



BARGE "KIRBY 11330"

INNAGE TRIM TABLE

FORMERLY "CGBM 103"

	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	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-5/8	- 02-5/8
2 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
3 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

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

LENGTH BETWEEN DRAFT MARKS: 167'-06"

March 1, 2022

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
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BARGE "KIRBY 11330"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: CGBM 103

GAUGE HEIGHT 16'-03"

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	0.56	0	236.05	0	479.75	0	722.82	0	966.24	0	1,209.82	0	1,453.42	0	1,697.02	0	1,940.69	0	2,184.42
1/4	4.93	1/4	241.13	1/4	484.83	1/4	727.88	1/4	971.31	1/4	1,214.90	1/4	1,458.50	1/4	1,702.10	1/4	1,945.77	1/4	2,189.50
1/2	9.29	1/2	246.21	1/2	489.90	1/2	732.93	1/2	976.38	1/2	1,219.97	1/2	1,463.57	1/2	1,707.17	1/2	1,950.85	1/2	2,194.58
3/4	13.66	3/4	251.28	3/4	494.98	3/4	737.99	3/4	981.46	3/4	1,225.05	3/4	1,468.65	3/4	1,712.25	3/4	1,955.92	3/4	2,199.65
1	18.02	1	256.36	1	500.06	1	743.05	1	986.53	1	1,230.12	1	1,473.72	1	1,717.32	1	1,961.00	1	2,204.73
1/4	22.54	1/4	261.44	1/4	505.13	1/4	748.11	1/4	991.60	1/4	1,235.20	1/4	1,478.80	1/4	1,722.40	1/4	1,966.08	1/4	2,209.81
1/2	27.07	1/2	266.51	1/2	510.21	1/2	753.17	1/2	996.67	1/2	1,240.27	1/2	1,483.87	1/2	1,727.47	1/2	1,971.16	1/2	2,214.89
3/4	31.59	3/4	271.59	3/4	515.28	3/4	758.23	3/4	1,001.75	3/4	1,245.35	3/4	1,488.95	3/4	1,732.55	3/4	1,976.23	3/4	2,219.97
2	36.11	2	276.66	2	520.36	2	763.29	2	1,006.82	2	1,250.42	2	1,494.02	2	1,737.62	2	1,981.31	2	2,225.05
1/4	40.79	1/4	281.74	1/4	525.43	1/4	768.36	1/4	1,011.90	1/4	1,255.50	1/4	1,499.10	1/4	1,742.70	1/4	1,986.39	1/4	2,230.13
1/2	45.46	1/2	286.82	1/2	530.50	1/2	773.43	1/2	1,016.97	1/2	1,260.57	1/2	1,504.17	1/2	1,747.77	1/2	1,991.47	1/2	2,235.21
3/4	50.14	3/4	291.89	3/4	535.58	3/4	778.51	3/4	1,022.05	3/4	1,265.65	3/4	1,509.25	3/4	1,752.85	3/4	1,996.54	3/4	2,240.28
3	54.81	3	296.97	3	540.65	3	783.58	3	1,027.12	3	1,270.72	3	1,514.32	3	1,757.92	3	2,001.62	3	2,245.36
1/4	59.63	1/4	302.05	1/4	545.72	1/4	788.65	1/4	1,032.20	1/4	1,275.80	1/4	1,519.40	1/4	1,763.00	1/4	2,006.70	1/4	2,250.44
1/2	64.44	1/2	307.13	1/2	550.80	1/2	793.73	1/2	1,037.27	1/2	1,280.87	1/2	1,524.47	1/2	1,768.07	1/2	2,011.78	1/2	2,255.52
3/4	69.26	3/4	312.20	3/4	555.87	3/4	798.80	3/4	1,042.35	3/4	1,285.95	3/4	1,529.55	3/4	1,773.15	3/4	2,016.85	3/4	2,260.59
4	74.07	4	317.28	4	560.95	4	803.88	4	1,047.42	4	1,291.02	4	1,534.62	4	1,778.22	4	2,021.93	4	2,265.67
1/4	79.03	1/4	322.36	1/4	566.01	1/4	808.95	1/4	1,052.50	1/4	1,296.10	1/4	1,539.70	1/4	1,783.30	1/4	2,027.01	1/4	2,270.75
1/2	83.98	1/2	327.43	1/2	571.06	1/2	814.02	1/2	1,057.57	1/2	1,301.17	1/2	1,544.77	1/2	1,788.37	1/2	2,032.09	1/2	2,275.83
3/4	88.94	3/4	332.51	3/4	576.12	3/4	819.10	3/4	1,062.65	3/4	1,306.25	3/4	1,549.85	3/4	1,793.45	3/4	2,037.17	3/4	2,280.90
5	93.89	5	337.59	5	581.18	5	824.17	5	1,067.72	5	1,311.32	5	1,554.92	5	1,798.52	5	2,042.25	5	2,285.98
