



# BARGE "CBC 18"

## ULLAGE TRIM TABLE

FORMERLY "GBL 1110 & KIRBY 10355"

	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	- 00-1/8	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 4'-00 1/4"

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 18"

# 3 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1110 & KIRBY 10355"

GAUGE HEIGHT 16'-04 1/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,542.80	0	3,293.35	0	3,043.61	0	2,793.87	0	2,544.18	0	2,294.47	0	2,044.75	0	1,795.01
1/4	1/4	1/4	1/4	1/4	3,538.61	1/4	3,288.14	1/4	3,038.41	1/4	2,788.67	1/4	2,538.98	1/4	2,289.26	1/4	2,039.55	1/4	1,789.81
1/2	1/2	1/2	1/2	1/2	3,533.86	1/2	3,282.94	1/2	3,033.20	1/2	2,783.47	1/2	2,533.78	1/2	2,284.06	1/2	2,034.35	1/2	1,784.61
3/4	3/4	3/4	3/4	3/4	3,528.55	3/4	3,277.74	3/4	3,027.99	3/4	2,778.26	3/4	2,528.57	3/4	2,278.86	3/4	2,029.14	3/4	1,779.41
1		1		1	3,523.25	1	3,272.54	1	3,022.78	1	2,773.06	1	2,523.37	1	2,273.66	1	2,023.94	1	1,774.20
1/4	1/4	1/4	1/4	1/4	3,517.94	1/4	3,267.33	1/4	3,017.58	1/4	2,767.86	1/4	2,518.17	1/4	2,268.45	1/4	2,018.74	1/4	1,769.00
1/2	1/2	1/2	1/2	1/2	3,512.58	1/2	3,262.13	1/2	3,012.37	1/2	2,762.66	1/2	2,512.97	1/2	2,263.25	1/2	2,013.54	1/2	1,763.80
3/4	3/4	3/4	3/4	3/4	3,507.17	3/4	3,256.93	3/4	3,007.17	3/4	2,757.45	3/4	2,507.77	3/4	2,258.05	3/4	2,008.33	3/4	1,758.60
2		2		2	3,501.77	2	3,251.73	2	3,001.97	2	2,752.25	2	2,502.56	2	2,252.85	2	2,003.13	2	1,753.39
1/4	1/4	1/4	1/4	1/4	3,496.36	1/4	3,246.52	1/4	2,996.76	1/4	2,747.05	1/4	2,497.36	1/4	2,247.65	1/4	1,997.93	1/4	1,748.19
1/2	1/2	1/2	1/2	1/2	3,491.06	1/2	3,241.32	1/2	2,991.56	1/2	2,741.85	1/2	2,492.16	1/2	2,242.44	1/2	1,992.73	1/2	1,742.99
3/4	3/4	3/4	3/4	3/4	3,485.86	3/4	3,236.11	3/4	2,986.36	3/4	2,736.65	3/4	2,486.96	3/4	2,237.24	3/4	1,987.53	3/4	1,737.79
3		3		3	3,480.66	3	3,230.90	3	2,981.16	3	2,731.46	3	2,481.75	3	2,232.04	3	1,982.32	3	1,732.58
1/4	1/4	1/4	1/4	1/4	3,475.45	1/4	3,225.70	1/4	2,975.95	1/4	2,726.26	1/4	2,476.55	1/4	2,226.84	1/4	1,977.12	1/4	1,727.38
1/2	1/2	1/2	1/2	1/2	3,470.25	1/2	3,220.49	1/2	2,970.75	1/2	2,721.06	1/2	2,471.35	1/2	2,221.63	1/2	1,971.92	1/2	1,722.18
3/4	3/4	3/4	3/4	3/4	3,465.05	3/4	3,215.29	3/4	2,965.55	3/4	2,715.86	3/4	2,466.15	3/4	2,216.43	3/4	1,966.72	3/4	1,716.98
4		4		4	3,459.85	4	3,210.08	4	2,960.35	4	2,710.66	4	2,460.94	4	2,211.23	4	1,961.51	4	1,711.78
1/4	1/4	1/4	1/4	1/4	3,454.64	1/4	3,204.88	1/4	2,955.14	1/4	2,705.46	1/4	2,455.74	1/4	2,206.03	1/4	1,956.31	1/4	1,706.57
1/2	1/2	1/2	1/2	1/2	3,449.44	1/2	3,199.68	1/2	2,949.94	1/2	2,700.25	1/2	2,450.54	1/2	2,200.82	1/2	1,951.11	1/2	1,701.37
3/4	3/4	3/4	3/4	3/4	3,444.23	3/4	3,194.48	3/4	2,944.74	3/4	2,695.05	3/4	2,445.34	3/4	2,195.62	3/4	1,945.91	3/4	1,696.17
5		5		5	3,439.02	5	3,189.28	5	2,939.54	5	2,689.85	5	2,440.13	5	2,190.42	5	1,940.70	5	1,690.97
1/4	1/4	1/4	1/4	1/4	3,433.81	1/4	3,184.07	1/4	2,934.34	1/4	2,684.65	1/4	2,434.93	1/4	2,185.22	1/4	1,935.50	1/4	1,685.76
1/2	1/2	1/2	1/2	1/2	3,428.61	1/2	3,178.87	1/2	2,929.13	1/2	2,679.44	1/2	2,429.73	1/2	2,180.01	1/2	1,930.30	1/2	1,680.56
