



BARGE "KIRBY 11333"

ULLAGE TRIM TABLE

FORMERLY "CGBM 106"

	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	- 01-3/8	01-3/8	- 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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8

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

LENGTH BETWEEN DRAFT MARKS: 167'-06"

January 23, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11333"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 106"

GAUGE HEIGHT 16'-02 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	3,352.71	0	3,139.69	0	2,926.68	0	2,713.66	0	2,483.71	0	2,240.04	0	1,996.33	0	1,752.67		
1/4	1/4	1/4		1/4	3,348.27	1/4	3,135.26	1/4	2,922.25	1/4	2,709.23	1/4	2,478.63	1/4	2,234.97	1/4	1,991.26	1/4	1,747.59		
1/2	1/2	1/2		1/2	3,343.83	1/2	3,130.82	1/2	2,917.81	1/2	2,704.79	1/2	2,473.56	1/2	2,229.89	1/2	1,986.18	1/2	1,742.52		
3/4	3/4	3/4		3/4	3,339.39	3/4	3,126.38	3/4	2,913.37	3/4	2,700.35	3/4	2,468.48	3/4	2,224.81	3/4	1,981.10	3/4	1,737.44		
1		1		1	3,334.95	1	3,121.94	1	2,908.93	1	2,695.91	1	2,463.41	1	2,219.73	1	1,976.02	1	1,732.37		
1/4	1/4	1/4		1/4	3,330.52	1/4	3,117.51	1/4	2,904.49	1/4	2,691.48	1/4	2,458.33	1/4	2,214.66	1/4	1,970.95	1/4	1,727.29		
1/2	1/2	1/2		1/2	3,326.08	1/2	3,113.07	1/2	2,900.05	1/2	2,687.04	1/2	2,453.26	1/2	2,209.58	1/2	1,965.87	1/2	1,722.22		
3/4	3/4	3/4	3,488.75	3/4	3,321.64	3/4	3,108.63	3/4	2,895.61	3/4	2,682.60	3/4	2,448.18	3/4	2,204.50	3/4	1,960.79	3/4	1,717.14		
2		2		2	3,317.20	2	3,104.19	2	2,891.17	2	2,678.16	2	2,443.11	2	2,199.42	2	1,955.71	2	1,712.07		
1/4	1/4	1/4	3,488.00	1/4	3,312.77	1/4	3,099.76	1/4	2,886.74	1/4	2,673.73	1/4	2,438.03	1/4	2,194.35	1/4	1,950.64	1/4	1,707.00		
1/2	1/2	1/2	3,487.62	1/2	3,308.33	1/2	3,095.32	1/2	2,882.30	1/2	2,669.29	1/2	2,432.96	1/2	2,189.27	1/2	1,945.56	1/2	1,701.92		
3/4	3/4	3/4	3,487.24	3/4	3,303.89	3/4	3,090.88	3/4	2,877.86	3/4	2,664.85	3/4	2,427.88	3/4	2,184.19	3/4	1,940.48	3/4	1,696.85		
3		3		3	3,299.45	3	3,086.44	3	2,873.42	3	2,660.41	3	2,422.81	3	2,179.11	3	1,935.41	3	1,691.78		
1/4	1/4	1/4	3,484.71	1/4	3,295.02	1/4	3,082.01	1/4	2,868.99	1/4	2,655.98	1/4	2,417.73	1/4	2,174.04	1/4	1,930.33	1/4	1,686.70		
1/2	1/2	1/2	3,483.45	1/2	3,290.58	1/2	3,077.57	1/2	2,864.55	1/2	2,651.54	1/2	2,412.66	1/2	2,168.96	1/2	1,925.26	1/2	1,681.63		
3/4	3/4	3/4	3,482.18	3/4	3,286.14	3/4	3,073.13	3/4	2,860.11	3/4	2,647.10	3/4	2,407.58	3/4	2,163.88	3/4	1,920.18	3/4	1,676.55		
4		4		4	3,280.03	4	3,281.70	4	3,068.69	4	2,855.67	4	2,642.47	4	2,402.51	4	1,915.10	4	1,671.48		
1/4	1/4	1/4	3,477.87	1/4	3,277.27	1/4	3,064.25	1/4	2,851.24	1/4	2,637.84	1/4	2,397.43	1/4	2,153.73	1/4	1,910.03	1/4	1,666.40		
1/2	1/2	1/2	3,475.72	1/2	3,272.83	1/2	3,059.81	1/2	2,846.80	1/2	2,633.21	1/2	2,392.36	1/2	2,148.65	1/2	1,904.95	1/2	1,661.33		
3/4	3/4	3/4	3,473.56	3/4	3,268.39	3/4	3,055.37	3/4	2,842.36	3/4	2,628.58	3/4	2,387.28	3/4	2,143.57	3/4	1,899.87	3/4	1,656.25		
5		5		5	3,260.52	5	3,263.95	5	3,050.93	5	2,837.92	5	2,623.83	5	2,382.20	5	1,894.79	5	1,651.18		
1/4	1/4	1/4	3,467.48	1/4	3,259.52	1/4	3,046.50	1/4	2,833.49	1/4	2,619.07	1/4	2,377.13	1/4	2,133.42	1/4	1,889.72	1/4	1,646.10		
