



BARGE "KIRBY 11352"

ULLAGE TRIM TABLE

FORMERLY "CGBM 131"

	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	- 01-0/8	01-0/8	- 01-2/8	01-2/8	- 01-2/4	01-2/4	- 01-7/8	01-7/8
2 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
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 167'-06"

March 5, 2021

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

<http://www.pmacorp.net>



BARGE "KIRBY 11352"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 131"

GAUGE HEIGHT 17'-10 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	3,498.18	0	3,288.80	0	3,075.18	0	2,861.55	0	2,646.40	0	2,401.29	0	2,156.51
1/4		1/4		1/4		1/4	3,494.82	1/4	3,284.35	1/4	3,070.72	1/4	2,857.10	1/4	2,641.44	1/4	2,396.19	1/4	2,151.40
1/2		1/2		1/2		1/2	3,490.69	1/2	3,279.90	1/2	3,066.27	1/2	2,852.65	1/2	2,636.32	1/2	2,391.09	1/2	2,146.29
3/4		3/4		3/4		3/4	3,486.55	3/4	3,275.45	3/4	3,061.82	3/4	2,848.19	3/4	2,631.19	3/4	2,385.99	3/4	2,141.18
1		1		1		1	3,482.42	1	3,271.00	1	3,057.37	1	2,843.74	1	2,626.07	1	2,380.89	1	2,136.07
1/4		1/4		1/4		1/4	3,478.28	1/4	3,266.55	1/4	3,052.92	1/4	2,839.29	1/4	2,620.95	1/4	2,375.80	1/4	2,130.96
1/2		1/2		1/2		1/2	3,473.93	1/2	3,262.10	1/2	3,048.47	1/2	2,834.84	1/2	2,615.82	1/2	2,370.70	1/2	2,125.85
3/4		3/4		3/4		3/4	3,469.58	3/4	3,257.65	3/4	3,044.02	3/4	2,830.39	3/4	2,610.70	3/4	2,365.60	3/4	2,120.74
2		2		2		2	3,465.23	2	3,253.20	2	3,039.57	2	2,825.94	2	2,605.57	2	2,360.50	2	2,115.63
1/4		1/4		1/4		1/4	3,460.88	1/4	3,248.75	1/4	3,035.12	1/4	2,821.49	1/4	2,600.45	1/4	2,355.41	1/4	2,110.52
1/2		1/2		1/2		1/2	3,456.51	1/2	3,244.30	1/2	3,030.67	1/2	2,817.04	1/2	2,595.32	1/2	2,350.31	1/2	2,105.41
3/4		3/4		3/4		3/4	3,452.13	3/4	3,239.85	3/4	3,026.22	3/4	2,812.59	3/4	2,590.20	3/4	2,345.21	3/4	2,100.29
3		3		3		3	3,447.76	3	3,235.40	3	3,021.77	3	2,808.14	3	2,585.07	3	2,340.11	3	2,095.18
1/4		1/4		1/4		1/4	3,443.39	1/4	3,230.95	1/4	3,017.32	1/4	2,803.69	1/4	2,579.95	1/4	2,335.01	1/4	2,090.07
1/2		1/2		1/2		1/2	3,439.01	1/2	3,226.50	1/2	3,012.87	1/2	2,799.24	1/2	2,574.82	1/2	2,329.92	1/2	2,084.96
3/4		3/4		3/4		3/4	3,434.63	3/4	3,222.05	3/4	3,008.42	3/4	2,794.79	3/4	2,569.70	3/4	2,324.82	3/4	2,079.85
4		4		4		4	3,430.25	4	3,217.59	4	3,003.97	4	2,790.34	4	2,564.57	4	2,319.72	4	2,074.74
1/4		1/4		1/4		1/4	3,425.87	1/4	3,213.14	1/4	2,999.52	1/4	2,785.89	1/4	2,559.45	1/4	2,314.62	1/4	2,069.63
1/2		1/2		1/2		1/2	3,421.49	1/2	3,208.69	1/2	2,995.06	1/2	2,781.44	1/2	2,554.32	1/2	2,309.53	1/2	2,064.52
3/4		3/4		3/4		3/4	3,417.11	3/4	3,204.24	3/4	2,990.61	3/4	2,776.99	3/4	2,549.20	3/4	2,304.43	3/4	2,059.41
5		5		5		5	3,412.73	5	3,199.79	5	2,986.16	5	2,772.53	5	2,544.07	5	2,299.33	5	2,054.30
1/4		1/4		1/4		1/4	3,408.35	1/4	3,195.34	1/4	2,981.71	1/4	2,768.08	1/4	2,538.95	1/4	2,294.23	1/4	2,049.19
