



BARGE "KIRBY 11334"

ULLAGE TRIM TABLE
FORMERLY " CGBM 107"

	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	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 02-1/8	02-1/8	- 02-1/2	02-1/2
2 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8
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 3 CENTER IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 167'-03"

April 14, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 11334"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 107"

GAUGE HEIGHT 16'-03"

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	3,350.12	0	3,137.58	0	2,925.03	0	2,712.49	0	2,483.65	0	2,240.49	0	1,997.28	0	1,754.11
1/4		1/4		1/4	3,345.69	1/4	3,133.15	1/4	2,920.60	1/4	2,708.06	1/4	2,478.59	1/4	2,235.42	1/4	1,992.21	1/4	1,749.05
1/2		1/2		1/2	3,341.27	1/2	3,128.73	1/2	2,916.18	1/2	2,703.64	1/2	2,473.52	1/2	2,230.36	1/2	1,987.15	1/2	1,743.98
3/4		3/4		3/4	3,336.84	3/4	3,124.30	3/4	2,911.75	3/4	2,699.21	3/4	2,468.46	3/4	2,225.29	3/4	1,982.08	3/4	1,738.92
1		1		1	3,332.41	1	3,119.87	1	2,907.32	1	2,694.78	1	2,463.39	1	2,220.22	1	1,977.01	1	1,733.85
1/4		1/4		1/4	3,327.98	1/4	3,115.44	1/4	2,902.89	1/4	2,690.35	1/4	2,458.33	1/4	2,215.15	1/4	1,971.95	1/4	1,728.79
1/2		1/2		1/2	3,323.56	1/2	3,111.01	1/2	2,898.47	1/2	2,685.93	1/2	2,453.26	1/2	2,210.09	1/2	1,966.88	1/2	1,723.73
3/4		3/4		3/4	3,319.13	3/4	3,106.58	3/4	2,894.04	3/4	2,681.50	3/4	2,448.20	3/4	2,205.02	3/4	1,961.82	3/4	1,718.66
2		2	3,481.43	2	3,314.70	2	3,102.15	2	2,889.61	2	2,677.07	2	2,443.13	2	2,199.95	2	1,956.75	2	1,713.60
1/4		1/4	3,481.06	1/4	3,310.27	1/4	3,097.72	1/4	2,885.18	1/4	2,672.64	1/4	2,438.07	1/4	2,194.89	1/4	1,951.68	1/4	1,708.54
1/2		1/2	3,480.68	1/2	3,305.85	1/2	3,093.30	1/2	2,880.76	1/2	2,668.21	1/2	2,433.00	1/2	2,189.82	1/2	1,946.62	1/2	1,703.47
3/4		3/4	3,480.31	3/4	3,301.42	3/4	3,088.87	3/4	2,876.33	3/4	2,663.78	3/4	2,427.94	3/4	2,184.76	3/4	1,941.55	3/4	1,698.41
3		3	3,479.93	3	3,296.99	3	3,084.44	3	2,871.90	3	2,659.35	3	2,422.87	3	2,179.69	3	1,936.48	3	1,693.34
1/4		1/4	3,478.67	1/4	3,292.56	1/4	3,080.01	1/4	2,867.47	1/4	2,654.92	1/4	2,417.81	1/4	2,174.62	1/4	1,931.41	1/4	1,688.28
1/2		1/2	3,477.41	1/2	3,288.13	1/2	3,075.59	1/2	2,863.05	1/2	2,650.50	1/2	2,412.75	1/2	2,169.56	1/2	1,926.35	1/2	1,683.21
3/4		3/4	3,476.14	3/4	3,283.70	3/4	3,071.16	3/4	2,858.62	3/4	2,646.07	3/4	2,407.68	3/4	2,164.49	3/4	1,921.28	3/4	1,678.15
4		4	3,474.88	4	3,279.27	4	3,066.73	4	2,854.19	4	2,641.64	4	2,402.62	4	2,159.42	4	1,916.21	4	1,673.08
1/4		1/4	3,472.73	1/4	3,274.84	1/4	3,062.30	1/4	2,849.76	1/4	2,637.02	1/4	2,397.56	1/4	2,154.35	1/4	1,911.15	1/4	1,668.02
1/2		1/2	3,470.58	1/2	3,270.42	1/2	3,057.88	1/2	2,845.33	1/2	2,632.40	1/2	2,392.49	1/2	2,149.29	1/2	1,906.08	1/2	1,662.96
3/4		3/4	3,468.43	3/4	3,265.99	3/4	3,053.45	3/4	2,840.90	3/4	2,627.78	3/4	2,387.43	3/4	2,144.22	3/4	1,901.02	3/4	1,657.89
5		5	3,466.28	5	3,261.56	5	3,049.02	5	2,836.47	5	2,623.16	5	2,382.36	5	2,139.15	5	1,895.95	5	1,652.83
1/4		1/4	3,463.24	1/4	3,257.13	1/4	3,044.59	1/4	2,832.04	1/4	2,618.42	1/4	2,377.29	1/4	2,134.08	1/4	1,890.88	1/4	1,647.77
1/2		1/2	3,460.21	1/2	3,252.71	1/2	3,040.17	1/2	2,827.62	1/2	2,613.67	1/2	2,372.23	1/2	2,129.02	1/2	1,885.82	1/2	1,642.70
3/4		3/4	3,457.17	3/4	3,248.28	3/4	3,035.74	3/4	2,823.19	3/4	2,608.93	3/4	2,367.16	3/4	2,123.95	3/4	1,880.75	3/4	1,637.64
6		6	3,454.13	6	3,243.85	6	3,031.31	6	2,818.76	6	2,604.18	6	2,362.09	6	2,118.88	6	1,875.68	6	1,632.57
1/4		1/4	3,450.21	1/4	3,239.42	1/4	3,026.88	1/4	2,814.33	1/4	2,599.31	1/4	2,357.02	1/4	2,113.82	1/4	1,870.61	1/4	1,627.51
1/2		1/2	3,446.29	1/2	3,235.00	1/2	3,022.45	1/2	2,809.91	1/2	2,594.44	1/2	2,351.96	1/2	2,108.75	1/2	1,865.55	1/2	1,622.45
3/4		3/4	3,442.36	3/4	3,230.57	3/4	3,018.02	3/4	2,805.48	3/4	2,589.56	3/4	2,346.89	3/4	2,103.69	3/4	1,860.48	3/4	1,617.38
7		7	3,438.44	7	3,226.14	7	3,013.59	7	2,801.05	7	2,584.69	7	2,341.82	7	2,098.62	7	1,855.41	7	1,612.32
1/4		1/4	3,434.07	1/4	3,221.71	1/4	3,009.16	1/4	2,796.62	1/4	2,579.69	1/4	2,336.76	1/4	2,093.55	1/4	1,850.34	1/4	1,607.26
1/2		1/2	3,429.71	1/2	3,217.29	1/2	3,004.74	1/2	2,792.20	1/2	2,574.69	1/2	2,331.69	1/2	2,088.49	1/2	1,845.28	1/2	1,602.19
3/4		3/4	3,425.34	3/4	3,212.86	3/4	3,000.31	3/4	2,787.77	3/4	2,569.68	3/4	2,326.63	3/4	2,083.42	3/4	1,840.21	3/4	1,597.13
8		8	3,420.97	8	3,208.43	8	2,995.88	8	2,783.34	8	2,564.68	8	2,321.56	8	2,078.35	8	1,835.14	8	1,592.06
1/4		1/4	3,416.54	1/4	3,204.00	1/4	2,991.45	1/4	2,778.91	1/4	2,559.62	1/4	2,316.49	1/4	2,073.28	1/4	1,830.08	1/4	1,587.00
1/2		1/2	3,412.12	1/2	3,199.57	1/2	2,987.03	1/2	2,774.49	1/2	2,554.56	1/2	2,311.43	1/2	2,068.22	1/2	1,825.01	1/2	1,581.93
3/4		3/4	3,407.69	3/4	3,195.14	3/4	2,982.60	3/4	2,770.06	3/4	2,549.49	3/4	2,306.36	3/4	2,063.15	3/4	1,819.95	3/4	1,576.87
9		9	3,403.26	9	3,190.71	9	2,978.17	9	2,765.63	9	2,544.43	9	2,301.29	9	2,058.08	9	1,814.88	9	1,571.80
1/4		1/4	3,398.83	1/4	3,186.28	1/4	2,973.74	1/4	2,761.20	1/4	2,539.37	1/4	2,296.22	1/4	2,053.02	1/4	1,809.82	1/4	1,566.74
1/2		1/2	3,394.41	1/2	3,181.86	1/2	2,969.32	1/2	2,756.77	1/2	2,534.30	1/2	2,291.16	1/2	2,047.95	1/2	1,804.75	1/2	1,561.68
3/4		3/4	3,389.98	3/4	3,177.43	3/4	2,964.89	3/4	2,752.34	3/4	2,529.24	3/4	2,286.09	3/4	2,042.89	3/4	1,799.69	3/4	1,556.61
10		10	3,385.55	10	3,173.00	10	2,960.46	10	2,747.91	10	2,524.17	10	2,281.02	10	2,037.82	10	1,794.62	10	1,551.55
1/4		1/4	3,381.12	1/4	3,168.57	1/4	2,956.03	1/4	2,743.48	1/4	2,519.11	1/4	2,275.95	1/4	2,032.75	1/4	1,789.56	1/4	1,546.49
1/2		1/2	3,376.69	1/2	3,164.15	1/2	2,951.61	1/2	2,739.06	1/2	2,514.04	1/2	2,270.89	1/2	2,027.69	1/2	1,784.49	1/2	1,541.42
3/4		3/4	3,372.26	3/4	3,159.72	3/4	2,947.18	3/4	2,734.63	3/4	2,508.98	3/4	2,265.82	3/4	2,022.62	3/4	1,779.43	3/4	1,536.36
11		11	3,367.83	11	3,155.29	11	2,942.75	11	2,730.20	11	2,503.91	11	2,260.75	11	2,017.55	11	1,774.36	11	1,531.29
1/4		1/4	3,363.40	1/4	3,150.86	1/4	2,938.32	1/4	2,725.77	1/4	2,498.85	1/4	2,255.69	1/4	2,012.48	1/4	1,769.30	1/4	1,526.23
1/2		1/2	3,358.98	1/2	3,146.44	1/2	2,933.89	1/2	2,721.35	1/2	2,493.78	1/2	2,250.62	1/2	2,007.42	1/2	1,764.24	1/2	1,521.17
3/4		3/4	3,354.55	3/4	3,142.01	3/4	2,929.46	3/4	2,716.92	3/4	2,488.72	3/4	2,245.56	3/4	2,002.35	3/4	1,759.17	3/4	1,516.10

