



BARGE "CBC 17"

ULLAGE TRIM TABLE

FORMERLY "GBL 1010 & KIRBY 10354"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 CENTER	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-0/8	- 02-0/8
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 156'-00"

May 26, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 17"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "GBL 1010 & KIRBY 10354"

GAUGE HEIGHT 16'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
					3,548.67		3,303.17		3,053.67		2,804.19		2,554.71		2,305.26		2,055.78		1,806.28		
1/4	1/4	1/4	3,544.52	1/4	3,297.97	1/4	3,048.47	1/4	2,798.99	1/4	2,549.52	1/4	2,300.06	1/4	2,050.59	1/4	1,801.09	1/4	1,551.61		
1/2	1/2	1/2	3,540.38	1/2	3,292.77	1/2	3,043.27	1/2	2,793.80	1/2	2,544.32	1/2	2,294.87	1/2	2,045.39	1/2	1,795.89	1/2	1,546.41		
3/4	3/4	3/4	3,536.24	3/4	3,287.58	3/4	3,038.08	3/4	2,788.60	3/4	2,539.12	3/4	2,289.67	3/4	2,040.20	3/4	1,790.69	3/4	1,541.71		
1	1	1	3,532.09	1	3,282.38	1	3,032.88	1	2,783.40	1	2,533.93	1	2,284.47	1	2,035.00	1	1,785.50	1	1,537.23		
1/4	1/4	1/4	3,526.97	1/4	3,277.18	1/4	3,027.68	1/4	2,778.21	1/4	2,528.73	1/4	2,279.28	1/4	2,029.80	1/4	1,780.30	1/4	1,532.75		
1/2	1/2	1/2	3,521.86	1/2	3,271.99	1/2	3,022.49	1/2	2,773.01	1/2	2,523.53	1/2	2,274.08	1/2	2,024.59	1/2	1,775.11	1/2	1,527.86		
3/4	3/4	3/4	3,516.74	3/4	3,266.79	3/4	3,017.29	3/4	2,767.81	3/4	2,518.34	3/4	2,268.89	3/4	2,019.39	3/4	1,769.91	3/4	1,523.61		
2	2	2	3,511.62	2	3,261.59	2	3,012.09	2	2,762.62	2	2,513.14	2	2,263.69	2	2,014.19	2	1,764.71	2	1,519.43		
1/4	1/4	1/4	3,506.29	1/4	3,256.39	1/4	3,006.89	1/4	2,757.41	1/4	2,507.94	1/4	2,258.49	1/4	2,008.99	1/4	1,759.51	1/4	1,515.18		
1/2	1/2	1/2	3,500.96	1/2	3,251.19	1/2	3,001.69	1/2	2,752.21	1/2	2,502.75	1/2	2,253.28	1/2	2,003.80	1/2	1,754.31	1/2	1,510.86		
3/4	3/4	3/4	3,495.64	3/4	3,245.99	3/4	2,996.49	3/4	2,747.01	3/4	2,497.55	3/4	2,248.08	3/4	1,998.60	3/4	1,749.11	3/4	1,506.59		
3	3	3	3,490.31	3	3,240.78	3	2,991.28	3	2,741.81	3	2,492.36	3	2,242.88	3	1,993.40	3	1,743.90	3	1,502.33		
1/4	1/4	1/4	3,485.11	1/4	3,235.59	1/4	2,986.09	1/4	2,736.61	1/4	2,487.16	1/4	2,237.68	1/4	1,988.21	1/4	1,738.71	1/4	1,498.01		
1/2	1/2	1/2	3,479.90	1/2	3,230.39	1/2	2,980.89	1/2	2,731.41	1/2	2,481.96	1/2	2,232.49	1/2	1,983.01	1/2	1,733.51	1/2	1,493.76		
3/4	3/4	3/4	3,474.70	3/4	3,225.19	3/4	2,975.69	3/4	2,726.22	3/4	2,476.77	3/4	2,227.29	3/4	1,977.81	3/4	1,728.31	3/4	1,489.51		
4	4	4	3,469.50	4	3,220.00	4	2,970.50	4	2,721.02	4	2,471.57	4	2,222.09	4	1,972.62	4	1,723.12	4	1,485.26		
1/4	1/4	1/4	3,464.30	1/4	3,214.80	1/4	2,965.30	1/4	2,715.83	1/4	2,466.37	1/4	2,216.90	1/4	1,967.42	1/4	1,717.92	1/4	1,480.96		
1/2	1/2	1/2	3,459.11	1/2	3,209.61	1/2	2,960.11	1/2	2,710.63	1/2	2,461.18	1/2	2,211.70	1/2	1,962.22	1/2	1,712.72	1/2	1,476.71		
3/4	3/4	3/4	3,453.91	3/4	3,204.41	3/4	2,954.91	3/4	2,705.43	3/4	2,455.98	3/4	2,206.50	3/4	1,957.03	3/4	1,707.53	3/4	1,472.51		
5	5	5	3,448.71	5	3,199.21	5	2,949.71	5	2,700.24	5	2,450.78	5	2,201.31	5	1,951.83	5	1,702.33	5	1,468.26		
1/4	1/4	1/4	3,443.52	1/4	3,194.02	1/4	2,944.52	1/4	2,695.04	1/4	2,445.59	1/4	2,196.11	1/4	1,946.63	1/4	1,697.14	1/4	1,464.01		