1/2		1/2		1/2		1/2	3,403.97	1/2	3,190.89	1/2	2,977.26	1/2	2,763.63	1/2	2,533.85	1/2	2,289.13	1/2	2,044.08
3/4		3/4		3/4		3/4	3,399.59	3/4	3,186.44	3/4	2,972.81	3/4	2,759.18	3/4	2,528.74	3/4	2,284.04	3/4	2,038.97
6		6		6		6	3,395.20	6	3,181.99	6	2,968.36	6	2,754.73	6	2,523.64	6	2,278.94	6	2,033.86
1/4		1/4		1/4		1/4	3,390.82	1/4	3,177.54	1/4	2,963.91	1/4	2,750.28	1/4	2,518.53	1/4	2,273.84	1/4	2,028.74
1/2		1/2		1/2		1/2	3,386.44	1/2	3,173.09	1/2	2,959.46	1/2	2,745.83	1/2	2,513.44	1/2	2,268.74	1/2	2,023.63
3/4		3/4		3/4		3/4	3,382.06	3/4	3,168.64	3/4	2,955.01	3/4	2,741.38	3/4	2,508.34	3/4	2,263.64	3/4	2,018.52
7		7		7		7	3,377.68	7	3,164.19	7	2,950.56	7	2,736.93	7	2,503.24	7	2,258.55	7	2,013.41
1/4		1/4		1/4		1/4	3,373.30	1/4	3,159.74	1/4	2,946.11	1/4	2,732.48	1/4	2,498.14	1/4	2,253.45	1/4	2,008.30
1/2		1/2		1/2		1/2	3,368.87	1/2	3,155.29	1/2	2,941.66	1/2	2,728.03	1/2	2,493.05	1/2	2,248.35	1/2	2,003.19
3/4		3/4		3/4		3/4	3,364.43	3/4	3,150.84	3/4	2,937.21	3/4	2,723.58	3/4	2,487.95	3/4	2,243.25	3/4	1,998.08
8		8		8		8	3,360.00	8	3,146.39	8	2,932.76	8	2,719.13	8	2,482.85	8	2,238.16	8	1,992.97
1/4		1/4		1/4		1/4	3,355.56	1/4	3,141.93	1/4	2,928.31	1/4	2,714.68	1/4	2,477.75	1/4	2,233.06	1/4	1,987.86
1/2		1/2		1/2		1/2	3,351.11	1/2	3,137.48	1/2	2,923.86	1/2	2,710.23	1/2	2,472.65	1/2	2,227.96	1/2	1,982.75
3/4		3/4		3/4		3/4	3,346.66	3/4	3,133.03	3/4	2,919.40	3/4	2,705.78	3/4	2,467.56	3/4	2,222.86	3/4	1,977.64
9		9		9		9	3,342.21	9	3,128.58	9	2,914.95	9	2,701.33	9	2,462.46	9	2,217.76	9	1,972.53
1/4		1/4		1/4		1/4	3,337.76	1/4	3,124.13	1/4	2,910.50	1/4	2,696.87	1/4	2,457.36	1/4	2,212.67	1/4	1,967.42
1/2		1/2		1/2		1/2	3,333.31	1/2	3,119.68	1/2	2,906.05	1/2	2,692.42	1/2	2,452.26	1/2	2,207.57	1/2	1,962.31
3/4		3/4		3/4		3/4	3,328.86	3/4	3,115.23	3/4	2,901.60	3/4	2,687.97	3/4	2,447.17	3/4	2,202.47	3/4	1,957.19
10		10		10		10	3,324.41	10	3,110.78	10	2,897.15	10	2,683.52	10	2,442.07	10	2,197.37	10	1,952.08
1/4		1/4		1/4		1/4	3,319.96	1/4	3,106.33	1/4	2,892.70	1/4	2,679.07	1/4	2,436.97	1/4	2,192.28	1/4	1,946.97
1/2		1/2		1/2		1/2	3,315.51	1/2	3,101.88	1/2	2,888.25	1/2	2,674.62	1/2	2,431.87	1/2	2,187.17	1/2	1,941.86
3/4		3/4		3/4		3/4	3,311.06	3/4	3,097.43	3/4	2,883.80	3/4	2,670.17	3/4	2,426.77	3/4	2,182.06	3/4	1,936.75
11		11		11		11	3,306.61	11	3,092.98	11	2,879.35	11	2,665.72	11	2,421.68	11	2,176.95	11	1,931.64
1/4		1/4		1/4		1/4	3,302.16	1/4	3,088.53	1/4	2,874.90	1/4	2,661.27	1/4	2,416.58	1/4	2,171.84	1/4	1,926.53
1/2		1/2		1/2		1/2	3,304.89	1/2	3,297.71	1/2	3,084.08	1/2	2,870.45	1/2	2,656.31	1/2	2,411.48	1/2	1,921.42
3/4		3/4		3/4		3/4	3,301.53	3/4	3,293.26	3/4	3,079.63	3/4	2,866.00	3/4	2,651.36	3/4	2,406.38	3/4	1,916.31