1/2	1/2	1/2	3,464.43	1/2	3,255.08	1/2	3,042.06	1/2	2,829.05	1/2	2,614.32	1/2	2,372.05	1/2	2,128.34	1/2	1,884.64	1/2	1,641.03		
3/4	3/4	3/4	3,461.39	3/4	3,250.64	3/4	3,037.62	3/4	2,824.61	3/4	2,609.56	3/4	2,366.97	3/4	2,123.26	3/4	1,879.56	3/4	1,635.95		
6		6		6	3,245.46	6	3,246.20	6	3,033.18	6	2,820.17	6	2,604.68	6	2,361.89	6	2,118.18	6	1,874.48	6	1,630.88
1/4	1/4	1/4	3,453.53	1/4	3,241.77	1/4	3,028.75	1/4	2,815.74	1/4	2,599.79	1/4	2,356.82	1/4	2,113.11	1/4	1,874.41	1/4	1,625.81		
1/2	1/2	1/2	3,449.59	1/2	3,237.33	1/2	3,024.31	1/2	2,811.30	1/2	2,594.91	1/2	2,351.74	1/2	2,108.03	1/2	1,864.33	1/2	1,620.73		
3/4	3/4	3/4	3,445.66	3/4	3,232.89	3/4	3,019.87	3/4	2,806.86	3/4	2,590.02	3/4	2,346.66	3/4	2,102.95	3/4	1,859.25	3/4	1,615.66		
7		7		7	3,441.28	7	3,228.45	7	3,015.43	7	2,802.42	7	2,585.01	7	2,341.58	7	2,097.88	7	1,854.17	7	1,610.59
1/4	1/4	1/4	3,436.91	1/4	3,224.02	1/4	3,011.00	1/4	2,797.99	1/4	2,580.00	1/4	2,336.51	1/4	2,092.80	1/4	1,849.10	1/4	1,605.51		
1/2	1/2	1/2	3,432.53	1/2	3,219.58	1/2	3,006.56	1/2	2,793.55	1/2	2,574.99	1/2	2,331.43	1/2	2,087.73	1/2	1,844.02	1/2	1,600.44		
3/4	3/4	3/4	3,428.15	3/4	3,215.14	3/4	3,002.12	3/4	2,789.11	3/4	2,569.98	3/4	2,326.35	3/4	2,082.65	3/4	1,838.94	3/4	1,595.36		
8		8		8	3,423.71	8	3,210.70	8	2,997.68	8	2,784.67	8	2,564.91	8	2,321.27	8	2,077.57	8	1,833.86	8	1,590.29
1/4	1/4	1/4	3,419.28	1/4	3,206.26	1/4	2,993.25	1/4	2,780.24	1/4	2,559.83	1/4	2,316.20	1/4	2,072.50	1/4	1,828.79	1/4	1,585.21		
1/2	1/2	1/2	3,414.84	1/2	3,201.82	1/2	2,988.81	1/2	2,775.80	1/2	2,554.76	1/2	2,311.12	1/2	2,067.42	1/2	1,823.71	1/2	1,580.14		
3/4	3/4	3/4	3,410.40	3/4	3,197.38	3/4	2,984.37	3/4	2,771.36	3/4	2,549.68	3/4	2,306.04	3/4	2,062.34	3/4	1,818.63	3/4	1,575.06		
9		9		9	3,405.96	9	3,192.94	9	2,979.93	9	2,766.92	9	2,544.61	9	2,300.96	9	2,057.26	9	1,813.56	9	1,569.99
1/4	1/4	1/4	3,401.53	1/4	3,188.51	1/4	2,975.50	1/4	2,762.48	1/4	2,539.53	1/4	2,295.89	1/4	2,052.19	1/4	1,808.48	1/4	1,564.91		
1/2	1/2	1/2	3,397.09	1/2	3,184.07	1/2	2,971.06	1/2	2,758.04	1/2	2,534.46	1/2	2,290.81	1/2	2,047.11	1/2	1,803.41	1/2	1,559.84		
3/4	3/4	3/4	3,392.65	3/4	3,179.63	3/4	2,966.62	3/4	2,753.60	3/4	2,529.38	3/4	2,285.73	3/4	2,042.03	3/4	1,798.33	3/4	1,554.76		
10		10		10	3,388.21	10	3,175.19	10	2,962.18	10	2,749.16	10	2,524.31	10	2,280.66	10	2,036.95	10	1,793.26	10	1,549.69
1/4	1/4	1/4	3,383.78	1/4	3,170.76	1/4	2,957.75	1/4	2,744.73	1/4	2,519.23	1/4	2,275.58	1/4	2,031.88	1/4	1,788.19	1/4	1,544.62		
1/2	1/2	1/2	3,379.34	1/2	3,166.32	1/2	2,953.31	1/2	2,740.29	1/2	2,514.16	1/2	2,270.51	1/2	2,026.80	1/2	1,783.11	1/2	1,539.54		
3/4	3/4	3/4	3,374.90	3/4	3,161.88	3/4	2,948.87	3/4	2,735.85	3/4	2,509.08	3/4	2,265.43	3/4	2,021.72	3/4	1,778.04	3/4	1,534.47		
11		11		11	3,370.46	11	3,157.44	11	2,944.43	11	2,731.41	11	2,504.01	11	2,260.35	11	2,016.64	11	1,772.97	11	1,529.40
1/4	1/4	1/4	3,366.03	1/4	3,153.01	1/4	2,940.00	1/4	2,726.98	1/4	2,498.93	1/4	2,255.28	1/4	2,011.57	1/4	1,772.89	1/4	1,524.32		
1/2	1/2	1/2	3,361.59	1/2	3,148.57	1/2	2,935.56	1/2	2,722.54	1/2	2,493.86	1/2	2,250.20	1/2	2,006.49	1/2	1,762.82	1/2	1,519.25		
3/4	3/4	3/4	3,357.15	3/4	3,144.13	3/4	2,931.12	3/4	2,718.10	3/4	2,488.78	3/4	2,245.12	3/4	2,001.41	3/4	1,757.74	3/4	1,514.17		