3/4	3/4	3/4	3/4	3/4	3,423.41	3/4	3,173.67	3/4	2,923.93	3/4	2,674.24	3/4	2,424.53	3/4	2,174.81	3/4	1,925.10	3/4	1,675.36
6		6		6	3,418.20	6	3,168.47	6	2,918.73	6	2,669.04	6	2,419.32	6	2,169.61	6	1,919.89	6	1,670.16
1/4	1/4	1/4	1/4	1/4	3,413.00	1/4	3,163.26	1/4	2,913.53	1/4	2,663.84	1/4	2,414.12	1/4	2,164.41	1/4	1,914.69	1/4	1,664.95
1/2	1/2	1/2	1/2	1/2	3,407.80	1/2	3,158.06	1/2	2,908.32	1/2	2,658.63	1/2	2,408.92	1/2	2,159.20	1/2	1,909.49	1/2	1,659.75
3/4	3/4	3/4	3/4	3/4	3,402.60	3/4	3,152.86	3/4	2,903.12	3/4	2,653.43	3/4	2,403.72	3/4	2,154.00	3/4	1,904.29	3/4	1,654.55
7		7		7	3,397.39	7	3,147.66	7	2,897.92	7	2,648.23	7	2,398.51	7	2,148.80	7	1,899.08	7	1,649.35
1/4	1/4	1/4	1/4	1/4	3,392.19	1/4	3,142.45	1/4	2,892.72	1/4	2,643.03	1/4	2,393.31	1/4	2,143.60	1/4	1,893.88	1/4	1,644.14
1/2	1/2	1/2	1/2	1/2	3,386.99	1/2	3,137.25	1/2	2,887.51	1/2	2,637.83	1/2	2,388.11	1/2	2,138.39	1/2	1,888.68	1/2	1,638.94
3/4	3/4	3/4	3/4	3/4	3,381.79	3/4	3,132.05	3/4	2,882.31	3/4	2,632.62	3/4	2,382.91	3/4	2,133.19	3/4	1,883.48	3/4	1,633.74
8		8 1/8	3,576.90	8	3,376.59	8	3,126.85	8	2,877.11	8	2,627.42	8	2,377.71	8	2,127.99	8	1,878.27	8	1,628.54
1/4	1/4	1/4	3,576.83	1/4	3,371.38	1/4	3,121.64	1/4	2,871.91	1/4	2,622.22	1/4	2,372.50	1/4	2,122.79	1/4	1,873.07	1/4	1,623.33
1/2	1/2	1/2	3,576.34	1/2	3,366.18	1/2	3,116.44	1/2	2,866.70	1/2	2,617.02	1/2	2,367.30	1/2	2,117.59	1/2	1,867.87	1/2	1,618.13
3/4	3/4	3/4	3,575.50	3/4	3,360.98	3/4	3,111.24	3/4	2,861.50	3/4	2,611.81	3/4	2,362.10	3/4	2,112.38	3/4	1,862.66	3/4	1,612.93
9		9	3,574.66	9	3,355.78	9	3,106.04	9	2,856.30	9	2,606.61	9	2,356.90	9	2,107.18	9	1,857.45	9	1,607.73
1/4	1/4	1/4	3,573.82	1/4	3,350.57	1/4	3,100.83	1/4	2,851.10	1/4	2,601.41	1/4	2,351.69	1/4	2,101.98	1/4	1,852.24	1/4	1,602.52
1/2	1/2	1/2	3,572.42	1/2	3,345.37	1/2	3,095.63	1/2	2,845.89	1/2	2,596.21	1/2	2,346.49	1/2	2,096.78	1/2	1,847.04	1/2	1,597.32
3/4	3/4	3/4	3,570.47	3/4	3,340.17	3/4	3,090.43	3/4	2,840.69	3/4	2,591.00	3/4	2,341.29	3/4	2,091.57	3/4	1,841.84	3/4	1,592.12
10		10	3,568.52	10	3,334.97	10	3,085.23	10	2,835.49	10	2,585.80	10	2,336.09	10	2,086.37	10	1,836.63	10	1,586.92
1/4	1/4	1/4	3,566.57	1/4	3,329.76	1/4	3,080.02	1/4	2,830.29	1/4	2,580.60	1/4	2,330.88	1/4	2,081.17	1/4	1,831.43	1/4	1,581.72
1/2	1/2	1/2	3,564.05	1/2	3,324.56	1/2	3,074.82	1/2	2,825.08	1/2	2,575.40	1/2	2,325.68	1/2	2,075.97	1/2	1,826.23	1/2	1,576.51
3/4	3/4	3/4	3,560.97	3/4	3,319.36	3/4	3,069.62	3/4	2,819.88	3/4	2,570.19	3/4	2,320.48	3/4	2,070.76	3/4	1,821.03	3/4	1,571.30
11		11	3,557.90	11	3,314.16	11	3,064.42	11	2,814.68	11	2,564.99	11	2,315.28	11	2,065.56	11	1,815.82	11	1,566.09
1/4	1/4	1/4	3,554.82	1/4	3,308.95	1/4	3,059.22	1/4	2,809.48	1/4	2,559.79	1/4	2,310.07	1/4	2,060.36	1/4	1,810.62	1/4	1,560.89
1/2	1/2	1/2	3,551.19	1/2	3,303.75	1/2	3,054.01	1/2	2,804.28	1/2	2,554.59	1/2	2,304.87	1/2	2,055.16	1/2	1,805.42	1/2	1,555.68
3/4	3/4	3/4	3,547.00	3/4	3,298.55	3/4	3,048.81	3/4	2,799.07	3/4	2,549.38	3/4	2,299.67	3/4	2,049.95	3/4	1,800.22	3/4	1,550.48