1/2	1/2	1/2	3,438.32	1/2	3,188.82	1/2	2,939.32	1/2	2,689.84	1/2	2,440.39	1/2	2,190.91	1/2	1,941.43	1/2	1,691.94	1/2	1,459.81		
3/4	3/4	3/4	3,433.12	3/4	3,183.62	3/4	2,934.12	3/4	2,684.65	3/4	2,435.20	3/4	2,185.72	3/4	1,936.22	3/4	1,686.74	3/4	1,455.61		
6	6	6	3,427.93	6	3,178.43	6	2,928.93	6	2,679.45	6	2,430.00	6	2,180.52	6	1,931.02	6	1,681.55	6	1,451.41		
1/4	1/4	1/4	3,422.73	1/4	3,173.22	1/4	2,923.72	1/4	2,674.25	1/4	2,424.80	1/4	2,175.33	1/4	1,925.83	1/4	1,676.34	1/4	1,447.21		
1/2	1/2	1/2	3,417.53	1/2	3,168.02	1/2	2,918.52	1/2	2,669.06	1/2	2,419.59	1/2	2,170.13	1/2	1,920.63	1/2	1,671.14	1/2	1,443.01		
3/4	3/4	3/4	3,412.34	3/4	3,162.82	3/4	2,913.32	3/4	2,663.86	3/4	2,414.39	3/4	2,164.93	3/4	1,915.43	3/4	1,665.94	3/4	1,438.81		
7	7	7	3,407.14	7	3,157.62	7	2,908.12	7	2,658.66	7	2,409.19	7	2,159.74	7	1,910.24	7	1,660.74	7	1,434.61		
1/4	1/4	1/4	3,401.94	1/4	3,152.42	1/4	2,902.92	1/4	2,653.47	1/4	2,403.99	1/4	2,154.54	1/4	1,905.04	1/4	1,655.54	1/4	1,430.41		
1/2	1/2	1/2	3,396.74	1/2	3,147.22	1/2	2,897.72	1/2	2,648.27	1/2	2,398.80	1/2	2,149.34	1/2	1,899.84	1/2	1,650.34	1/2	1,426.21		
3/4	3/4	3/4	3,391.53	3/4	3,142.03	3/4	2,892.53	3/4	2,643.08	3/4	2,393.60	3/4	2,144.15	3/4	1,894.65	3/4	1,645.15	3/4	1,422.01		
8	8	8	3,386.33	8	3,136.83	8	2,887.33	8	2,637.88	8	2,388.40	8	2,138.95	8	1,889.45	8	1,639.95	8	1,417.81		
1/4	1/4	1/4	3,576.07	1/4	3,381.14	1/4	3,131.64	1/4	2,882.13	1/4	2,632.68	1/4	2,383.21	1/4	2,133.75	1/4	1,884.25	1/4	1,634.75		
1/2	1/2	1/2	3,575.70	1/2	3,375.94	1/2	3,126.44	1/2	2,876.94	1/2	2,627.49	1/2	2,378.01	1/2	2,128.56	1/2	1,879.06	1/2	1,629.56		
3/4	3/4	3/4	3,575.34	3/4	3,370.74	3/4	3,121.24	3/4	2,871.74	3/4	2,622.29	3/4	2,372.81	3/4	2,123.36	3/4	1,873.86	3/4	1,624.36		
9	9	9	3,574.97	9	3,365.55	9	3,116.05	9	2,866.55	9	2,617.09	9	2,367.62	9	2,118.17	9	1,868.67	9	1,619.17		
1/4	1/4	1/4	3,573.75	1/4	3,360.35	1/4	3,110.85	1/4	2,861.35	1/4	2,611.90	1/4	2,362.42	1/4	2,112.96	1/4	1,863.47	1/4	1,613.97		
1/2	1/2	1/2	3,572.53	1/2	3,355.15	1/2	3,105.65	1/2	2,856.15	1/2	2,606.70	1/2	2,357.22	1/2	2,107.76	1/2	1,858.27	1/2	1,608.77		
3/4	3/4	3/4	3,571.31	3/4	3,349.96	3/4	3,100.46	3/4	2,850.96	3/4	2,601.50	3/4	2,352.03	3/4	2,102.56	3/4	1,853.08	3/4	1,603.58		
10	10	10	3,570.09	10	3,344.76	10	3,095.26	10	2,845.76	10	2,596.31	10	2,346.83	10	2,097.36	10	1,847.88	10	1,598.38		
1/4	1/4	1/4	3,567.90	1/4	3,339.56	1/4	3,090.06	1/4	2,840.56	1/4	2,591.11	1/4	2,341.64	1/4	2,092.16	1/4	1,842.68	1/4	1,593.18		
1/2	1/2	1/2	3,565.71	1/2	3,334.36	1/2	3,084.86	1/2	2,835.37	1/2	2,585.90	1/2	2,336.44	1/2	2,086.96	1/2	1,837.47	1/2	1,587.97		
3/4	3/4	3/4	3,563.52	3/4	3,329.15	3/4	3,079.65	3/4	2,830.17	3/4	2,580.70	3/4	2,331.24	3/4	2,081.77	3/4	1,832.27	3/4	1,582.77		
11	11	11	3,561.33	11	3,323.95	11	3,074.45	11	2,824.97	11	2,575.50	11	2,326.05	11	2,076.57	11	1,827.07	11	1,577.57		
1/4	1/4	1/4	3,558.17	1/4	3,318.75	1/4	3,069.25	1/4	2,819.78	1/4	2,570.30	1/4	2,320.85	1/4	2,071.37	1/4	1,821.87	1/4	1,572.37		
1/2	1/2	1/2	3,555.00	1/2	3,313.56	1/2	3,064.06	1/2	2,814.58	1/2	2,565.11	1/2	2,315.65	1/2	2,066.18	1/2	1,816.68	1/2	1,567.18		
3/4	3/4	3/4	3,551.83	3/4	3,308.36	3/4	3,058.86	3/4	2,809.39	3/4	2,559.91	3/4	2,310.46	3/4	2,060.98	3/4	1,811.48	3/4	1,561.98		