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 TO THE TOP LIP OF "MMC" 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.
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BARGE "KIRBY 11333"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 106"

GAUGE HEIGHT 16'-02 3/4"

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
	1,509.10		1,265.53		1,021.96		778.44		535.55		291.89		50.15						
1/4	1,504.02	1/4	1,260.45	1/4	1,016.88	1/4	773.37	1/4	530.47	1/4	286.81	1/4	45.48	1/4		1/4		1/4	
1/2	1,498.95	1/2	1,255.38	1/2	1,011.81	1/2	768.29	1/2	525.40	1/2	281.74	1/2	40.80	1/2		1/2		1/2	
3/4	1,493.87	3/4	1,250.30	3/4	1,006.73	3/4	763.22	3/4	520.32	3/4	276.66	3/4	36.12	3/4		3/4		3/4	
1	1,488.80	1	1,245.23	1	1,001.66	1	758.16	1	515.25	1	271.58	1	31.60	1		1		1	
1/4	1,483.72	1/4	1,240.15	1/4	996.59	1/4	753.11	1/4	510.17	1/4	266.51	1/4	27.08	1/4		1/4		1/4	
1/2	1,478.65	1/2	1,235.08	1/2	991.51	1/2	748.05	1/2	505.10	1/2	261.43	1/2	22.56	1/2		1/2		1/2	
3/4	1,473.57	3/4	1,230.00	3/4	986.44	3/4	742.99	3/4	500.02	3/4	256.35	3/4	18.04	3/4		3/4		3/4	
2	1,468.50	2	1,224.93	2	981.37	2	737.93	2	494.95	2	251.28	2	13.68	2		2		2	
1/4	1,463.42	1/4	1,219.85	1/4	976.30	1/4	732.88	1/4	489.87	1/4	246.20	1/4	9.31	1/4		1/4		1/4	
1/2	1,458.35	1/2	1,214.78	1/2	971.22	1/2	727.82	1/2	484.80	1/2	241.13	1/2	4.95	1/2		1/2		1/2	
3/4	1,453.27	3/4	1,209.70	3/4	966.15	3/4	722.76	3/4	479.72	3/4	236.05	3/4	0.56	3/4		3/4		3/4	
3	1,448.20	3	1,204.63	3	961.08	3	717.70	3	474.65	3	230.97	3		3		3		3	
1/4	1,443.13	1/4	1,199.56	1/4	956.01	1/4	712.65	1/4	469.57	1/4	225.90	1/4		1/4		1/4		1/4	
1/2	1,438.05	1/2	1,194.48	1/2	950.93	1/2	707.59	1/2	464.50	1/2	220.82	1/2		1/2		1/2		1/2	
3/4	1,432.98	3/4	1,189.41	3/4	945.86	3/4	702.53	3/4	459.42	3/4	215.74	3/4		3/4		3/4		3/4	
4	1,427.91	4	1,184.34	4	940.79	4	697.47	4	454.34	4	210.67	4		4		4		4	
1/4	1,422.83	1/4	1,179.26	1/4	935.72	1/4	692.42	1/4	449.27	1/4	205.59	1/4		1/4		1/4		1/4	
1/2	1,417.76	1/2	1,174.19	1/2	930.64	1/2	687.36	1/2	444.19	1/2	200.52	1/2		1/2		1/2		1/2	
3/4	1,412.68	3/4	1,169.11	3/4	925.57	3/4	682.30	3/4	439.11	3/4	195.44	3/4		3/4		3/4		3/4	
5	1,407.61	5	1,164.04	5	920.50	5	677.24	5	434.04	5	190.36	5		5		5		5	
1/4	1,402.53	1/4	1,158.96	1/4	915.43	1/4	672.18	1/4	428.96	1/4	185.29	1/4		1/4		1/4		1/4	
1/2	1,397.46	1/2	1,153.89	1/2	910.35	1/2	667.12	1/2	423.89	1/2	180.21	1/2		1/2		1/2		1/2	
3/4	1,392.38	3/4	1,148.81	3/4	905.28	3/4	662.06	3/4	418.81	3/4	175.13	3/4		3/4		3/4		3/4	
6	1,387.31	6	1,143.74	6	900.21	6	657.00	6	413.73	6	170.06	6		6		6		6	
1/4	1,382.23	1/4	1,138.66	1/4	895.13	1/4	651.95	1/4	408.66	1/4	164.98	1/4		1/4		1/4		1/4	
1/2	1,377.16	1/2	1,133.59	1/2	890.06	1/2	646.89	1/2	403.58	1/2	159.91	1/2		1/2		1/2		1/2	
3/4	1,372.08	3/4	1,128.51	3/4	884.98	3/4	641.83	3/4	398.50	3/4	154.83	3/4		3/4		3/4		3/4	
7	1,367.01	7	1,123.44	7	879.91	7	636.77	7	393.42	7	149.75	7		7		7		7	
1/4	1,361.94	1/4	1,118.37	1/4	874.84	1/4	631.72	1/4	388.35	1/4	144.68	1/4		1/4		1/4		1/4	
1/2	1,356.86	1/2	1,113.29	1/2	869.76	1/2	626.66	1/2	383.27	1/2	139.60	1/2		1/2		1/2		1/2	
3/4	1,351.79	3/4	1,108.22	3/4	864.69	3/4	621.60	3/4	378.19	3/4	134.52	3/4		3/4		3/4		3/4	
8	1,346.72	8	1,103.15	8	859.62	8	616.54	8	373.11	8	129.45	8		8		8		8	
1/4	1,341.64	1/4	1,098.07	1/4	854.54	1/4	611.49	1/4	368.03	1/4	124.37	1/4		1/4		1/4		1/4	
1/2	1,336.57	1/2	1,093.00	1/2	849.47	1/2	606.43	1/2	362.95	1/2	119.30	1/2		1/2		1/2		1/2	
3/4	1,331.49	3/4	1,087.92	3/4	844.39	3/4	601.37	3/4	357.87	3/4	114.22	3/4		3/4		3/4		3/4	
9	1,326.42	9	1,082.85	9	839.32	9	596.31	9	352.80	9	109.14	9		9		9		9	
1/4	1,321.34	1/4	1,077.77	1/4	834.25	1/4	591.26	1/4	347.72	1/4	104.07	1/4		1/4		1/4		1/4	
1/2	1,316.27	1/2	1,072.70	1/2	829.17	1/2	586.20	1/2	342.65	1/2	98.99	1/2		1/2		1/2		1/2	
3/4	1,311.19	3/4	1,067.62	3/4	824.10	3/4	581.14	3/4	337.57	3/4	93.91	3/4		3/4		3/4		3/4	
10	1,306.12	10	1,062.55	10	819.03	10	576.08	10	332.50	10	88.96	10		10		10		10	
1/4	1,301.04	1/4	1,057.47	1/4	813.96	1/4	571.03	1/4	327.42	1/4	84.00	1/4		1/4		1/4		1/4	
1/2	1,295.97	1/2	1,052.40	1/2	808.88	1/2	565.97	1/2	322.35	1/2	79.05	1/2		1/2		1/2		1/2	
3/4	1,290.89	3/4	1,047.32	3/4	803.81	3/4	560.91	3/4	317.27	3/4	74.09	3/4		3/4		3/4		3/4	
11	1,285.82	11	1,042.25	11	798.74	11	555.84	11	312.19	11	69.28	11		11		11		11	
1/4	1,280.75	1/4	1,037.18	1/4	793.66	1/4	550.77	1/4	307.12	1/4	64.46	1/4		1/4		1/4		1/4	
1/2	1,275.67	1/2	1,032.10	1/2	788.59	1/2	545.69	1/2	302.04	1/2	59.65	1/2		1/2		1/2		1/2	
3/4	1,270.60	3/4	1,027.03	3/4	783.51	3/4	540.62	3/4	296.96	3/4	54.83	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2008 CB
RECOMPUTED: 01/27/2023 JS
NAME CHANGE: 01/27/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2023

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



BARGE "KIRBY 11333"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 106"

