,245.69	1/2	2,969.25	1/2	2,692.81	1/2	2,416.29	1/2	2,139.76
3/4		3/4		3/4	4,066.90	3/4	3,792.81	3/4	3,516.37	3/4	3,239.93	3/4	2,963.49	3/4	2,687.05	3/4	2,410.53	3/4	2,134.00
11		11		11	4,061.83	11	3,787.05	11	3,510.61	11	3,234.17	11	2,957.73	11	2,681.29	11	2,404.76	11	2,128.23
1/4		1/4		1/4	4,056.77	1/4	3,781.29	1/4	3,504.85	1/4	3,228.41	1/4	2,951.97	1/4	2,675.53	1/4	2,399.00	1/4	2,122.47
1/2		1/2		1/2	4,051.70	1/2	3,775.53	1/2	3,499.09	1/2	3,222.65	1/2	2,946.21	1/2	2,669.77	1/2	2,393.24	1/2	2,116.71
3/4		3/4		3/4	4,046.01	3/4	3,769.77	3/4	3,493.33	3/4	3,216.89	3/4	2,940.45	3/4	2,664.01	3/4	2,387.48	3/4	2,110.95

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 33'-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 11335"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 108"

GAUGE HEIGHT 17'-07 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
	2,105.19		1,828.79		1,552.40		1,276.02		999.67		723.86		447.74		171.29				
1/4	2,099.43	1/4	1,823.03	1/4	1,546.65	1/4	1,270.27	1/4	993.92	1/4	718.13	1/4	441.98	1/4	165.53	1/4		1/4	
1/2	2,093.67	1/2	1,817.27	1/2	1,540.89	1/2	1,264.51	1/2	988.16	1/2	712.39	1/2	436.22	1/2	159.77	1/2		1/2	
3/4	2,087.91	3/4	1,811.51	3/4	1,535.13	3/4	1,258.75	3/4	982.40	3/4	706.65	3/4	430.46	3/4	154.01	3/4		3/4	
1	2,082.15	1	1,805.75	1	1,529.37	1	1,252.99	1	976.65	1	700.92	1	424.70	1	148.25	1		1	
1/4	2,076.39	1/4	1,800.00	1/4	1,523.62	1/4	1,247.23	1/4	970.89	1/4	695.18	1/4	418.94	1/4	142.49	1/4		1/4	
1/2	2,070.63	1/2	1,794.24	1/2	1,517.86	1/2	1,241.47	1/2	965.14	1/2	689.45	1/2	413.18	1/2	136.73	1/2		1/2	
3/4	2,064.87	3/4	1,788.48	3/4	1,512.10	3/4	1,235.71	3/4	959.38	3/4	683.71	3/4	407.42	3/4	130.97	3/4		3/4	
2	2,059.11	2	1,782.72	2	1,506.34	2	1,229.95	2	953.62	2	677.97	2	401.66	2	125.21	2		2	
1/4	2,053.35	1/4	1,776.97	1/4	1,500.59	1/4	1,224.20	1/4	947.87	1/4	672.24	1/4	395.90	1/4	119.45	1/4		1/4	
1/2	2,047.59	1/2	1,771.21	1/2	1,494.83	1/2	1,218.44	1/2	942.11	1/2	666.50	1/2	390.14	1/2	113.69	1/2		1/2	
3/4	2,041.83	3/4	1,765.45	3/4	1,489.07	3/4	1,212.68	3/4	936.35	3/4	660.76	3/4	384.38	3/4	107.95	3/4		3/4	
3	2,036.07	3	1,759.69	3	1,483.31	3	1,206.92	3	930.59	3	655.02	3	378.62	3	102.20	3		3	
1/4	2,030.32	1/4	1,753.94	1/4	1,477.55	1/4	1,201.17	1/4	924.84	1/4	649.29	1/4	372.86	1/4	96.46	1/4		1/4	