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 21'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 11352"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 131"

GAUGE HEIGHT 17'-10 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	1,911.20	0	1,666.30	0	1,423.45	0	1,178.28	0	933.04	0	687.79	0	448.51	0	207.74	0		0	
1/4	1,906.09	1/4	1,661.26	1/4	1,418.35	1/4	1,173.17	1/4	927.93	1/4	682.68	1/4	443.68	1/4	202.62	1/4		1/4	
1/2	1,900.98	1/2	1,656.22	1/2	1,413.24	1/2	1,168.06	1/2	922.82	1/2	677.57	1/2	438.85	1/2	197.49	1/2		1/2	
3/4	1,895.87	3/4	1,651.18	3/4	1,408.14	3/4	1,162.95	3/4	917.71	3/4	672.46	3/4	434.02	3/4	192.37	3/4		3/4	
1	1,890.76	1	1,646.14	1	1,403.04	1	1,157.85	1	912.60	1	667.35	1	429.19	1	187.24	1		1	
1/4	1,885.64	1/4	1,641.09	1/4	1,397.93	1/4	1,152.74	1/4	907.49	1/4	662.24	1/4	424.37	1/4	182.12	1/4		1/4	
1/2	1,880.53	1/2	1,636.05	1/2	1,392.83	1/2	1,147.63	1/2	902.38	1/2	657.13	1/2	419.54	1/2	176.99	1/2		1/2	
3/4	1,875.42	3/4	1,631.01	3/4	1,387.73	3/4	1,142.52	3/4	897.27	3/4	652.02	3/4	414.71	3/4	171.87	3/4		3/4	
2	1,870.31	2	1,625.97	2	1,382.62	2	1,137.41	2	892.16	2	646.92	2	409.88	2	166.74	2		2	
1/4	1,865.20	1/4	1,620.93	1/4	1,377.52	1/4	1,132.30	1/4	887.05	1/4	641.81	1/4	405.05	1/4	161.62	1/4		1/4	
1/2	1,860.09	1/2	1,615.89	1/2	1,372.42	1/2	1,127.19	1/2	881.94	1/2	636.70	1/2	400.22	1/2	156.50	1/2		1/2	
3/4	1,854.98	3/4	1,610.85	3/4	1,367.31	3/4	1,122.08	3/4	876.83	3/4	631.59	3/4	395.40	3/4	151.37	3/4		3/4	
3	1,849.87	3	1,605.81	3	1,362.21	3	1,116.97	3	871.72	3	626.48	3	390.57	3	146.25	3		3	
1/4	1,844.76	1/4	1,600.77	1/4	1,357.10	1/4	1,111.86	1/4	866.61	1/4	621.37	1/4	385.74	1/4	141.12	1/4		1/4	
1/2	1,839.65	1/2	1,595.73	1/2	1,351.99	1/2	1,106.75	1/2	861.51	1/2	616.26	1/2	380.89	1/2	136.00	1/2		1/2	
3/4	1,834.54	3/4	1,590.68	3/4	1,346.89	3/4	1,101.64	3/4	856.40	3/4	611.15	3/4	376.04	3/4	130.87	3/4		3/4	
4	1,829.43	4	1,585.64	4	1,341.78	4	1,096.53	4	851.29	4	606.04	4	371.19	4	125.75	4		4	
1/4	1,824.32	1/4	1,580.60	1/4	1,336.67	1/4	1,091.42	1/4	846.18	1/4	600.93	1/4	366.34	1/4	120.62	1/4		1/4	
1/2	1,819.21	1/2	1,575.56	1/2	1,331.56	1/2	1,086.31	1/2	841.07	1/2	595.82	1/2	361.28	1/2	115.51	1/2		1/2	
3/4	1,814.10	3/4	1,570.52	3/4	1,326.45	3/4	1,081.21	3/4	835.96	3/4	590.71	3/4	356.22	3/4	110.40	3/4		3/4	
5	1,808.98	5	1,565.48	5	1,321.34	5	1,076.10	5	830.85	5	585.60	5	351.16	5	105.28	5		5	
1/4	1,803.87	1/4	1,560.44	1/4	1,316.23	1/4	1,070.99	1/4	825.74	1/4	580.49	1/4	346.10	1/4	100.17	1/4		1/4	
1/2	1,798.76	1/2	1,555.40	1/2	1,311.12	1/2	1,065.88	1/2	820.63	1/2	575.38	1/2	340.98	1/2	95.15	1/2		1/2	
3/4	1,793.65	3/4	1,550.36	3/4	1,306.01	3/4	1,060.77	3/4	815.52	3/4	570.28	3/4	335.85	3/4	90.12	3/4		3/4	
6	1,788.54	6	1,545.31	6	1,300.91	6	1,055.66	6	810.41	6	565.17	6	330.73	6	85.10	6		6	
1/4	1,783.43	1/4	1,540.27	1/4	1,295.80	1/4	1,050.55	1/4	805.30	1/4	560.06	1/4	325.60	1/4	80.07	1/4		1/4	
1/2	1,778.32	1/2	1,535.23	1/2	1,290.69	1/2	1,045.44	1/2	800.19	1/2	555.13	1/2	320.48	1/2	75.17	1/2		1/2	
3/4	1,773.21	3/4	1,530.19	3/4	1,285.58	3/4	1,040.33	3/4	795.08	3/4	550.21	3/4	315.35	3/4	70.28	3/4		3/4	
7	1,768.10	7	1,525.15	7	1,280.47	7	1,035.22	7	789.98	7	545.28	7	310.23	7	65.38	7		7	
1/4	1,762.99	1/4	1,520.11	1/4	1,275.36	1/4	1,030.11	1/4	784.87	1/4	540.36	1/4	305.11	1/4	60.48	1/4		1/4	
1/2	1,757.88	1/2	1,515.07	1/2	1,270.25	1/2	1,025.00	1/2	779.76	1/2	535.50	1/2	299.98	1/2	55.73	1/2		1/2	
3/4	1,752.77	3/4	1,510.03	3/4	1,265.14	3/4	1,019.89	3/4	774.65	3/4	530.65	3/4	294.86	3/4	50.97	3/4		3/4	
8	1,747.66	8	1,504.99	8	1,260.03	8	1,014.78	8	769.54	8	525.80	8	289.73	8	46.21	8		8	
1/4	1,742.55	1/4	1,499.94	1/4	1,254.92	1/4	1,009.68	1/4	764.43	1/4	520.95	1/4	284.61	1/4	41.46	1/4		1/4	
1/2	1,737.43	1/2	1,494.85	1/2	1,249.81	1/2	1,004.57	1/2	759.32	1/2	516.12	1/2	279.48	1/2	36.85	1/2		1/2	
3/4	1,732.32	3/4	1,489.76	3/4	1,244.70	3/4	999.46	3/4	754.21	3/4	511.29	3/4	274.36	3/4	32.24	3/4		3/4	
9	1,727.21	9	1,484.68	9	1,239.59	9	994.35	9	749.10	9	506.45	9	269.23	9	27.64	9		9	
1/4	1,722.10	1/4	1,479.59	1/4	1,234.48	1/4	989.24	1/4	743.99	1/4	501.62	1/4	264.11	1/4	23.03	1/4		1/4	
1/2	1,716.99	1/2	1,474.48	1/2	1,229.38	1/2	984.13	1/2	738.88	1/2	496.79	1/2	258.99	1/2	18.59	1/2		1/2	
3/4	1,711.88	3/4	1,469.38	3/4	1,224.27	3/4	979.02	3/4	733.77	3/4	491.96	3/4	253.86	3/4	14.16	3/4		3/4	
10	1,706.77	10	1,464.27	10	1,219.16	10	973.91	10	728.66	10	487.14	10	248.74	10	9.72	10		10	
1/4	1,701.66	1/4	1,459.17	1/4	1,214.05	1/4	968.80	1/4	723.55	1/4	482.31	1/4	243.61	1/4	5.29	1/4		1/4	
1/2	1,696.60	1/2	1,454.07	1/2	1,208.94	1/2	963.69	1/2	718.45	1/2	477.48	1/2	238.49	1/2		1/2		1/2	
3/4	1,691.54	3/4	1,448.97	3/4	1,203.83	3/4	958.58	3/4	713.34	3/4	472.65	3/4	233.36	3/4		3/4		3/4	
11	1,686.48	11	1,443.86	11	1,198.72	11	953.47	11	708.23	11	467.82	11	228.24	11		11		11	
1/4	1,681.42	1/4	1,438.76	1/4	1,193.61	1/4	948.36	1/4	703.12	1/4	462.99	1/4	223.11	1/4		1/4		1/4	
1/2	1,676.38	1/2	1,433.66	1/2	1,188.50	1/2	943.25	1/2	698.01	1/2	458.17	1/2	217.99	1/2		1/2		1/2	
3/4	1,671.34	3/4	1,428.55	3/4	1,183.39	3/4	938.15	3/4	692.90	3/4	453.34	3/4	212.86	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/25/2015 PMA
RECALCULATED: 03/05/2021 PMA
NAME CHANGE: 03/05/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2021

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



BARGE "KIRBY 11352"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 131"