GAUGE HEIGHT 16'-02 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	3,930.07	0	3,653.69	0	3,377.32	0	3,100.94	0	2,824.57	0	2,548.19	0	2,271.82	0	1,995.45		
1/4		1/4		1/4	3,924.31	1/4	3,647.93	1/4	3,371.56	1/4	3,095.18	1/4	2,818.81	1/4	2,542.43	1/4	2,266.06	1/4	1,989.69		
1/2		1/2		1/2	3,918.55	1/2	3,642.18	1/2	3,365.81	1/2	3,089.43	1/2	2,813.06	1/2	2,536.68	1/2	2,260.31	1/2	1,983.93		
3/4		3/4		3/4	3,912.79	3/4	3,636.42	3/4	3,360.05	3/4	3,083.67	3/4	2,807.30	3/4	2,530.92	3/4	2,254.55	3/4	1,978.17		
1		1		1	3,907.03	1	3,630.66	1	3,354.29	1	3,077.91	1	2,801.54	1	2,525.16	1	2,248.79	1	1,972.41		
1/4		1/4		1/4	3,901.28	1/4	3,624.90	1/4	3,348.53	1/4	3,072.15	1/4	2,795.78	1/4	2,519.40	1/4	2,243.03	1/4	1,966.65		
1/2		1/2		1/2	3,895.52	1/2	3,619.15	1/2	3,342.77	1/2	3,066.40	1/2	2,790.03	1/2	2,513.65	1/2	2,237.28	1/2	1,960.90		
3/4		3/4		3/4	4,106.83	3/4	3,889.76	3/4	3,613.39	3/4	3,337.01	3/4	3,060.64	3/4	2,784.27	3/4	2,507.89	3/4	2,231.52	3/4	1,955.14
2		2		2	4,106.33	2	3,884.00	2	3,607.63	2	3,331.25	2	3,054.88	2	2,778.51	2	2,502.13	2	2,225.76	2	1,949.38
1/4		1/4		1/4	4,105.83	1/4	3,878.25	1/4	3,601.87	1/4	3,325.49	1/4	3,049.12	1/4	2,772.75	1/4	2,496.37	1/4	2,220.00	1/4	1,943.62
1/2		1/2		1/2	4,105.33	1/2	3,872.49	1/2	3,596.12	1/2	3,319.74	1/2	3,043.37	1/2	2,766.99	1/2	2,490.62	1/2	2,214.25	1/2	1,937.87
3/4		3/4		3/4	4,104.83	3/4	3,866.73	3/4	3,590.36	3/4	3,313.98	3/4	3,037.61	3/4	2,761.23	3/4	2,484.86	3/4	2,208.49	3/4	1,932.11
3		3		3	4,103.18	3	3,860.97	3	3,584.60	3	3,308.22	3	3,031.85	3	2,755.47	3	2,479.10	3	2,202.73	3	1,926.35
1/4		1/4		1/4	4,101.52	1/4	3,855.22	1/4	3,578.84	1/4	3,302.46	1/4	3,026.09	1/4	2,749.71	1/4	2,473.34	1/4	2,196.97	1/4	1,920.59
1/2		1/2		1/2	4,099.87	1/2	3,849.46	1/2	3,573.09	1/2	3,296.71	1/2	3,020.34	1/2	2,743.96	1/2	2,467.59	1/2	2,191.21	1/2	1,914.84
3/4		3/4		3/4	4,098.21	3/4	3,843.70	3/4	3,567.33	3/4	3,290.95	3/4	3,014.58	3/4	2,738.20	3/4	2,461.83	3/4	2,185.45	3/4	1,909.08
4		4		4	4,095.41	4	3,837.94	4	3,561.57	4	3,285.19	4	3,008.82	4	2,732.44	4	2,456.07	4	2,179.69	4	1,903.32
1/4		1/4		1/4	4,092.60	1/4	3,832.18	1/4	3,555.81	1/4	3,279.43	1/4	3,003.06	1/4	2,726.68	1/4	2,450.31	1/4	2,173.93	1/4	1,897.56
1/2		1/2		1/2	4,089.80	1/2	3,826.43	1/2	3,550.06	1/2	3,273.68	1/2	2,997.31	1/2	2,720.93	1/2	2,444.56	1/2	2,168.18	1/2	1,891.81
3/4		3/4		3/4	4,086.99	3/4	3,820.67	3/4	3,544.30	3/4	3,267.92	3/4	2,991.55	3/4	2,715.17	3/4	2,438.80	3/4	2,162.42	3/4	1,886.05
5		5		5	4,083.03	5	3,814.91	5	3,538.54	5	3,262.16	5	2,985.79	5	2,709.41	5	2,433.04	5	2,156.66	5	1,880.29
1/4		1/4		1/4	4,079.07	1/4	3,809.15	1/4	3,532.78	1/4	3,256.40	1/4	2,980.03	1/4	2,703.65	1/4	2,427.28	1/4	2,150.90	1/4	1,874.53
1/2		1/2		1/2	4,075.11	1/2	3,803.40	1/2	3,527.02	1/2	3,250.65	1/2	2,974.28	1/2	2,697.90	1/2	2,421.53	1/2	2,145.15	1/2	1,868.78
3/4		3/4		3/4	4,071.15	3/4	3,797.64	3/4	3,521.26	3/4	3,244.89	3/4	2,968.52	3/4	2,692.14	3/4	2,415.77	3/4	2,139.39	3/4	1,863.02
6		6		6	4,066.04	6	3,791.88	6	3,515.50	6	3,239.13	6	2,962.76	6	2,686.38	6	2,410.01	6	2,133.63	6	1,857.26
1/4		1/4		1/4	4,060.93	1/4	3,786.12	1/4	3,509.74	1/4	3,233.37	1/4	2,957.00	1/4	2,680.62	1/4	2,404.25	1/4	2,127.87	1/4	1,851.50
1/2		1/2		1/2	4,055.81	1/2	3,780.37	1/2	3,503.99	1/2	3,227.62	1/2	2,951.24	1/2	2,674.87	1/2	2,398.50	1/2	2,122.12	1/2	1,845.75
3/4		3/4		3/4	4,050.70	3/4	3,774.61	3/4	3,498.23	3/4	3,221.86	3/4	2,945.48	3/4	2,669.11	3/4	2,392.74	3/4	2,116.36	3/4	1,839.99
7		7		7	4,045.01	7	3,768.85	7	3,492.47	7	3,216.10	7	2,939.72	7	2,663.35	7	2,386.98	7	2,110.60	7	1,834.23
1/4		1/4		1/4	4,039.33	1/4	3,763.09	1/4	3,486.71	1/4	3,210.34	1/4	2,933.96	1/4	2,657.59	1/4	2,381.22	1/4	2,104.84	1/4	1,828.47
1/2		1/2		1/2	4,033.64	1/2	3,757.34	1/2	3,480.96	1/2	3,204.59	1/2	2,928.21	1/2	2,651.84	1/2	2,375.46	1/2	2,099.09	1/2	1,822.72
3/4		3/4		3/4	4,027.95	3/4	3,751.58	3/4	3,475.20	3/4	3,198.83	3/4	2,922.45	3/4	2,646.08	3/4	2,369.70	3/4	2,093.33	3/4	1,816.96
8		8		8	4,022.19	8	3,745.82	8	3,469.44	8	3,193.07	8	2,916.69	8	2,640.32	8	2,363.94	8	2,087.57	8	1,811.20
1/4		1/4		1/4	4,016.44	1/4	3,740.06	1/4	3,463.68	1/4	3,187.31	1/4	2,910.93	1/4	2,634.56	1/4	2,358.18	1/4	2,081.81	1/4	1,805.44
1/2		1/2		1/2	4,010.68	1/2	3,734.31	1/2	3,457.93	1/2	3,181.56	1/2	2,905.18	1/2	2,628.81	1/2	2,352.43	1/2	2,076.06	1/2	1,799.68
3/4		3/4		3/4	4,004.92	3/4	3,728.55	3/4	3,452.17	3/4	3,175.80	3/4	2,899.42	3/4	2,623.05	3/4	2,346.67	3/4	2,070.30	3/4	1,793.92
9		9		9	3,999.16	9	3,722.79	9	3,446.41	9	3,170.04	9	2,893.66	9	2,617.29	9	2,340.91	9	2,064.54	9	1,788.16
1/4		1/4		1/4	3,993.41	1/4	3,717.03	1/4	3,440.65	1/4	3,164.28	1/4	2,887.90	1/4	2,611.53	1/4	2,335.15	1/4	2,058.78	1/4	1,782.40
1/2		1/2		1/2	3,987.65	1/2	3,711.27	1/2	3,434.90	1/2	3,158.53	1/2	2,882.15	1/2	2,605.78	1/2	2,329.40	1/2	2,053.03	1/2	1,776.65
3/4		3/4		3/4	3,981.89	3/4	3,705.51	3/4	3,429.14	3/4	3,152.77	3/4	2,876.39	3/4	2,600.02	3/4	2,323.64	3/4	2,047.27	3/4	1,770.89
10		10		10	3,976.13	10	3,699.75	10	3,423.38	10	3,147.01	10	2,870.63	10	2,594.26	10	2,317.88	10	2,041.51	10	1,765.13
1/4		1/4		1/4	3,970.38	1/4	3,693.99	1/4	3,417.62	1/4	3,141.25	1/4	2,864.87	1/4	2,588.50	1/4	2,312.12	1/4	2,035.75	1/4	1,759.37
1/2		1/2		1/2	3,964.62	1/2	3,688.24	1/2	3,411.87	1/2	3,135.49	1/2	2,859.12	1/2	2,582.75	1/2	2,306.37	1/2	2,030.00	1/2	1,753.62
3/4		3/4		3/4	3,958.86	3/4	3,682.48	3/4	3,406.11	3/4	3,129.73	3/4	2,853.36	3/4	2,576.99	3/4	2,300.61	3/4	2,024.24	3/4	1,747.86
11		11		11	3,953.10	11	3,676.72	11	3,400.35	11	3,123.97	11	2,847.60	11	2,571.23	11	2,294.85	11	2,018.48	11	1,742.10
1/4		1/4		1/4	3,947.35	1/4	3,670.96	1/4	3,394.59	1/4	3,118.21	1/4	2,841.84	1/4	2,565.47	1/4	2,289.09	1/4	2,012.72	1/4	1,736.34
1/2		1/2		1/2	3,941.59	1/2	3,665.21	1/2	3,388.84	1/2	3,112.46	1/2	2,836.09	1/2	2,559.71	1/2	2,283.34	1/2	2,006.97	1/2	1,730.59
3/4		3/4		3/4	3,935.83	3/4	3,659.45	3/4	3,383.08	3/4	3,106.70	3/4	2,830.33	3/4	2,553.95	3/4	2,277.58	3/4	2,001.21	3/4	1,724.83