1/2	2,024.56	1/2	1,748.18	1/2	1,471.79	1/2	1,195.41	1/2	919.08	1/2	643.55	1/2	367.10	1/2	90.72	1/2		1/2	
3/4	2,018.80	3/4	1,742.42	3/4	1,466.03	3/4	1,189.65	3/4	913.32	3/4	637.79	3/4	361.34	3/4	85.01	3/4		3/4	
4	2,013.04	4	1,736.66	4	1,460.27	4	1,183.89	4	907.56	4	632.04	4	355.58	4	79.31	4		4	
1/4	2,007.29	1/4	1,730.91	1/4	1,454.52	1/4	1,178.14	1/4	901.81	1/4	626.28	1/4	349.83	1/4	73.60	1/4		1/4	
1/2	2,001.53	1/2	1,725.15	1/2	1,448.76	1/2	1,172.38	1/2	896.05	1/2	620.53	1/2	344.07	1/2	67.90	1/2		1/2	
3/4	1,995.77	3/4	1,719.39	3/4	1,443.00	3/4	1,166.62	3/4	890.29	3/4	614.77	3/4	338.31	3/4	62.23	3/4		3/4	
5	1,990.01	5	1,713.63	5	1,437.24	5	1,160.86	5	884.53	5	609.01	5	332.55	5	56.56	5		5	
1/4	1,984.26	1/4	1,707.87	1/4	1,431.49	1/4	1,155.11	1/4	878.78	1/4	603.26	1/4	326.79	1/4	50.90	1/4		1/4	
1/2	1,978.50	1/2	1,702.11	1/2	1,425.73	1/2	1,149.35	1/2	873.02	1/2	597.50	1/2	321.03	1/2	45.23	1/2		1/2	
3/4	1,972.74	3/4	1,696.35	3/4	1,419.97	3/4	1,143.59	3/4	867.28	3/4	591.74	3/4	315.27	3/4	39.62	3/4		3/4	
6	1,966.98	6	1,690.59	6	1,414.21	6	1,137.83	6	861.55	6	585.98	6	309.51	6	34.01	6		6	
1/4	1,961.23	1/4	1,684.84	1/4	1,408.46	1/4	1,132.08	1/4	855.81	1/4	580.22	1/4	303.75	1/4	28.40	1/4		1/4	
1/2	1,955.47	1/2	1,679.08	1/2	1,402.70	1/2	1,126.32	1/2	850.08	1/2	574.46	1/2	297.99	1/2	22.79	1/2		1/2	
3/4	1,949.71	3/4	1,673.32	3/4	1,396.94	3/4	1,120.56	3/4	844.34	3/4	568.70	3/4	292.23	3/4	17.23	3/4		3/4	
7	1,943.95	7	1,667.56	7	1,391.18	7	1,114.81	7	838.60	7	562.94	7	286.47	7	11.67	7		7	
1/4	1,938.19	1/4	1,661.81	1/4	1,385.43	1/4	1,109.05	1/4	832.87	1/4	557.19	1/4	280.72	1/4	6.12	1/4		1/4	
1/2	1,932.43	1/2	1,656.05	1/2	1,379.67	1/2	1,103.30	1/2	827.13	1/2	551.43	1/2	274.96	1/2	0.56	1/2		1/2	
3/4	1,926.67	3/4	1,650.29	3/4	1,373.91	3/4	1,097.54	3/4	821.39	3/4	545.67	3/4	269.20	3/4		3/4		3/4	
8	1,920.91	8	1,644.53	8	1,368.15	8	1,091.78	8	815.65	8	539.91	8	263.44	8		8		8	
1/4	1,915.16	1/4	1,638.78	1/4	1,362.39	1/4	1,086.03	1/4	809.92	1/4	534.15	1/4	257.68	1/4		1/4		1/4	
1/2	1,909.40	1/2	1,633.02	1/2	1,356.63	1/2	1,080.27	1/2	804.18	1/2	528.39	1/2	251.92	1/2		1/2		1/2	
3/4	1,903.64	3/4	1,627.26	3/4	1,350.87	3/4	1,074.51	3/4	798.44	3/4	522.63	3/4	246.16	3/4		3/4		3/4	
9	1,897.88	9	1,621.50	9	1,345.11	9	1,068.76	9	792.71	9	516.87	9	240.40	9		9		9	