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'-04" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "KIRBY 11334"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 107"

GAUGE HEIGHT 16'-03"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,511.04	0	1,267.96	0	1,024.89	0	781.88	0	539.48	0	296.33	0	54.69	0		0		0	
1/4	1,505.98	1/4	1,262.90	1/4	1,019.83	1/4	776.82	1/4	534.42	1/4	291.26	1/4	50.03	1/4		1/4		1/4	
1/2	1,500.91	1/2	1,257.84	1/2	1,014.77	1/2	771.76	1/2	529.36	1/2	286.20	1/2	45.36	1/2		1/2		1/2	
3/4	1,495.85	3/4	1,252.77	3/4	1,009.70	3/4	766.69	3/4	524.29	3/4	281.13	3/4	40.70	3/4		3/4		3/4	
1	1,490.78	1	1,247.71	1	1,004.64	1	761.63	1	519.23	1	276.06	1	36.03	1		1		1	
1/4	1,485.72	1/4	1,242.65	1/4	999.58	1/4	756.58	1/4	514.17	1/4	271.00	1/4	31.52	1/4		1/4		1/4	
1/2	1,480.65	1/2	1,237.58	1/2	994.52	1/2	751.54	1/2	509.10	1/2	265.93	1/2	27.01	1/2		1/2		1/2	
3/4	1,475.59	3/4	1,232.52	3/4	989.45	3/4	746.49	3/4	504.04	3/4	260.87	3/4	22.49	3/4		3/4		3/4	
2	1,470.52	2	1,227.45	2	984.39	2	741.44	2	498.97	2	255.80	2	17.98	2		2		2	
1/4	1,465.46	1/4	1,222.39	1/4	979.33	1/4	736.39	1/4	493.91	1/4	250.74	1/4	13.63	1/4		1/4		1/4	
1/2	1,460.40	1/2	1,217.33	1/2	974.27	1/2	731.35	1/2	488.84	1/2	245.67	1/2	9.27	1/2		1/2		1/2	
3/4	1,455.33	3/4	1,212.26	3/4	969.20	3/4	726.30	3/4	483.78	3/4	240.61	3/4	4.92	3/4		3/4		3/4	
3	1,450.27	3	1,207.20	3	964.14	3	721.25	3	478.71	3	235.54	3	0.56	3		3		3	
1/4	1,445.21	1/4	1,202.14	1/4	959.08	1/4	716.20	1/4	473.65	1/4	230.47	1/4		1/4		1/4		1/4	
1/2	1,440.14	1/2	1,197.07	1/2	954.02	1/2	711.16	1/2	468.58	1/2	225.41	1/2		1/2		1/2		1/2	
3/4	1,435.08	3/4	1,192.01	3/4	948.95	3/4	706.11	3/4	463.52	3/4	220.34	3/4		3/4		3/4		3/4	
4	1,430.01	4	1,186.94	4	943.89	4	701.06	4	458.45	4	215.27	4		4		4		4	
1/4	1,424.95	1/4	1,181.88	1/4	938.83	1/4	696.01	1/4	453.39	1/4	210.21	1/4		1/4		1/4		1/4	
1/2	1,419.89	1/2	1,176.81	1/2	933.77	1/2	690.97	1/2	448.32	1/2	205.14	1/2		1/2		1/2		1/2	
3/4	1,414.82	3/4	1,171.75	3/4	928.70	3/4	685.92	3/4	443.26	3/4	200.08	3/4		3/4		3/4		3/4	
5	1,409.76	5	1,166.68	5	923.64	5	680.87	5	438.19	5	195.01	5		5		5		5	
1/4	1,404.70	1/4	1,161.62	1/4	918.58	1/4	675.82	1/4	433.12	1/4	189.95	1/4		1/4		1/4		1/4	
1/2	1,399.63	1/2	1,156.56	1/2	913.52	1/2	670.78	1/2	428.06	1/2	184.88	1/2		1/2		1/2		1/2	
3/4	1,394.57	3/4	1,151.49	3/4	908.45	3/4	665.73	3/4	422.99	3/4	179.82	3/4		3/4		3/4		3/4	
6	1,389.50	6	1,146.43	6	903.39	6	660.68	6	417.92	6	174.75	6		6		6		6	
1/4	1,384.44	1/4	1,141.37	1/4	898.33	1/4	655.63	1/4	412.85	1/4	169.68	1/4		1/4		1/4		1/4	
1/2	1,379.37	1/2	1,136.30	1/2	893.27	1/2	650.59	1/2	407.79	1/2	164.62	1/2		1/2		1/2		1/2	
3/4	1,374.31	3/4	1,131.24	3/4	888.20	3/4	645.54	3/4	402.72	3/4	159.55	3/4		3/4		3/4		3/4	
7	1,369.24	7	1,126.17	7	883.14	7	640.49	7	397.65	7	154.48	7		7		7		7	
1/4	1,364.18	1/4	1,121.11	1/4	878.08	1/4	635.44	1/4	392.58	1/4	149.42	1/4		1/4		1/4		1/4	
1/2	1,359.12	1/2	1,116.05	1/2	873.02	1/2	630.40	1/2	387.52	1/2	144.35	1/2		1/2		1/2		1/2	
3/4	1,354.05	3/4	1,110.98	3/4	867.95	3/4	625.35	3/4	382.45	3/4	139.29	3/4		3/4		3/4		3/4	
8	1,348.99	8	1,105.92	8	862.89	8	620.30	8	377.38	8	134.22	8		8		8		8	
1/4	1,343.93	1/4	1,100.86	1/4	857.83	1/4	615.25	1/4	372.31	1/4	129.16	1/4		1/4		1/4		1/4	
1/2	1,338.86	1/2	1,095.79	1/2	852.77	1/2	610.21	1/2	367.25	1/2	124.09	1/2		1/2		1/2		1/2	
3/4	1,333.80	3/4	1,090.73	3/4	847.70	3/4	605.16	3/4	362.18	3/4	119.03	3/4		3/4		3/4		3/4	
9	1,328.73	9	1,085.66	9	842.64	9	600.11	9	357.11	9	113.96	9		9		9		9	
1/4	1,323.67	1/4	1,080.60	1/4	837.58	1/4	595.06	1/4	352.05	1/4	108.89	1/4		1/4		1/4		1/4	
1/2	1,318.61	1/2	1,075.53	1/2	832.51	1/2	590.02	1/2	346.98	1/2	103.83	1/2		1/2		1/2		1/2	
3/4	1,313.54	3/4	1,070.47	3/4	827.45	3/4	584.97	3/4	341.92	3/4	98.76	3/4		3/4		3/4		3/4	
10	1,308.48	10	1,065.40	10	822.38	10	579.92	10	336.85	10	93.69	10		10		10		10	
1/4	1,303.42	1/4	1,060.34	1/4	817.32	1/4	574.87	1/4	331.79	1/4	88.75	1/4		1/4		1/4		1/4	
1/2	1,298.35	1/2	1,055.28	1/2	812.26	1/2	569.83	1/2	326.72	1/2	83.80	1/2		1/2		1/2		1/2	
3/4	1,293.29	3/4	1,050.21	3/4	807.19	3/4	564.78	3/4	321.66	3/4	78.86	3/4		3/4		3/4		3/4	
11	1,288.22	11	1,045.15	11	802.13	11	559.73	11	316.59	11	73.91	11		11		11		11	
1/4	1,283.16	1/4	1,040.09	1/4	797.07	1/4	554.67	1/4	311.53	1/4	69.11	1/4		1/4		1/4		1/4	
1/2	1,278.09	1/2	1,035.02	1/2	792.01	1/2	549.61	1/2	306.46	1/2	64.30	1/2		1/2		1/2		1/2	
3/4	1,273.03	3/4	1,029.96	3/4	786.94	3/4	544.54	3/4	301.40	3/4	59.50	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2008 CB
RECOMPUTED: 04/14/2023 JS
NAME CHANGE: 04/14/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

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



BARGE "KIRBY 11334"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 107"

GAUGE HEIGHT 16'-03"