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 TO THE TOP LIP OF "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 33'-03" 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 11333"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 106"

GAUGE HEIGHT 16'-02 3/4"

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	IN	0
1/4	1,713.31	1/4	1,436.94	1/4	1,160.56	1/4	884.31	1/4	608.85	1/4	332.45	1/4	56.55	1/4		1/4		1/4			
1/2	1,707.56	1/2	1,431.19	1/2	1,154.81	1/2	878.55	1/2	603.09	1/2	326.70	1/2	50.89	1/2		1/2		1/2			
3/4	1,701.80	3/4	1,425.43	3/4	1,149.05	3/4	872.80	3/4	597.34	3/4	320.94	3/4	45.22	3/4		3/4		3/4			
1	1,696.04	1	1,419.67	1	1,143.29	1	867.06	1	591.58	1	315.18	1	39.61	1		1		1			
1/4	1,690.28	1/4	1,413.91	1/4	1,137.54	1/4	861.33	1/4	585.82	1/4	309.42	1/4	34.00	1/4		1/4		1/4			
1/2	1,684.53	1/2	1,408.15	1/2	1,131.78	1/2	855.59	1/2	580.07	1/2	303.67	1/2	28.39	1/2		1/2		1/2			
3/4	1,678.77	3/4	1,402.39	3/4	1,126.03	3/4	849.86	3/4	574.31	3/4	297.91	3/4	22.78	3/4		3/4		3/4			
2	1,673.01	2	1,396.63	2	1,120.27	2	844.12	2	568.55	2	292.15	2	17.22	2		2		2			
1/4	1,667.25	1/4	1,390.87	1/4	1,114.52	1/4	838.38	1/4	562.79	1/4	286.39	1/4	11.67	1/4		1/4		1/4			
1/2	1,661.50	1/2	1,385.12	1/2	1,108.76	1/2	832.65	1/2	557.04	1/2	280.64	1/2	6.11	1/2		1/2		1/2			
3/4	1,655.74	3/4	1,379.36	3/4	1,103.01	3/4	826.91	3/4	551.28	3/4	274.88	3/4	0.56	3/4		3/4		3/4			
3	1,649.98	3	1,373.60	3	1,097.26	3	821.17	3	545.52	3	269.12	3		3		3		3			
1/4	1,644.22	1/4	1,367.84	1/4	1,091.50	1/4	815.44	1/4	539.76	1/4	263.36	1/4		1/4		1/4		1/4			
1/2	1,638.47	1/2	1,362.09	1/2	1,085.75	1/2	809.70	1/2	534.01	1/2	257.61	1/2		1/2		1/2		1/2			
3/4	1,632.71	3/4	1,356.33	3/4	1,080.00	3/4	803.97	3/4	528.25	3/4	251.85	3/4		3/4		3/4		3/4			
4	1,626.95	4	1,350.57	4	1,074.24	4	798.23	4	522.49	4	246.09	4		4		4		4			
1/4	1,621.19	1/4	1,344.81	1/4	1,068.49	1/4	792.50	1/4	516.73	1/4	240.33	1/4		1/4		1/4		1/4			
1/2	1,615.43	1/2	1,339.06	1/2	1,062.73	1/2	786.76	1/2	510.98	1/2	234.58	1/2		1/2		1/2		1/2			
3/4	1,609.67	3/4	1,333.30	3/4	1,056.98	3/4	781.03	3/4	505.22	3/4	228.82	3/4		3/4		3/4		3/4			
5	1,603.91	5	1,327.54	5	1,051.22	5	775.29	5	499.46	5	223.06	5		5		5		5			
1/4	1,598.15	1/4	1,321.78	1/4	1,045.46	1/4	769.56	1/4	493.70	1/4	217.30	1/4		1/4		1/4		1/4			
1/2	1,592.40	1/2	1,316.03	1/2	1,039.71	1/2	763.82	1/2	487.94	1/2	211.55	1/2		1/2		1/2		1/2			
3/4	1,586.64	3/4	1,310.27	3/4	1,033.95	3/4	758.09	3/4	482.18	3/4	205.79	3/4		3/4		3/4		3/4			
6	1,580.88	6	1,304.51	6	1,028.19	6	752.35	6	476.42	6	200.03	6		6		6		6			
1/4	1,575.12	1/4	1,298.75	1/4	1,022.44	1/4	746.62	1/4	470.66	1/4	194.27	1/4		1/4		1/4		1/4			
1/2	1,569.37	1/2	1,293.00	1/2	1,016.68	1/2	740.88	1/2	464.90	1/2	188.52	1/2		1/2		1/2		1/2			
3/4	1,563.61	3/4	1,287.24	3/4	1,010.93	3/4	735.15	3/4	459.14	3/4	182.76	3/4		3/4		3/4		3/4			
7	1,557.85	7	1,281.48	7	1,005.17	7	729.41	7	453.38	7	177.00	7		7		7		7			
1/4	1,552.09	1/4	1,275.72	1/4	999.42	1/4	723.68	1/4	447.62	1/4	171.24	1/4		1/4		1/4		1/4			
1/2	1,546.34	1/2	1,269.97	1/2	993.66	1/2	717.94	1/2	441.86	1/2	165.49	1/2		1/2		1/2		1/2			
3/4	1,540.58	3/4	1,264.21	3/4	987.91	3/4	712.21	3/4	436.10	3/4	159.73	3/4		3/4		3/4		3/4			
8	1,534.82	8	1,258.45	8	982.15	8	706.47	8	430.34	8	153.97	8		8		8		8			
1/4	1,529.06	1/4	1,252.69	1/4	976.40	1/4	700.74	1/4	424.58	1/4	148.21	1/4		1/4		1/4		1/4			
1/2	1,523.31	1/2	1,246.94	1/2	970.64	1/2	695.00	1/2	418.83	1/2	142.46	1/2		1/2		1/2		1/2			
3/4	1,517.55	3/4	1,241.18	3/4	964.89	3/4	689.27	3/4	413.07	3/4	136.70	3/4		3/4		3/4		3/4			
9	1,511.79	9	1,235.42	9	959.13	9	683.53	9	407.31	9	130.94	9		9		9		9			
1/4	1,506.03	1/4	1,229.66	1/4	953.38	1/4	677.79	1/4	401.55	1/4	125.18	1/4		1/4		1/4		1/4			
1/2	1,500.28	1/2	1,223.90	1/2	947.62	1/2	672.06	1/2	395.79	1/2	119.42	1/2		1/2		1/2		1/2			
3/4	1,494.52	3/4	1,218.14	3/4	941.87	3/4	666.32	3/4	390.03	3/4	113.66	3/4		3/4		3/4		3/4			
10	1,488.76	10	1,212.38	10	936.11	10	660.58	10	384.27	10	107.92	10		10		10		10			
1/4	1,483.00	1/4	1,206.62	1/4	930.35	1/4	654.85	1/4	378.51	1/4	102.18	1/4		1/4		1/4		1/4			
1/2	1,477.25	1/2	1,200.87	1/2	924.60	1/2	649.11	1/2	372.76	1/2	96.44	1/2		1/2		1/2		1/2			
3/4	1,471.49	3/4	1,195.11	3/4	918.84	3/4	643.38	3/4	367.00	3/4	90.70	3/4		3/4		3/4		3/4			
11	1,465.73	11	1,189.35	11	913.08	11	637.62	11	361.24	11	85.00	11		11		11		11			
1/4	1,459.97	1/4	1,183.59	1/4	907.33	1/4	631.87	1/4	355.48	1/4	79.29	1/4		1/4		1/4		1/4			
1/2	1,454.22	1/2	1,177.84	1/2	901.57	1/2	626.11	1/2	349.73	1/2	73.59	1/2		1/2		1/2		1/2			
3/4	1,448.46	3/4	1,172.08	3/4	895.82	3/4	620.36	3/4	343.97	3/4	67.89	3/4		3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2008 CB
RECOMPUTED: 01/27/2023 JS
NAME CHANGE: 01/27/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2023