1/4	1,892.13	1/4	1,615.75	1/4	1,339.36	1/4	1,063.00	1/4	786.97	1/4	511.11	1/4	234.64	1/4		1/4		1/4	
1/2	1,886.37	1/2	1,609.99	1/2	1,333.60	1/2	1,057.25	1/2	781.24	1/2	505.35	1/2	228.88	1/2		1/2		1/2	
3/4	1,880.61	3/4	1,604.23	3/4	1,327.84	3/4	1,051.49	3/4	775.50	3/4	499.59	3/4	223.12	3/4		3/4		3/4	
10	1,874.85	10	1,598.47	10	1,322.08	10	1,045.73	10	769.76	10	493.83	10	217.36	10		10		10	
1/4	1,869.10	1/4	1,592.71	1/4	1,316.33	1/4	1,039.98	1/4	764.03	1/4	488.07	1/4	211.60	1/4		1/4		1/4	
1/2	1,863.34	1/2	1,586.95	1/2	1,310.57	1/2	1,034.22	1/2	758.29	1/2	482.31	1/2	205.84	1/2		1/2		1/2	
3/4	1,857.58	3/4	1,581.19	3/4	1,304.81	3/4	1,028.46	3/4	752.55	3/4	476.55	3/4	200.08	3/4		3/4		3/4	
11	1,851.82	11	1,575.43	11	1,299.05	11	1,022.70	11	746.81	11	470.78	11	194.32	11		11		11	
1/4	1,846.07	1/4	1,569.68	1/4	1,293.30	1/4	1,016.95	1/4	741.08	1/4	465.02	1/4	188.57	1/4		1/4		1/4	
1/2	1,840.31	1/2	1,563.92	1/2	1,287.54	1/2	1,011.19	1/2	735.34	1/2	459.26	1/2	182.81	1/2		1/2		1/2	
3/4	1,834.55	3/4	1,558.16	3/4	1,281.78	3/4	1,005.43	3/4	729.60	3/4	453.50	3/4	177.05	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/2010 INT
CALCULATED: 03/06/2020 SW
NAME CHANGE: 03/06/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

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



BARGE "KIRBY 11335"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 108"

GAUGE HEIGHT 17'-07 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	3,624.60	0	3,377.14	0	3,129.49	0	2,881.85	0	2,634.20	0	2,386.56	0	2,138.83
1/4		1/4		1/4		1/4	3,619.51	1/4	3,371.98	1/4	3,124.34	1/4	2,876.69	1/4	2,629.05	1/4	2,381.40	1/4	2,133.67
1/2		1/2		1/2		1/2	3,614.41	1/2	3,366.82	1/2	3,119.18	1/2	2,871.53	1/2	2,623.89	1/2	2,376.23	1/2	2,128.50
3/4		3/4		3/4		3/4	3,609.31	3/4	3,361.66	3/4	3,114.02	3/4	2,866.37	3/4	2,618.73	3/4	2,371.07	3/4	2,123.34
1		1		1		1	3,604.15	1	3,356.55	1	3,108.86	1	2,861.21	1	2,613.57	1	2,365.91	1	2,118.18
1/4		1/4		1/4		1/4	3,598.99	1/4	3,351.43	1/4	3,103.70	1/4	2,856.05	1/4	2,608.41	1/4	2,360.75	1/4	2,113.02
1/2		1/2		1/2		1/2	3,593.83	1/2	3,346.32	1/2	3,098.54	1/2	2,850.89	1/2	2,603.25	1/2	2,355.59	1/2	2,107.86
3/4		3/4		3/4		3/4	3,588.67	3/4	3,341.20	3/4	3,093.38	3/4	2,845.73	3/4	2,598.09	3/4	2,350.43	3/4	2,102.70
2		2		2		2	3,583.51	2	3,336.00	2	3,088.22	2	2,840.57	2	2,592.93	2	2,345.27	2	2,097.54