GAUGE HEIGHT 17'-10 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	4,108.00	0	3,837.70	0	3,560.93	0	3,284.17	0	3,007.40	0	2,730.63	0	2,453.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,103.48	1/4	3,831.94	1/4	3,555.17	1/4	3,278.40	1/4	3,001.63	1/4	2,724.86	1/4	2,448.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,098.96	1/2	3,826.17	1/2	3,549.40	1/2	3,272.63	1/2	2,995.87	1/2	2,719.10	1/2	2,442.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,093.56	3/4	3,820.40	3/4	3,543.64	3/4	3,266.87	3/4	2,990.10	3/4	2,713.33	3/4	2,436.56
1	1	1	1	1	1	1	4,088.17	1	3,814.64	1	3,537.87	1	3,261.10	1	2,984.33	1	2,707.57	1	2,430.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,082.77	1/4	3,808.87	1/4	3,532.10	1/4	3,255.34	1/4	2,978.57	1/4	2,701.80	1/4	2,425.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,077.37	1/2	3,803.11	1/2	3,526.34	1/2	3,249.57	1/2	2,972.80	1/2	2,696.03	1/2	2,419.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,071.73	3/4	3,797.34	3/4	3,520.57	3/4	3,243.80	3/4	2,967.04	3/4	2,690.27	3/4	2,413.50
2	2	2	2	2	2	2	4,066.09	2	3,791.57	2	3,514.81	2	3,238.04	2	2,961.27	2	2,684.50	2	2,407.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,060.45	1/4	3,785.81	1/4	3,509.04	1/4	3,232.27	1/4	2,955.50	1/4	2,678.74	1/4	2,401.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,054.81	1/2	3,780.04	1/2	3,503.27	1/2	3,226.51	1/2	2,949.74	1/2	2,672.97	1/2	2,396.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,049.15	3/4	3,774.28	3/4	3,497.51	3/4	3,220.74	3/4	2,943.97	3/4	2,667.20	3/4	2,390.44
3	3	3	3	3	3	3	4,043.48	3	3,768.51	3	3,491.74	3	3,214.97	3	2,938.21	3	2,661.44	3	2,384.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,037.82	1/4	3,762.74	1/4	3,485.98	1/4	3,209.21	1/4	2,932.44	1/4	2,655.67	1/4	2,378.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,032.15	1/2	3,756.98	1/2	3,480.21	1/2	3,203.44	1/2	2,926.67	1/2	2,649.91	1/2	2,373.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,026.48	3/4	3,751.21	3/4	3,474.44	3/4	3,197.68	3/4	2,920.91	3/4	2,644.14	3/4	2,367.37
4	4	4	4	4	4	4	4,020.80	4	3,745.45	4	3,468.68	4	3,191.91	4	2,915.14	4	2,638.37	4	2,361.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,015.13	1/4	3,739.68	1/4	3,462.91	1/4	3,186.14	1/4	2,909.38	1/4	2,632.61	1/4	2,355.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,009.46	1/2	3,733.91	1/2	3,457.15	1/2	3,180.38	1/2	2,903.61	1/2	2,626.84	1/2	2,350.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,003.79	3/4	3,728.15	3/4	3,451.38	3/4	3,174.61	3/4	2,897.84	3/4	2,621.08	3/4	2,344.31
5	5	5	5	5	5	5	3,998.11	5	3,722.38	5	3,445.61	5	3,168.85	5	2,892.08	5	2,615.31	5	2,338.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,992.44	1/4	3,716.62	1/4	3,439.85	1/4	3,163.08	1/4	2,886.31	1/4	2,609.54	1/4	2,332.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,986.77	1/2	3,710.85	1/2	3,434.08	1/2	3,157.31	1/2	2,880.55	1/2	2,603.78	1/2	2,327.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,981.09	3/4	3,705.08	3/4	3,428.32	3/4	3,151.55	3/4	2,874.78	3/4	2,598.01	3/4	2,321.24
6	6	6	6	6	6	6	3,975.42	6	3,699.32	6	3,422.55	6	3,145.78	6	2,869.01	6	2,592.25	6	2,315.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,969.74	1/4	3,693.55	1/4	3,416.78	1/4	3,140.02	1/4	2,863.25	1/4	2,586.48	1/4	2,309.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,964.07	1/2	3,687.79	1/2	3,411.02	1/2	3,134.25	1/2	2,857.48	1/2	2,580.71	1/2	2,303.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,958.40	3/4	3,682.02	3/4	3,405.25	3/4	3,128.48	3/4	2,851.72	3/4	2,574.95	3/4	2,298.18
7	7	7	7	7	7	7	3,952.72	7	3,676.25	7	3,399.49	7	3,122.72	7	2,845.95	7	2,569.18	7	2,292.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,947.05	1/4	3,670.49	1/4	3,393.72	1/4	3,116.95	1/4	2,840.18	1/4	2,563.42	1/4	2,286.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,941.38	1/2	3,664.72	1/2	3,387.95	1/2	3,111.19	1/2	2,834.42	1/2	2,557.65	1/2	2,280.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,935.64	3/4	3,658.96	3/4	3,382.19	3/4	3,105.42	3/4	2,828.65	3/4	2,551.88	3/4	2,275.12
8	8	8	8	8	4,144.70	8	3,929.90	8	3,653.19	8	3,376.42	8	3,099.65	8	2,822.89	8	2,546.12	8	2,269.35
1/4	1/4	1/4	1/4	1/4	4,144.27	1/4	3,924.16	1/4	3,647.42	1/4	3,370.66	1/4	3,093.89	1/4	2,817.12	1/4	2,540.35	1/4	2,263.58
1/2	1/2	1/2	1/2	1/2	4,143.83	1/2	3,918.43	1/2	3,641.66	1/2	3,364.89	1/2	3,088.12	1/2	2,811.35	1/2	2,534.59	1/2	2,257.82
3/4	3/4	3/4	3/4	3/4	4,142.72	3/4	3,912.66	3/4	3,635.89	3/4	3,359.12	3/4	3,082.36	3/4	2,805.59	3/4	2,528.82	3/4	2,252.05
9	9	9	9	9	4,141.60	9	3,906.89	9	3,630.13	9	3,353.36	9	3,076.59	9	2,799.82	9	2,523.05	9	2,246.29
1/4	1/4	1/4	1/4	1/4	4,140.48	1/4	3,901.13	1/4	3,624.36	1/4	3,347.59	1/4	3,070.82	1/4	2,794.06	1/4	2,517.29	1/4	2,240.52
1/2	1/2	1/2	1/2	1/2	4,139.36	1/2	3,895.36	1/2	3,618.59	1/2	3,341.83	1/2	3,065.06	1/2	2,788.29	1/2	2,511.52	1/2	2,234.75
3/4	3/4	3/4	3/4	3/4	4,137.15	3/4	3,889.60	3/4	3,612.83	3/4	3,336.06	3/4	3,059.29	3/4	2,782.52	3/4	2,505.76	3/4	2,228.99
10	10	10	10	10	4,134.93	10	3,883.83	10	3,607.06	10	3,330.29	10	3,053.53	10	2,776.76	10	2,499.99	10	2,223.22
1/4	1/4	1/4	1/4	1/4	4,132.72	1/4	3,878.06	1/4	3,601.30	1/4	3,324.53	1/4	3,047.76	1/4	2,770.99	1/4	2,494.22	1/4	2,217.46
1/2	1/2	1/2	1/2	1/2	4,130.51	1/2	3,872.30	1/2	3,595.53	1/2	3,318.76	1/2	3,041.99	1/2	2,765.23	1/2	2,488.46	1/2	2,211.69
3/4	3/4	3/4	3/4	3/4	4,127.14	3/4	3,866.53	3/4	3,589.76	3/4	3,313.00	3/4	3,036.23	3/4	2,759.46	3/4	2,482.69	3/4	2,205.92
11	11	11	11	11	4,123.77	11	3,860.77	11	3,584.00	11	3,307.23	11	3,030.46	11	2,753.69	11	2,476.93	11	2,200.16
1/4	1/4	1/4	1/4	1/4	4,120.41	1/4	3,855.00	1/4	3,578.23	1/4	3,301.46	1/4	3,024.70	1/4	2,747.93	1/4	2,471.16	1/4	2,194.39
1/2	1/2	1/2	1/2	1/2	4,117.04	1/2	3,849.23	1/2	3,572.47	1/2	3,295.70	1/2	3,018.93	1/2	2,742.16	1/2	2,465.39	1/2	2,188.63
3/4	3/4	3/4	3/4	3/4	4,112.52	3/4	3,843.47	3/4	3,566.70	3/4	3,289.93	3/4	3,013.16	3/4	2,736.40	3/4	2,459.63	3/4	2,182.86

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 35'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 11352"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 131"