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN @ THE "UTI / MMC" VAPOR LOCK VALVE PIPE.

GAUGE POINT: (UTI / 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

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# BARGE "CBC 18"

## 3 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1110 & KIRBY 10355"

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	1,545.28	0	1,295.54	0	1,045.80	0	796.06	0	546.36	0	296.68	0	49.02	0		0		0	
1/4	1,540.07	1/4	1,290.33	1/4	1,040.60	1/4	790.86	1/4	541.17	1/4	291.48	1/4	44.27	1/4		1/4		1/4	
1/2	1,534.87	1/2	1,285.13	1/2	1,035.39	1/2	785.65	1/2	535.97	1/2	286.28	1/2	39.69	1/2		1/2		1/2	
3/4	1,529.67	3/4	1,279.93	3/4	1,030.19	3/4	780.44	3/4	530.76	3/4	281.07	3/4	35.28	3/4		3/4		3/4	
1	1,524.47	1	1,274.73	1	1,024.99	1	775.24	1	525.56	1	275.87	1	30.87	1		1		1	
1/4	1,519.26	1/4	1,269.53	1/4	1,019.79	1/4	770.03	1/4	520.36	1/4	270.67	1/4	26.46	1/4		1/4		1/4	
1/2	1,514.06	1/2	1,264.32	1/2	1,014.58	1/2	764.82	1/2	515.16	1/2	265.47	1/2	22.58	1/2		1/2		1/2	
3/4	1,508.86	3/4	1,259.12	3/4	1,009.38	3/4	759.62	3/4	509.95	3/4	260.26	3/4	19.22	3/4		3/4		3/4	
2	1,503.66	2	1,253.92	2	1,004.18	2	754.42	2	504.75	2	255.06	2	15.86	2		2		2	
1/4	1,498.45	1/4	1,248.72	1/4	998.98	1/4	749.22	1/4	499.55	1/4	249.86	1/4	12.51	1/4		1/4		1/4	
1/2	1,493.25	1/2	1,243.51	1/2	993.77	1/2	744.01	1/2	494.35	1/2	244.66	1/2	9.86	1/2		1/2		1/2	
3/4	1,488.05	3/4	1,238.31	3/4	988.57	3/4	738.81	3/4	489.14	3/4	239.45	3/4	7.94	3/4		3/4		3/4	
3	1,482.85	3	1,233.11	3	983.37	3	733.61	3	483.94	3	234.25	3	6.01	3		3		3	
1/4	1,477.64	1/4	1,227.91	1/4	978.17	1/4	728.41	1/4	478.74	1/4	229.05	1/4	4.08	1/4		1/4		1/4	
1/2	1,472.44	1/2	1,222.70	1/2	972.96	1/2	723.21	1/2	473.54	1/2	223.84	1/2	2.80	1/2		1/2		1/2	
3/4	1,467.24	3/4	1,217.50	3/4	967.75	3/4	718.01	3/4	468.33	3/4	218.64	3/4	2.18	3/4		3/4		3/4	
4	1,462.04	4	1,212.30	4	962.55	4	712.81	4	463.13	4	213.44	4	1.55	4		4		4	
1/4	1,456.83	1/4	1,207.10	1/4	957.34	1/4	707.62	1/4	457.93	1/4	208.24	1/4	1.24	1/4		1/4		1/4	
1/2	1,451.63	1/2	1,201.89	1/2	952.13	1/2	702.42	1/2	452.73	1/2	203.04	1/2		1/2		1/2		1/2	
3/4	1,446.43	3/4	1,196.69	3/4	946.93	3/4	697.22	3/4	447.53	3/4	197.83	3/4		3/4		3/4		3/4	
5	1,441.23	5	1,191.49	5	941.73	5	692.01	5	442.32	5	192.63	5		5		5		5	
1/4	1,436.03	1/4	1,186.29	1/4	936.53	1/4	686.81	1/4	437.12	1/4	187.43	1/4		1/4		1/4		1/4	