1/4	98.97	1/4	342.66	1/4	586.24	1/4	829.24	1/4	1,072.80	1/4	1,316.40	1/4	1,560.00	1/4	1,803.60	1/4	2,047.33	1/4	2,291.06
1/2	104.05	1/2	347.74	1/2	591.30	1/2	834.32	1/2	1,077.87	1/2	1,321.47	1/2	1,565.07	1/2	1,808.67	1/2	2,052.40	1/2	2,296.14
3/4	109.13	3/4	352.81	3/4	596.36	3/4	839.39	3/4	1,082.95	3/4	1,326.55	3/4	1,570.15	3/4	1,813.75	3/4	2,057.48	3/4	2,301.21
6	114.21	6	357.89	6	601.42	6	844.47	6	1,088.02	6	1,331.62	6	1,575.22	6	1,818.82	6	2,062.55	6	2,306.29
1/4	119.29	1/4	362.97	1/4	606.48	1/4	849.54	1/4	1,093.10	1/4	1,336.70	1/4	1,580.30	1/4	1,823.90	1/4	2,067.63	1/4	2,311.37
1/2	124.36	1/2	368.05	1/2	611.53	1/2	854.62	1/2	1,098.17	1/2	1,341.77	1/2	1,585.37	1/2	1,828.98	1/2	2,072.71	1/2	2,316.45
3/4	129.44	3/4	373.13	3/4	616.59	3/4	859.69	3/4	1,103.25	3/4	1,346.85	3/4	1,590.45	3/4	1,834.05	3/4	2,077.79	3/4	2,321.52
7	134.51	7	378.21	7	621.65	7	864.77	7	1,108.32	7	1,351.92	7	1,595.52	7	1,839.13	7	2,082.87	7	2,326.60
1/4	139.59	1/4	383.29	1/4	626.71	1/4	869.84	1/4	1,113.40	1/4	1,357.00	1/4	1,600.60	1/4	1,844.21	1/4	2,087.95	1/4	2,331.68
1/2	144.67	1/2	388.36	1/2	631.76	1/2	874.91	1/2	1,118.47	1/2	1,362.07	1/2	1,605.67	1/2	1,849.29	1/2	2,093.03	1/2	2,336.76
3/4	149.74	3/4	393.44	3/4	636.82	3/4	879.99	3/4	1,123.55	3/4	1,367.15	3/4	1,610.75	3/4	1,854.36	3/4	2,098.10	3/4	2,341.83
8	154.82	8	398.52	8	641.88	8	885.06	8	1,128.62	8	1,372.22	8	1,615.82	8	1,859.44	8	2,103.18	8	2,346.91
1/4	159.90	1/4	403.60	1/4	646.94	1/4	890.13	1/4	1,133.70	1/4	1,377.30	1/4	1,620.90	1/4	1,864.52	1/4	2,108.26	1/4	2,351.99
1/2	164.98	1/2	408.67	1/2	652.00	1/2	895.21	1/2	1,138.77	1/2	1,382.37	1/2	1,625.97	1/2	1,869.60	1/2	2,113.34	1/2	2,357.07
3/4	170.05	3/4	413.75	3/4	657.06	3/4	900.28	3/4	1,143.85	3/4	1,387.45	3/4	1,631.05	3/4	1,874.68	3/4	2,118.41	3/4	2,362.14
9	175.13	9	418.83	9	662.12	9	905.36	9	1,148.92	9	1,392.52	9	1,636.12	9	1,879.76	9	2,123.49	9	2,367.22
1/4	180.21	1/4	423.91	1/4	667.18	1/4	910.43	1/4	1,154.00	1/4	1,397.60	1/4	1,641.20	1/4	1,884.84	1/4	2,128.57	1/4	2,372.30
1/2	185.28	1/2	428.98	1/2	672.23	1/2	915.50	1/2	1,159.07	1/2	1,402.67	1/2	1,646.27	1/2	1,889.92	1/2	2,133.65	1/2	2,377.38
3/4	190.36	3/4	434.06	3/4	677.29	3/4	920.58	3/4	1,164.15	3/4	1,407.75	3/4	1,651.35	3/4	1,894.99	3/4	2,138.72	3/4	2,382.46
10	195.43	10	439.14	10	682.35	10	925.65	10	1,169.22	10	1,412.82	10	1,656.42	10	1,900.07	10	2,143.80	10	2,387.54
1/4	200.51	1/4	444.22	1/4	687.41	1/4	930.72	1/4	1,174.30	1/4	1,417.90	1/4	1,661.50	1/4	1,905.15	1/4	2,148.88	1/4	2,392.62
1/2	205.59	1/2	449.29	1/2	692.47	1/2	935.80	1/2	1,179.37	1/2	1,422.97	1/2	1,666.57	1/2	1,910.23	1/2	2,153.96	1/2	2,397.69
3/4	210.66	3/4	454.37	3/4	697.53	3/4	940.87	3/4	1,184.45	3/4	1,428.05	3/4	1,671.65	3/4	1,915.30	3/4	2,159.03	3/4	2,402.77
11	215.74	11	459.45	11	702.59	11	945.95	11	1,189.52	11	1,433.12	11	1,676.72	11	1,920.38	11	2,164.11	11	2,407.84
1/4	220.82	1/4	464.52	1/4	707.65	1/4	951.02	1/4	1,194.60	1/4	1,438.20	1/4	1,681.80	1/4	1,925.46	1/4	2,169.19	1/4	2,412.92
1/2	225.90	1/2	469.60	1/2	712.70	1/2	956.09	1/2	1,199.67	1/2	1,443.27	1/2	1,686.87	1/2	1,930.54	1/2	2,174.27	1/2	2,417.99
3/4	230.97	3/4	474.67	3/4	717.76	3/4	961.17	3/4	1,204.75	3/4	1,448.35	3/4	1,691.95	3/4	1,935.61	3/4	2,179.34	3/4	2,423.07