GAUGE HEIGHT 17'-10 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	2,177.09	0	1,900.33	0	1,623.56	0	1,346.79	0	1,070.02	0	793.25	0	520.66	0	247.72	0		0	
1/4	2,171.33	1/4	1,894.56	1/4	1,617.79	1/4	1,341.02	1/4	1,064.26	1/4	787.49	1/4	515.10	1/4	241.95	1/4		1/4	
1/2	2,165.56	1/2	1,888.79	1/2	1,612.03	1/2	1,335.26	1/2	1,058.49	1/2	781.72	1/2	509.54	1/2	236.19	1/2		1/2	
3/4	2,159.80	3/4	1,883.03	3/4	1,606.26	3/4	1,329.49	3/4	1,052.72	3/4	775.96	3/4	503.97	3/4	230.42	3/4		3/4	
1	2,154.03	1	1,877.26	1	1,600.49	1	1,323.73	1	1,046.96	1	770.19	1	498.41	1	224.66	1		1	
1/4	2,148.26	1/4	1,871.50	1/4	1,594.73	1/4	1,317.96	1/4	1,041.19	1/4	764.42	1/4	492.84	1/4	218.89	1/4		1/4	
1/2	2,142.50	1/2	1,865.73	1/2	1,588.96	1/2	1,312.19	1/2	1,035.43	1/2	758.66	1/2	487.28	1/2	213.13	1/2		1/2	
3/4	2,136.73	3/4	1,859.96	3/4	1,583.20	3/4	1,306.43	3/4	1,029.66	3/4	752.89	3/4	481.72	3/4	207.36	3/4		3/4	
2	2,130.97	2	1,854.20	2	1,577.43	2	1,300.66	2	1,023.89	2	747.13	2	476.15	2	201.59	2		2	
1/4	2,125.20	1/4	1,848.43	1/4	1,571.66	1/4	1,294.90	1/4	1,018.13	1/4	741.36	1/4	470.59	1/4	195.83	1/4		1/4	
1/2	2,119.43	1/2	1,842.67	1/2	1,565.90	1/2	1,289.13	1/2	1,012.36	1/2	735.59	1/2	465.02	1/2	190.06	1/2		1/2	
3/4	2,113.67	3/4	1,836.90	3/4	1,560.13	3/4	1,283.36	3/4	1,006.60	3/4	729.83	3/4	459.46	3/4	184.30	3/4		3/4	
3	2,107.90	3	1,831.13	3	1,554.37	3	1,277.60	3	1,000.83	3	724.06	3	453.90	3	178.53	3		3	
1/4	2,102.14	1/4	1,825.37	1/4	1,548.60	1/4	1,271.83	1/4	995.06	1/4	718.30	1/4	448.33	1/4	172.77	1/4		1/4	
1/2	2,096.37	1/2	1,819.60	1/2	1,542.83	1/2	1,266.07	1/2	989.30	1/2	712.53	1/2	442.77	1/2	167.00	1/2		1/2	
3/4	2,090.60	3/4	1,813.84	3/4	1,537.07	3/4	1,260.30	3/4	983.53	3/4	706.76	3/4	437.20	3/4	161.23	3/4		3/4	
4	2,084.84	4	1,808.07	4	1,531.30	4	1,254.53	4	977.77	4	701.00	4	431.63	4	155.47	4		4	
1/4	2,079.07	1/4	1,802.30	1/4	1,525.54	1/4	1,248.77	1/4	972.00	1/4	695.23	1/4	426.06	1/4	149.70	1/4		1/4	
1/2	2,073.31	1/2	1,796.54	1/2	1,519.77	1/2	1,243.00	1/2	966.23	1/2	689.47	1/2	420.50	1/2	143.94	1/2		1/2	
3/4	2,067.54	3/4	1,790.77	3/4	1,514.00	3/4	1,237.24	3/4	960.47	3/4	683.70	3/4	414.78	3/4	138.17	3/4		3/4	
5	2,061.77	5	1,785.01	5	1,508.24	5	1,231.47	5	954.70	5	677.93	5	409.06	5	132.40	5		5	
1/4	2,056.01	1/4	1,779.24	1/4	1,502.47	1/4	1,225.70	1/4	948.94	1/4	672.17	1/4	403.35	1/4	126.64	1/4		1/4	
1/2	2,050.24	1/2	1,773.47	1/2	1,496.71	1/2	1,219.94	1/2	943.17	1/2	666.40	1/2	397.63	1/2	120.87	1/2		1/2	
3/4	2,044.48	3/4	1,767.71	3/4	1,490.94	3/4	1,214.17	3/4	937.40	3/4	660.64	3/4	391.86	3/4	115.11	3/4		3/4	
6	2,038.71	6	1,761.94	6	1,485.17	6	1,208.41	6	931.64	6	654.87	6	386.10	6	109.35	6		6	
1/4	2,032.94	1/4	1,756.18	1/4	1,479.41	1/4	1,202.64	1/4	925.87	1/4	649.10	1/4	380.33	1/4	103.59	1/4		1/4	
1/2	2,027.18	1/2	1,750.41	1/2	1,473.64	1/2	1,196.87	1/2	920.11	1/2	643.34	1/2	374.57	1/2	97.83	1/2		1/2	
3/4	2,021.41	3/4	1,744.64	3/4	1,467.88	3/4	1,191.11	3/4	914.34	3/4	637.72	3/4	368.80	3/4	92.08	3/4		3/4	
7	2,015.65	7	1,738.88	7	1,462.11	7	1,185.34	7	908.57	7	632.09	7	363.03	7	86.33	7		7	
1/4	2,009.88	1/4	1,733.11	1/4	1,456.34	1/4	1,179.58	1/4	902.81	1/4	626.47	1/4	357.27	1/4	80.58	1/4		1/4	
1/2	2,004.11	1/2	1,727.35	1/2	1,450.58	1/2	1,173.81	1/2	897.04	1/2	620.85	1/2	351.50	1/2	74.83	1/2		1/2	
3/4	1,998.35	3/4	1,721.58	3/4	1,444.81	3/4	1,168.04	3/4	891.28	3/4	615.28	3/4	345.74	3/4	69.09	3/4		3/4	
8	1,992.58	8	1,715.81	8	1,439.05	8	1,162.28	8	885.51	8	609.71	8	339.97	8	63.36	8		8	
1/4	1,986.82	1/4	1,710.05	1/4	1,433.28	1/4	1,156.51	1/4	879.74	1/4	604.14	1/4	334.21	1/4	57.63	1/4		1/4	
1/2	1,981.05	1/2	1,704.28	1/2	1,427.51	1/2	1,150.75	1/2	873.98	1/2	598.57	1/2	328.44	1/2	51.90	1/2		1/2	
3/4	1,975.28	3/4	1,698.52	3/4	1,421.75	3/4	1,144.98	3/4	868.21	3/4	593.00	3/4	322.67	3/4	46.20	3/4		3/4	
9	1,969.52	9	1,692.75	9	1,415.98	9	1,139.21	9	862.45	9	587.44	9	316.91	9	40.50	9		9	
1/4	1,963.75	1/4	1,686.98	1/4	1,410.22	1/4	1,133.45	1/4	856.68	1/4	581.87	1/4	311.14	1/4	34.80	1/4		1/4	
1/2	1,957.99	1/2	1,681.22	1/2	1,404.45	1/2	1,127.68	1/2	850.91	1/2	576.31	1/2	305.38	1/2	29.10	1/2		1/2	
3/4	1,952.22	3/4	1,675.45	3/4	1,398.68	3/4	1,121.92	3/4	845.15	3/4	570.74	3/4	299.61	3/4	23.46	3/4		3/4	
10	1,946.45	10	1,669.69	10	1,392.92	10	1,116.15	10	839.38	10	565.18	10	293.85	10	17.82	10		10	
1/4	1,940.69	1/4	1,663.92	1/4	1,387.15	1/4	1,110.38	1/4	833.62	1/4	559.61	1/4	288.08	1/4	12.17	1/4		1/4	
1/2	1,934.92	1/2	1,658.15	1/2	1,381.39	1/2	1,104.62	1/2	827.85	1/2	554.05	1/2	282.31	1/2	6.53	1/2		1/2	
3/4	1,929.16	3/4	1,652.39	3/4	1,375.62	3/4	1,098.85	3/4	822.08	3/4	548.49	3/4	276.55	3/4		3/4		3/4	
11	1,923.39	11	1,646.62	11	1,369.85	11	1,093.09	11	816.32	11	542.92	11	270.78	11		11		11	
1/4	1,917.62	1/4	1,640.86	1/4	1,364.09	1/4	1,087.32	1/4	810.55	1/4	537.36	1/4	265.02	1/4		1/4		1/4	
1/2	1,911.86	1/2	1,635.09	1/2	1,358.32	1/2	1,081.55	1/2	804.79	1/2	531.79	1/2	259.25	1/2		1/2		1/2	
3/4	1,906.09	3/4	1,629.32	3/4	1,352.56	3/4	1,075.79	3/4	799.02	3/4	526.23	3/4	253.49	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/25/2015 PMA
RECALCULATED: 03/05/2021 PMA
NAME CHANGE: 03/05/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2021