1/4		1/4		1/4		1/4	3,578.35	1/4	3,330.80	1/4	3,083.06	1/4	2,835.41	1/4	2,587.78	1/4	2,340.11	1/4	2,092.38
1/2		1/2		1/2		1/2	3,573.19	1/2	3,325.59	1/2	3,077.90	1/2	2,830.25	1/2	2,582.62	1/2	2,334.94	1/2	2,087.21
3/4		3/4		3/4		3/4	3,568.03	3/4	3,320.39	3/4	3,072.74	3/4	2,825.09	3/4	2,577.46	3/4	2,329.78	3/4	2,082.05
3		3		3		3	3,562.87	3	3,315.23	3	3,067.58	3	2,819.93	3	2,572.30	3	2,324.62	3	2,076.89
1/4		1/4		1/4		1/4	3,557.72	1/4	3,310.07	1/4	3,062.42	1/4	2,814.78	1/4	2,567.14	1/4	2,319.46	1/4	2,071.73
1/2		1/2		1/2		1/2	3,552.56	1/2	3,304.91	1/2	3,057.26	1/2	2,809.62	1/2	2,561.98	1/2	2,314.30	1/2	2,066.57
3/4		3/4		3/4		3/4	3,547.40	3/4	3,299.75	3/4	3,052.10	3/4	2,804.46	3/4	2,556.82	3/4	2,309.14	3/4	2,061.41
4		4		4		4	3,542.24	4	3,294.59	4	3,046.94	4	2,799.30	4	2,551.66	4	2,303.98	4	2,056.25
1/4		1/4		1/4		1/4	3,537.08	1/4	3,289.43	1/4	3,041.79	1/4	2,794.14	1/4	2,546.50	1/4	2,298.82	1/4	2,051.09
1/2		1/2		1/2		1/2	3,531.92	1/2	3,284.27	1/2	3,036.63	1/2	2,788.98	1/2	2,541.34	1/2	2,293.66	1/2	2,045.92
3/4		3/4		3/4		3/4	3,526.76	3/4	3,279.11	3/4	3,031.47	3/4	2,783.82	3/4	2,536.18	3/4	2,288.50	3/4	2,040.76
5		5		5		5	3,521.60	5	3,273.95	5	3,026.31	5	2,778.66	5	2,531.02	5	2,283.34	5	2,035.60
1/4		1/4		1/4		1/4	3,516.44	1/4	3,268.80	1/4	3,021.15	1/4	2,773.50	1/4	2,525.87	1/4	2,278.18	1/4	2,030.44
1/2		1/2		1/2		1/2	3,511.28	1/2	3,263.64	1/2	3,015.99	1/2	2,768.34	1/2	2,520.71	1/2	2,273.01	1/2	2,025.28
3/4		3/4		3/4		3/4	3,506.12	3/4	3,258.48	3/4	3,010.83	3/4	2,763.18	3/4	2,515.55	3/4	2,267.85	3/4	2,020.12
6		6		6		6	3,500.96	6	3,253.32	6	3,005.67	6	2,758.02	6	2,510.39	6	2,262.69	6	2,014.96
1/4		1/4		1/4		1/4	3,495.80	1/4	3,248.16	1/4	3,000.51	1/4	2,752.87	1/4	2,505.23	1/4	2,257.53	1/4	2,009.80
1/2		1/2		1/2		1/2	3,490.64	1/2	3,243.00	1/2	2,995.35	1/2	2,747.71	1/2	2,500.07	1/2	2,252.37	1/2	2,004.63
3/4		3/4		3/4		3/4	3,675.56	3/4	3,485.48	3/4	3,237.84	3/4	2,990.19	3/4	2,742.55	3/4	2,494.91	3/4	2,247.21
7		7		7		7	3,480.32	7	3,232.68	7	2,985.03	7	2,737.39	7	2,489.75	7	2,242.05	7	1,994.31
1/4		1/4		1/4		1/4	3,674.52	1/4	3,475.17	1/4	3,227.52	1/4	2,979.87	1/4	2,732.23	1/4	2,484.60	1/4	2,236.89
1/2		1/2		1/2		1/2	3,673.99	1/2	3,470.01	1/2	3,222.36	1/2	2,974.71	1/2	2,727.07	1/2	2,479.44	1/2	2,231.72