1/2	1,430.82	1/2	1,181.08	1/2	931.32	1/2	681.61	1/2	431.92	1/2	182.23	1/2		1/2		1/2		1/2	
3/4	1,425.62	3/4	1,175.88	3/4	926.12	3/4	676.41	3/4	426.72	3/4	177.03	3/4		3/4		3/4		3/4	
6	1,420.42	6	1,170.68	6	920.92	6	671.20	6	421.51	6	171.82	6		6		6		6	
1/4	1,415.22	1/4	1,165.48	1/4	915.72	1/4	666.00	1/4	416.31	1/4	166.62	1/4		1/4		1/4		1/4	
1/2	1,410.01	1/2	1,160.27	1/2	910.51	1/2	660.80	1/2	411.11	1/2	161.42	1/2		1/2		1/2		1/2	
3/4	1,404.81	3/4	1,155.06	3/4	905.31	3/4	655.60	3/4	405.91	3/4	156.22	3/4		3/4		3/4		3/4	
7	1,399.61	7	1,149.86	7	900.11	7	650.39	7	400.70	7	151.01	7		7		7		7	
1/4	1,394.41	1/4	1,144.65	1/4	894.91	1/4	645.19	1/4	395.50	1/4	145.81	1/4		1/4		1/4		1/4	
1/2	1,389.20	1/2	1,139.44	1/2	889.70	1/2	639.99	1/2	390.30	1/2	140.61	1/2		1/2		1/2		1/2	
3/4	1,384.00	3/4	1,134.24	3/4	884.50	3/4	634.79	3/4	385.10	3/4	135.41	3/4		3/4		3/4		3/4	
8	1,378.80	8	1,129.04	8	879.30	8	629.58	8	379.89	8	130.20	8		8		8		8	
1/4	1,373.60	1/4	1,123.83	1/4	874.10	1/4	624.38	1/4	374.69	1/4	125.00	1/4		1/4		1/4		1/4	
1/2	1,368.39	1/2	1,118.63	1/2	868.89	1/2	619.18	1/2	369.49	1/2	119.80	1/2		1/2		1/2		1/2	
3/4	1,363.18	3/4	1,113.43	3/4	863.69	3/4	613.98	3/4	364.29	3/4	114.60	3/4		3/4		3/4		3/4	
9	1,357.97	9	1,108.23	9	858.49	9	608.77	9	359.08	9	109.39	9		9		9		9	
1/4	1,352.77	1/4	1,103.03	1/4	853.29	1/4	603.57	1/4	353.88	1/4	104.19	1/4		1/4		1/4		1/4	
1/2	1,347.56	1/2	1,097.82	1/2	848.08	1/2	598.37	1/2	348.68	1/2	99.01	1/2		1/2		1/2		1/2	
3/4	1,342.36	3/4	1,092.62	3/4	842.88	3/4	593.17	3/4	343.49	3/4	93.84	3/4		3/4		3/4		3/4	
10	1,337.16	10	1,087.42	10	837.68	10	587.97	10	338.29	10	88.67	10		10		10		10	
1/4	1,331.95	1/4	1,082.22	1/4	832.48	1/4	582.76	1/4	333.09	1/4	83.51	1/4		1/4		1/4		1/4	
1/2	1,326.75	1/2	1,077.01	1/2	827.27	1/2	577.56	1/2	327.89	1/2	78.42	1/2		1/2		1/2		1/2	
3/4	1,321.55	3/4	1,071.81	3/4	822.07	3/4	572.36	3/4	322.69	3/4	73.41	3/4		3/4		3/4		3/4	
11	1,316.35	11	1,066.61	11	816.87	11	567.16	11	317.49	11	68.39	11		11		11		11	
1/4	1,311.14	1/4	1,061.41	1/4	811.67	1/4	561.95	1/4	312.29	1/4	63.38	1/4		1/4		1/4		1/4	
1/2	1,305.94	1/2	1,056.20	1/2	806.47	1/2	556.75	1/2	307.09	1/2	58.50	1/2		1/2		1/2		1/2	
3/4	1,300.74	3/4	1,051.00	3/4	801.26	3/4	551.56	3/4	301.88	3/4	53.76	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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# BARGE "CBC 18"