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 INNAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 20'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 11330"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: CGBM 103

GAUGE HEIGHT 16'-03"

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	2,428.14	0	2,665.13	0	2,878.13	0	3,091.12	0	3,304.12	0	3,487.45	0		0		0		0	
1/4	2,433.22	1/4	2,669.57	1/4	2,882.57	1/4	3,095.56	1/4	3,308.56	1/4	3,487.83	1/4		1/4		1/4		1/4	
1/2	2,438.29	1/2	2,674.01	1/2	2,887.00	1/2	3,100.00	1/2	3,313.00	1/2	3,488.21	1/2		1/2		1/2		1/2	
3/4	2,443.37	3/4	2,678.44	3/4	2,891.44	3/4	3,104.43	3/4	3,317.43	3/4	3,488.58	3/4		3/4		3/4		3/4	
1	2,448.44	1	2,682.88	1	2,895.87	1	3,108.87	1	3,321.87	1	3,488.96	1		1		1		1	
1/4	2,453.52	1/4	2,687.32	1/4	2,900.31	1/4	3,113.31	1/4	3,326.31	1/4		1/4		1/4		1/4		1/4	
1/2	2,458.60	1/2	2,691.76	1/2	2,904.75	1/2	3,117.75	1/2	3,330.74	1/2		1/2		1/2		1/2		1/2	
3/4	2,463.67	3/4	2,696.19	3/4	2,909.18	3/4	3,122.18	3/4	3,335.18	3/4		3/4		3/4		3/4		3/4	
2	2,468.75	2	2,700.63	2	2,913.62	2	3,126.62	2	3,339.61	2		2		2		2		2	
1/4	2,473.83	1/4	2,705.07	1/4	2,918.06	1/4	3,131.06	1/4	3,344.05	1/4		1/4		1/4		1/4		1/4	
1/2	2,478.90	1/2	2,709.51	1/2	2,922.50	1/2	3,135.50	1/2	3,348.49	1/2		1/2		1/2		1/2		1/2	
3/4	2,483.98	3/4	2,713.94	3/4	2,926.93	3/4	3,139.93	3/4	3,352.92	3/4		3/4		3/4		3/4		3/4	
3	2,489.05	3	2,718.38	3	2,931.37	3	3,144.37	3	3,357.36	3		3		3		3		3	
1/4	2,494.13	1/4	2,722.82	1/4	2,935.81	1/4	3,148.81	1/4	3,361.80	1/4		1/4		1/4		1/4		1/4	
1/2	2,499.20	1/2	2,727.26	1/2	2,940.25	1/2	3,153.25	1/2	3,366.24	1/2		1/2		1/2		1/2		1/2	
3/4	2,504.28	3/4	2,731.69	3/4	2,944.68	3/4	3,157.68	3/4	3,370.67	3/4		3/4		3/4		3/4		3/4	
4	2,509.35	4	2,736.13	4	2,949.12	4	3,162.12	4	3,375.11	4		4		4		4		4	
1/4	2,514.43	1/4	2,740.57	1/4	2,953.56	1/4	3,166.56	1/4	3,379.55	1/4		1/4		1/4		1/4		1/4	
1/2	2,519.50	1/2	2,745.01	1/2	2,958.00	1/2	3,171.00	1/2	3,383.99	1/2		1/2		1/2		1/2		1/2	
3/4	2,524.58	3/4	2,749.44	3/4	2,962.43	3/4	3,175.43	3/4	3,388.42	3/4		3/4		3/4		3/4		3/4	
5	2,529.65	5	2,753.88	5	2,966.87	5	3,179.87	5	3,392.86	5		5		5		5		5	
1/4	2,534.73	1/4	2,758.32	1/4	2,971.31	1/4	3,184.31	1/4	3,397.30	1/4		1/4		1/4		1/4		1/4	
1/2	2,539.80	1/2	2,762.76	1/2	2,975.75	1/2	3,188.75	1/2	3,401.74	1/2		1/2		1/2		1/2		1/2	
3/4	2,544.88	3/4	2,767.19	3/4	2,980.18	3/4	3,193.18	3/4	3,406.17	3/4		3/4		3/4		3/4		3/4	
6	2,549.95	6	2,771.63	6	2,984.62	6	3,197.62	6	3,410.61	6		6		6		6		6	
1/4	2,555.03	1/4	2,776.07	1/4	2,989.06	1/4	3,202.06	1/4	3,415.05	1/4		1/4		1/4		1/4		1/4	
1/2	2,560.11	1/2	2,780.51	1/2	2,993.50	1/2	3,206.50	1/2	3,419.49	1/2		1/2		1/2		1/2		1/2	
3/4	2,565.18	3/4	2,784.94	3/4	2,997.93	3/4	3,210.93	3/4	3,423.92	3/4		3/4		3/4		3/4		3/4	
7	2,570.26	7	2,789.38	7	3,002.37	7	3,215.37	7	3,428.36	7		7		7		7		7	
1/4	2,575.27	1/4	2,793.82	1/4	3,006.81	1/4	3,219.81	1/4	3,432.74	1/4		1/4		1/4		1/4		1/4	
1/2	2,580.28	1/2	2,798.26	1/2	3,011.25	1/2	3,224.25	1/2	3,437.12	1/2		1/2		1/2		1/2		1/2	
3/4	2,585.29	3/4	2,802.69	3/4	3,015.68	3/4	3,228.68	3/4	3,441.49	3/4		3/4		3/4		3/4		3/4	
8	2,590.30	8	2,807.13	8	3,020.12	8	3,233.12	8	3,445.87	8		8		8		8		8	
1/4	2,595.19	1/4	2,811.57	1/4	3,024.56	1/4	3,237.56	1/4	3,449.80	1/4		1/4		1/4		1/4		1/4	
1/2	2,600.07	1/2	2,816.01	1/2	3,029.00	1/2	3,242.00	1/2	3,453.74	1/2		1/2		1/2		1/2		1/2	
3/4	2,604.96	3/4	2,820.44	3/4	3,033.43	3/4	3,246.43	3/4	3,457.67	3/4		3/4		3/4		3/4		3/4	
9	2,609.84	9	2,824.88	9	3,037.87	9	3,250.87	9	3,461.60	9		9		9		9		9	
1/4	2,614.60	1/4	2,829.32	1/4	3,042.31	1/4	3,255.31	1/4	3,464.64	1/4		1/4		1/4		1/4		1/4	
1/2	2,619.35	1/2	2,833.76	1/2	3,046.75	1/2	3,259.75	1/2	3,467.69	1/2		1/2		1/2		1/2		1/2	
3/4	2,624.11	3/4	2,838.19	3/4	3,051.18	3/4	3,264.18	3/4	3,470.73	3/4		3/4		3/4		3/4		3/4	
10	2,628.86	10	2,842.63	10	3,055.62	10	3,268.62	10	3,473.77	10		10		10		10		10	
1/4	2,633.49	1/4	2,847.07	1/4	3,060.06	1/4	3,273.06	1/4	3,475.93	1/4		1/4		1/4		1/4		1/4	
1/2	2,638.12	1/2	2,851.51	1/2	3,064.50	1/2	3,277.50	1/2	3,478.08	1/2		1/2		1/2		1/2		1/2	
3/4	2,642.75	3/4	2,855.94	3/4	3,068.93	3/4	3,281.93	3/4	3,480.24	3/4		3/4		3/4		3/4		3/4	
11	2,647.38	11	2,860.38	11	3,073.37	11	3,286.37	11	3,482.39	11		11		11		11		11	
1/4	2,651.82	1/4	2,864.82	1/4	3,077.81	1/4	3,290.81	1/4	3,483.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,656.26	1/2	2,869.26	1/2	3,082.25	1/2	3,295.25	1/2	3,484.92	1/2		1/2		1/2		1/2		1/2	
3/4	2,660.69	3/4	2,873.69	3/4	3,086.68	3/4	3,299.68	3/4	3,486.19	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/30/2007 INT
CALCULATED: 11/08/2007 WHP
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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "KIRBY 11330"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: CGBM 103

GAUGE HEIGHT 16'-03"