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	3,943.64	0	3,666.71	0	3,389.79	0	3,112.87	0	2,835.95	0	2,559.03	0	2,282.11	0	2,005.18
1/4	1/4	1/4		1/4	3,937.87	1/4	3,660.94	1/4	3,384.02	1/4	3,107.10	1/4	2,830.18	1/4	2,553.26	1/4	2,276.34	1/4	1,999.41
1/2	1/2	1/2		1/2	3,932.10	1/2	3,655.18	1/2	3,378.26	1/2	3,101.33	1/2	2,824.41	1/2	2,547.49	1/2	2,270.57	1/2	1,993.65
3/4	3/4	3/4		3/4	3,926.33	3/4	3,649.41	3/4	3,372.49	3/4	3,095.56	3/4	2,818.64	3/4	2,541.72	3/4	2,264.80	3/4	1,987.88
1		1		1	3,920.56	1	3,643.64	1	3,366.72	1	3,089.79	1	2,812.87	1	2,535.95	1	2,259.03	1	1,982.11
1/4	1/4	1/4		1/4	3,914.79	1/4	3,637.87	1/4	3,360.95	1/4	3,084.02	1/4	2,807.10	1/4	2,530.18	1/4	2,253.26	1/4	1,976.34
1/2	1/2	1/2		1/2	3,909.02	1/2	3,632.10	1/2	3,355.18	1/2	3,078.26	1/2	2,801.34	1/2	2,524.41	1/2	2,247.49	1/2	1,970.57
3/4	3/4	3/4		3/4	3,903.25	3/4	3,626.33	3/4	3,349.41	3/4	3,072.49	3/4	2,795.57	3/4	2,518.64	3/4	2,241.72	3/4	1,964.80
2		2	4,114.98	2	3,897.48	2	3,620.56	2	3,343.64	2	3,066.72	2	2,789.80	2	2,512.87	2	2,235.95	2	1,959.03
1/4	1/4	1/4	4,114.48	1/4	3,891.71	1/4	3,614.79	1/4	3,337.87	1/4	3,060.95	1/4	2,784.03	1/4	2,507.10	1/4	2,230.18	1/4	1,953.26
1/2	1/2	1/2	4,113.98	1/2	3,885.95	1/2	3,609.02	1/2	3,332.10	1/2	3,055.18	1/2	2,778.26	1/2	2,501.34	1/2	2,224.42	1/2	1,947.49
3/4	3/4	3/4	4,113.47	3/4	3,880.18	3/4	3,603.25	3/4	3,326.33	3/4	3,049.41	3/4	2,772.49	3/4	2,495.57	3/4	2,218.65	3/4	1,941.72
3		3	4,112.97	3	3,874.41	3	3,597.48	3	3,320.56	3	3,043.64	3	2,766.72	3	2,489.80	3	2,212.88	3	1,935.95
1/4	1/4	1/4	4,111.32	1/4	3,868.64	1/4	3,591.71	1/4	3,314.79	1/4	3,037.87	1/4	2,760.95	1/4	2,484.03	1/4	2,207.11	1/4	1,930.18
1/2	1/2	1/2	4,109.66	1/2	3,862.87	1/2	3,585.95	1/2	3,309.03	1/2	3,032.10	1/2	2,755.18	1/2	2,478.26	1/2	2,201.34	1/2	1,924.42
3/4	3/4	3/4	4,108.01	3/4	3,857.10	3/4	3,580.18	3/4	3,303.26	3/4	3,026.33	3/4	2,749.41	3/4	2,472.49	3/4	2,195.57	3/4	1,918.65
4		4	4,106.35	4	3,851.33	4	3,574.41	4	3,297.49	4	3,020.56	4	2,743.64	4	2,466.72	4	2,189.80	4	1,912.88
1/4	1/4	1/4	4,103.54	1/4	3,845.56	1/4	3,568.64	1/4	3,291.72	1/4	3,014.79	1/4	2,737.87	1/4	2,460.95	1/4	2,184.03	1/4	1,907.11
1/2	1/2	1/2	4,100.73	1/2	3,839.79	1/2	3,562.87	1/2	3,285.95	1/2	3,009.03	1/2	2,732.11	1/2	2,455.18	1/2	2,178.26	1/2	1,901.34
3/4	3/4	3/4	4,097.91	3/4	3,834.02	3/4	3,557.10	3/4	3,280.18	3/4	3,003.26	3/4	2,726.34	3/4	2,449.41	3/4	2,172.49	3/4	1,895.57
5		5	4,095.10	5	3,828.25	5	3,551.33	5	3,274.41	5	2,997.49	5	2,720.57	5	2,443.64	5	2,166.72	5	1,889.80
1/4	1/4	1/4	4,091.13	1/4	3,822.48	1/4	3,545.56	1/4	3,268.64	1/4	2,991.72	1/4	2,714.80	1/4	2,437.87	1/4	2,160.95	1/4	1,884.03
1/2	1/2	1/2	4,087.17	1/2	3,816.71	1/2	3,539.79	1/2	3,262.87	1/2	2,985.95	1/2	2,709.03	1/2	2,432.11	1/2	2,155.19	1/2	1,878.26
3/4	3/4	3/4	4,083.20	3/4	3,810.94	3/4	3,534.02	3/4	3,257.10	3/4	2,980.18	3/4	2,703.26	3/4	2,426.34	3/4	2,149.42	3/4	1,872.49