# 2 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1110 & KIRBY 10355"

GAUGE HEIGHT 16'-04 1/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,539.87	0	3,294.57	0	3,044.69	0	2,794.82	0	2,544.97	0	2,295.12	0	2,045.25	0	1,795.37
1/4	1/4	1/4	1/4	1/4	3,536.06	1/4	3,289.36	1/4	3,039.48	1/4	2,789.62	1/4	2,539.76	1/4	2,289.91	1/4	2,040.05	1/4	1,790.17
1/2	1/2	1/2	1/2	1/2	3,531.86	1/2	3,284.16	1/2	3,034.27	1/2	2,784.42	1/2	2,534.56	1/2	2,284.70	1/2	2,034.84	1/2	1,784.96
3/4	3/4	3/4	3/4	3/4	3,527.25	3/4	3,278.95	3/4	3,029.06	3/4	2,779.21	3/4	2,529.35	3/4	2,279.50	3/4	2,029.64	3/4	1,779.76
1		1		1	3,522.64	1	3,273.75	1	3,023.86	1	2,774.00	1	2,524.14	1	2,274.30	1	2,024.43	1	1,774.55
1/4	1/4	1/4	1/4	1/4	3,518.04	1/4	3,268.55	1/4	3,018.65	1/4	2,768.79	1/4	2,518.93	1/4	2,269.10	1/4	2,019.22	1/4	1,769.34
1/2	1/2	1/2	1/2	1/2	3,513.14	1/2	3,263.34	1/2	3,013.44	1/2	2,763.59	1/2	2,513.73	1/2	2,263.89	1/2	2,014.01	1/2	1,764.13
3/4	3/4	3/4	3/4	3/4	3,508.97	3/4	3,258.14	3/4	3,008.24	3/4	2,758.38	3/4	2,508.53	3/4	2,258.68	3/4	2,008.81	3/4	1,758.92
2		2		2	3,502.79	2	3,252.93	2	3,003.04	2	2,753.18	2	2,503.32	2	2,253.48	2	2,003.61	2	1,753.71
1/4	1/4	1/4	1/4	1/4	3,497.61	1/4	3,247.72	1/4	2,997.84	1/4	2,747.98	1/4	2,498.12	1/4	2,248.27	1/4	1,998.41	1/4	1,748.50
1/2	1/2	1/2	1/2	1/2	3,492.42	1/2	3,242.51	1/2	2,992.63	1/2	2,742.77	1/2	2,492.92	1/2	2,243.06	1/2	1,993.20	1/2	1,743.30
3/4	3/4	3/4	3/4	3/4	3,487.21	3/4	3,237.31	3/4	2,987.42	3/4	2,737.56	3/4	2,487.71	3/4	2,237.86	3/4	1,987.99	3/4	1,738.10
3		3		3	3,482.00	3	3,232.11	3	2,982.21	3	2,732.36	3	2,482.50	3	2,232.66	3	1,982.78	3	1,732.89
1/4	1/4	1/4	1/4	1/4	3,476.79	1/4	3,226.91	1/4	2,977.00	1/4	2,727.15	1/4	2,477.29	1/4	2,227.45	1/4	1,977.58	1/4	1,727.69
1/2	1/2	1/2	1/2	1/2	3,471.58	1/2	3,221.70	1/2	2,971.80	1/2	2,721.94	1/2	2,472.09	1/2	2,222.25	1/2	1,972.37	1/2	1,722.49
3/4	3/4	3/4	3/4	3/4	3,466.37	3/4	3,216.49	3/4	2,966.60	3/4	2,716.74	3/4	2,466.88	3/4	2,217.04	3/4	1,967.16	3/4	1,717.28
4		4		4	3,461.17	4	3,211.28	4	2,961.39	4	2,711.54	4	2,461.68	4	2,211.83	4	1,961.95	4	1,712.07
1/4	1/4	1/4	1/4	1/4	3,455.96	1/4	3,206.08	1/4	2,956.19	1/4	2,706.34	1/4	2,456.48	1/4	2,206.62	1/4	1,956.74	1/4	1,706.86
1/2	1/2	1/2	1/2	1/2	3,450.75	1/2	3,200.87	1/2	2,950.99	1/2	2,701.13	1/2	2,451.27	1/2	2,201.42	1/2	1,951.54	1/2	1,701.66
3/4	3/4	3/4	3/4	3/4	3,445.55	3/4	3,195.66	3/4	2,945.78	3/4	2,695.92	3/4	2,446.06	3/4	2,196.22	3/4	1,946.34	3/4	1,696.45
5		5		5	3,440.35	5	3,190.45	5	2,940.57	5	2,690.71	5	2,440.86	5	2,191.01	5	1,941.13	5	1,691.25
1/4	1/4	1/4	1/4	1/4	3,435.14	1/4	3,185.24	1/4	2,935.36	1/4	2,685.50	1/4	2,435.65	1/4	2,185.81	1/4	1,935.93	1/4	1,686.05
1/2	1/2	1/2	1/2	1/2	3,429.94	1/2	3,180.04	1/2	2,930.16	1/2	2,680.30	1/2	2,430.44	1/2	2,180.61	1/2	1,930.73	1/2	1,680.84
3/4	3/4	3/4	3/4	3/4	3,424.73	3/4	3,174.84	3/4	2,924.95	3/4	2,675.10	3/4	2,425.24	3/4	2,175.40	3/4	1,925.52	3/4	1,675.64
6		6		6	3,419.52	6	3,169.63	6	2,919.75	6	2,669.89	6	2,420.04	6	2,170.19	6	1,920.31	6	1,670.43