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



BARGE "KIRBY 11333"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 106"

GAUGE HEIGHT 16'-02 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	3,524.67	0	3,276.81	0	3,028.95	0	2,781.09	0	2,533.22	0	2,285.36	0	2,037.50	0	1,789.64
1/4	1/4	1/4	1/4	1/4	3,519.51	1/4	3,271.65	1/4	3,023.78	1/4	2,775.92	1/4	2,528.06	1/4	2,280.20	1/4	2,032.33	1/4	1,784.47
1/2	1/2	1/2	1/2	1/2	3,514.34	1/2	3,266.48	1/2	3,018.62	1/2	2,770.76	1/2	2,522.89	1/2	2,275.03	1/2	2,027.17	1/2	1,779.31
3/4	3/4	3/4	3/4	3/4	3,509.18	3/4	3,261.32	3/4	3,013.45	3/4	2,765.59	3/4	2,517.73	3/4	2,269.87	3/4	2,022.00	3/4	1,774.14
1	1	1	1	1	3,504.02	1	3,256.16	1	3,008.29	1	2,760.43	1	2,512.57	1	2,264.71	1	2,016.84	1	1,768.98
1/4	1/4	1/4	1/4	1/4	3,498.85	1/4	3,250.99	1/4	3,003.13	1/4	2,755.27	1/4	2,507.40	1/4	2,259.54	1/4	2,011.68	1/4	1,763.82
1/2	1/2	1/2	1/2	1/2	3,493.69	1/2	3,245.83	1/2	2,997.96	1/2	2,750.10	1/2	2,502.24	1/2	2,254.38	1/2	2,006.51	1/2	1,758.65
3/4	3/4	3/4	3/4	3/4	3,488.52	3/4	3,240.66	3/4	2,992.80	3/4	2,744.94	3/4	2,497.07	3/4	2,249.21	3/4	2,001.35	3/4	1,753.49
2	2	2	2	2	3,483.36	2	3,235.50	2	2,987.64	2	2,739.78	2	2,491.91	2	2,244.05	2	1,996.19	2	1,748.33
1/4	1/4	1/4	1/4	1/4	3,478.20	1/4	3,230.34	1/4	2,982.47	1/4	2,734.61	1/4	2,486.75	1/4	2,238.89	1/4	1,991.02	1/4	1,743.16
1/2	1/2	1/2	1/2	1/2	3,473.03	1/2	3,225.17	1/2	2,977.31	1/2	2,729.45	1/2	2,481.58	1/2	2,233.72	1/2	1,985.86	1/2	1,738.00
3/4	3/4	3/4	3/4	3/4	3,467.87	3/4	3,220.01	3/4	2,972.14	3/4	2,724.28	3/4	2,476.42	3/4	2,228.56	3/4	1,980.69	3/4	1,732.83
3	3	3	3	3	3,462.71	3	3,214.85	3	2,966.98	3	2,719.12	3	2,471.26	3	2,223.40	3	1,975.53	3	1,727.67
1/4	1/4	1/4	1/4	1/4	3,457.54	1/4	3,209.68	1/4	2,961.82	1/4	2,713.96	1/4	2,466.09	1/4	2,218.23	1/4	1,970.37	1/4	1,722.51
1/2	1/2	1/2	1/2	1/2	3,452.38	1/2	3,204.52	1/2	2,956.65	1/2	2,708.79	1/2	2,460.93	1/2	2,213.07	1/2	1,965.20	1/2	1,717.34
3/4	3/4	3/4	3/4	3/4	3,447.21	3/4	3,199.35	3/4	2,951.49	3/4	2,703.63	3/4	2,455.76	3/4	2,207.90	3/4	1,960.04	3/4	1,712.18
4	4	4	4	4	3,442.05	4	3,194.19	4	2,946.33	4	2,698.47	4	2,450.60	4	2,202.74	4	1,954.88	4	1,707.02
1/4	1/4	1/4	1/4	1/4	3,436.89	1/4	3,189.03	1/4	2,941.16	1/4	2,693.30	1/4	2,445.44	1/4	2,197.58	1/4	1,949.71	1/4	1,701.85
1/2	1/2	1/2	1/2	1/2	3,431.72	1/2	3,183.86	1/2	2,936.00	1/2	2,688.14	1/2	2,440.27	1/2	2,192.41	1/2	1,944.55	1/2	1,696.69
3/4	3/4	3/4	3/4	3/4	3,426.56	3/4	3,178.70	3/4	2,930.83	3/4	2,682.97	3/4	2,435.11	3/4	2,187.25	3/4	1,939.38	3/4	1,691.52
5	5	5	5	5	3,421.40	5	3,173.54	5	2,925.67	5	2,677.81	5	2,429.95	5	2,182.09	5	1,934.22	5	1,686.36
1/4	1/4	1/4	1/4	1/4	3,416.23	1/4	3,168.37	1/4	2,920.51	1/4	2,672.65	1/4	2,424.78	1/4	2,176.92	1/4	1,929.06	1/4	1,681.20
1/2	1/2	1/2	1/2	1/2	3,411.07	1/2	3,163.21	1/2	2,915.34	1/2	2,667.48	1/2	2,419.62	1/2	2,171.76	1/2	1,923.89	1/2	1,676.03
3/4	3/4	3/4	3/4	3/4	3,405.90	3/4	3,158.04	3/4	2,910.18	3/4	2,662.32	3/4	2,414.45	3/4	2,166.59	3/4	1,918.73	3/4	1,670.87
6	6	6	6	6	3,400.74	6	3,152.88	6	2,905.02	6	2,657.16	6	2,409.29	6	2,161.43	6	1,913.57	6	1,665.71