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



BARGE "KIRBY 11352"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 131"

GAUGE HEIGHT 17'-10 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	3,655.98	0	3,415.77	0	3,169.84	0	2,923.91	0	2,677.98	0	2,432.05	0	2,186.13
1/4		1/4		1/4		1/4	3,651.96	1/4	3,410.64	1/4	3,164.71	1/4	2,918.79	1/4	2,672.86	1/4	2,426.93	1/4	2,181.00
1/2		1/2		1/2		1/2	3,647.94	1/2	3,405.52	1/2	3,159.59	1/2	2,913.66	1/2	2,667.73	1/2	2,421.81	1/2	2,175.88
3/4		3/4		3/4		3/4	3,643.15	3/4	3,400.39	3/4	3,154.47	3/4	2,908.54	3/4	2,662.61	3/4	2,416.68	3/4	2,170.75
1		1		1		1	3,638.35	1	3,395.27	1	3,149.34	1	2,903.42	1	2,657.49	1	2,411.56	1	2,165.63
1/4		1/4		1/4		1/4	3,633.56	1/4	3,390.15	1/4	3,144.22	1/4	2,898.29	1/4	2,652.36	1/4	2,406.44	1/4	2,160.51
1/2		1/2		1/2		1/2	3,628.76	1/2	3,385.02	1/2	3,139.10	1/2	2,893.17	1/2	2,647.24	1/2	2,401.31	1/2	2,155.38
3/4		3/4		3/4		3/4	3,623.75	3/4	3,379.90	3/4	3,133.97	3/4	2,888.04	3/4	2,642.12	3/4	2,396.19	3/4	2,150.26
2		2		2		2	3,618.74	2	3,374.78	2	3,128.85	2	2,882.92	2	2,636.99	2	2,391.07	2	2,145.14
1/4		1/4		1/4		1/4	3,613.73	1/4	3,369.65	1/4	3,123.73	1/4	2,877.80	1/4	2,631.87	1/4	2,385.94	1/4	2,140.01
1/2		1/2		1/2		1/2	3,608.72	1/2	3,364.53	1/2	3,118.60	1/2	2,872.67	1/2	2,626.75	1/2	2,380.82	1/2	2,134.89
3/4		3/4		3/4		3/4	3,603.69	3/4	3,359.41	3/4	3,113.48	3/4	2,867.55	3/4	2,621.62	3/4	2,375.69	3/4	2,129.77
3		3		3		3	3,598.65	3	3,354.28	3	3,108.36	3	2,862.43	3	2,616.50	3	2,370.57	3	2,124.64
1/4		1/4		1/4		1/4	3,593.62	1/4	3,349.16	1/4	3,103.23	1/4	2,857.30	1/4	2,611.38	1/4	2,365.45	1/4	2,119.52
1/2		1/2		1/2		1/2	3,588.58	1/2	3,344.04	1/2	3,098.11	1/2	2,852.18	1/2	2,606.25	1/2	2,360.32	1/2	2,114.40
3/4		3/4		3/4		3/4	3,583.54	3/4	3,338.91	3/4	3,092.98	3/4	2,847.06	3/4	2,601.13	3/4	2,355.20	3/4	2,109.27
4		4		4		4	3,578.50	4	3,333.79	4	3,087.86	4	2,841.93	4	2,596.01	4	2,350.08	4	2,104.15
1/4		1/4		1/4		1/4	3,573.46	1/4	3,328.67	1/4	3,082.74	1/4	2,836.81	1/4	2,590.88	1/4	2,344.95	1/4	2,099.03
1/2		1/2		1/2		1/2	3,568.42	1/2	3,323.54	1/2	3,077.61	1/2	2,831.69	1/2	2,585.76	1/2	2,339.83	1/2	2,093.90
3/4		3/4		3/4		3/4	3,563.38	3/4	3,318.42	3/4	3,072.49	3/4	2,826.56	3/4	2,580.63	3/4	2,334.71	3/4	2,088.78
5		5		5		5	3,558.34	5	3,313.30	5	3,067.37	5	2,821.44	5	2,575.51	5	2,329.58	5	2,083.66
1/4		1/4		1/4		1/4	3,553.30	1/4	3,308.17	1/4	3,062.24	1/4	2,816.32	1/4	2,570.39	1/4	2,324.46	1/4	2,078.53
1/2		1/2		1/2		1/2	3,548.26	1/2	3,303.05	1/2	3,057.12	1/2	2,811.19	1/2	2,565.26	1/2	2,319.34	1/2	2,073.41
3/4		3/4		3/4		3/4	3,543.22	3/4	3,297.92	3/4	3,052.00	3/4	2,806.07	3/4	2,560.14	3/4	2,314.21	3/4	2,068.28