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "UTI/MMC" VAPOR LOCK VALVE PIP
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD
 GAUGE HEIGHT REPRESENTS HEIGHT TO TOP OF VAPOR LOCK VALVE

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CBC 17"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "GBL 1010 & KIRBY 10354"

GAUGE HEIGHT 16'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,556.78	0	1,307.28	0	1,057.78	0	808.28	0	558.81	0	309.38	0	60.81	0		0			
1/4	1,551.59	1/4	1,302.09	1/4	1,052.59	1/4	803.08	1/4	553.61	1/4	304.18	1/4	56.07	1/4		1/4			
1/2	1,546.39	1/2	1,296.89	1/2	1,047.39	1/2	797.88	1/2	548.41	1/2	298.97	1/2	51.33	1/2		1/2			
3/4	1,541.19	3/4	1,291.69	3/4	1,042.20	3/4	792.68	3/4	543.22	3/4	293.77	3/4	46.59	3/4		3/4			
1	1,536.00	1	1,286.50	1	1,037.00	1	787.47	1	538.02	1	288.57	1	41.86	1		1			
1/4	1,530.80	1/4	1,281.30	1/4	1,031.80	1/4	782.28	1/4	532.83	1/4	283.37	1/4	37.45	1/4		1/4			
1/2	1,525.61	1/2	1,276.11	1/2	1,026.59	1/2	777.08	1/2	527.63	1/2	278.18	1/2	33.05	1/2		1/2			
3/4	1,520.41	3/4	1,270.91	3/4	1,021.39	3/4	771.88	3/4	522.43	3/4	272.98	3/4	28.64	3/4		3/4			
2	1,515.21	2	1,265.71	2	1,016.19	2	766.69	2	517.24	2	267.78	2	24.24	2		2			
1/4	1,510.01	1/4	1,260.51	1/4	1,010.99	1/4	761.49	1/4	512.04	1/4	262.59	1/4	20.88	1/4		1/4			
1/2	1,504.81	1/2	1,255.31	1/2	1,005.80	1/2	756.30	1/2	506.84	1/2	257.39	1/2	17.52	1/2		1/2			
3/4	1,499.61	3/4	1,250.11	3/4	1,000.60	3/4	751.10	3/4	501.65	3/4	252.19	3/4	14.17	3/4		3/4			
3	1,494.40	3	1,244.90	3	995.40	3	745.90	3	496.45	3	247.00	3	10.81	3		3			
1/4	1,489.21	1/4	1,239.71	1/4	990.21	1/4	740.71	1/4	491.26	1/4	241.80	1/4	8.89	1/4		1/4			
1/2	1,484.01	1/2	1,234.51	1/2	985.01	1/2	735.51	1/2	486.07	1/2	236.61	1/2	6.96	1/2		1/2			
3/4	1,478.81	3/4	1,229.31	3/4	979.81	3/4	730.31	3/4	480.88	3/4	231.41	3/4	5.04	3/4		3/4			
4	1,473.62	4	1,224.12	4	974.62	4	725.12	4	475.69	4	226.21	4	3.12	4		4			
1/4	1,468.42	1/4	1,218.92	1/4	969.42	1/4	719.92	1/4	470.49	1/4	221.02	1/4	2.49	1/4		1/4			
1/2	1,463.22	1/2	1,213.72	1/2	964.21	1/2	714.72	1/2	465.30	1/2	215.82	1/2	1.87	1/2		1/2			
3/4	1,458.03	3/4	1,208.53	3/4	959.01	3/4	709.53	3/4	460.10	3/4	210.62	3/4	1.24	3/4		3/4			
5	1,452.83	5	1,203.33	5	953.81	5	704.33	5	454.90	5	205.43	5		5		5			
1/4	1,447.64	1/4	1,198.13	1/4	948.61	1/4	699.13	1/4	449.70	1/4	200.23	1/4		1/4		1/4			
1/2	1,442.44	1/2	1,192.93	1/2	943.41	1/2	693.94	1/2	444.50	1/2	195.03	1/2		1/2		1/2			
3/4	1,437.24	3/4	1,187.72	3/4	938.22	3/4	688.74	3/4	439.30	3/4	189.84	3/4		3/4		3/4			
6	1,432.05	6	1,182.52	6	933.02	6	683.55	6	434.09	6	184.64	6		6		6			
1/4	1,426.84	1/4	1,177.33	1/4	927.83	1/4	678.35	1/4	428.90	1/4	179.44	1/4		1/4		1/4			
1/2	1,421.64	1/2	1,172.13	1/2	922.63	1/2	673.15	1/2	423.70	1/2	174.25	1/2		1/2		1/2			
3/4	1,416.44	3/4	1,166.93	3/4	917.43	3/4	667.96	3/4	418.50	3/4	169.05	3/4		3/4		3/4			
7	1,411.24	7	1,161.74	7	912.24	7	662.76	7	413.31	7	163.86	7		7		7			
1/4	1,406.04	1/4	1,156.54	1/4	907.04	1/4	657.56	1/4	408.11	1/4	158.65	1/4		1/4		1/4			
1/2	1,400.84	1/2	1,151.34	1/2	901.84	1/2	652.37	1/2	402.91	1/2	153.45	1/2		1/2		1/2			
3/4	1,395.65	3/4	1,146.15	3/4	896.65	3/4	647.17	3/4	397.72	3/4	148.25	3/4		3/4		3/4			
8	1,390.45	8	1,140.95	8	891.45	8	641.97	8	392.52	8	143.05	8		8		8			
1/4	1,385.25	1/4	1,135.75	1/4	886.25	1/4	636.78	1/4	387.33	1/4	137.85	1/4		1/4		1/4			
1/2	1,380.06	1/2	1,130.56	1/2	881.05	1/2	631.58	1/2	382.13	1/2	132.65	1/2		1/2		1/2			
3/4	1,374.86	3/4	1,125.36	3/4	875.84	3/4	626.39	3/4	376.93	3/4	127.46	3/4		3/4		3/4			
9	1,369.67	9	1,120.17	9	870.64	9	621.19	9	371.74	9	122.26	9		9		9			
1/4	1,364.47	1/4	1,114.96	1/4	865.44	1/4	615.99	1/4	366.54	1/4	117.06	1/4		1/4		1/4			
1/2	1,359.27	1/2	1,109.76	1/2	860.25	1/2	610.80	1/2	361.34	1/2	111.87	1/2		1/2		1/2			
3/4	1,354.08	3/4	1,104.56	3/4	855.05	3/4	605.60	3/4	356.15	3/4	106.67	3/4		3/4		3/4			
10	1,348.88	10	1,099.36	10	849.86	10	600.40	10	350.95	10	101.47	10		10		10			
1/4	1,343.68	1/4	1,094.16	1/4	844.66	1/4	595.20	1/4	345.75	1/4	96.31	1/4		1/4		1/4			
1/2	1,338.47	1/2	1,088.96	1/2	839.46	1/2	590.00	1/2	340.56	1/2	91.15	1/2		1/2		1/2			
3/4	1,333.27	3/4	1,083.77	3/4	834.27	3/4	584.80	3/4	335.36	3/4	85.99	3/4		3/4		3/4			
11	1,328.07	11	1,078.57	11	829.07	11	579.59	11	330.17	11	80.83	11		11		11			
1/4	1,322.87	1/4	1,073.37	1/4	823.87	1/4	574.40	1/4	324.97	1/4	75.83	1/4		1/4		1/4			
1/2	1,317.68	1/2	1,068.18	1/2	818.68	1/2	569.20	1/2	319.77	1/2	70.82	1/2		1/2		1/2			
3/4	1,312.48	3/4	1,062.98	3/4	813.48	3/4	564.00	3/4	314.58	3/4	65.81	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/1997 CL - SW
DECK MEASUREMENTS: 11/24/2004 SW CL
REPRINTED: 05/26/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

PRECISION MEASUREMENT
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P.O. Box 2092
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BARGE "CBC 17"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "GBL 1010 & KIRBY 10354"