1/4	1/4	1/4	1/4	1/4	3,414.31	1/4	3,164.43	1/4	2,914.55	1/4	2,664.69	1/4	2,414.84	1/4	2,164.98	1/4	1,915.10	1/4	1,665.22
1/2	1/2	1/2	1/2	1/2	3,409.11	1/2	3,159.22	1/2	2,909.34	1/2	2,659.49	1/2	2,409.63	1/2	2,159.78	1/2	1,909.89	1/2	1,660.01
3/4	3/4	3/4	3/4	3/4	3,403.91	3/4	3,154.02	3/4	2,904.14	3/4	2,654.28	3/4	2,404.43	3/4	2,154.57	3/4	1,904.69	3/4	1,654.81
7		7		7	3,398.70	7	3,148.81	7	2,898.93	7	2,649.07	7	2,399.23	7	2,149.37	7	1,899.49	7	1,649.61
1/4	3/8	3,578.21	1/4	3,393.50	1/4	3,143.60	1/4	2,893.72	1/4	2,643.86	1/4	2,394.03	1/4	2,144.17	1/4	1,894.29	1/4	1,644.41	
1/2	1/2	3,577.91	1/2	3,388.30	1/2	3,138.39	1/2	2,888.51	1/2	2,638.66	1/2	2,388.82	1/2	2,138.96	1/2	1,889.08	1/2	1,639.20	
3/4	3/4	3,577.31	3/4	3,383.09	3/4	3,133.18	3/4	2,883.31	3/4	2,633.45	3/4	2,383.61	3/4	2,133.76	3/4	1,883.87	3/4	1,633.99	
8		8	3,576.71	8	3,377.88	8	3,127.97	8	2,878.11	8	2,628.25	8	2,378.40	8	2,128.55	8	1,878.67	8	1,628.78
1/4	1/4	3,576.11	1/4	3,372.67	1/4	3,122.77	1/4	2,872.91	1/4	2,623.05	1/4	2,373.20	1/4	2,123.34	1/4	1,873.46	1/4	1,623.58	
1/2	1/2	3,575.11	1/2	3,367.46	1/2	3,117.56	1/2	2,867.70	1/2	2,617.84	1/2	2,367.99	1/2	2,118.13	1/2	1,868.25	1/2	1,618.37	
3/4	3/4	3,573.71	3/4	3,362.25	3/4	3,112.36	3/4	2,862.49	3/4	2,612.64	3/4	2,362.79	3/4	2,112.92	3/4	1,863.04	3/4	1,613.16	
9		9	3,572.31	9	3,357.05	9	3,107.16	9	2,857.28	9	2,607.43	9	2,357.59	9	2,107.71	9	1,857.83	9	1,607.95
1/4	1/4	3,570.91	1/4	3,351.84	1/4	3,101.95	1/4	2,852.08	1/4	2,602.22	1/4	2,352.38	1/4	2,102.50	1/4	1,852.62	1/4	1,602.74	
1/2	1/2	3,569.11	1/2	3,346.63	1/2	3,096.75	1/2	2,846.87	1/2	2,597.01	1/2	2,347.18	1/2	2,097.30	1/2	1,847.42	1/2	1,597.54	
3/4	3/4	3,566.90	3/4	3,341.43	3/4	3,091.54	3/4	2,841.67	3/4	2,591.81	3/4	2,341.97	3/4	2,092.10	3/4	1,842.22	3/4	1,592.34	
10		10	3,564.69	10	3,336.23	10	3,086.33	10	2,836.47	10	2,586.61	10	2,336.76	10	2,086.89	10	1,837.01	10	1,587.13
1/4	1/4	3,562.48	1/4	3,331.03	1/4	3,081.12	1/4	2,831.26	1/4	2,581.41	1/4	2,331.55	1/4	2,081.69	1/4	1,831.81	1/4	1,581.93	
1/2	1/2	3,559.88	1/2	3,325.82	1/2	3,075.92	1/2	2,826.06	1/2	2,576.20	1/2	2,326.35	1/2	2,076.49	1/2	1,826.61	1/2	1,576.72	
3/4	3/4	3,556.88	3/4	3,320.61	3/4	3,070.72	3/4	2,820.85	3/4	2,570.99	3/4	2,321.14	3/4	2,071.28	3/4	1,821.40	3/4	1,571.52	
11		11	3,553.88	11	3,315.40	11	3,065.51	11	2,815.64	11	2,565.78	11	2,315.94	11	2,066.07	11	1,816.19	11	1,566.31
1/4	1/4	3,550.88	1/4	3,310.19	1/4	3,060.31	1/4	2,810.43	1/4	2,560.58	1/4	2,310.74	1/4	2,060.86	1/4	1,810.98	1/4	1,561.10	
1/2	1/2	3,547.48	1/2	3,304.99	1/2	3,055.11	1/2	2,805.23	1/2	2,555.37	1/2	2,305.53	1/2	2,055.66	1/2	1,805.78	1/2	1,555.89	
3/4	3/4	3,543.67	3/4	3,299.78	3/4	3,049.90	3/4	2,800.03	3/4	2,550.17	3/4	2,300.33	3/4	2,050.45	3/4	1,800.57	3/4	1,550.68	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN @ THE "UTI / MMC" VAPOR LOCK VALVE PIPE.  
 GAUGE POINT: (UTI / 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 18"