3/4		3/4		3/4		3/4	3,673.47	3/4	3,464.85	3/4	3,217.20	3/4	2,969.55	3/4	2,721.91	3/4	2,474.28	3/4	2,226.56
8		8		8		8	3,672.44	8	3,459.69	8	3,212.04	8	2,964.39	8	2,716.75	8	2,469.12	8	2,221.40
1/4		1/4		1/4		1/4	3,671.42	1/4	3,454.53	1/4	3,206.88	1/4	2,959.24	1/4	2,711.59	1/4	2,463.96	1/4	2,216.24
1/2		1/2		1/2		1/2	3,670.39	1/2	3,449.37	1/2	3,201.72	1/2	2,954.08	1/2	2,706.43	1/2	2,458.80	1/2	2,211.08
3/4		3/4		3/4		3/4	3,669.36	3/4	3,444.21	3/4	3,196.56	3/4	2,948.92	3/4	2,701.27	3/4	2,453.64	3/4	2,205.92
9		9		9		9	3,667.28	9	3,439.05	9	3,191.40	9	2,943.76	9	2,696.11	9	2,448.51	9	2,200.76
1/4		1/4		1/4		1/4	3,665.20	1/4	3,433.89	1/4	3,186.25	1/4	2,938.60	1/4	2,690.95	1/4	2,443.37	1/4	2,195.60
1/2		1/2		1/2		1/2	3,663.11	1/2	3,428.73	1/2	3,181.09	1/2	2,933.44	1/2	2,685.79	1/2	2,438.24	1/2	2,190.43
3/4		3/4		3/4		3/4	3,661.03	3/4	3,423.57	3/4	3,175.93	3/4	2,928.28	3/4	2,680.63	3/4	2,433.10	3/4	2,185.27
10		10		10		10	3,657.70	10	3,418.41	10	3,170.77	10	2,923.12	10	2,675.47	10	2,427.92	10	2,180.11
1/4		1/4		1/4		1/4	3,654.38	1/4	3,413.26	1/4	3,165.61	1/4	2,917.96	1/4	2,670.32	1/4	2,422.73	1/4	2,174.95
1/2		1/2		1/2		1/2	3,651.05	1/2	3,408.10	1/2	3,160.45	1/2	2,912.80	1/2	2,665.16	1/2	2,417.55	1/2	2,169.79
3/4		3/4		3/4		3/4	3,647.72	3/4	3,402.94	3/4	3,155.29	3/4	2,907.64	3/4	2,660.00	3/4	2,412.36	3/4	2,164.63
11		11		11		11	3,643.22	11	3,397.78	11	3,150.13	11	2,902.48	11	2,654.84	11	2,407.20	11	2,159.47
1/4		1/4		1/4		1/4	3,638.71	1/4	3,392.62	1/4	3,144.97	1/4	2,897.33	1/4	2,649.68	1/4	2,402.04	1/4	2,154.31
1/2		1/2		1/2		1/2	3,634.21	1/2	3,387.46	1/2	3,139.81	1/2	2,892.17	1/2	2,644.52	1/2	2,396.88	1/2	2,149.15
3/4		3/4		3/4		3/4	3,629.70	3/4	3,382.30	3/4	3,134.65	3/4	2,887.01	3/4	2,639.36	3/4	2,391.72	3/4	2,143.99

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11335"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 108"

GAUGE HEIGHT 17'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,891.09	0	1,643.41	0	1,395.89	0	1,148.30	0	900.75	0	653.66	0	406.33	0	158.66	0		0	
1/4	1,885.93	1/4	1,638.28	1/4	1,390.74	1/4	1,143.15	1/4	895.60	1/4	648.53	1/4	401.17	1/4	153.50	1/4		1/4	
1/2	1,880.77	1/2	1,633.14	1/2	1,385.58	1/2	1,137.99	1/2	890.44	1/2	643.39	1/2	396.00	1/2	148.34	1/2		1/2	
3/4	1,875.61	3/4	1,628.01	3/4	1,380.42	3/4	1,132.83	3/4	885.28	3/4	638.25	3/4	390.84	3/4	143.18	3/4		3/4	