6		6	4,079.23	6	3,805.17	6	3,528.25	6	3,251.33	6	2,974.41	6	2,697.49	6	2,420.57	6	2,143.65	6	1,866.72
1/4	1/4	1/4	4,074.11	1/4	3,799.40	1/4	3,522.48	1/4	3,245.56	1/4	2,968.64	1/4	2,691.72	1/4	2,414.80	1/4	2,137.88	1/4	1,860.95
1/2	1/2	1/2	4,068.99	1/2	3,793.64	1/2	3,516.72	1/2	3,239.79	1/2	2,962.87	1/2	2,685.95	1/2	2,409.03	1/2	2,132.11	1/2	1,855.19
3/4	3/4	3/4	4,063.86	3/4	3,787.87	3/4	3,510.95	3/4	3,234.02	3/4	2,957.10	3/4	2,680.18	3/4	2,403.26	3/4	2,126.34	3/4	1,849.42
7		7	4,058.74	7	3,782.10	7	3,505.18	7	3,228.25	7	2,951.33	7	2,674.41	7	2,397.49	7	2,120.57	7	1,843.65
1/4	1/4	1/4	4,053.04	1/4	3,776.33	1/4	3,499.41	1/4	3,222.48	1/4	2,945.56	1/4	2,668.64	1/4	2,391.72	1/4	2,114.80	1/4	1,837.88
1/2	1/2	1/2	4,047.34	1/2	3,770.56	1/2	3,493.64	1/2	3,216.72	1/2	2,939.80	1/2	2,662.87	1/2	2,385.95	1/2	2,109.03	1/2	1,832.11
3/4	3/4	3/4	4,041.64	3/4	3,764.79	3/4	3,487.87	3/4	3,210.95	3/4	2,934.03	3/4	2,657.10	3/4	2,380.18	3/4	2,103.26	3/4	1,826.34
8		8	4,035.94	8	3,759.02	8	3,482.10	8	3,205.18	8	2,928.26	8	2,651.33	8	2,374.41	8	2,097.49	8	1,820.57
1/4	1/4	1/4	4,030.17	1/4	3,753.25	1/4	3,476.33	1/4	3,199.41	1/4	2,922.49	1/4	2,645.56	1/4	2,368.64	1/4	2,091.72	1/4	1,814.80
1/2	1/2	1/2	4,024.41	1/2	3,747.48	1/2	3,470.56	1/2	3,193.64	1/2	2,916.72	1/2	2,639.80	1/2	2,362.88	1/2	2,085.95	1/2	1,809.03
3/4	3/4	3/4	4,018.64	3/4	3,741.71	3/4	3,464.79	3/4	3,187.87	3/4	2,910.95	3/4	2,634.03	3/4	2,357.11	3/4	2,080.18	3/4	1,803.26
9		9	4,012.87	9	3,735.94	9	3,459.02	9	3,182.10	9	2,905.18	9	2,628.26	9	2,351.34	9	2,074.41	9	1,797.49
1/4	1/4	1/4	4,007.10	1/4	3,730.17	1/4	3,453.25	1/4	3,176.33	1/4	2,899.41	1/4	2,622.49	1/4	2,345.57	1/4	2,068.64	1/4	1,791.72
1/2	1/2	1/2	4,001.33	1/2	3,724.41	1/2	3,447.49	1/2	3,170.56	1/2	2,893.64	1/2	2,616.72	1/2	2,339.80	1/2	2,062.88	1/2	1,785.96
3/4	3/4	3/4	3,995.56	3/4	3,718.64	3/4	3,441.72	3/4	3,164.79	3/4	2,887.87	3/4	2,610.95	3/4	2,334.03	3/4	2,057.11	3/4	1,780.19
10		10	3,989.79	10	3,712.87	10	3,435.95	10	3,159.02	10	2,882.10	10	2,605.18	10	2,328.26	10	2,051.34	10	1,774.42
1/4	1/4	1/4	3,984.02	1/4	3,707.10	1/4	3,430.18	1/4	3,153.25	1/4	2,876.33	1/4	2,599.41	1/4	2,322.49	1/4	2,045.57	1/4	1,768.65
1/2	1/2	1/2	3,978.25	1/2	3,701.33	1/2	3,424.41	1/2	3,147.49	1/2	2,870.57	1/2	2,593.64	1/2	2,316.72	1/2	2,039.80	1/2	1,762.88
3/4	3/4	3/4	3,972.48	3/4	3,695.56	3/4	3,418.64	3/4	3,141.72	3/4	2,864.80	3/4	2,587.87	3/4	2,310.95	3/4	2,034.03	3/4	1,757.11
11		11	3,966.71	11	3,689.79	11	3,412.87	11	3,135.95	11	2,859.03	11	2,582.10	11	2,305.18	11	2,028.26	11	1,751.34
1/4	1/4	1/4	3,960.94	1/4	3,684.02	1/4	3,407.10	1/4	3,130.18	1/4	2,853.26	1/4	2,576.33	1/4	2,299.41	1/4	2,022.49	1/4	1,745.57
1/2	1/2	1/2	3,955.18	1/2	3,678.25	1/2	3,401.33	1/2	3,124.41	1/2	2,847.49	1/2	2,570.57	1/2	2,293.65	1/2	2,016.72	1/2	1,739.80
3/4	3/4	3/4	3,949.41	3/4	3,672.48	3/4	3,395.56	3/4	3,118.64	3/4	2,841.72	3/4	2,564.80	3/4	2,287.88	3/4	2,010.95	3/4	1,734.03