GAUGE HEIGHT 16'-04 1/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.										
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0							
0					3,535.31				3,289.37				2,790.01				2,540.34			2,290.70				2,041.04				1,791.35
1/4	1/4			1/4	3,531.45	1/4		1/4	3,284.17	1/4		1/4	2,784.81	1/4		1/4	2,535.14	1/4		2,285.50	1/4		1/4	2,035.83	1/4		1/4	1,786.14
1/2	1/2			1/2	3,526.83	1/2		1/2	3,278.96	1/2		1/2	2,779.61	1/2		1/2	2,529.95	1/2		2,280.30	1/2		1/2	2,030.63	1/2		1/2	1,780.94
3/4	3/4			3/4	3,522.20	3/4		3/4	3,273.76	3/4		3/4	2,774.40	3/4		3/4	2,524.75	3/4		2,275.09	3/4		3/4	2,025.43	3/4		3/4	1,775.74
1		1		1	3,517.58	1		1	3,268.56	1		1	3,018.87	1		1	2,519.55	1		2,269.89	1		1	2,020.23	1		1	1,770.54
1/4	1/4			1/4	3,512.95	1/4		1/4	3,263.36	1/4		1/4	3,013.67	1/4		1/4	2,514.36	1/4		2,264.69	1/4		1/4	2,015.02	1/4		1/4	1,765.33
1/2	1/2			1/2	3,507.78	1/2		1/2	3,258.15	1/2		1/2	3,008.46	1/2		1/2	2,509.15	1/2		2,259.49	1/2		1/2	2,009.82	1/2		1/2	1,760.13
3/4	3/4			3/4	3,502.61	3/4		3/4	3,252.95	3/4		3/4	3,003.26	3/4		3/4	2,753.59	3/4		2,503.95	3/4		3/4	2,004.62	3/4		3/4	1,754.93
2		2		2	3,497.43	2		2	3,247.75	2		2	2,998.06	2		2	2,498.75	2		2,249.08	2		2	1,999.42	2		2	1,749.73
1/4	1/4			1/4	3,492.26	1/4		1/4	3,242.55	1/4		1/4	2,992.86	1/4		1/4	2,493.55	1/4		2,243.88	1/4		1/4	1,994.21	1/4		1/4	1,744.52
1/2	1/2			1/2	3,487.06	1/2		1/2	3,237.34	1/2		1/2	2,987.65	1/2		1/2	2,488.35	1/2		2,238.68	1/2		1/2	1,989.01	1/2		1/2	1,739.32
3/4	3/4			3/4	3,481.86	3/4		3/4	3,232.14	3/4		3/4	2,982.45	3/4		3/4	2,483.14	3/4		2,233.49	3/4		3/4	1,983.81	3/4		3/4	1,734.12
3		3		3	3,476.66	3		3	3,226.94	3		3	2,977.25	3		3	2,477.94	3		2,228.29	3		3	1,978.61	3		3	1,728.92
1/4	1/4			1/4	3,471.45	1/4		1/4	3,221.74	1/4		1/4	2,972.05	1/4		1/4	2,472.74	1/4		2,223.10	1/4		1/4	1,973.40	1/4		1/4	1,723.71
1/2	1/2			1/2	3,466.25	1/2		1/2	3,216.54	1/2		1/2	2,966.84	1/2		1/2	2,467.54	1/2		2,217.89	1/2		1/2	1,968.20	1/2		1/2	1,718.51
3/4	3/4			3/4	3,461.05	3/4		3/4	3,211.33	3/4		3/4	2,961.64	3/4		3/4	2,462.33	3/4		2,212.69	3/4		3/4	1,963.00	3/4		3/4	1,713.31
4		4		4	3,455.85	4		4	3,206.13	4		4	2,956.44	4		4	2,457.13	4		2,207.49	4		4	1,957.80	4		4	1,708.11
1/4	1/4			1/4	3,450.64	1/4		1/4	3,200.93	1/4		1/4	2,951.24	1/4		1/4	2,451.93	1/4		2,202.29	1/4		1/4	1,952.60	1/4		1/4	1,702.90
1/2	1/2			1/2	3,445.44	1/2		1/2	3,195.73	1/2		1/2	2,946.04	1/2		1/2	2,446.73	1/2		2,197.08	1/2		1/2	1,947.39	1/2		1/2	1,697.71
3/4	3/4			3/4	3,440.24	3/4		3/4	3,190.54	3/4		3/4	2,940.84	3/4		3/4	2,441.52	3/4		2,191.88	3/4		3/4	1,942.19	3/4		3/4	1,692.51
5		5		5	3,435.04	5		5	3,185.34	5		5	2,935.65	5		5	2,436.32	5		2,186.68	5		5	1,936.99	5		5	1,687.32
1/4	1/4			1/4	3,429.83	1/4		1/4	3,180.14	1/4		1/4	2,930.45	1/4		1/4	2,431.12	1/4		2,181.48	1/4		1/4	1,931.79	1/4		1/4	1,682.12
1/2	1/2			1/2	3,424.63	1/2		1/2	3,174.94	1/2		1/2	2,925.25	1/2		1/2	2,425.92	1/2		2,176.27	1/2		1/2	1,926.58	1/2		1/2	1,676.92
3/4	3/4			3/4	3,419.43	3/4		3/4	3,169.74	3/4		3/4	2,920.05	3/4		3/4	2,420.73	3/4		2,171.07	3/4		3/4	1,921.38	3/4		3/4	1,671.71
6		6		6	3,414.23	6		6	3,164.54	6		6	2,914.85	6		6	2,415.53	6		2,165.87	6		6	1,916.18	6		6	1,666.51
1/4	1/4			1/4	3,409.02	1/4		1/4	3,159.33	1/4		1/4	2,909.64	1/4		1/4	2,410.33	1/4		2,160.67	1/4		1/4	1,910.98	1/4		1/4	1,661.31
1/2	1/2			1/2	3,403.82	1/2		1/2	3,154.13	1/2		1/2	2,904.44	1/2		1/2	2,405.13	1/2		2,155.46	1/2		1/2	1,905.78	1/2		1/2	1,656.11
3/4	3/4			3/4	3,398.62	3/4		3/4	3,148.93	3/4		3/4	2,899.24	3/4		3/4	2,399.93	3/4		2,150.26	3/4		3/4	1,900.58	3/4		3/4	1,650.91
7		7		7	3,393.42	7		7	3,143.73	7		7	2,894.04	7		7	2,394.73	7		2,145.06	7		7	1,895.39	7		7	1,645.70
1/4	1/4			1/4	3,388.21	1/4		1/4	3,138.52	1/4		1/4	2,888.83	1/4		1/4	2,389.52	1/4		2,139.86	1/4		1/4	1,890.19	1/4		1/4	1,640.50
1/2	1/2			1/2	3,383.01	1/2		1/2	3,133.32	1/2		1/2	2,883.63	1/2		1/2	2,384.32	1/2		2,134.65	1/2		1/2	1,884.99	1/2		1/2	1,635.30
3/4	3/4			3/4	3,377.81	3/4		3/4	3,128.12	3/4		3/4	2,878.43	3/4		3/4	2,379.12	3/4		2,129.45	3/4		3/4	1,879.79	3/4		3/4	1,630.10
8		8		8	3,372.61	8		8	3,122.92	8		8	2,873.23	8		8	2,373.92	8		2,124.25	8		8	1,874.58	8		8	1,624.89
1/4	1/4			1/4	3,367.40	1/4		1/4	3,117.71	1/4		1/4	2,868.02	1/4		1/4	2,368.71	1/4		2,119.05	1/4		1/4	1,869.38	1/4		1/4	1,619.69
1/2	1/2			1/2	3,362.20	1/2		1/2	3,112.51	1/2		1/2	2,862.82	1/2		1/2	2,363.51	1/2		2,113.84	1/2		1/2	1,864.18	1/2		1/2	1,614.49
3/4	3/4			3/4	3,357.00	3/4		3/4	3,107.31	3/4		3/4	2,857.62	3/4		3/4	2,358.31	3/4		2,108.64	3/4		3/4	1,858.98	3/4		3/4	1,609.29
9		9		9	3,351.80	9		9	3,102.11	9		9	2,852.42	9		9	2,353.11	9		2,103.44	9		9	1,853.77	9		9	1,604.08
1/4	1/4			1/4	3,346.60	1/4		1/4	3,096.90	1/4		1/4	2,847.21	1/4		1/4	2,347.90	1/4		2,098.24	1/4		1/4	1,848.57	1/4		1/4	1,598.88
1/2	1/2			1/2	3,341.39	1/2		1/2	3,091.70	1/2		1/2	2,842.02	1/2		1/2	2,342.71	1/2		2,093.04	1/2		1/2	1,843.37	1/2		1/2	1,593.68
3/4	3/4			3/4	3,336.19	3/4		3/4	3,086.50	3/4		3/4	2,836.82	3/4		3/4	2,337.51	3/4		2,087.85	3/4		3/4	1,838.17	3/4		3/4	1,588.48
10		10		10	3,330.99	10		10	3,081.30	10		10	2,831.62	10		10	2,332.32	10		2,082.65	10		10	1,832.96	10		10	1,583.27
1/4	1/4			1/4	3,325.79	1/4		1/4	3,076.10	1/4		1/4	2,826.43	1/4		1/4	2,327.12	1/4		2,077.45	1/4		1/4	1,827.76	1/4		1/4	1,578.07
1/2	1/2			1/2	3,320.58	1/2		1/2	3,070.89	1/2		1/2	2,821.23	1/2		1/2	2,321.92	1/2		2,072.25	1/2		1/2	1,822.56	1/2		1/2	1,572.87
3/4	3/4			3/4	3,315.38	3/4		3/4	3,065.69	3/4		3/4	2,816.02	3/4		3/4	2,316.71	3/4		2,067.05	3/4		3/4	1,817.36	3/4		3/4	1,567.67
11		11		11	3,310.18	11		11	3,060.49	11		11	2,810.82	11		11	2,311.51	11		2,061.85	11		11	1,812.15	11		11	1,562.46
1/4	1/4			1/4	3,304.98	1/4		1/4	3,055.29	1/4		1/4	2,805.62	1/4		1/4	2,306.31	1/4		2,056.64	1/4		1/4	1,806.95	1/4		1/4	1,557.26
1/2	1/2			1/2	3,300.00	1/2		1/2	3,050.00	1/2		1/2	2,800.00	1/2		1/2	2,300.00	1/2		2,050.00	1/2		1/2	1,800.00	1/2		1/2	1,550.00
3/4	3/4			3/4	3,294.57	3/4		3/4	3,044.88	3/4		3/4	2,795.21	3/4		3/4	2,295.90	3/4		2,046.24	3/4		3/4	1,796.55	3/4		3/4	1,546.86