## 2 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1110 & KIRBY 10355"

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	1,545.47	0	1,295.59	0	1,045.69	0	795.81	0	546.66	0	296.85	0	49.04	0		0		0	
1/4	1,540.27	1/4	1,290.39	1/4	1,040.48	1/4	790.60	1/4	541.47	1/4	291.64	1/4	44.30	1/4		1/4		1/4	
1/2	1,535.06	1/2	1,285.18	1/2	1,035.28	1/2	785.39	1/2	536.28	1/2	286.44	1/2	39.72	1/2		1/2		1/2	
3/4	1,529.86	3/4	1,279.97	3/4	1,030.07	3/4	780.18	3/4	531.07	3/4	281.23	3/4	35.31	3/4		3/4		3/4	
1	1,524.66	1	1,274.76	1	1,024.87	1	774.97	1	525.87	1	276.02	1	30.90	1		1		1	
1/4	1,519.45	1/4	1,269.55	1/4	1,019.67	1/4	769.77	1/4	520.67	1/4	270.81	1/4	26.49	1/4		1/4		1/4	
1/2	1,514.25	1/2	1,264.35	1/2	1,014.46	1/2	764.56	1/2	515.46	1/2	265.61	1/2	22.60	1/2		1/2		1/2	
3/4	1,509.04	3/4	1,259.14	3/4	1,009.25	3/4	759.36	3/4	510.25	3/4	260.41	3/4	19.24	3/4		3/4		3/4	
2	1,503.83	2	1,253.94	2	1,004.05	2	754.16	2	505.05	2	255.20	2	15.87	2		2		2	
1/4	1,498.62	1/4	1,248.74	1/4	998.84	1/4	748.95	1/4	499.84	1/4	250.00	1/4	12.51	1/4		1/4		1/4	
1/2	1,493.42	1/2	1,243.53	1/2	993.63	1/2	743.76	1/2	494.63	1/2	244.80	1/2	9.86	1/2		1/2		1/2	
3/4	1,488.22	3/4	1,238.33	3/4	988.43	3/4	738.57	3/4	489.43	3/4	239.59	3/4	7.94	3/4		3/4		3/4	
3	1,483.01	3	1,233.12	3	983.23	3	733.38	3	484.23	3	234.38	3	6.01	3		3		3	
1/4	1,477.81	1/4	1,227.91	1/4	978.03	1/4	728.19	1/4	479.03	1/4	229.17	1/4	4.08	1/4		1/4		1/4	
1/2	1,472.61	1/2	1,222.70	1/2	972.82	1/2	723.00	1/2	473.82	1/2	223.97	1/2	2.80	1/2		1/2		1/2	
3/4	1,467.40	3/4	1,217.50	3/4	967.61	3/4	717.81	3/4	468.62	3/4	218.76	3/4	2.18	3/4		3/4		3/4	
4	1,462.19	4	1,212.30	4	962.40	4	712.63	4	463.42	4	213.56	4	1.55	4		4		4	
1/4	1,456.98	1/4	1,207.10	1/4	957.19	1/4	707.45	1/4	458.22	1/4	208.36	1/4	1.24	1/4		1/4		1/4	
1/2	1,451.77	1/2	1,201.89	1/2	951.99	1/2	702.26	1/2	453.01	1/2	203.15	1/2		1/2		1/2		1/2	
3/4	1,446.56	3/4	1,196.68	3/4	946.78	3/4	697.08	3/4	447.80	3/4	197.95	3/4		3/4		3/4		3/4	
5	1,441.36	5	1,191.47	5	941.57	5	691.89	5	442.59	5	192.74	5		5		5		5	
1/4	1,436.15	1/4	1,186.27	1/4	936.36	1/4	686.71	1/4	437.39	1/4	187.53	1/4		1/4		1/4		1/4	
1/2	1,430.94	1/2	1,181.06	1/2	931.16	1/2	681.52	1/2	432.18	1/2	182.32	1/2		1/2		1/2		1/2	
3/4	1,425.74	3/4	1,175.85	3/4	925.95	3/4	676.34	3/4	426.98	3/4	177.12	3/4		3/4		3/4		3/4	
6	1,420.54	6	1,170.64	6	920.75	6	671.15	6	421.78	6	171.92	6		6		6		6	
1/4	1,415.34	1/4	1,165.43	1/4	915.55	1/4	665.97	1/4	416.57	1/4	166.72	1/4		1/4		1/4		1/4	
1/2	1,410.13	1/2	1,160.23	1/2	910.34	1/2	660.78	1/2	411.37	1/2	161.51	1/2		1/2		1/2		1/2	
3/4	1,404.92	3/4	1,155.03	3/4	905.14	3/4	655.59	3/4	406.16	3/4	156.30	3/4		3/4		3/4		3/4	
7	1,399.71	7	1,149.82	7	899.93	7	650.40	7	400.95	7	151.09	7		7		7		7	
1/4	1,394.50	1/4	1,144.62	1/4	894.72	1/4	645.21	1/4	395.74	1/4	145.89	1/4		1/4		1/4		1/4	
1/2	1,389.30	1/2	1,139.42	1/2	889.51	1/2	640.02	1/2	390.54	1/2	140.68	1/2		1/2		1/2		1/2	
3/4	1,384.10	3/4	1,134.21	3/4	884.30	3/4	634.84	3/4	385.34	3/4	135.48	3/4		3/4		3/4		3/4	
8	1,378.89	8	1,129.00	8	879.09	8	629.65	8	380.13	8	130.28	8		8		8		8	
1/4	1,373.69	1/4	1,123.79	1/4	873.89	1/4	624.47	1/4	374.93	1/4	125.07	1/4		1/4		1/4		1/4	
1/2	1,368.49	1/2	1,118.58	1/2	868.68	1/2	619.28	1/2	369.73	1/2	119.87	1/2		1/2		1/2		1/2	
3/4	1,363.28	3/4	1,113.37	3/4	863.48	3/4	614.10	3/4	364.52	3/4	114.66	3/4		3/4		3/4		3/4	
9	1,358.07	9	1,108.17	9	858.28	9	608.92	9	359.31	9	109.45	9		9		9		9	
1/4	1,352.86	1/4	1,102.96	1/4	853.07	1/4	603.73	1/4	354.10	1/4	104.24	1/4		1/4		1/4		1/4	
1/2	1,347.65	1/2	1,097.75	1/2	847.87	1/2	598.54	1/2	348.89	1/2	99.06	1/2		1/2		1/2		1/2	
3/4	1,342.45	3/4	1,092.55	3/4	842.66	3/4	593.35	3/4	343.69	3/4	93.89	3/4		3/4		3/4		3/4	
10	1,337.24	10	1,087.35	10	837.45	10	588.16	10	338.49	10	88.72	10		10		10		10	
1/4	1,332.03	1/4	1,082.14	1/4	832.24	1/4	582.97	1/4	333.29	1/4	83.56	1/4		1/4		1/4		1/4	
1/2	1,326.82	1/2	1,076.94	1/2	827.04	1/2	577.78	1/2	328.08	1/2	78.46	1/2		1/2		1/2		1/2	
3/4	1,321.62	3/4	1,071.73	3/4	821.84	3/4	572.60	3/4	322.87	3/4	73.45	3/4		3/4		3/4		3/4	
11	1,316.42	11	1,066.52	11	816.63	11	567.42	11	317.67	11	68.43	11		11		11		11	
1/4	1,311.22	1/4	1,061.31	1/4	811.43	1/4	562.23	1/4	312.46	1/4	63.41	1/4		1/4		1/4		1/4	
1/2	1,306.01	1/2	1,056.11	1/2	806.22	1/2	557.04	1/2	307.25	1/2	58.53	1/2		1/2		1/2		1/2	
3/4	1,300.80	3/4	1,050.90	3/4	801.02	3/4	551.85	3/4	302.05	3/4	53.78	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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# BARGE "CBC 18"