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'-04" 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 11334"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 107"

GAUGE HEIGHT 16'-03"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,728.26	0	1,451.34	0	1,174.42	0	897.61	0	621.60	0	344.66	0	68.02	0		0		0	
1/4	1,722.49	1/4	1,445.57	1/4	1,168.65	1/4	891.84	1/4	615.84	1/4	338.89	1/4	62.34	1/4		1/4		1/4	
1/2	1,716.73	1/2	1,439.80	1/2	1,162.88	1/2	886.08	1/2	610.07	1/2	333.13	1/2	56.67	1/2		1/2		1/2	
3/4	1,710.96	3/4	1,434.03	3/4	1,157.11	3/4	880.31	3/4	604.31	3/4	327.36	3/4	50.99	3/4		3/4		3/4	
1	1,705.19	1	1,428.26	1	1,151.34	1	874.54	1	598.54	1	321.59	1	45.31	1		1		1	
1/4	1,699.42	1/4	1,422.49	1/4	1,145.58	1/4	868.79	1/4	592.77	1/4	315.82	1/4	39.69	1/4		1/4		1/4	
1/2	1,693.65	1/2	1,416.73	1/2	1,139.81	1/2	863.05	1/2	587.00	1/2	310.05	1/2	34.07	1/2		1/2		1/2	
3/4	1,687.88	3/4	1,410.96	3/4	1,134.05	3/4	857.30	3/4	581.23	3/4	304.28	3/4	28.44	3/4		3/4		3/4	
2	1,682.11	2	1,405.19	2	1,128.28	2	851.55	2	575.46	2	298.51	2	22.82	2		2		2	
1/4	1,676.34	1/4	1,399.42	1/4	1,122.51	1/4	845.81	1/4	569.69	1/4	292.74	1/4	17.26	1/4		1/4		1/4	
1/2	1,670.57	1/2	1,393.65	1/2	1,116.75	1/2	840.06	1/2	563.92	1/2	286.97	1/2	11.69	1/2		1/2		1/2	
3/4	1,664.80	3/4	1,387.88	3/4	1,110.98	3/4	834.32	3/4	558.15	3/4	281.20	3/4	6.13	3/4		3/4		3/4	
3	1,659.03	3	1,382.11	3	1,105.21	3	828.57	3	552.38	3	275.43	3	0.56	3		3		3	
1/4	1,653.26	1/4	1,376.34	1/4	1,099.45	1/4	822.82	1/4	546.61	1/4	269.66	1/4		1/4		1/4		1/4	
1/2	1,647.50	1/2	1,370.57	1/2	1,093.68	1/2	817.08	1/2	540.85	1/2	263.89	1/2		1/2		1/2		1/2	
3/4	1,641.73	3/4	1,364.80	3/4	1,087.92	3/4	811.33	3/4	535.08	3/4	258.12	3/4		3/4		3/4		3/4	
4	1,635.96	4	1,359.03	4	1,082.15	4	805.58	4	529.31	4	252.35	4		4		4		4	
1/4	1,630.19	1/4	1,353.26	1/4	1,076.39	1/4	799.83	1/4	523.54	1/4	246.58	1/4		1/4		1/4		1/4	
1/2	1,624.42	1/2	1,347.50	1/2	1,070.62	1/2	794.09	1/2	517.77	1/2	240.82	1/2		1/2		1/2		1/2	
3/4	1,618.65	3/4	1,341.73	3/4	1,064.86	3/4	788.34	3/4	512.00	3/4	235.05	3/4		3/4		3/4		3/4	
5	1,612.88	5	1,335.96	5	1,059.09	5	782.59	5	506.23	5	229.28	5		5		5		5	
1/4	1,607.11	1/4	1,330.19	1/4	1,053.07	1/4	776.85	1/4	500.46	1/4	223.51	1/4		1/4		1/4		1/4	
1/2	1,601.34	1/2	1,324.42	1/2	1,047.06	1/2	771.10	1/2	494.69	1/2	217.74	1/2		1/2		1/2		1/2	
3/4	1,595.57	3/4	1,318.65	3/4	1,041.04	3/4	765.36	3/4	488.92	3/4	211.97	3/4		3/4		3/4		3/4	
6	1,589.80	6	1,312.88	6	1,035.02	6	759.61	6	483.15	6	206.20	6		6		6		6	
1/4	1,584.03	1/4	1,307.11	1/4	1,029.50	1/4	753.86	1/4	477.38	1/4	200.43	1/4		1/4		1/4		1/4	
1/2	1,578.27	1/2	1,301.34	1/2	1,023.99	1/2	748.12	1/2	471.61	1/2	194.66	1/2		1/2		1/2		1/2	
3/4	1,572.50	3/4	1,295.57	3/4	1,018.47	3/4	742.37	3/4	465.83	3/4	188.89	3/4		3/4		3/4		3/4	
7	1,566.73	7	1,289.80	7	1,012.95	7	736.62	7	460.06	7	183.12	7		7		7		7	
1/4	1,560.96	1/4	1,284.03	1/4	1,007.18	1/4	730.87	1/4	454.29	1/4	177.35	1/4		1/4		1/4		1/4	
1/2	1,555.19	1/2	1,278.27	1/2	1,001.42	1/2	725.13	1/2	448.52	1/2	171.58	1/2		1/2		1/2		1/2	
3/4	1,549.42	3/4	1,272.50	3/4	995.65	3/4	719.38	3/4	442.75	3/4	165.81	3/4		3/4		3/4		3/4	
8	1,543.65	8	1,266.73	8	989.88	8	713.63	8	436.98	8	160.04	8		8		8		8	
1/4	1,537.88	1/4	1,260.96	1/4	984.11	1/4	707.88	1/4	431.21	1/4	154.27	1/4		1/4		1/4		1/4	
1/2	1,532.11	1/2	1,255.19	1/2	978.35	1/2	702.14	1/2	425.44	1/2	148.51	1/2		1/2		1/2		1/2	
3/4	1,526.34	3/4	1,249.42	3/4	972.58	3/4	696.39	3/4	419.66	3/4	142.74	3/4		3/4		3/4		3/4	
9	1,520.57	9	1,243.65	9	966.81	9	690.64	9	413.89	9	136.97	9		9		9		9	
1/4	1,514.80	1/4	1,237.88	1/4	961.05	1/4	684.90	1/4	408.12	1/4	131.20	1/4		1/4		1/4		1/4	
1/2	1,509.03	1/2	1,232.11	1/2	955.28	1/2	679.15	1/2	402.36	1/2	125.43	1/2		1/2		1/2		1/2	
3/4	1,503.26	3/4	1,226.34	3/4	949.52	3/4	673.41	3/4	396.59	3/4	119.66	3/4		3/4		3/4		3/4	
10	1,497.49	10	1,220.57	10	943.75	10	667.66	10	390.82	10	113.89	10		10		10		10	
1/4	1,491.72	1/4	1,214.80	1/4	937.98	1/4	661.91	1/4	385.05	1/4	108.14	1/4		1/4		1/4		1/4	
1/2	1,485.96	1/2	1,209.04	1/2	932.22	1/2	656.17	1/2	379.28	1/2	102.39	1/2		1/2		1/2		1/2	
3/4	1,480.19	3/4	1,203.27	3/4	926.45	3/4	650.42	3/4	373.51	3/4	96.63	3/4		3/4		3/4		3/4	
11	1,474.42	11	1,197.50	11	920.68	11	644.67	11	367.74	11	90.88	11		11		11		11	
1/4	1,468.65	1/4	1,191.73	1/4	914.91	1/4	638.90	1/4	361.97	1/4	85.17	1/4		1/4		1/4		1/4	
1/2	1,462.88	1/2	1,185.96	1/2	909.15	1/2	633.14	1/2	356.20	1/2	79.45	1/2		1/2		1/2		1/2	
3/4	1,457.11	3/4	1,180.19	3/4	903.38	3/4	627.37	3/4	350.43	3/4	73.74	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2008 CB
RECOMPUTED: 04/14/2023 JS
NAME CHANGE: 04/14/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