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	0.56	0	274.91	0	551.33	0	826.99	0	1,103.10	0	1,379.47	0	1,655.87	0	1,932.26	0	2,208.68	0	2,485.05
1/4	6.12	1/4	280.67	1/4	557.08	1/4	832.74	1/4	1,108.86	1/4	1,385.23	1/4	1,661.63	1/4	1,938.02	1/4	2,214.44	1/4	2,490.81
1/2	11.67	1/2	286.43	1/2	562.82	1/2	838.50	1/2	1,114.62	1/2	1,390.99	1/2	1,667.39	1/2	1,943.78	1/2	2,220.20	1/2	2,496.57
3/4	17.23	3/4	292.19	3/4	568.56	3/4	844.25	3/4	1,120.38	3/4	1,396.75	3/4	1,673.14	3/4	1,949.54	3/4	2,225.95	3/4	2,502.33
1	22.78	1	297.95	1	574.30	1	850.00	1	1,126.13	1	1,402.50	1	1,678.90	1	1,955.29	1	2,231.71	1	2,508.08
1/4	28.39	1/4	303.70	1/4	580.05	1/4	855.75	1/4	1,131.89	1/4	1,408.26	1/4	1,684.66	1/4	1,961.05	1/4	2,237.47	1/4	2,513.84
1/2	34.01	1/2	309.46	1/2	585.79	1/2	861.51	1/2	1,137.65	1/2	1,414.02	1/2	1,690.42	1/2	1,966.81	1/2	2,243.23	1/2	2,519.60
3/4	39.62	3/4	315.22	3/4	591.53	3/4	867.26	3/4	1,143.41	3/4	1,419.78	3/4	1,696.18	3/4	1,972.57	3/4	2,248.99	3/4	2,525.36
2	45.23	2	320.98	2	597.28	2	873.01	2	1,149.16	2	1,425.54	2	1,701.93	2	1,978.33	2	2,254.74	2	2,531.12
1/4	50.90	1/4	326.74	1/4	603.02	1/4	878.76	1/4	1,154.92	1/4	1,431.30	1/4	1,707.69	1/4	1,984.09	1/4	2,260.50	1/4	2,536.87
1/2	56.56	1/2	332.50	1/2	608.76	1/2	884.51	1/2	1,160.68	1/2	1,437.05	1/2	1,713.45	1/2	1,989.85	1/2	2,266.26	1/2	2,542.63
3/4	62.23	3/4	338.26	3/4	614.50	3/4	890.27	3/4	1,166.44	3/4	1,442.81	3/4	1,719.21	3/4	1,995.61	3/4	2,272.02	3/4	2,548.39
3	67.89	3	344.02	3	620.25	3	896.02	3	1,172.19	3	1,448.57	3	1,724.97	3	2,001.36	3	2,277.77	3	2,554.15
1/4	73.60	1/4	349.77	1/4	625.99	1/4	901.77	1/4	1,177.95	1/4	1,454.33	1/4	1,730.73	1/4	2,007.12	1/4	2,283.53	1/4	2,559.91
1/2	79.30	1/2	355.53	1/2	631.73	1/2	907.52	1/2	1,183.71	1/2	1,460.09	1/2	1,736.48	1/2	2,012.88	1/2	2,289.29	1/2	2,565.66
3/4	85.01	3/4	361.29	3/4	637.48	3/4	913.28	3/4	1,189.47	3/4	1,465.85	3/4	1,742.24	3/4	2,018.64	3/4	2,295.05	3/4	2,571.42
4	90.71	4	367.05	4	643.22	4	919.03	4	1,195.23	4	1,471.60	4	1,748.00	4	2,024.40	4	2,300.80	4	2,577.18
1/4	96.45	1/4	372.81	1/4	648.96	1/4	924.78	1/4	1,200.98	1/4	1,477.36	1/4	1,753.76	1/4	2,030.16	1/4	2,306.56	1/4	2,582.94
1/2	102.19	1/2	378.57	1/2	654.70	1/2	930.53	1/2	1,206.74	1/2	1,483.12	1/2	1,759.52	1/2	2,035.92	1/2	2,312.32	1/2	2,588.70
3/4	107.93	3/4	384.33	3/4	660.45	3/4	936.29	3/4	1,212.50	3/4	1,488.88	3/4	1,765.27	3/4	2,041.68	3/4	2,318.08	3/4	2,594.45
5	113.67	5	390.09	5	666.19	5	942.04	5	1,218.26	5	1,494.64	5	1,771.03	5	2,047.43	5	2,323.84	5	2,600.21
1/4	119.43	1/4	395.84	1/4	671.93	1/4	947.79	1/4	1,224.01	1/4	1,500.40	1/4	1,776.79	1/4	2,053.19	1/4	2,329.59	1/4	2,605.97
1/2	125.19	1/2	401.60	1/2	677.68	1/2	953.54	1/2	1,229.77	1/2	1,506.15	1/2	1,782.55	1/2	2,058.95	1/2	2,335.35	1/2	2,611.73
3/4	130.95	3/4	407.36	3/4	683.42	3/4	959.29	3/4	1,235.53	3/4	1,511.91	3/4	1,788.31	3/4	2,064.71	3/4	2,341.11	3/4	2,617.49
6	136.71	6	413.12	6	689.16	6	965.05	6	1,241.29	6	1,517.67	6	1,794.06	6	2,070.47	6	2,346.87	6	2,623.25
1/4	142.47	1/4	418.88	1/4	694.90	1/4	970.80	1/4	1,247.04	1/4	1,523.43	1/4	1,799.82	1/4	2,076.23	1/4	2,352.62	1/4	2,629.00
1/2	148.23	1/2	424.64	1/2	700.65	1/2	976.55	1/2	1,252.80	1/2	1,529.19	1/2	1,805.58	1/2	2,081.99	1/2	2,358.38	1/2	2,634.76
3/4	153.98	3/4	430.40	3/4	706.39	3/4	982.30	3/4	1,258.56	3/4	1,534.95	3/4	1,811.34	3/4	2,087.75	3/4	2,364.14	3/4	2,640.52
7	159.74	7	436.16	7	712.13	7	988.06	7	1,264.32	7	1,540.70	7	1,817.10	7	2,093.51	7	2,369.90	7	2,646.28
1/4	165.50	1/4	441.92	1/4	717.88	1/4	993.81	1/4	1,270.08	1/4	1,546.46	1/4	1,822.85	1/4	2,099.26	1/4	2,375.65	1/4	2,652.04
1/2	171.26	1/2	447.67	1/2	723.62	1/2	999.56	1/2	1,275.83	1/2	1,552.22	1/2	1,828.61	1/2	2,105.02	1/2	2,381.41	1/2	2,657.79
3/4	177.01	3/4	453.43	3/4	729.36	3/4	1,005.31	3/4	1,281.59	3/4	1,557.98	3/4	1,834.37	3/4	2,110.78	3/4	2,387.17	3/4	2,663.55
8	182.77	8	459.19	8	735.11	8	1,011.07	8	1,287.35	8	1,563.74	8	1,840.13	8	2,116.54	8	2,392.93	8	2,669.31
1/4	188.53	1/4	464.95	1/4	740.85	1/4	1,016.82	1/4	1,293.11	1/4	1,569.50	1/4	1,845.89	1/4	2,122.30	1/4	2,398.69	1/4	2,675.07
1/2	194.29	1/2	470.71	1/2	746.59	1/2	1,022.57	1/2	1,298.86	1/2	1,575.25	1/2	1,851.65	1/2	2,128.06	1/2	2,404.44	1/2	2,680.83
3/4	200.05	3/4	476.47	3/4	752.33	3/4	1,028.32	3/4	1,304.62	3/4	1,581.01	3/4	1,857.40	3/4	2,133.82	3/4	2,410.20	3/4	2,686.58
9	205.81	9	482.23	9	758.08	9	1,034.07	9	1,310.38	9	1,586.77	9	1,863.16	9	2,139.58	9	2,415.96	9	2,692.34
1/4	211.57	1/4	487.99	1/4	763.82	1/4	1,039.83	1/4	1,316.14	1/4	1,592.53	1/4	1,868.92	1/4	2,145.33	1/4	2,421.72	1/4	2,698.10
1/2	217.33	1/2	493.74	1/2	769.56	1/2	1,045.58	1/2	1,321.89	1/2	1,598.29	1/2	1,874.68	1/2	2,151.09	1/2	2,427.47	1/2	2,703.86
3/4	223.08	3/4	499.50	3/4	775.31	3/4	1,051.33	3/4	1,327.65	3/4	1,604.05	3/4	1,880.44	3/4	2,156.85	3/4	2,433.23	3/4	2,709.62
10	228.84	10	505.26	10	781.05	10	1,057.08	10	1,333.41	10	1,609.80	10	1,886.19	10	2,162.61	10	2,438.99	10	2,715.37
1/4	234.60	1/4	511.02	1/4	786.79	1/4	1,062.84	1/4	1,339.17	1/4	1,615.56	1/4	1,891.95	1/4	2,168.37	1/4	2,444.75	1/4	2,721.13
1/2	240.36	1/2	516.78	1/2	792.53	1/2	1,068.59	1/2	1,344.93	1/2	1,621.32	1/2	1,897.71	1/2	2,174.13	1/2	2,450.50	1/2	2,726.89
3/4	246.11	3/4	522.54	3/4	798.28	3/4	1,074.34	3/4	1,350.68	3/4	1,627.08	3/4	1,903.47	3/4	2,179.89	3/4	2,456.26	3/4	2,732.65
11	251.87	11	528.30	11	804.02	11	1,080.09	11	1,356.44	11	1,632.84	11	1,909.23	11	2,185.65	11	2,462.02	11	2,738.41
1/4	257.63	1/4	534.06	1/4	809.76	1/4	1,085.85	1/4	1,362.20	1/4	1,638.60	1/4	1,914.98	1/4	2,191.40	1/4	2,467.78	1/4	2,744.17
1/2	263.39	1/2	539.81	1/2	815.51	1/2	1,091.60	1/2	1,367.96	1/2	1,644.35	1/2	1,920.74	1/2	2,197.16	1/2	2,473.54	1/2	2,749.92
3/4	269.15	3/4	545.57	3/4	821.25	3/4	1,097.35	3/4	1,373.71	3/4	1,650.11	3/4	1,926.50	3/4	2,202.92	3/4	2,479.29	3/4	2,755.68