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "UTI/MMC" VAPOR LOCK VALVE PIP
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD
 GAUGE HEIGHT REPRESENTS HEIGHT TO TOP OF VAPOR LOCK VALVE

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 17"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "GBL 1010 & KIRBY 10354"

GAUGE HEIGHT 16'-04 1/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,541.65	0	1,291.96	0	1,042.27	0	792.56	0	543.64	0	294.01	0	46.64	0		0		0	
1/4	1,536.45	1/4	1,286.76	1/4	1,037.07	1/4	787.36	1/4	538.45	1/4	288.81	1/4	41.90	1/4		1/4		1/4	
1/2	1,531.25	1/2	1,281.56	1/2	1,031.87	1/2	782.15	1/2	533.25	1/2	283.61	1/2	37.49	1/2		1/2		1/2	
3/4	1,526.05	3/4	1,276.36	3/4	1,026.67	3/4	776.95	3/4	528.05	3/4	278.40	3/4	33.07	3/4		3/4		3/4	
1	1,520.85	1	1,271.15	1	1,021.46	1	771.75	1	522.84	1	273.20	1	28.65	1		1		1	
1/4	1,515.64	1/4	1,265.95	1/4	1,016.26	1/4	766.55	1/4	517.64	1/4	268.00	1/4	24.24	1/4		1/4		1/4	
1/2	1,510.44	1/2	1,260.75	1/2	1,011.06	1/2	761.35	1/2	512.45	1/2	262.80	1/2	20.89	1/2		1/2		1/2	
3/4	1,505.24	3/4	1,255.55	3/4	1,005.86	3/4	756.15	3/4	507.25	3/4	257.59	3/4	17.54	3/4		3/4		3/4	
2	1,500.04	2	1,250.35	2	1,000.66	2	750.96	2	502.05	2	252.39	2	14.18	2		2		2	
1/4	1,494.83	1/4	1,245.14	1/4	995.45	1/4	745.76	1/4	496.86	1/4	247.19	1/4	10.83	1/4		1/4		1/4	
1/2	1,489.63	1/2	1,239.94	1/2	990.25	1/2	740.58	1/2	491.65	1/2	241.99	1/2	8.90	1/2		1/2		1/2	
3/4	1,484.43	3/4	1,234.74	3/4	985.05	3/4	735.39	3/4	486.45	3/4	236.79	3/4	6.98	3/4		3/4		3/4	
3	1,479.23	3	1,229.54	3	979.85	3	730.21	3	481.25	3	231.58	3	5.05	3		3		3	
1/4	1,474.02	1/4	1,224.33	1/4	974.64	1/4	725.02	1/4	476.05	1/4	226.38	1/4	3.12	1/4		1/4		1/4	
1/2	1,468.82	1/2	1,219.13	1/2	969.44	1/2	719.84	1/2	470.84	1/2	221.18	1/2	2.49	1/2		1/2		1/2	
3/4	1,463.62	3/4	1,213.93	3/4	964.24	3/4	714.65	3/4	465.64	3/4	215.99	3/4	1.86	3/4		3/4		3/4	
4	1,458.42	4	1,208.73	4	959.04	4	709.47	4	460.44	4	210.79	4	1.44	4		4		4	
1/4	1,453.21	1/4	1,203.52	1/4	953.83	1/4	704.29	1/4	455.24	1/4	205.60	1/4	1.23	1/4		1/4		1/4	
1/2	1,448.01	1/2	1,198.32	1/2	948.63	1/2	699.11	1/2	450.04	1/2	200.39	1/2		1/2		1/2		1/2	
3/4	1,442.81	3/4	1,193.12	3/4	943.43	3/4	693.93	3/4	444.83	3/4	195.19	3/4		3/4		3/4		3/4	
5	1,437.61	5	1,187.92	5	938.23	5	688.75	5	439.63	5	189.99	5		5		5		5	
1/4	1,432.40	1/4	1,182.71	1/4	933.02	1/4	683.57	1/4	434.43	1/4	184.79	1/4		1/4		1/4		1/4	
1/2	1,427.21	1/2	1,177.51	1/2	927.82	1/2	678.39	1/2	429.23	1/2	179.58	1/2		1/2		1/2		1/2	
3/4	1,422.01	3/4	1,172.31	3/4	922.62	3/4	673.20	3/4	424.04	3/4	174.38	3/4		3/4		3/4		3/4	
6	1,416.82	6	1,167.11	6	917.42	6	668.02	6	418.84	6	169.18	6		6		6		6	
1/4	1,411.62	1/4	1,161.90	1/4	912.21	1/4	662.83	1/4	413.64	1/4	163.98	1/4		1/4		1/4		1/4	
1/2	1,406.42	1/2	1,156.70	1/2	907.01	1/2	657.65	1/2	408.44	1/2	158.77	1/2		1/2		1/2		1/2	
3/4	1,401.21	3/4	1,151.50	3/4	901.81	3/4	652.48	3/4	403.24	3/4	153.57	3/4		3/4		3/4		3/4	
7	1,396.01	7	1,146.30	7	896.61	7	647.30	7	398.04	7	148.37	7		7		7		7	
1/4	1,390.81	1/4	1,141.09	1/4	891.40	1/4	642.12	1/4	392.83	1/4	143.17	1/4		1/4		1/4		1/4	
1/2	1,385.61	1/2	1,135.89	1/2	886.20	1/2	636.93	1/2	387.63	1/2	137.96	1/2		1/2		1/2		1/2	
3/4	1,380.41	3/4	1,130.69	3/4	881.00	3/4	631.75	3/4	382.43	3/4	132.76	3/4		3/4		3/4		3/4	
8	1,375.20	8	1,125.49	8	875.80	8	626.56	8	377.23	8	127.56	8		8		8		8	
1/4	1,370.00	1/4	1,120.29	1/4	870.60	1/4	621.38	1/4	372.02	1/4	122.36	1/4		1/4		1/4		1/4	
1/2	1,364.80	1/2	1,115.09	1/2	865.39	1/2	616.20	1/2	366.82	1/2	117.15	1/2		1/2		1/2		1/2	
3/4	1,359.60	3/4	1,109.89	3/4	860.19	3/4	611.01	3/4	361.62	3/4	111.95	3/4		3/4		3/4		3/4	
9	1,354.39	9	1,104.70	9	854.99	9	605.83	9	356.42	9	106.75	9		9		9		9	
1/4	1,349.19	1/4	1,099.50	1/4	849.79	1/4	600.64	1/4	351.21	1/4	101.55	1/4		1/4		1/4		1/4	
1/2	1,343.99	1/2	1,094.30	1/2	844.58	1/2	595.46	1/2	346.01	1/2	96.39	1/2		1/2		1/2		1/2	
3/4	1,338.79	3/4	1,089.10	3/4	839.38	3/4	590.29	3/4	340.81	3/4	91.23	3/4		3/4		3/4		3/4	
10	1,333.58	10	1,083.89	10	834.18	10	585.11	10	335.61	10	86.07	10		10		10		10	
1/4	1,328.38	1/4	1,078.69	1/4	828.98	1/4	579.93	1/4	330.40	1/4	80.90	1/4		1/4		1/4		1/4	
1/2	1,323.18	1/2	1,073.49	1/2	823.77	1/2	574.74	1/2	325.21	1/2	75.89	1/2		1/2		1/2		1/2	
3/4	1,317.98	3/4	1,068.29	3/4	818.57	3/4	569.56	3/4	320.01	3/4	70.88	3/4		3/4		3/4		3/4	
11	1,312.77	11	1,063.08	11	813.37	11	564.37	11	314.82	11	65.87	11		11		11		11	
1/4	1,307.57	1/4	1,057.88	1/4	808.17	1/4	559.19	1/4	309.62	1/4	60.86	1/4		1/4		1/4		1/4	
1/2	1,302.37	1/2	1,052.68	1/2	802.96	1/2	554.01	1/2	304.42	1/2	56.12	1/2		1/2		1/2		1/2	
3/4	1,297.17	3/4	1,047.48	3/4	797.76	3/4	548.82	3/4	299.21	3/4	51.38	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/1997 CL - SW
DECK MEASUREMENTS: 11/24/2004 SW CL
REPRINTED: 05/26/2015 CL