1/4	1/4	1/4	1/4	1/4	3,395.58	1/4	3,147.72	1/4	2,899.85	1/4	2,651.99	1/4	2,404.13	1/4	2,156.27	1/4	1,908.40	1/4	1,660.54
1/2	1/2	1/2	1/2	1/2	3,390.41	1/2	3,142.55	1/2	2,894.69	1/2	2,646.83	1/2	2,398.96	1/2	2,151.10	1/2	1,903.24	1/2	1,655.38
3/4	3/4	3/4	3/4	3/4	3,385.25	3/4	3,137.39	3/4	2,889.52	3/4	2,641.66	3/4	2,393.80	3/4	2,145.94	3/4	1,898.07	3/4	1,650.21
7	7	7	7	7	3,380.09	7	3,132.23	7	2,884.36	7	2,636.50	7	2,388.64	7	2,140.78	7	1,892.91	7	1,645.05
1/4	1/4	1/4	1/4	1/4	3,374.92	1/4	3,127.06	1/4	2,879.20	1/4	2,631.34	1/4	2,383.47	1/4	2,135.61	1/4	1,887.75	1/4	1,639.89
1/2	1/2	1/2	1/2	1/2	3,369.76	1/2	3,121.90	1/2	2,874.03	1/2	2,626.17	1/2	2,378.31	1/2	2,130.45	1/2	1,882.58	1/2	1,634.72
3/4	3/4	3/4	3/4	3/4	3,364.59	3/4	3,116.73	3/4	2,868.87	3/4	2,621.01	3/4	2,373.14	3/4	2,125.28	3/4	1,877.42	3/4	1,629.56
8	8	8	8	8	3,359.43	8	3,111.57	8	2,863.71	8	2,615.85	8	2,367.98	8	2,120.12	8	1,872.26	8	1,624.40
1/4	1/4	1/4	1/4	1/4	3,354.27	1/4	3,106.40	1/4	2,858.54	1/4	2,610.68	1/4	2,362.82	1/4	2,114.96	1/4	1,867.09	1/4	1,619.23
1/2	1/2	1/2	1/2	1/2	3,349.10	1/2	3,101.24	1/2	2,853.38	1/2	2,605.52	1/2	2,357.65	1/2	2,109.79	1/2	1,861.93	1/2	1,614.07
3/4	3/4	3/4	3/4	3/4	3,343.94	3/4	3,096.07	3/4	2,848.21	3/4	2,600.35	3/4	2,352.49	3/4	2,104.63	3/4	1,856.76	3/4	1,608.90
9	9	9	9	9	3,338.78	9	3,090.91	9	2,843.05	9	2,595.19	9	2,347.33	9	2,099.47	9	1,851.60	9	1,603.74
1/4	1/4	1/4	1/4	1/4	3,333.61	1/4	3,085.75	1/4	2,837.89	1/4	2,590.02	1/4	2,342.16	1/4	2,094.30	1/4	1,846.44	1/4	1,598.58
1/2	1/2	1/2	1/2	1/2	3,328.45	1/2	3,080.58	1/2	2,832.72	1/2	2,584.86	1/2	2,337.00	1/2	2,089.14	1/2	1,841.27	1/2	1,593.41
3/4	3/4	3/4	3/4	3/4	3,323.28	3/4	3,075.42	3/4	2,827.56	3/4	2,579.69	3/4	2,331.83	3/4	2,083.97	3/4	1,836.11	3/4	1,588.25
10	10	10	10	10	3,318.12	10	3,070.26	10	2,822.40	10	2,574.53	10	2,326.67	10	2,078.81	10	1,830.95	10	1,583.09
1/4	1/4	1/4	1/4	1/4	3,312.96	1/4	3,065.09	1/4	2,817.23	1/4	2,569.37	1/4	2,321.51	1/4	2,073.64	1/4	1,825.78	1/4	1,577.92
1/2	1/2	1/2	1/2	1/2	3,307.79	1/2	3,059.93	1/2	2,812.07	1/2	2,564.20	1/2	2,316.34	1/2	2,068.48	1/2	1,820.62	1/2	1,572.76
3/4	3/4	3/4	3/4	3/4	3,302.63	3/4	3,054.76	3/4	2,806.90	3/4	2,559.04	3/4	2,311.18	3/4	2,063.31	3/4	1,815.45	3/4	1,567.59
11	11	11	11	11	3,297.47	11	3,049.60	11	2,801.74	11	2,553.88	11	2,306.02	11	2,058.15	11	1,810.29	11	1,562.43
1/4	1/4	1/4	1/4	1/4	3,292.30	1/4	3,044.44	1/4	2,796.58	1/4	2,548.71	1/4	2,300.85	1/4	2,052.99	1/4	1,805.13	1/4	1,557.26
1/2	1/2	1/2	1/2	1/2	3,287.14	1/2	3,039.27	1/2	2,791.41	1/2	2,543.55	1/2	2,295.69	1/2	2,047.82	1/2	1,799.96	1/2	1,552.10
3/4	3/4	3/4	3/4	3/4	3,281.97	3/4	3,034.11	3/4	2,786.25	3/4	2,538.38	3/4	2,290.52	3/4	2,042.66	3/4	1,794.80	3/4	1,546.93

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 TO THE TOP LIP OF "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 27'-00" 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 11333"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 106"

GAUGE HEIGHT 16'-02 3/4"