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 INNAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.
 GAUGE POINT: (MMC) 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 11330"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: CGBM 103

GAUGE HEIGHT 16'-03"

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	2,761.44	0	3,037.83	0	3,314.23	0	3,590.62	0	3,867.01	0	4,105.13	0		0		0		0	
1/4	2,767.20	1/4	3,043.59	1/4	3,319.99	1/4	3,596.38	1/4	3,872.77	1/4	4,105.63	1/4		1/4		1/4		1/4	
1/2	2,772.96	1/2	3,049.35	1/2	3,325.75	1/2	3,602.14	1/2	3,878.53	1/2	4,106.13	1/2		1/2		1/2		1/2	
3/4	2,778.71	3/4	3,055.10	3/4	3,331.51	3/4	3,607.89	3/4	3,884.29	3/4	4,106.63	3/4		3/4		3/4		3/4	
1	2,784.47	1	3,060.86	1	3,337.26	1	3,613.65	1	3,890.05	1	4,107.13	1		1		1		1	
1/4	2,790.23	1/4	3,066.62	1/4	3,343.02	1/4	3,619.41	1/4	3,895.81	1/4		1/4		1/4		1/4		1/4	
1/2	2,795.99	1/2	3,072.38	1/2	3,348.78	1/2	3,625.17	1/2	3,901.57	1/2		1/2		1/2		1/2		1/2	
3/4	2,801.75	3/4	3,078.14	3/4	3,354.54	3/4	3,630.93	3/4	3,907.32	3/4		3/4		3/4		3/4		3/4	
2	2,807.50	2	3,083.90	2	3,360.30	2	3,636.69	2	3,913.08	2		2		2		2		2	
1/4	2,813.26	1/4	3,089.65	1/4	3,366.05	1/4	3,642.44	1/4	3,918.84	1/4		1/4		1/4		1/4		1/4	
1/2	2,819.02	1/2	3,095.41	1/2	3,371.81	1/2	3,648.20	1/2	3,924.60	1/2		1/2		1/2		1/2		1/2	
3/4	2,824.78	3/4	3,101.17	3/4	3,377.57	3/4	3,653.96	3/4	3,930.35	3/4		3/4		3/4		3/4		3/4	
3	2,830.54	3	3,106.93	3	3,383.33	3	3,659.72	3	3,936.11	3		3		3		3		3	
1/4	2,836.29	1/4	3,112.69	1/4	3,389.09	1/4	3,665.48	1/4	3,941.87	1/4		1/4		1/4		1/4		1/4	
1/2	2,842.05	1/2	3,118.45	1/2	3,394.85	1/2	3,671.23	1/2	3,947.63	1/2		1/2		1/2		1/2		1/2	
3/4	2,847.81	3/4	3,124.20	3/4	3,400.60	3/4	3,676.99	3/4	3,953.39	3/4		3/4		3/4		3/4		3/4	
4	2,853.57	4	3,129.96	4	3,406.36	4	3,682.75	4	3,959.15	4		4		4		4		4	
1/4	2,859.33	1/4	3,135.72	1/4	3,412.12	1/4	3,688.51	1/4	3,964.91	1/4		1/4		1/4		1/4		1/4	
1/2	2,865.09	1/2	3,141.48	1/2	3,417.88	1/2	3,694.27	1/2	3,970.67	1/2		1/2		1/2		1/2		1/2	
3/4	2,870.84	3/4	3,147.24	3/4	3,423.64	3/4	3,700.02	3/4	3,976.42	3/4		3/4		3/4		3/4		3/4	
5	2,876.60	5	3,153.00	5	3,429.39	5	3,705.78	5	3,982.18	5		5		5		5		5	
1/4	2,882.36	1/4	3,158.75	1/4	3,435.15	1/4	3,711.54	1/4	3,987.94	1/4		1/4		1/4		1/4		1/4	
1/2	2,888.12	1/2	3,164.51	1/2	3,440.91	1/2	3,717.30	1/2	3,993.70	1/2		1/2		1/2		1/2		1/2	
3/4	2,893.88	3/4	3,170.27	3/4	3,446.67	3/4	3,723.06	3/4	3,999.45	3/4		3/4		3/4		3/4		3/4	
6	2,899.63	6	3,176.03	6	3,452.43	6	3,728.81	6	4,005.21	6		6		6		6		6	
1/4	2,905.39	1/4	3,181.79	1/4	3,458.18	1/4	3,734.57	1/4	4,010.97	1/4		1/4		1/4		1/4		1/4	
1/2	2,911.15	1/2	3,187.55	1/2	3,463.94	1/2	3,740.33	1/2	4,016.73	1/2		1/2		1/2		1/2		1/2	
3/4	2,916.91	3/4	3,193.31	3/4	3,469.70	3/4	3,746.09	3/4	4,022.48	3/4		3/4		3/4		3/4		3/4	
7	2,922.67	7	3,199.06	7	3,475.46	7	3,751.85	7	4,028.24	7		7		7		7		7	
1/4	2,928.42	1/4	3,204.82	1/4	3,481.22	1/4	3,757.61	1/4	4,033.93	1/4		1/4		1/4		1/4		1/4	
1/2	2,934.18	1/2	3,210.58	1/2	3,486.97	1/2	3,763.36	1/2	4,039.62	1/2		1/2		1/2		1/2		1/2	
3/4	2,939.94	3/4	3,216.34	3/4	3,492.73	3/4	3,769.12	3/4	4,045.31	3/4		3/4		3/4		3/4		3/4	
8	2,945.70	8	3,222.10	8	3,498.49	8	3,774.88	8	4,051.00	8		8		8		8		8	
1/4	2,951.46	1/4	3,227.86	1/4	3,504.25	1/4	3,780.64	1/4	4,056.11	1/4		1/4		1/4		1/4		1/4	
1/2	2,957.22	1/2	3,233.61	1/2	3,510.01	1/2	3,786.40	1/2	4,061.23	1/2		1/2		1/2		1/2		1/2	
3/4	2,962.97	3/4	3,239.37	3/4	3,515.77	3/4	3,792.15	3/4	4,066.34	3/4		3/4		3/4		3/4		3/4	
9	2,968.73	9	3,245.13	9	3,521.52	9	3,797.91	9	4,071.45	9		9		9		9		9	
1/4	2,974.49	1/4	3,250.89	1/4	3,527.28	1/4	3,803.67	1/4	4,075.41	1/4		1/4		1/4		1/4		1/4	
1/2	2,980.25	1/2	3,256.65	1/2	3,533.04	1/2	3,809.43	1/2	4,079.37	1/2		1/2		1/2		1/2		1/2	
3/4	2,986.01	3/4	3,262.41	3/4	3,538.80	3/4	3,815.19	3/4	4,083.33	3/4		3/4		3/4		3/4		3/4	
10	2,991.76	10	3,268.16	10	3,544.56	10	3,820.94	10	4,087.29	10		10		10		10		10	
1/4	2,997.52	1/4	3,273.92	1/4	3,550.31	1/4	3,826.70	1/4	4,090.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,003.28	1/2	3,279.68	1/2	3,556.07	1/2	3,832.46	1/2	4,092.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,009.04	3/4	3,285.44	3/4	3,561.83	3/4	3,838.22	3/4	4,095.71	3/4		3/4		3/4		3/4		3/4	
11	3,014.80	11	3,291.20	11	3,567.59	11	3,843.98	11	4,098.51	11		11		11		11		11	
1/4	3,020.55	1/4	3,296.96	1/4	3,573.35	1/4	3,849.73	1/4	4,100.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,026.31	1/2	3,302.71	1/2	3,579.10	1/2	3,855.49	1/2	4,101.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,032.07	3/4	3,308.47	3/4	3,584.86	3/4	3,861.25	3/4	4,103.48	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/30/2007 INT
CALCULATED: 11/08/2007 WHP
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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2022