CANCELS AND SUPERCEDES
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BARGE "CBC 17"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "GBL 1010 & KIRBY 10354"

GAUGE HEIGHT 16'-04 3/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	3,461.71	0	3,234.53	0	3,003.81	0	2,773.08	0	2,539.69	0	2,290.62	0	2,041.52	0	1,792.42	0
1/4	1/4	1/4	1/4	3,457.97	1/4	3,229.73	1/4	2,999.00	1/4	2,768.28	1/4	2,534.50	1/4	2,285.42	1/4	2,036.33	1/4	1,787.23	1/4
1/2	1/2	1/2	1/2	3,454.23	1/2	3,224.92	1/2	2,994.19	1/2	2,763.47	1/2	2,529.31	1/2	2,280.23	1/2	2,031.14	1/2	1,782.04	1/2
3/4	3/4	3/4	3/4	3,449.78	3/4	3,220.12	3/4	2,989.38	3/4	2,758.66	3/4	2,524.12	3/4	2,275.04	3/4	2,025.95	3/4	1,776.85	3/4
1	1	1	1	3,445.33	1	3,215.31	1	2,984.57	1	2,753.85	1	2,518.93	1	2,269.85	1	2,020.77	1	1,771.66	1
1/4	1/4	1/4	1/4	3,440.88	1/4	3,210.50	1/4	2,979.76	1/4	2,749.04	1/4	2,513.73	1/4	2,264.66	1/4	2,015.59	1/4	1,766.47	1/4
1/2	1/2	1/2	1/2	3,436.42	1/2	3,205.69	1/2	2,974.95	1/2	2,744.23	1/2	2,508.54	1/2	2,259.47	1/2	2,010.40	1/2	1,761.28	1/2
3/4	3/4	3/4	3/4	3,431.62	3/4	3,200.88	3/4	2,970.15	3/4	2,739.43	3/4	2,503.36	3/4	2,254.29	3/4	2,005.21	3/4	1,756.09	3/4
2	2	2	2	3,426.81	2	3,196.08	2	2,965.34	2	2,734.63	2	2,498.18	2	2,249.10	2	2,000.02	2	1,750.90	2
1/4	1/4	1/4	1/4	3,422.00	1/4	3,191.28	1/4	2,960.54	1/4	2,729.82	1/4	2,492.99	1/4	2,243.92	1/4	1,994.83	1/4	1,745.71	1/4
1/2	1/2	1/2	1/2	3,417.19	1/2	3,186.47	1/2	2,955.73	1/2	2,725.02	1/2	2,487.81	1/2	2,238.73	1/2	1,989.64	1/2	1,740.52	1/2
3/4	3/4	3/4	3/4	3,412.38	3/4	3,181.66	3/4	2,950.92	3/4	2,720.21	3/4	2,482.62	3/4	2,233.54	3/4	1,984.45	3/4	1,735.34	3/4
3	3	3	3	3,407.58	3	3,176.85	3	2,946.12	3	2,715.40	3	2,477.43	3	2,228.35	3	1,979.26	3	1,730.15	3
1/4	1/4	1/4	1/4	3,402.78	1/4	3,172.04	1/4	2,941.31	1/4	2,710.59	1/4	2,472.23	1/4	2,223.16	1/4	1,974.07	1/4	1,724.97	1/4
1/2	1/2	1/2	1/2	3,397.97	1/2	3,167.23	1/2	2,936.50	1/2	2,705.78	1/2	2,467.04	1/2	2,217.97	1/2	1,968.88	1/2	1,719.78	1/2
3/4	3/4	3/4	3/4	3,393.16	3/4	3,162.43	3/4	2,931.69	3/4	2,700.98	3/4	2,461.85	3/4	2,212.78	3/4	1,963.69	3/4	1,714.59	3/4
4	4	4	4	3,388.35	4	3,157.63	4	2,926.89	4	2,696.17	4	2,456.66	4	2,207.59	4	1,958.50	4	1,709.40	4
1/4	1/4	1/4	1/4	3,383.54	1/4	3,152.82	1/4	2,922.09	1/4	2,691.37	1/4	2,451.47	1/4	2,202.40	1/4	1,953.31	1/4	1,704.21	1/4
1/2	1/2	1/2	1/2	3,378.73	1/2	3,148.02	1/2	2,917.28	1/2	2,686.57	1/2	2,446.28	1/2	2,197.21	1/2	1,948.12	1/2	1,699.02	1/2
3/4	3/4	3/4	3/4	3,373.93	3/4	3,143.21	3/4	2,912.47	3/4	2,681.76	3/4	2,441.09	3/4	2,192.02	3/4	1,942.93	3/4	1,693.83	3/4
5	5	5	5	3,369.13	5	3,138.40	5	2,907.66	5	2,676.95	5	2,435.90	5	2,186.83	5	1,937.73	5	1,688.64	5
1/4	1/4	1/4	1/4	3,364.32	1/4	3,133.59	1/4	2,902.85	1/4	2,672.14	1/4	2,430.71	1/4	2,181.64	1/4	1,932.54	1/4	1,683.45	1/4
1/2	1/2	1/2	1/2	3,359.52	1/2	3,128.78	1/2	2,898.04	1/2	2,667.33	1/2	2,425.52	1/2	2,176.45	1/2	1,927.35	1/2	1,678.26	1/2
3/4	3/4	3/4	3/4	3,354.71	3/4	3,123.97	3/4	2,893.24	3/4	2,662.52	3/4	2,420.34	3/4	2,171.26	3/4	1,922.16	3/4	1,673.07	3/4
6	6	6	6	3,349.90	6	3,119.16	6	2,888.44	6	2,657.71	6	2,415.15	6	2,166.08	6	1,916.97	6	1,667.88	6