1	1,870.45	1	1,622.85	1	1,375.26	1	1,127.67	1	880.12	1	633.11	1	385.68	1	138.02	1		1	
1/4	1,865.29	1/4	1,617.69	1/4	1,370.11	1/4	1,122.52	1/4	874.97	1/4	627.97	1/4	380.52	1/4	132.87	1/4		1/4	
1/2	1,860.12	1/2	1,612.53	1/2	1,364.95	1/2	1,117.36	1/2	869.81	1/2	622.83	1/2	375.36	1/2	127.71	1/2		1/2	
3/4	1,854.96	3/4	1,607.37	3/4	1,359.79	3/4	1,112.20	3/4	864.65	3/4	617.69	3/4	370.20	3/4	122.55	3/4		3/4	
2	1,849.80	2	1,602.21	2	1,354.63	2	1,107.04	2	859.50	2	612.55	2	365.04	2	117.39	2		2	
1/4	1,844.65	1/4	1,597.06	1/4	1,349.47	1/4	1,101.88	1/4	854.34	1/4	607.41	1/4	359.88	1/4	112.23	1/4		1/4	
1/2	1,839.49	1/2	1,591.90	1/2	1,344.31	1/2	1,096.72	1/2	849.19	1/2	602.27	1/2	354.72	1/2	107.06	1/2		1/2	
3/4	1,834.33	3/4	1,586.74	3/4	1,339.15	3/4	1,091.56	3/4	844.03	3/4	597.13	3/4	349.56	3/4	101.90	3/4		3/4	
3	1,829.17	3	1,581.58	3	1,333.99	3	1,086.40	3	838.87	3	591.99	3	344.40	3	96.76	3		3	
1/4	1,824.02	1/4	1,576.43	1/4	1,328.84	1/4	1,081.25	1/4	833.72	1/4	586.86	1/4	339.24	1/4	91.62	1/4		1/4	
1/2	1,818.86	1/2	1,571.27	1/2	1,323.68	1/2	1,076.09	1/2	828.56	1/2	581.72	1/2	334.08	1/2	86.47	1/2		1/2	
3/4	1,813.70	3/4	1,566.11	3/4	1,318.52	3/4	1,070.93	3/4	823.40	3/4	576.58	3/4	328.92	3/4	81.33	3/4		3/4	
4	1,808.54	4	1,560.95	4	1,313.36	4	1,065.77	4	818.24	4	571.42	4	323.76	4	76.22	4		4	
1/4	1,803.39	1/4	1,555.80	1/4	1,308.21	1/4	1,060.62	1/4	813.09	1/4	566.27	1/4	318.61	1/4	71.11	1/4		1/4	
1/2	1,798.23	1/2	1,550.64	1/2	1,303.05	1/2	1,055.46	1/2	807.93	1/2	561.11	1/2	313.45	1/2	66.00	1/2		1/2	
3/4	1,793.07	3/4	1,545.48	3/4	1,297.89	3/4	1,050.30	3/4	802.77	3/4	555.95	3/4	308.29	3/4	60.89	3/4		3/4	
5	1,787.91	5	1,540.32	5	1,292.73	5	1,045.14	5	797.61	5	550.79	5	303.13	5	55.81	5		5	
1/4	1,782.75	1/4	1,535.17	1/4	1,287.58	1/4	1,039.99	1/4	792.46	1/4	545.64	1/4	297.97	1/4	50.74	1/4		1/4	
1/2	1,777.59	1/2	1,530.01	1/2	1,282.42	1/2	1,034.83	1/2	787.30	1/2	540.48	1/2	292.81	1/2	45.66	1/2		1/2	
3/4	1,772.43	3/4	1,524.85	3/4	1,277.26	3/4	1,029.67	3/4	782.14	3/4	535.32	3/4	287.65	3/4	40.58	3/4		3/4	
6	1,767.27	6	1,519.69	6	1,272.10	6	1,024.51	6	777.00	6	530.16	6	282.49	6	35.55	6		6	
1/4	1,762.12	1/4	1,514.53	1/4	1,266.94	1/4	1,019.36	1/4	771.86	1/4	525.01	1/4	277.33	1/4	30.53	1/4		1/4	