PRECISION MEASUREMENT
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BARGE "KIRBY 11330"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: CGBM 103

GAUGE HEIGHT 16'-03"

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	0.56	0	246.26	0	493.84	0	740.71	0	988.00	0	1,235.52	0	1,483.07	0	1,730.61	0	1,978.16	0	2,225.70
1/4	5.54	1/4	251.42	1/4	498.98	1/4	745.86	1/4	993.16	1/4	1,240.68	1/4	1,488.23	1/4	1,735.77	1/4	1,983.32	1/4	2,230.86
1/2	10.51	1/2	256.58	1/2	504.13	1/2	751.01	1/2	998.31	1/2	1,245.84	1/2	1,493.39	1/2	1,740.93	1/2	1,988.48	1/2	2,236.01
3/4	15.49	3/4	261.73	3/4	509.27	3/4	756.16	3/4	1,003.47	3/4	1,250.99	3/4	1,498.54	3/4	1,746.08	3/4	1,993.63	3/4	2,241.17
1	20.46	1	266.89	1	514.41	1	761.32	1	1,008.63	1	1,256.15	1	1,503.70	1	1,751.24	1	1,998.79	1	2,246.33
1/4	25.49	1/4	272.05	1/4	519.55	1/4	766.47	1/4	1,013.78	1/4	1,261.31	1/4	1,508.86	1/4	1,756.40	1/4	2,003.95	1/4	2,251.48
1/2	30.51	1/2	277.21	1/2	524.70	1/2	771.62	1/2	1,018.94	1/2	1,266.46	1/2	1,514.01	1/2	1,761.56	1/2	2,009.10	1/2	2,256.64
3/4	35.54	3/4	282.37	3/4	529.84	3/4	776.77	3/4	1,024.10	3/4	1,271.62	3/4	1,519.17	3/4	1,766.71	3/4	2,014.26	3/4	2,261.80
2	40.56	2	287.52	2	534.98	2	781.92	2	1,029.25	2	1,276.78	2	1,524.33	2	1,771.87	2	2,019.42	2	2,266.96
1/4	45.64	1/4	292.68	1/4	540.13	1/4	787.08	1/4	1,034.41	1/4	1,281.94	1/4	1,529.49	1/4	1,777.03	1/4	2,024.58	1/4	2,272.11
1/2	50.71	1/2	297.84	1/2	545.27	1/2	792.23	1/2	1,039.57	1/2	1,287.09	1/2	1,534.64	1/2	1,782.19	1/2	2,029.73	1/2	2,277.27
3/4	55.79	3/4	303.00	3/4	550.41	3/4	797.38	3/4	1,044.72	3/4	1,292.25	3/4	1,539.80	3/4	1,787.34	3/4	2,034.89	3/4	2,282.43
3	60.86	3	308.15	3	555.56	3	802.53	3	1,049.88	3	1,297.41	3	1,544.96	3	1,792.50	3	2,040.05	3	2,287.59
1/4	65.97	1/4	313.31	1/4	560.70	1/4	807.68	1/4	1,055.04	1/4	1,302.57	1/4	1,550.11	1/4	1,797.66	1/4	2,045.20	1/4	2,292.74
1/2	71.08	1/2	318.47	1/2	565.84	1/2	812.83	1/2	1,060.19	1/2	1,307.72	1/2	1,555.27	1/2	1,802.81	1/2	2,050.36	1/2	2,297.90
3/4	76.18	3/4	323.63	3/4	570.99	3/4	817.99	3/4	1,065.35	3/4	1,312.88	3/4	1,560.43	3/4	1,807.97	3/4	2,055.52	3/4	2,303.06
4	81.29	4	328.79	4	576.13	4	823.14	4	1,070.51	4	1,318.04	4	1,565.58	4	1,813.13	4	2,060.67	4	2,308.22
1/4	86.43	1/4	333.94	1/4	581.27	1/4	828.29	1/4	1,075.66	1/4	1,323.19	1/4	1,570.74	1/4	1,818.29	1/4	2,065.83	1/4	2,313.37
1/2	91.58	1/2	339.10	1/2	586.41	1/2	833.44	1/2	1,080.82	1/2	1,328.35	1/2	1,575.90	1/2	1,823.44	1/2	2,070.99	1/2	2,318.53
3/4	96.72	3/4	344.26	3/4	591.56	3/4	838.59	3/4	1,085.98	3/4	1,333.51	3/4	1,581.06	3/4	1,828.60	3/4	2,076.15	3/4	2,323.69
5	101.86	5	349.42	5	596.70	5	843.75	5	1,091.13	5	1,338.67	5	1,586.21	5	1,833.76	5	2,081.30	5	2,328.84
1/4	107.02	1/4	354.58	1/4	601.84	1/4	848.90	1/4	1,096.29	1/4	1,343.82	1/4	1,591.37	1/4	1,838.92	1/4	2,086.46	1/4	2,334.00
1/2	112.18	1/2	359.73	1/2	606.99	1/2	854.05	1/2	1,101.45	1/2	1,348.98	1/2	1,596.53	1/2	1,844.07	1/2	2,091.62	1/2	2,339.16