1/4	1/4	1/4	1/4	3,345.09	1/4	3,114.35	1/4	2,883.63	1/4	2,652.90	1/4	2,409.97	1/4	2,160.90	1/4	1,911.78	1/4	1,662.69	1/4
1/2	1/2	1/2	1/2	3,340.28	1/2	3,109.54	1/2	2,878.83	1/2	2,648.09	1/2	2,404.78	1/2	2,155.71	1/2	1,906.59	1/2	1,657.50	1/2
3/4	3/4	3/4	3/4	3,335.48	3/4	3,104.74	3/4	2,874.02	3/4	2,643.29	3/4	2,399.59	3/4	2,150.52	3/4	1,901.40	3/4	1,652.31	3/4
7	7	7	7	3,330.67	7	3,099.94	7	2,869.21	7	2,638.48	7	2,394.40	7	2,145.33	7	1,896.21	7	1,647.12	7
1/4	1/4	1/4	1/4	3,325.87	1/4	3,095.13	1/4	2,864.40	1/4	2,633.68	1/4	2,389.21	1/4	2,140.14	1/4	1,891.02	1/4	1,641.92	1/4
1/2	5/8	3,500.52	1/2	3,321.07	1/2	3,090.33	1/2	2,859.59	1/2	2,628.88	1/2	2,384.02	1/2	2,134.95	1/2	1,885.83	1/2	1,636.73	1/2
3/4	3/4	3,499.63	3/4	3,316.26	3/4	3,085.52	3/4	2,854.79	3/4	2,624.07	3/4	2,378.83	3/4	2,129.76	3/4	1,880.65	3/4	1,631.54	3/4
8	8	3,498.73	8	3,311.45	8	3,080.71	8	2,849.98	8	2,619.26	8	2,373.64	8	2,124.57	8	1,875.46	8	1,626.35	8
1/4	1/4	3,497.84	1/4	3,306.64	1/4	3,075.90	1/4	2,845.18	1/4	2,614.45	1/4	2,368.45	1/4	2,119.38	1/4	1,870.28	1/4	1,621.16	1/4
1/2	1/2	3,496.95	1/2	3,301.83	1/2	3,071.09	1/2	2,840.38	1/2	2,609.64	1/2	2,363.26	1/2	2,114.19	1/2	1,865.09	1/2	1,615.97	1/2
3/4	3/4	3,495.35	3/4	3,297.02	3/4	3,066.29	3/4	2,835.63	3/4	2,604.84	3/4	2,358.07	3/4	2,109.00	3/4	1,859.90	3/4	1,610.78	3/4
9	9	3,493.75	9	3,292.21	9	3,061.48	9	2,830.88	9	2,600.03	9	2,352.88	9	2,103.81	9	1,854.71	9	1,605.59	9
1/4	1/4	3,492.15	1/4	3,287.40	1/4	3,056.68	1/4	2,826.13	1/4	2,595.23	1/4	2,347.69	1/4	2,098.62	1/4	1,849.52	1/4	1,600.40	1/4
1/2	1/2	3,490.54	1/2	3,282.59	1/2	3,051.88	1/2	2,821.38	1/2	2,590.42	1/2	2,342.50	1/2	2,093.43	1/2	1,844.33	1/2	1,595.21	1/2
3/4	3/4	3,488.23	3/4	3,277.79	3/4	3,047.07	3/4	2,816.51	3/4	2,585.53	3/4	2,337.31	3/4	2,088.23	3/4	1,839.14	3/4	1,590.03	3/4
10	10	3,485.91	10	3,272.98	10	3,042.26	10	2,811.65	10	2,580.63	10	2,332.13	10	2,083.04	10	1,833.95	10	1,584.84	10
1/4	1/4	3,483.60	1/4	3,268.18	1/4	3,037.45	1/4	2,806.79	1/4	2,575.73	1/4	2,326.94	1/4	2,077.85	1/4	1,828.76	1/4	1,579.66	1/4
1/2	1/2	3,481.28	1/2	3,263.38	1/2	3,032.64	1/2	2,801.92	1/2	2,570.83	1/2	2,321.76	1/2	2,072.66	1/2	1,823.57	1/2	1,574.47	1/2
3/4	3/4	3,478.26	3/4	3,258.57	3/4	3,027.84	3/4	2,797.12	3/4	2,565.64	3/4	2,316.57	3/4	2,067.47	3/4	1,818.38	3/4	1,569.28	3/4
11	11	3,475.23	11	3,253.76	11	3,023.03	11	2,792.31	11	2,560.45	11	2,311.38	11	2,062.28	11	1,813.19	11	1,564.09	11
1/4	1/4	3,472.21	1/4	3,248.95	1/4	3,018.23	1/4	2,787.50	1/4	2,555.26	1/4	2,306.19	1/4	2,057.09	1/4	1,808.00	1/4	1,558.90	1/4
1/2	1/2	3,469.19	1/2	3,244.14	1/2	3,013.42	1/2	2,782.69	1/2	2,550.07	1/2	2,301.00	1/2	2,051.90	1/2	1,802.81	1/2	1,553.71	1/2
3/4	3/4	3,465.45	3/4	3,239.34	3/4	3,008.62	3/4	2,777.88	3/4	2,544.88	3/4	2,295.81	3/4	2,046.71	3/4	1,797.62	3/4	1,548.52	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "UTI/MMC" VAPOR LOCK VALVE PIP
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 29'-00" FORWARD OF AFT BULKHEAD
 GAUGE HEIGHT REPRESENTS HEIGHT TO TOP OF VAPOR LOCK VALVE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 17"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "GBL 1010 & KIRBY 10354"