1/2	1,756.96	1/2	1,509.37	1/2	1,261.78	1/2	1,014.20	1/2	766.72	1/2	519.85	1/2	272.17	1/2	25.50	1/2		1/2	
3/4	1,751.80	3/4	1,504.21	3/4	1,256.62	3/4	1,009.04	3/4	761.58	3/4	514.69	3/4	267.01	3/4	20.47	3/4		3/4	
7	1,746.64	7	1,499.05	7	1,251.46	7	1,003.89	7	756.44	7	509.53	7	261.85	7	15.49	7		7	
1/4	1,741.49	1/4	1,493.90	1/4	1,246.31	1/4	998.73	1/4	751.31	1/4	504.37	1/4	256.69	1/4	10.52	1/4		1/4	
1/2	1,736.33	1/2	1,488.74	1/2	1,241.15	1/2	993.58	1/2	746.17	1/2	499.21	1/2	251.53	1/2	5.54	1/2		1/2	
3/4	1,731.17	3/4	1,483.58	3/4	1,235.99	3/4	988.42	3/4	741.03	3/4	494.05	3/4	246.37	3/4	0.56	3/4		3/4	
8	1,726.01	8	1,478.42	8	1,230.83	8	983.26	8	735.89	8	488.89	8	241.21	8		8		8	
1/4	1,720.86	1/4	1,473.27	1/4	1,225.68	1/4	978.11	1/4	730.75	1/4	483.73	1/4	236.06	1/4		1/4		1/4	
1/2	1,715.70	1/2	1,468.11	1/2	1,220.52	1/2	972.95	1/2	725.61	1/2	478.57	1/2	230.90	1/2		1/2		1/2	
3/4	1,710.54	3/4	1,462.95	3/4	1,215.36	3/4	967.79	3/4	720.47	3/4	473.41	3/4	225.74	3/4		3/4		3/4	
9	1,705.38	9	1,457.79	9	1,210.20	9	962.64	9	715.33	9	468.25	9	220.58	9		9		9	
1/4	1,700.22	1/4	1,452.64	1/4	1,205.05	1/4	957.48	1/4	710.20	1/4	463.09	1/4	215.42	1/4		1/4		1/4	
1/2	1,695.06	1/2	1,447.48	1/2	1,199.89	1/2	952.33	1/2	705.06	1/2	457.93	1/2	210.26	1/2		1/2		1/2	
3/4	1,689.90	3/4	1,442.32	3/4	1,194.73	3/4	947.17	3/4	699.92	3/4	452.77	3/4	205.10	3/4		3/4		3/4	
10	1,684.74	10	1,437.16	10	1,189.57	10	942.01	10	694.78	10	447.61	10	199.94	10		10		10	
1/4	1,679.59	1/4	1,432.00	1/4	1,184.41	1/4	936.86	1/4	689.64	1/4	442.45	1/4	194.78	1/4		1/4		1/4	
1/2	1,674.43	1/2	1,426.84	1/2	1,179.25	1/2	931.70	1/2	684.50	1/2	437.29	1/2	189.62	1/2		1/2		1/2	
3/4	1,669.27	3/4	1,421.68	3/4	1,174.09	3/4	926.54	3/4	679.36	3/4	432.13	3/4	184.46	3/4		3/4		3/4	
11	1,664.09	11	1,416.52	11	1,168.93	11	921.38	11	674.22	11	426.97	11	179.30	11		11		11	
1/4	1,658.91	1/4	1,411.37	1/4	1,163.78	1/4	916.23	1/4	669.08	1/4	421.81	1/4	174.14	1/4		1/4		1/4	
1/2	1,653.72	1/2	1,406.21	1/2	1,158.62	1/2	911.07	1/2	663.94	1/2	416.65	1/2	168.98	1/2		1/2		1/2	
3/4	1,648.54	3/4	1,401.05	3/4	1,153.46	3/4	905.91	3/4	658.80	3/4	411.49	3/4	163.82	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/2010 INT
CALCULATED: 03/06/2020 SW
NAME CHANGE: 03/06/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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