3/4	117.33	3/4	364.89	3/4	612.13	3/4	859.20	3/4	1,106.60	3/4	1,354.14	3/4	1,601.68	3/4	1,849.23	3/4	2,096.77	3/4	2,344.32
6	122.49	6	370.05	6	617.27	6	864.35	6	1,111.76	6	1,359.30	6	1,606.84	6	1,854.39	6	2,101.93	6	2,349.47
1/4	127.65	1/4	375.21	1/4	622.42	1/4	869.51	1/4	1,116.92	1/4	1,364.45	1/4	1,612.00	1/4	1,859.54	1/4	2,107.09	1/4	2,354.63
1/2	132.81	1/2	380.37	1/2	627.56	1/2	874.66	1/2	1,122.07	1/2	1,369.61	1/2	1,617.16	1/2	1,864.70	1/2	2,112.24	1/2	2,359.79
3/4	137.96	3/4	385.52	3/4	632.70	3/4	879.81	3/4	1,127.23	3/4	1,374.77	3/4	1,622.31	3/4	1,869.86	3/4	2,117.40	3/4	2,364.95
7	143.12	7	390.68	7	637.85	7	884.96	7	1,132.39	7	1,379.93	7	1,627.47	7	1,875.02	7	2,122.56	7	2,370.10
1/4	148.28	1/4	395.84	1/4	642.99	1/4	890.11	1/4	1,137.54	1/4	1,385.08	1/4	1,632.63	1/4	1,880.17	1/4	2,127.72	1/4	2,375.26
1/2	153.44	1/2	401.00	1/2	648.13	1/2	895.26	1/2	1,142.70	1/2	1,390.24	1/2	1,637.78	1/2	1,885.33	1/2	2,132.87	1/2	2,380.42
3/4	158.59	3/4	406.15	3/4	653.28	3/4	900.42	3/4	1,147.86	3/4	1,395.40	3/4	1,642.94	3/4	1,890.49	3/4	2,138.03	3/4	2,385.57
8	163.75	8	411.31	8	658.42	8	905.57	8	1,153.01	8	1,400.55	8	1,648.10	8	1,895.65	8	2,143.19	8	2,390.73
1/4	168.91	1/4	416.47	1/4	663.56	1/4	910.72	1/4	1,158.17	1/4	1,405.71	1/4	1,653.26	1/4	1,900.80	1/4	2,148.34	1/4	2,395.89
1/2	174.07	1/2	421.63	1/2	668.70	1/2	915.87	1/2	1,163.33	1/2	1,410.87	1/2	1,658.41	1/2	1,905.96	1/2	2,153.50	1/2	2,401.05
3/4	179.22	3/4	426.79	3/4	673.85	3/4	921.02	3/4	1,168.48	3/4	1,416.03	3/4	1,663.57	3/4	1,911.12	3/4	2,158.66	3/4	2,406.20
9	184.38	9	431.94	9	678.99	9	926.18	9	1,173.64	9	1,421.18	9	1,668.73	9	1,916.27	9	2,163.81	9	2,411.36
1/4	189.54	1/4	437.10	1/4	684.13	1/4	931.33	1/4	1,178.80	1/4	1,426.34	1/4	1,673.88	1/4	1,921.43	1/4	2,168.97	1/4	2,416.52
1/2	194.70	1/2	442.26	1/2	689.28	1/2	936.48	1/2	1,183.95	1/2	1,431.50	1/2	1,679.04	1/2	1,926.59	1/2	2,174.13	1/2	2,421.68
3/4	199.85	3/4	447.42	3/4	694.42	3/4	941.63	3/4	1,189.11	3/4	1,436.66	3/4	1,684.20	3/4	1,931.75	3/4	2,179.29	3/4	2,426.83
10	205.01	10	452.58	10	699.56	10	946.78	10	1,194.27	10	1,441.81	10	1,689.36	10	1,936.90	10	2,184.44	10	2,431.99
1/4	210.17	1/4	457.73	1/4	704.71	1/4	951.94	1/4	1,199.42	1/4	1,446.97	1/4	1,694.51	1/4	1,942.06	1/4	2,189.60	1/4	2,437.15
1/2	215.33	1/2	462.89	1/2	709.85	1/2	957.09	1/2	1,204.58	1/2	1,452.13	1/2	1,699.67	1/2	1,947.22	1/2	2,194.76	1/2	2,442.31
3/4	220.48	3/4	468.05	3/4	714.99	3/4	962.24	3/4	1,209.74	3/4	1,457.28	3/4	1,704.83	3/4	1,952.38	3/4	2,199.91	3/4	2,447.46
11	225.64	11	473.21	11	720.14	11	967.39	11	1,214.89	11	1,462.44	11	1,709.98	11	1,957.53	11	2,205.07	11	2,452.62
1/4	230.80	1/4	478.37	1/4	725.28	1/4	972.54	1/4	1,220.05	1/4	1,467.60	1/4	1,715.14	1/4	1,962.69	1/4	2,210.23	1/4	2,457.78
1/2	235.95	1/2	483.52	1/2	730.42	1/2	977.70	1/2	1,225.21	1/2	1,472.76	1/2	1,720.30	1/2	1,967.85	1/2	2,215.38	1/2	2,462.93
3/4	241.11	3/4	488.68	3/4	735.56	3/4	982.85	3/4	1,230.36	3/4	1,477.91	3/4	1,725.45	3/4	1,973.01	3/4	2,220.54	3/4	2,468.09