GAUGE HEIGHT 16'-04 3/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,543.33	0	1,294.23	0	1,045.14	0	796.04	0	547.58	0	298.54	0	51.29	0		0		0	
1/4	1,538.14	1/4	1,289.04	1/4	1,039.95	1/4	790.85	1/4	542.41	1/4	293.35	1/4	46.56	1/4		1/4		1/4	
1/2	1,532.95	1/2	1,283.85	1/2	1,034.76	1/2	785.66	1/2	537.23	1/2	288.16	1/2	41.83	1/2		1/2		1/2	
3/4	1,527.76	3/4	1,278.66	3/4	1,029.57	3/4	780.48	3/4	532.04	3/4	282.97	3/4	37.42	3/4		3/4		3/4	
1	1,522.57	1	1,273.47	1	1,024.39	1	775.29	1	526.85	1	277.78	1	33.02	1		1		1	
1/4	1,517.38	1/4	1,268.28	1/4	1,019.20	1/4	770.11	1/4	521.66	1/4	272.59	1/4	28.62	1/4		1/4		1/4	
1/2	1,512.19	1/2	1,263.09	1/2	1,014.02	1/2	764.92	1/2	516.47	1/2	267.40	1/2	24.21	1/2		1/2		1/2	
3/4	1,507.00	3/4	1,257.91	3/4	1,008.83	3/4	759.73	3/4	511.29	3/4	262.22	3/4	20.87	3/4		3/4		3/4	
2	1,501.81	2	1,252.72	2	1,003.64	2	754.54	2	506.10	2	257.03	2	17.52	2		2		2	
1/4	1,496.62	1/4	1,247.54	1/4	998.45	1/4	749.35	1/4	500.92	1/4	251.85	1/4	14.17	1/4		1/4		1/4	
1/2	1,491.42	1/2	1,242.35	1/2	993.26	1/2	744.16	1/2	495.73	1/2	246.66	1/2	10.83	1/2		1/2		1/2	
3/4	1,486.24	3/4	1,237.16	3/4	988.07	3/4	738.99	3/4	490.54	3/4	241.47	3/4	8.90	3/4		3/4		3/4	
3	1,481.06	3	1,231.97	3	982.88	3	733.82	3	485.35	3	236.28	3	6.97	3		3		3	
1/4	1,475.87	1/4	1,226.78	1/4	977.69	1/4	728.64	1/4	480.16	1/4	231.09	1/4	5.04	1/4		1/4		1/4	
1/2	1,470.69	1/2	1,221.59	1/2	972.50	1/2	723.47	1/2	474.97	1/2	225.90	1/2	3.12	1/2		1/2		1/2	
3/4	1,465.50	3/4	1,216.40	3/4	967.31	3/4	718.30	3/4	469.78	3/4	220.71	3/4	2.49	3/4		3/4		3/4	
4	1,460.31	4	1,211.21	4	962.12	4	713.13	4	464.59	4	215.52	4	1.87	4		4		4	
1/4	1,455.12	1/4	1,206.02	1/4	956.92	1/4	707.95	1/4	459.40	1/4	210.33	1/4	1.44	1/4		1/4		1/4	
1/2	1,449.93	1/2	1,200.83	1/2	951.73	1/2	702.78	1/2	454.21	1/2	205.14	1/2	1.22	1/2		1/2		1/2	
3/4	1,444.73	3/4	1,195.64	3/4	946.54	3/4	697.61	3/4	449.03	3/4	199.95	3/4		3/4		3/4		3/4	
5	1,439.54	5	1,190.45	5	941.35	5	692.44	5	443.84	5	194.76	5		5		5		5	
1/4	1,434.35	1/4	1,185.26	1/4	936.16	1/4	687.26	1/4	438.66	1/4	189.57	1/4		1/4		1/4		1/4	
1/2	1,429.16	1/2	1,180.07	1/2	930.97	1/2	682.09	1/2	433.47	1/2	184.38	1/2		1/2		1/2		1/2	
3/4	1,423.97	3/4	1,174.88	3/4	925.78	3/4	676.92	3/4	428.28	3/4	179.19	3/4		3/4		3/4		3/4	
6	1,418.78	6	1,169.69	6	920.59	6	671.75	6	423.09	6	174.01	6		6		6		6	
1/4	1,413.59	1/4	1,164.50	1/4	915.40	1/4	666.57	1/4	417.90	1/4	168.82	1/4		1/4		1/4		1/4	
1/2	1,408.40	1/2	1,159.31	1/2	910.21	1/2	661.40	1/2	412.71	1/2	163.64	1/2		1/2		1/2		1/2	
3/4	1,403.21	3/4	1,154.12	3/4	905.03	3/4	656.23	3/4	407.52	3/4	158.45	3/4		3/4		3/4		3/4	
7	1,398.02	7	1,148.92	7	899.84	7	651.06	7	402.33	7	153.26	7		7		7		7	
1/4	1,392.83	1/4	1,143.73	1/4	894.66	1/4	645.88	1/4	397.14	1/4	148.07	1/4		1/4		1/4		1/4	
1/2	1,387.64	1/2	1,138.54	1/2	889.47	1/2	640.71	1/2	391.95	1/2	142.88	1/2		1/2		1/2		1/2	
3/4	1,382.45	3/4	1,133.36	3/4	884.28	3/4	635.54	3/4	386.76	3/4	137.69	3/4		3/4		3/4		3/4	
8	1,377.26	8	1,128.17	8	879.09	8	630.37	8	381.57	8	132.50	8		8		8		8	
1/4	1,372.07	1/4	1,122.99	1/4	873.90	1/4	625.19	1/4	376.38	1/4	127.31	1/4		1/4		1/4		1/4	
1/2	1,366.88	1/2	1,117.81	1/2	868.71	1/2	620.02	1/2	371.19	1/2	122.12	1/2		1/2		1/2		1/2	
3/4	1,361.69	3/4	1,112.62	3/4	863.52	3/4	614.84	3/4	366.00	3/4	116.92	3/4		3/4		3/4		3/4	
9	1,356.51	9	1,107.42	9	858.33	9	609.66	9	360.81	9	111.73	9		9		9		9	
1/4	1,351.32	1/4	1,102.23	1/4	853.14	1/4	604.48	1/4	355.62	1/4	106.54	1/4		1/4		1/4		1/4	
1/2	1,346.14	1/2	1,097.04	1/2	847.95	1/2	599.31	1/2	350.42	1/2	101.35	1/2		1/2		1/2		1/2	
3/4	1,340.95	3/4	1,091.85	3/4	842.76	3/4	594.13	3/4	345.24	3/4	96.20	3/4		3/4		3/4		3/4	
10	1,335.76	10	1,086.66	10	837.57	10	588.96	10	340.06	10	91.06	10		10		10		10	
1/4	1,330.57	1/4	1,081.47	1/4	832.38	1/4	583.79	1/4	334.87	1/4	85.91	1/4		1/4		1/4		1/4	
1/2	1,325.38	1/2	1,076.28	1/2	827.19	1/2	578.62	1/2	329.69	1/2	80.76	1/2		1/2		1/2		1/2	
3/4	1,320.19	3/4	1,071.09	3/4	822.00	3/4	573.44	3/4	324.50	3/4	75.76	3/4		3/4		3/4		3/4	
11	1,315.00	11	1,065.90	11	816.81	11	568.27	11	319.31	11	70.76	11		11		11		11	
1/4	1,309.81	1/4	1,060.71	1/4	811.62	1/4	563.10	1/4	314.12	1/4	65.76	1/4		1/4		1/4		1/4	
1/2	1,304.62	1/2	1,055.52	1/2	806.42	1/2	557.92	1/2	308.92	1/2	60.76	1/2		1/2		1/2		1/2	
3/4	1,299.43	3/4	1,050.33	3/4	801.23	3/4	552.75	3/4	303.73	3/4	56.03	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/1997 CL - SW
DECK MEASUREMENTS: 11/24/2004 SW CL
REPRINTED: 05/26/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

PRECISION MEASUREMENT
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