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



BARGE "KIRBY 11334"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 107"

GAUGE HEIGHT 16'-02 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	IN	OUT
0		0		0	3,511.74	0	3,264.42	0	3,017.10	0	2,769.79	0	2,522.47	0	2,275.16	0	2,027.84	0	1,780.53		
1/4	1/4	1/4	3,506.58	1/4	3,259.27	1/4	3,011.95	1/4	2,764.64	1/4	2,517.32	1/4	2,270.01	1/4	2,022.69	1/4	1,775.38				
1/2	1/2	1/2	3,501.43	1/2	3,254.12	1/2	3,006.80	1/2	2,759.49	1/2	2,512.17	1/2	2,264.86	1/2	2,017.54	1/2	1,770.23				
3/4	3/4	3/4	3,496.28	3/4	3,248.97	3/4	3,001.65	3/4	2,754.34	3/4	2,507.02	3/4	2,259.71	3/4	2,012.39	3/4	1,765.08				
1	1	1	3,491.12	1	3,243.81	1	2,996.49	1	2,749.18	1	2,501.86	1	2,254.55	1	2,007.23	1	1,759.92				
1/4	1/4	1/4	3,485.97	1/4	3,238.66	1/4	2,991.34	1/4	2,744.03	1/4	2,496.71	1/4	2,249.40	1/4	2,002.08	1/4	1,754.77				
1/2	1/2	1/2	3,675.06	1/2	3,480.82	1/2	3,233.51	1/2	2,986.19	1/2	2,738.88	1/2	2,491.56	1/2	2,244.25	1/2	1,996.93	1/2	1,749.62		
3/4	3/4	3/4	3,674.61	3/4	3,475.67	3/4	3,228.36	3/4	2,981.04	3/4	2,733.73	3/4	2,486.41	3/4	2,239.10	3/4	1,991.78	3/4	1,744.47		
2	2	2	3,674.17	2	3,470.51	2	3,223.20	2	2,975.88	2	2,728.57	2	2,481.25	2	2,233.94	2	1,986.62	2	1,739.31		
1/4	1/4	1/4	3,673.72	1/4	3,465.36	1/4	3,218.05	1/4	2,970.73	1/4	2,723.42	1/4	2,476.10	1/4	2,228.79	1/4	1,981.47	1/4	1,734.16		
1/2	1/2	1/2	3,673.27	1/2	3,460.21	1/2	3,212.90	1/2	2,965.58	1/2	2,718.27	1/2	2,470.95	1/2	2,223.64	1/2	1,976.32	1/2	1,729.01		
3/4	3/4	3/4	3,671.79	3/4	3,455.06	3/4	3,207.75	3/4	2,960.43	3/4	2,713.12	3/4	2,465.80	3/4	2,218.49	3/4	1,971.17	3/4	1,723.86		
3	3	3	3,670.31	3	3,449.90	3	3,202.59	3	2,955.27	3	2,707.96	3	2,460.64	3	2,213.33	3	1,966.01	3	1,718.70		
1/4	1/4	1/4	3,668.83	1/4	3,444.75	1/4	3,197.44	1/4	2,950.12	1/4	2,702.81	1/4	2,455.49	1/4	2,208.18	1/4	1,960.86	1/4	1,713.55		
1/2	1/2	1/2	3,667.35	1/2	3,439.60	1/2	3,192.29	1/2	2,944.97	1/2	2,697.66	1/2	2,450.34	1/2	2,203.03	1/2	1,955.71	1/2	1,708.40		
3/4	3/4	3/4	3,664.84	3/4	3,434.45	3/4	3,187.14	3/4	2,939.82	3/4	2,692.51	3/4	2,445.19	3/4	2,197.88	3/4	1,950.56	3/4	1,703.25		
4	4	4	3,662.33	4	3,429.29	4	3,181.98	4	2,934.66	4	2,687.35	4	2,440.03	4	2,192.72	4	1,945.40	4	1,698.09		
1/4	1/4	1/4	3,659.82	1/4	3,424.14	1/4	3,176.83	1/4	2,929.51	1/4	2,682.20	1/4	2,434.88	1/4	2,187.57	1/4	1,940.25	1/4	1,692.94		
1/2	1/2	1/2	3,657.31	1/2	3,418.99	1/2	3,171.68	1/2	2,924.36	1/2	2,677.05	1/2	2,429.73	1/2	2,182.42	1/2	1,935.10	1/2	1,687.79		
3/4	3/4	3/4	3,653.77	3/4	3,413.84	3/4	3,166.53	3/4	2,919.21	3/4	2,671.90	3/4	2,424.58	3/4	2,177.27	3/4	1,929.95	3/4	1,682.64		
5	5	5	3,650.23	5	3,408.68	5	3,161.37	5	2,914.05	5	2,666.74	5	2,419.42	5	2,172.11	5	1,924.79	5	1,677.48		
1/4	1/4	1/4	3,646.68	1/4	3,403.53	1/4	3,156.22	1/4	2,908.90	1/4	2,661.59	1/4	2,414.27	1/4	2,166.96	1/4	1,919.64	1/4	1,672.33		
1/2	1/2	1/2	3,643.14	1/2	3,398.38	1/2	3,151.07	1/2	2,903.75	1/2	2,656.44	1/2	2,409.12	1/2	2,161.81	1/2	1,914.49	1/2	1,667.18		