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 INNAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 20'-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 11330"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: CGBM 103

GAUGE HEIGHT 16'-03"

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	2,473.25	0	2,720.80	0	2,968.34	0	3,215.89	0	3,463.43	0	3,676.69	0		0		0		0	
1/4	2,478.41	1/4	2,725.96	1/4	2,973.50	1/4	3,221.05	1/4	3,468.59	1/4	3,677.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,483.56	1/2	2,731.11	1/2	2,978.65	1/2	3,226.20	1/2	3,473.75	1/2	3,677.58	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,488.72	3/4	2,736.27	3/4	2,983.81	3/4	3,231.36	3/4	3,478.90	3/4	3,678.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,493.88	1	2,741.43	1	2,988.97	1	3,236.52	1	3,484.06	1	3,678.48	1	1	1	1	1	1	1	1
1/4	2,499.04	1/4	2,746.58	1/4	2,994.13	1/4	3,241.68	1/4	3,489.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,504.19	1/2	2,751.74	1/2	2,999.28	1/2	3,246.83	1/2	3,494.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,509.35	3/4	2,756.90	3/4	3,004.44	3/4	3,251.99	3/4	3,499.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,514.51	2	2,762.06	2	3,009.60	2	3,257.15	2	3,504.69	2		2	2	2	2	2	2	2	2
1/4	2,519.66	1/4	2,767.21	1/4	3,014.76	1/4	3,262.30	1/4	3,509.85	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,524.82	1/2	2,772.37	1/2	3,019.91	1/2	3,267.46	1/2	3,515.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,529.98	3/4	2,777.53	3/4	3,025.07	3/4	3,272.62	3/4	3,520.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,535.14	3	2,782.68	3	3,030.23	3	3,277.78	3	3,525.32	3		3	3	3	3	3	3	3	3
1/4	2,540.29	1/4	2,787.84	1/4	3,035.38	1/4	3,282.93	1/4	3,530.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,545.45	1/2	2,793.00	1/2	3,040.54	1/2	3,288.09	1/2	3,535.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,550.61	3/4	2,798.16	3/4	3,045.70	3/4	3,293.25	3/4	3,540.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,555.77	4	2,803.31	4	3,050.86	4	3,298.40	4	3,545.95	4		4	4	4	4	4	4	4	4
1/4	2,560.92	1/4	2,808.47	1/4	3,056.01	1/4	3,303.56	1/4	3,551.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,566.08	1/2	2,813.63	1/2	3,061.17	1/2	3,308.72	1/2	3,556.26	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,571.24	3/4	2,818.78	3/4	3,066.33	3/4	3,313.88	3/4	3,561.42	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	2,576.39	5	2,823.94	5	3,071.49	5	3,319.03	5	3,566.58	5		5	5	5	5	5	5	5	5
1/4	2,581.55	1/4	2,829.10	1/4	3,076.64	1/4	3,324.19	1/4	3,571.74	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,586.71	1/2	2,834.26	1/2	3,081.80	1/2	3,329.35	1/2	3,576.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,591.87	3/4	2,839.41	3/4	3,086.96	3/4	3,334.50	3/4	3,582.05	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	2,597.02	6	2,844.57	6	3,092.12	6	3,339.66	6	3,587.21	6		6	6	6	6	6	6	6	6
1/4	2,602.18	1/4	2,849.73	1/4	3,097.27	1/4	3,344.82	1/4	3,592.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,607.34	1/2	2,854.88	1/2	3,102.43	1/2	3,349.97	1/2	3,597.52	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,612.50	3/4	2,860.04	3/4	3,107.59	3/4	3,355.13	3/4	3,602.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	2,617.65	7	2,865.20	7	3,112.74	7	3,360.29	7	3,607.83	7		7	7	7	7	7	7	7	7
1/4	2,622.81	1/4	2,870.36	1/4	3,117.90	1/4	3,365.45	1/4	3,612.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,627.97	1/2	2,875.51	1/2	3,123.06	1/2	3,370.60	1/2	3,618.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,633.13	3/4	2,880.67	3/4	3,128.22	3/4	3,375.76	3/4	3,623.11	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	2,638.28	8	2,885.83	8	3,133.37	8	3,380.92	8	3,628.21	8		8	8	8	8	8	8	8	8
1/4	2,643.44	1/4	2,890.98	1/4	3,138.53	1/4	3,386.07	1/4	3,632.79	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,648.60	1/2	2,896.14	1/2	3,143.69	1/2	3,391.23	1/2	3,637.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,653.75	3/4	2,901.30	3/4	3,148.85	3/4	3,396.39	3/4	3,641.95	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	2,658.91	9	2,906.45	9	3,154.00	9	3,401.55	9	3,646.53	9		9	9	9	9	9	9	9	9
1/4	2,664.07	1/4	2,911.61	1/4	3,159.16	1/4	3,406.70	1/4	3,650.07	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,669.23	1/2	2,916.77	1/2	3,164.32	1/2	3,411.86	1/2	3,653.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,674.38	3/4	2,921.93	3/4	3,169.47	3/4	3,417.02	3/4	3,657.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	2,679.54	10	2,927.08	10	3,174.63	10	3,422.17	10	3,660.71	10		10	10	10	10	10	10	10	10
1/4	2,684.70	1/4	2,932.24	1/4	3,179.79	1/4	3,427.33	1/4	3,663.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,689.86	1/2	2,937.40	1/2	3,184.95	1/2	3,432.49	1/2	3,665.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,695.01	3/4	2,942.55	3/4	3,190.10	3/4	3,437.65	3/4	3,668.25	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,700.17	11	2,947.71	11	3,195.26	11	3,442.80	11	3,670.77	11		11	11	11	11	11	11	11	11
1/4	2,705.33	1/4	2,952.87	1/4	3,200.42	1/4	3,447.96	1/4	3,672.25	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,710.48	1/2	2,958.03	1/2	3,205.58	1/2	3,453.12	1/2	3,673.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,715.64	3/4	2,963.18	3/4	3,210.73	3/4	3,458.27	3/4	3,675.21	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2022

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