6		6		6		6	3,538.18	6	3,292.80	6	3,046.87	6	2,800.95	6	2,555.02	6	2,309.09	6	2,063.16
1/4		1/4		1/4		1/4	3,533.13	1/4	3,287.68	1/4	3,041.75	1/4	2,795.82	1/4	2,549.89	1/4	2,303.97	1/4	2,058.04
1/2		1/2		1/2		1/2	3,528.09	1/2	3,282.55	1/2	3,036.63	1/2	2,790.70	1/2	2,544.77	1/2	2,298.84	1/2	2,052.91
3/4		3/4		3/4		3/4	3,523.05	3/4	3,277.43	3/4	3,031.50	3/4	2,785.57	3/4	2,539.65	3/4	2,293.72	3/4	2,047.79
7		7		7		7	3,518.01	7	3,272.31	7	3,026.38	7	2,780.45	7	2,534.52	7	2,288.60	7	2,042.67
1/4		1/4		1/4		1/4	3,512.97	1/4	3,267.18	1/4	3,021.26	1/4	2,775.33	1/4	2,529.40	1/4	2,283.47	1/4	2,037.54
1/2		1/2		1/2		1/2	3,507.93	1/2	3,262.06	1/2	3,016.13	1/2	2,770.20	1/2	2,524.28	1/2	2,278.35	1/2	2,032.42
3/4		3/4		3/4		3/4	3,502.82	3/4	3,256.94	3/4	3,011.01	3/4	2,765.08	3/4	2,519.15	3/4	2,273.22	3/4	2,027.30
8		8		8	3,688.58	8	3,497.71	8	3,251.81	8	3,005.89	8	2,759.96	8	2,514.03	8	2,268.10	8	2,022.17
1/4		1/4		1/4	3,688.20	1/4	3,492.60	1/4	3,246.69	1/4	3,000.76	1/4	2,754.83	1/4	2,508.91	1/4	2,262.98	1/4	2,017.05
1/2		1/2		1/2	3,687.81	1/2	3,487.49	1/2	3,241.57	1/2	2,995.64	1/2	2,749.71	1/2	2,503.78	1/2	2,257.85	1/2	2,011.93
3/4		3/4		3/4	3,686.82	3/4	3,482.37	3/4	3,236.44	3/4	2,990.51	3/4	2,744.59	3/4	2,498.66	3/4	2,252.73	3/4	2,006.80
9		9		9	3,685.82	9	3,477.25	9	3,231.32	9	2,985.39	9	2,739.46	9	2,493.54	9	2,247.61	9	2,001.68
1/4		1/4		1/4	3,684.83	1/4	3,472.12	1/4	3,226.20	1/4	2,980.27	1/4	2,734.34	1/4	2,488.41	1/4	2,242.48	1/4	1,996.56
1/2		1/2		1/2	3,683.84	1/2	3,467.00	1/2	3,221.07	1/2	2,975.14	1/2	2,729.22	1/2	2,483.29	1/2	2,237.36	1/2	1,991.43
3/4		3/4		3/4	3,681.87	3/4	3,461.88	3/4	3,215.95	3/4	2,970.02	3/4	2,724.09	3/4	2,478.16	3/4	2,232.24	3/4	1,986.31
10		10		10	3,679.90	10	3,456.75	10	3,210.83	10	2,964.90	10	2,718.97	10	2,473.04	10	2,227.11	10	1,981.19
1/4		1/4		1/4	3,677.94	1/4	3,451.63	1/4	3,205.70	1/4	2,959.77	1/4	2,713.85	1/4	2,467.92	1/4	2,221.99	1/4	1,976.06
1/2		1/2		1/2	3,675.97	1/2	3,446.51	1/2	3,200.58	1/2	2,954.65	1/2	2,708.72	1/2	2,462.79	1/2	2,216.87	1/2	1,970.94
3/4		3/4		3/4	3,672.98	3/4	3,441.38	3/4	3,195.45	3/4	2,949.53	3/4	2,703.60	3/4	2,457.67	3/4	2,211.74	3/4	1,965.81
11		11		11	3,669.99	11	3,436.26	11	3,190.33	11	2,944.40	11	2,698.48	11	2,452.55	11	2,206.62	11	1,960.69
1/4		1/4		1/4	3,667.00	1/4	3,431.14	1/4	3,185.21	1/4	2,939.28	1/4	2,693.35	1/4	2,447.42	1/4	2,201.50	1/4	1,955.57
1/2		1/2		1/2	3,664.01	1/2	3,426.01	1/2	3,180.08	1/2	2,934.16	1/2	2,688.23	1/2	2,442.30	1/2	2,196.37	1/2	1,950.44
3/4		3/4		3/4	3,659.99	3/4	3,420.89	3/4	3,174.96	3/4	2,929.03	3/4	2,683.10	3/4	2,437.18	3/4	2,191.25	3/4	1,945.32