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
1/4	1,536.61	1/4	1,288.75	1/4	1,040.88	1/4	793.14	1/4	546.11	1/4	298.22	1/4	50.78	1/4		1/4		1/4	
1/2	1,531.44	1/2	1,283.58	1/2	1,035.72	1/2	787.97	1/2	540.94	1/2	293.06	1/2	45.69	1/2		1/2		1/2	
3/4	1,526.28	3/4	1,278.42	3/4	1,030.55	3/4	782.81	3/4	535.78	3/4	287.89	3/4	40.61	3/4		3/4		3/4	
1	1,521.12	1	1,273.26	1	1,025.39	1	777.67	1	530.62	1	282.73	1	35.58	1		1		1	
1/4	1,515.95	1/4	1,268.09	1/4	1,020.23	1/4	772.53	1/4	525.46	1/4	277.57	1/4	30.55	1/4		1/4		1/4	
1/2	1,510.79	1/2	1,262.93	1/2	1,015.07	1/2	767.38	1/2	520.29	1/2	272.40	1/2	25.52	1/2		1/2		1/2	
3/4	1,505.62	3/4	1,257.76	3/4	1,009.91	3/4	762.24	3/4	515.13	3/4	267.24	3/4	20.49	3/4		3/4		3/4	
2	1,500.46	2	1,252.60	2	1,004.75	2	757.10	2	509.97	2	262.08	2	15.51	2		2		2	
1/4	1,495.30	1/4	1,247.44	1/4	999.59	1/4	751.96	1/4	504.80	1/4	256.91	1/4	10.53	1/4		1/4		1/4	
1/2	1,490.13	1/2	1,242.27	1/2	994.43	1/2	746.81	1/2	499.64	1/2	251.75	1/2	5.54	1/2		1/2		1/2	
3/4	1,484.97	3/4	1,237.11	3/4	989.27	3/4	741.67	3/4	494.47	3/4	246.58	3/4	0.56	3/4		3/4		3/4	
3	1,479.81	3	1,231.95	3	984.11	3	736.53	3	489.31	3	241.42	3		3		3		3	
1/4	1,474.64	1/4	1,226.78	1/4	978.95	1/4	731.38	1/4	484.14	1/4	236.26	1/4		1/4		1/4		1/4	
1/2	1,469.48	1/2	1,221.62	1/2	973.79	1/2	726.24	1/2	478.98	1/2	231.09	1/2		1/2		1/2		1/2	
3/4	1,464.31	3/4	1,216.45	3/4	968.63	3/4	721.09	3/4	473.81	3/4	225.93	3/4		3/4		3/4		3/4	
4	1,459.15	4	1,211.29	4	963.47	4	715.95	4	468.65	4	220.77	4		4		4		4	
1/4	1,453.99	1/4	1,206.13	1/4	958.31	1/4	710.81	1/4	463.49	1/4	215.60	1/4		1/4		1/4		1/4	
1/2	1,448.82	1/2	1,200.96	1/2	953.15	1/2	705.66	1/2	458.32	1/2	210.44	1/2		1/2		1/2		1/2	
3/4	1,443.66	3/4	1,195.80	3/4	947.99	3/4	700.52	3/4	453.16	3/4	205.27	3/4		3/4		3/4		3/4	
5	1,438.50	5	1,190.64	5	942.83	5	695.38	5	448.00	5	200.11	5		5		5		5	
1/4	1,433.33	1/4	1,185.47	1/4	937.67	1/4	690.23	1/4	442.83	1/4	194.95	1/4		1/4		1/4		1/4	
1/2	1,428.17	1/2	1,180.31	1/2	932.50	1/2	685.09	1/2	437.67	1/2	189.78	1/2		1/2		1/2		1/2	
3/4	1,423.00	3/4	1,175.14	3/4	927.34	3/4	679.94	3/4	432.50	3/4	184.62	3/4		3/4		3/4		3/4	
6	1,417.84	6	1,169.98	6	922.18	6	674.80	6	427.34	6	179.46	6		6		6		6	
1/4	1,412.68	1/4	1,164.82	1/4	917.02	1/4	669.66	1/4	422.17	1/4	174.29	1/4		1/4		1/4		1/4	
1/2	1,407.51	1/2	1,159.65	1/2	911.85	1/2	664.51	1/2	417.01	1/2	169.13	1/2		1/2		1/2		1/2	
3/4	1,402.35	3/4	1,154.49	3/4	906.69	3/4	659.37	3/4	411.84	3/4	163.96	3/4		3/4		3/4		3/4	
7	1,397.19	7	1,149.33	7	901.53	7	654.23	7	406.67	7	158.80	7		7		7		7	
1/4	1,392.02	1/4	1,144.16	1/4	896.37	1/4	649.08	1/4	401.51	1/4	153.64	1/4		1/4		1/4		1/4	
1/2	1,386.86	1/2	1,139.00	1/2	891.21	1/2	643.94	1/2	396.34	1/2	148.47	1/2		1/2		1/2		1/2	
3/4	1,381.69	3/4	1,133.83	3/4	886.05	3/4	638.79	3/4	391.17	3/4	143.31	3/4		3/4		3/4		3/4	
8	1,376.53	8	1,128.67	8	880.89	8	633.65	8	386.01	8	138.15	8		8		8		8	
1/4	1,371.37	1/4	1,123.51	1/4	875.73	1/4	628.51	1/4	380.84	1/4	132.98	1/4		1/4		1/4		1/4	
1/2	1,366.20	1/2	1,118.34	1/2	870.56	1/2	623.36	1/2	375.68	1/2	127.82	1/2		1/2		1/2		1/2	
3/4	1,361.04	3/4	1,113.18	3/4	865.40	3/4	618.22	3/4	370.51	3/4	122.65	3/4		3/4		3/4		3/4	
9	1,355.88	9	1,108.02	9	860.24	9	613.08	9	365.35	9	117.49	9		9		9		9	
1/4	1,350.71	1/4	1,102.85	1/4	855.08	1/4	607.93	1/4	360.19	1/4	112.32	1/4		1/4		1/4		1/4	
1/2	1,345.55	1/2	1,097.69	1/2	849.91	1/2	602.79	1/2	355.02	1/2	107.16	1/2		1/2		1/2		1/2	
3/4	1,340.38	3/4	1,092.52	3/4	844.75	3/4	597.64	3/4	349.86	3/4	101.99	3/4		3/4		3/4		3/4	
10	1,335.22	10	1,087.36	10	839.59	10	592.50	10	344.70	10	96.84	10		10		10		10	
1/4	1,330.06	1/4	1,082.20	1/4	834.43	1/4	587.36	1/4	339.53	1/4	91.70	1/4		1/4		1/4		1/4	
1/2	1,324.89	1/2	1,077.03	1/2	829.27	1/2	582.21	1/2	334.37	1/2	86.55	1/2		1/2		1/2		1/2	
3/4	1,319.73	3/4	1,071.87	3/4	824.11	3/4	577.07	3/4	329.20	3/4	81.40	3/4		3/4		3/4		3/4	
11	1,314.57	11	1,066.71	11	818.95	11	571.91	11	324.04	11	76.29	11		11		11		11	
1/4	1,309.40	1/4	1,061.54	1/4	813.79	1/4	566.75	1/4	318.88	1/4	71.17	1/4		1/4		1/4		1/4	
1/2	1,304.24	1/2	1,056.38	1/2	808.62	1/2	561.59	1/2	313.71	1/2	66.06	1/2		1/2		1/2		1/2	
3/4	1,299.07	3/4	1,051.21	3/4	803.46	3/4	556.43	3/4	308.55	3/4	60.94	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2008 CB
RECOMPUTED: 01/27/2023 JS
NAME CHANGE: 01/27/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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