3/4	3/4	3/4	3,638.57	3/4	3,393.23	3/4	3,145.92	3/4	2,898.60	3/4	2,651.29	3/4	2,403.97	3/4	2,156.66	3/4	1,909.34	3/4	1,662.03		
6	6	6	3,633.99	6	3,388.07	6	3,140.76	6	2,893.44	6	2,646.13	6	2,398.81	6	2,151.50	6	1,904.18	6	1,656.87		
1/4	1/4	1/4	3,629.42	1/4	3,382.92	1/4	3,135.61	1/4	2,888.29	1/4	2,640.98	1/4	2,393.66	1/4	2,146.35	1/4	1,899.03	1/4	1,651.72		
1/2	1/2	1/2	3,624.84	1/2	3,377.77	1/2	3,130.46	1/2	2,883.14	1/2	2,635.83	1/2	2,388.51	1/2	2,141.20	1/2	1,893.88	1/2	1,646.57		
3/4	3/4	3/4	3,619.75	3/4	3,372.62	3/4	3,125.31	3/4	2,877.99	3/4	2,630.68	3/4	2,383.36	3/4	2,136.05	3/4	1,888.73	3/4	1,641.42		
7	7	7	3,614.66	7	3,367.46	7	3,120.15	7	2,872.83	7	2,625.52	7	2,378.20	7	2,130.89	7	1,883.57	7	1,636.26		
1/4	1/4	1/4	3,609.57	1/4	3,362.31	1/4	3,115.00	1/4	2,867.68	1/4	2,620.37	1/4	2,373.05	1/4	2,125.74	1/4	1,878.42	1/4	1,631.11		
1/2	1/2	1/2	3,604.48	1/2	3,357.16	1/2	3,109.85	1/2	2,862.53	1/2	2,615.22	1/2	2,367.90	1/2	2,120.59	1/2	1,873.27	1/2	1,625.96		
3/4	3/4	3/4	3,599.33	3/4	3,352.01	3/4	3,104.70	3/4	2,857.38	3/4	2,610.07	3/4	2,362.75	3/4	2,115.44	3/4	1,868.12	3/4	1,620.81		
8	8	8	3,594.18	8	3,346.85	8	3,099.54	8	2,852.22	8	2,604.91	8	2,357.59	8	2,110.28	8	1,862.96	8	1,615.65		
1/4	1/4	1/4	3,589.02	1/4	3,341.70	1/4	3,094.39	1/4	2,847.07	1/4	2,599.76	1/4	2,352.44	1/4	2,105.13	1/4	1,857.81	1/4	1,610.50		
1/2	1/2	1/2	3,583.87	1/2	3,336.55	1/2	3,089.24	1/2	2,841.92	1/2	2,594.61	1/2	2,347.29	1/2	2,099.98	1/2	1,852.66	1/2	1,605.35		
3/4	3/4	3/4	3,578.72	3/4	3,331.40	3/4	3,084.09	3/4	2,836.77	3/4	2,589.46	3/4	2,342.14	3/4	2,094.83	3/4	1,847.51	3/4	1,600.20		
9	9	9	3,573.57	9	3,326.25	9	3,078.93	9	2,831.61	9	2,584.30	9	2,336.98	9	2,089.67	9	1,842.35	9	1,595.04		
1/4	1/4	1/4	3,568.41	1/4	3,321.10	1/4	3,073.78	1/4	2,826.46	1/4	2,579.15	1/4	2,331.83	1/4	2,084.52	1/4	1,837.20	1/4	1,589.89		
1/2	1/2	1/2	3,563.26	1/2	3,315.95	1/2	3,068.63	1/2	2,821.31	1/2	2,574.00	1/2	2,326.68	1/2	2,079.37	1/2	1,832.05	1/2	1,584.74		
3/4	3/4	3/4	3,558.11	3/4	3,310.80	3/4	3,063.48	3/4	2,816.16	3/4	2,568.85	3/4	2,321.53	3/4	2,074.22	3/4	1,826.90	3/4	1,579.59		
10	10	10	3,552.96	10	3,305.64	10	3,058.32	10	2,811.01	10	2,563.69	10	2,316.37	10	2,069.06	10	1,821.74	10	1,574.43		
1/4	1/4	1/4	3,547.80	1/4	3,300.49	1/4	3,053.17	1/4	2,805.86	1/4	2,558.54	1/4	2,311.22	1/4	2,063.91	1/4	1,816.59	1/4	1,569.28		
1/2	1/2	1/2	3,542.65	1/2	3,295.34	1/2	3,048.02	1/2	2,800.71	1/2	2,553.39	1/2	2,306.07	1/2	2,058.76	1/2	1,811.44	1/2	1,564.13		
3/4	3/4	3/4	3,537.50	3/4	3,290.19	3/4	3,042.87	3/4	2,795.56	3/4	2,548.24	3/4	2,300.92	3/4	2,053.61	3/4	1,806.29	3/4	1,558.98		
11	11	11	3,532.35	11	3,285.03	11	3,037.71	11	2,790.40	11	2,543.08	11	2,295.77	11	2,048.45	11	1,801.13	11	1,553.82		
1/4	1/4	1/4	3,527.19	1/4	3,279.88	1/4	3,032.56	1/4	2,785.25	1/4	2,537.93	1/4	2,290.62	1/4	2,043.30	1/4	1,795.98	1/4	1,548.67		
1/2	1/2	1/2	3,522.04	1/2	3,274.73	1/2	3,027.41	1/2	2,780.10	1/2	2,532.78	1/2	2,285.47	1/2	2,038.15	1/2	1,790.83	1/2	1,543.52		
3/4	3/4	3/4	3,516.89	3/4	3,269.58	3/4	3,022.26	3/4	2,774.95	3/4	2,527.63	3/4	2,280.32	3/4	2,033.00	3/4	1,785.68	3/4	1,538.37		