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 28'-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 11352"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 131"

GAUGE HEIGHT 17'-10 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	1,940.20	0	1,694.27	0	1,448.34	0	1,202.41	0	956.49	0	710.56	0	465.42	0	220.22	0		0	
1/4	1,935.07	1/4	1,689.15	1/4	1,443.22	1/4	1,197.29	1/4	951.36	1/4	705.43	1/4	460.34	1/4	215.10	1/4		1/4	
1/2	1,929.95	1/2	1,684.02	1/2	1,438.09	1/2	1,192.17	1/2	946.24	1/2	700.31	1/2	455.25	1/2	209.97	1/2		1/2	
3/4	1,924.83	3/4	1,678.90	3/4	1,432.97	3/4	1,187.04	3/4	941.11	3/4	695.19	3/4	450.17	3/4	204.85	3/4		3/4	
1	1,919.70	1	1,673.78	1	1,427.85	1	1,181.92	1	935.99	1	690.06	1	445.09	1	199.73	1		1	
1/4	1,914.58	1/4	1,668.65	1/4	1,422.72	1/4	1,176.80	1/4	930.87	1/4	684.94	1/4	440.01	1/4	194.60	1/4		1/4	
1/2	1,909.46	1/2	1,663.53	1/2	1,417.60	1/2	1,171.67	1/2	925.74	1/2	679.82	1/2	434.92	1/2	189.48	1/2		1/2	
3/4	1,904.33	3/4	1,658.40	3/4	1,412.48	3/4	1,166.55	3/4	920.62	3/4	674.69	3/4	429.84	3/4	184.36	3/4		3/4	
2	1,899.21	2	1,653.28	2	1,407.35	2	1,161.43	2	915.50	2	669.57	2	424.76	2	179.23	2		2	
1/4	1,894.09	1/4	1,648.16	1/4	1,402.23	1/4	1,156.30	1/4	910.37	1/4	664.45	1/4	419.68	1/4	174.11	1/4		1/4	
1/2	1,888.96	1/2	1,643.03	1/2	1,397.11	1/2	1,151.18	1/2	905.25	1/2	659.32	1/2	414.59	1/2	168.99	1/2		1/2	
3/4	1,883.84	3/4	1,637.91	3/4	1,391.98	3/4	1,146.05	3/4	900.13	3/4	654.20	3/4	409.51	3/4	163.86	3/4		3/4	
3	1,878.72	3	1,632.79	3	1,386.86	3	1,140.93	3	895.00	3	649.08	3	404.43	3	158.74	3		3	
1/4	1,873.59	1/4	1,627.66	1/4	1,381.74	1/4	1,135.81	1/4	889.88	1/4	643.95	1/4	399.34	1/4	153.62	1/4		1/4	
1/2	1,868.47	1/2	1,622.54	1/2	1,376.61	1/2	1,130.68	1/2	884.76	1/2	638.83	1/2	394.26	1/2	148.49	1/2		1/2	
3/4	1,863.34	3/4	1,617.42	3/4	1,371.49	3/4	1,125.56	3/4	879.63	3/4	633.70	3/4	389.17	3/4	143.37	3/4		3/4	
4	1,858.22	4	1,612.29	4	1,366.37	4	1,120.44	4	874.51	4	628.58	4	384.08	4	138.25	4		4	
1/4	1,853.10	1/4	1,607.17	1/4	1,361.24	1/4	1,115.31	1/4	869.39	1/4	623.46	1/4	378.98	1/4	133.12	1/4		1/4	
1/2	1,847.97	1/2	1,602.05	1/2	1,356.12	1/2	1,110.19	1/2	864.26	1/2	618.33	1/2	373.89	1/2	128.00	1/2		1/2	
3/4	1,842.85	3/4	1,596.92	3/4	1,350.99	3/4	1,105.07	3/4	859.14	3/4	613.21	3/4	368.78	3/4	122.88	3/4		3/4	
5	1,837.73	5	1,591.80	5	1,345.87	5	1,099.94	5	854.02	5	608.09	5	363.66	5	117.75	5		5	
1/4	1,832.60	1/4	1,586.68	1/4	1,340.75	1/4	1,094.82	1/4	848.89	1/4	602.96	1/4	358.54	1/4	112.63	1/4		1/4	
1/2	1,827.48	1/2	1,581.55	1/2	1,335.62	1/2	1,089.70	1/2	843.77	1/2	597.84	1/2	353.42	1/2	107.50	1/2		1/2	
3/4	1,822.36	3/4	1,576.43	3/4	1,330.50	3/4	1,084.57	3/4	838.64	3/4	592.73	3/4	348.30	3/4	102.39	3/4		3/4	
6	1,817.23	6	1,571.31	6	1,325.38	6	1,079.45	6	833.52	6	587.61	6	343.18	6	97.27	6		6	
1/4	1,812.11	1/4	1,566.18	1/4	1,320.25	1/4	1,074.33	1/4	828.40	1/4	582.50	1/4	338.06	1/4	92.15	1/4		1/4	
1/2	1,806.99	1/2	1,561.06	1/2	1,315.13	1/2	1,069.20	1/2	823.27	1/2	577.38	1/2	332.93	1/2	87.03	1/2		1/2	
3/4	1,801.86	3/4	1,555.93	3/4	1,310.01	3/4	1,064.08	3/4	818.15	3/4	572.28	3/4	327.81	3/4	81.92	3/4		3/4	
7	1,796.74	7	1,550.81	7	1,304.88	7	1,058.96	7	813.03	7	567.18	7	322.69	7	76.81	7		7	
1/4	1,791.62	1/4	1,545.69	1/4	1,299.76	1/4	1,053.83	1/4	807.90	1/4	562.08	1/4	317.56	1/4	71.70	1/4		1/4	
1/2	1,786.49	1/2	1,540.56	1/2	1,294.64	1/2	1,048.71	1/2	802.78	1/2	556.98	1/2	312.44	1/2	66.59	1/2		1/2	
3/4	1,781.37	3/4	1,535.44	3/4	1,289.51	3/4	1,043.58	3/4	797.66	3/4	551.88	3/4	307.32	3/4	61.50	3/4		3/4	
8	1,776.25	8	1,530.32	8	1,284.39	8	1,038.46	8	792.53	8	546.79	8	302.19	8	56.40	8		8	
1/4	1,771.12	1/4	1,525.19	1/4	1,279.27	1/4	1,033.34	1/4	787.41	1/4	541.69	1/4	297.07	1/4	51.31	1/4		1/4	
1/2	1,766.00	1/2	1,520.07	1/2	1,274.14	1/2	1,028.21	1/2	782.29	1/2	536.59	1/2	291.95	1/2	46.22	1/2		1/2	
3/4	1,760.87	3/4	1,514.95	3/4	1,269.02	3/4	1,023.09	3/4	777.16	3/4	531.51	3/4	286.82	3/4	41.16	3/4		3/4	
9	1,755.75	9	1,509.82	9	1,263.90	9	1,017.97	9	772.04	9	526.42	9	281.70	9	36.09	9		9	
1/4	1,750.63	1/4	1,504.70	1/4	1,258.77	1/4	1,012.84	1/4	766.92	1/4	521.33	1/4	276.58	1/4	31.03	1/4		1/4	
1/2	1,745.50	1/2	1,499.58	1/2	1,253.65	1/2	1,007.72	1/2	761.79	1/2	516.25	1/2	271.45	1/2	25.96	1/2		1/2	
3/4	1,740.38	3/4	1,494.45	3/4	1,248.52	3/4	1,002.60	3/4	756.67	3/4	511.16	3/4	266.33	3/4	20.95	3/4		3/4	
10	1,735.26	10	1,489.33	10	1,243.40	10	997.47	10	751.55	10	506.08	10	261.21	10	15.93	10		10	
1/4	1,730.13	1/4	1,484.21	1/4	1,238.28	1/4	992.35	1/4	746.42	1/4	501.00	1/4	256.08	1/4	10.92	1/4		1/4	
1/2	1,725.01	1/2	1,479.08	1/2	1,233.15	1/2	987.23	1/2	741.30	1/2	495.92	1/2	250.96	1/2	5.90	1/2		1/2	
3/4	1,719.89	3/4	1,473.96	3/4	1,228.03	3/4	982.10	3/4	736.17	3/4	490.83	3/4	245.84	3/4		3/4		3/4	
11	1,714.76	11	1,468.84	11	1,222.91	11	976.98	11	731.05	11	485.75	11	240.71	11		11		11	
1/4	1,709.64	1/4	1,463.71	1/4	1,217.78	1/4	971.86	1/4	725.93	1/4	480.67	1/4	235.59	1/4		1/4		1/4	
1/2	1,704.52	1/2	1,458.59	1/2	1,212.66	1/2	966.73	1/2	720.80	1/2	475.58	1/2	230.47	1/2		1/2		1/2	
3/4	1,699.39	3/4	1,453.46	3/4	1,207.54	3/4	961.61	3/4	715.68	3/4	470.50	3/4	225.34	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/25/2015 PMA
RECALCULATED: 03/05/2021 PMA
NAME CHANGE: 03/05/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2021

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