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'-04" 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 11334"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 107"

GAUGE HEIGHT 16'-02 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,528.06	1/4	1,280.74	1/4	1,033.43	1/4	786.24	1/4	539.75	1/4	292.41	1/4	45.60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,522.91	1/2	1,275.59	1/2	1,028.28	1/2	781.09	1/2	534.60	1/2	287.26	1/2	40.53	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,517.76	3/4	1,270.44	3/4	1,023.13	3/4	775.96	3/4	529.45	3/4	282.11	3/4	35.51	3/4	3/4	3/4	3/4	3/4	3/4
1	1,512.60	1	1,265.29	1	1,017.98	1	770.82	1	524.29	1	276.95	1	30.48	1	1	1	1	1	1
1/4	1,507.45	1/4	1,260.14	1/4	1,012.83	1/4	765.69	1/4	519.14	1/4	271.80	1/4	25.46	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,502.30	1/2	1,254.99	1/2	1,007.68	1/2	760.56	1/2	513.99	1/2	266.65	1/2	20.44	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,497.15	3/4	1,249.84	3/4	1,002.53	3/4	755.43	3/4	508.84	3/4	261.50	3/4	15.47	3/4	3/4	3/4	3/4	3/4	3/4
2	1,491.99	2	1,244.68	2	997.38	2	750.29	2	503.68	2	256.34	2	10.50	2	2	2	2	2	2
1/4	1,486.84	1/4	1,239.53	1/4	992.24	1/4	745.16	1/4	498.53	1/4	251.19	1/4	5.53	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,481.69	1/2	1,234.38	1/2	987.09	1/2	740.03	1/2	493.38	1/2	246.04	1/2	0.56	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,476.54	3/4	1,229.23	3/4	981.94	3/4	734.90	3/4	488.23	3/4	240.89	3/4		3/4	3/4	3/4	3/4	3/4	3/4
3	1,471.38	3	1,224.07	3	976.79	3	729.76	3	483.07	3	235.73	3		3	3	3	3	3	3
1/4	1,466.23	1/4	1,218.92	1/4	971.64	1/4	724.63	1/4	477.92	1/4	230.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,461.08	1/2	1,213.77	1/2	966.49	1/2	719.50	1/2	472.77	1/2	225.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,455.93	3/4	1,208.62	3/4	961.34	3/4	714.37	3/4	467.62	3/4	220.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	1,450.77	4	1,203.46	4	956.19	4	709.23	4	462.46	4	215.12	4		4	4	4	4	4	4
1/4	1,445.62	1/4	1,198.31	1/4	951.04	1/4	704.10	1/4	457.31	1/4	209.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,440.47	1/2	1,193.16	1/2	945.89	1/2	698.97	1/2	452.16	1/2	204.82	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,435.32	3/4	1,188.01	3/4	940.74	3/4	693.84	3/4	447.01	3/4	199.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	1,430.16	5	1,182.85	5	935.59	5	688.70	5	441.85	5	194.51	5		5	5	5	5	5	5
1/4	1,425.01	1/4	1,177.70	1/4	930.44	1/4	683.57	1/4	436.70	1/4	189.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,419.86	1/2	1,172.55	1/2	925.29	1/2	678.44	1/2	431.55	1/2	184.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,414.71	3/4	1,167.40	3/4	920.14	3/4	673.31	3/4	426.39	3/4	179.06	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,409.55	6	1,162.24	6	914.99	6	668.17	6	421.24	6	173.90	6		6	6	6	6	6	6
1/4	1,404.40	1/4	1,157.09	1/4	909.84	1/4	663.04	1/4	416.08	1/4	168.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,399.25	1/2	1,151.94	1/2	904.69	1/2	657.91	1/2	410.93	1/2	163.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,394.10	3/4	1,146.79	3/4	899.54	3/4	652.78	3/4	405.77	3/4	158.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,388.94	7	1,141.63	7	894.39	7	647.64	7	400.62	7	153.29	7		7	7	7	7	7	7
1/4	1,383.79	1/4	1,136.48	1/4	889.24	1/4	642.51	1/4	395.46	1/4	148.14	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,378.64	1/2	1,131.33	1/2	884.09	1/2	637.38	1/2	390.31	1/2	142.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,373.49	3/4	1,126.18	3/4	878.94	3/4	632.25	3/4	385.16	3/4	137.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,368.33	8	1,121.02	8	873.79	8	627.12	8	380.00	8	132.68	8		8	8	8	8	8	8
1/4	1,363.18	1/4	1,115.87	1/4	868.64	1/4	621.99	1/4	374.85	1/4	127.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,358.03	1/2	1,110.72	1/2	863.49	1/2	616.86	1/2	369.70	1/2	122.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,352.88	3/4	1,105.57	3/4	858.34	3/4	611.73	3/4	364.55	3/4	117.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,347.72	9	1,100.41	9	853.19	9	606.59	9	359.39	9	112.07	9		9	9	9	9	9	9
1/4	1,342.57	1/4	1,095.26	1/4	848.04	1/4	601.46	1/4	354.24	1/4	106.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,337.42	1/2	1,090.11	1/2	842.89	1/2	596.33	1/2	349.09	1/2	101.77	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,332.27	3/4	1,084.96	3/4	837.74	3/4	591.20	3/4	343.94	3/4	96.63	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,327.11	10	1,079.80	10	832.59	10	586.06	10	338.78	10	91.49	10		10	10	10	10	10	10
1/4	1,321.96	1/4	1,074.65	1/4	827.44	1/4	580.93	1/4	333.63	1/4	86.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,316.81	1/2	1,069.50	1/2	822.29	1/2	575.80	1/2	328.48	1/2	81.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,311.66	3/4	1,064.35	3/4	817.14	3/4	570.65	3/4	323.33	3/4	76.12	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,306.50	11	1,059.19	11	811.99	11	565.50	11	318.17	11	71.01	11		11	11	11	11	11	11
1/4	1,301.35	1/4	1,054.04	1/4	806.84	1/4	560.35	1/4	313.02	1/4	65.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,296.20	1/2	1,048.89	1/2	801.69	1/2	555.20	1/2	307.87	1/2	60.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,291.05	3/4	1,043.74	3/4	796.54	3/4	550.05	3/4	302.72	3/4	55.74	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2008 CB
RECOMPUTED: 04/14/2023 JS
NAME CHANGE: 04/14/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

PRECISION MEASUREMENT
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