# 1 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1110 & KIRBY 10355"

GAUGE HEIGHT 16'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,454.57	0	3,226.99	0	2,996.07	0	2,765.14	0	2,531.54	0	2,282.26	0	2,032.95	0	1,783.64
1/4	1/4	1/4	1/4	1/4	3,450.50	1/4	3,222.18	1/4	2,991.25	1/4	2,760.33	1/4	2,526.35	1/4	2,277.07	1/4	2,027.76	1/4	1,778.44
1/2	1/2	1/2	1/2	1/2	3,446.44	1/2	3,217.36	1/2	2,986.43	1/2	2,755.52	1/2	2,521.16	1/2	2,271.88	1/2	2,022.57	1/2	1,773.24
3/4	3/4	3/4	3/4	3/4	3,442.37	3/4	3,212.55	3/4	2,981.62	3/4	2,750.71	3/4	2,515.97	3/4	2,266.69	3/4	2,017.38	3/4	1,768.05
1		1		1	3,438.30	1	3,207.73	1	2,976.80	1	2,745.90	1	2,510.78	1	2,261.49	1	2,012.18	1	1,762.85
1/4	1/4	1/4	1/4	1/4	3,433.58	1/4	3,202.92	1/4	2,971.99	1/4	2,741.09	1/4	2,505.58	1/4	2,256.30	1/4	2,006.99	1/4	1,757.66
1/2	1/2	1/2	1/2	1/2	3,428.86	1/2	3,198.11	1/2	2,967.18	1/2	2,736.28	1/2	2,500.39	1/2	2,251.10	1/2	2,001.79	1/2	1,752.46
3/4	3/4	3/4	3/4	3/4	3,424.14	3/4	3,193.30	3/4	2,962.38	3/4	2,731.47	3/4	2,495.19	3/4	2,245.91	3/4	1,996.60	3/4	1,747.26
2		2		2	3,419.42	2	3,188.49	2	2,957.57	2	2,726.66	2	2,489.99	2	2,240.71	2	1,991.40	2	1,742.07
1/4	1/4	1/4	1/4	1/4	3,414.61	1/4	3,183.68	1/4	2,952.76	1/4	2,721.85	1/4	2,484.80	1/4	2,235.52	1/4	1,986.20	1/4	1,736.88
1/2	1/2	1/2	1/2	1/2	3,409.80	1/2	3,178.88	1/2	2,947.95	1/2	2,717.03	1/2	2,479.61	1/2	2,230.33	1/2	1,981.01	1/2	1,731.69
3/4	3/4	3/4	3/4	3/4	3,404.99	3/4	3,174.07	3/4	2,943.14	3/4	2,712.21	3/4	2,474.42	3/4	2,225.14	3/4	1,975.81	3/4	1,726.49
3		3		3	3,400.19	3	3,169.26	3	2,938.33	3	2,707.40	3	2,469.23	3	2,219.95	3	1,970.61	3	1,721.30
1/4	1/4	1/4	1/4	1/4	3,395.37	1/4	3,164.45	1/4	2,933.52	1/4	2,702.59	1/4	2,464.04	1/4	2,214.75	1/4	1,965.42	1/4	1,716.11
1/2	1/2	1/2	1/2	1/2	3,390.55	1/2	3,159.64	1/2	2,928.71	1/2	2,697.78	1/2	2,458.84	1/2	2,209.55	1/2	1,960.23	1/2	1,710.91
3/4	3/4	3/4	3/4	3/4	3,385.74	3/4	3,154.83	3/4	2,923.90	3/4	2,692.97	3/4	2,453.64	3/4	2,204.36	3/4	1,955.04	3/4	1,705.71
4		4		4	3,380.92	4	3,150.02	4	2,919.09	4	2,688.16	4	2,448.45	4	2,199.16	4	1,949.85	4	1,700.52
1/4	1/4	1/4	1/4	1/4	3,376.11	1/4	3,145.20	1/4	2,914.28	1/4	2,683.35	1/4	2,443.26	1/4	2,193.97	1/4	1,944.66	1/4	1,695.33
1/2	1/2	1/2	1/2	1/2	3,371.30	1/2	3,140.39	1/2	2,909.47	1/2	2,678.54	1/2	2,438.07	1/2	2,188.78	1/2	1,939.46	1/2	1,690.14
3/4	3/4	3/4	3/4	3/4	3,366.49	3/4	3,135.57	3/4	2,904.66	3/4	2,673.73	3/4	2,432.88	3/4	2,183.59	3/4	1,934.26	3/4	1,684.95
5		5		5	3,361.68	5	3,130.76	5	2,899.85	5	2,668.92	5	2,427.69	5	2,178.40	5	1,929.07	5	1,679.76
1/4	1/4	1/4	1/4	1/4	3,356.88	1/4	3,125.95	1/4	2,895.04	1/4	2,664.11	1/4	2,422.49	1/4	2,173.20	1/4	1,923.87	1/4	1,674.56
1/2	1/2	1/2	1/2	1/2	3,352.07	1/2	3,121.14	1/2	2,890.22	1/2	2,659.30	1/2	2,417.29	1/2	2,168.01	1/2	1,918.67	1/2	1,669.36
3/4	3/4	3/4	3/4	3/4	3,347.26	3/4	3,116.33	3/4	2,885.41	3/4	2,654.49	3/4	2,412.10	3/4	2,162.81	3/4	1,913.48	3/4	1,664.17
6		6		6	3,342.45	6	3,111.52	6	2,880.59	6	2,649.69	6	2,406.90	6	2,157.61	6	1,908.28	6	1,658.97
1/4	1/4	1/4	1/4	1/4	3,337.64	1/4	3,106.71	1/4	2,875.78	1/4	2,644.88	1/4	2,401.71	1/4	2,152.42	1/4	1,903.09	1/4	1,653.77
1/2	1/2	1/2	1/2	1/2	3,332.83	1/2	3,101.90	1/2	2,870.97	1/2	2,640.07	1/2	2,396.52	1/2	2,147.22	1/2	1,897.90	1/2	1,648.58
3/4	3/4	3/4	3/4	3/4	3,328.02	3/4	3,097.09	3/4	2,866.16	3/4	2,635.26	3/4	2,391.33	3/4	2,142.02	3/4	1,892.71	3/4	1,643.38
7		7	3,491.59	7	3,323.21	7	3,092.28	7	2,861.35	7	2,630.45	7	2,386.14	7	2,136.83	7	1,887.52	7	1,638.19
1/4	1/4	1/4	3,491.22	1/4	3,318.39	1/4	3,087.47	1/4	2,856.54	1/4	2,625.63	1/4	2,380.94	1/4	2,131.64	1/4	1,882.32	1/4	1,632.99
1/2	1/2	1/2	3,490.85	1/2	3,313.58	1/2	3,082.66	1/2	2,851.73	1/2	2,620.82	1/2	2,375.74	1/2	2,126.45	1/2	1,877.13	1/2	1,627.80
3/4	3/4	3/4	3,490.48	3/4	3,308.76	3/4	3,077.85	3/4	2,846.92	3/4	2,616.00	3/4	2,370.55	3/4	2,121.26	3/4	1,871.93	3/4	1,622.61
8		8	3,490.11	8	3,303.95	8	3,073.04	8	2,842.11	8	2,611.18	8	2,365.35	8	2,116.07	8	1,866.73	8	1,617.42
1/4	1/4	1/4	3,489.00	1/4	3,299.14	1/4	3,068.23	1/4	2,837.30	1/4	2,606.38	1/4	2,360.16	1/4	2,110.87	1/4	1,861.54	1/4	1,612.23
1/2	1/2	1/2	3,487.89	1/2	3,294.33	1/2	3,063.41	1/2	2,832.49	1/2	2,601.57	1/2	2,354.97	1/2	2,105.67	1/2	1,856.35	1/2	1,607.03
3/4	3/4	3/4	3,486.77	3/4	3,289.52	3/4	3,058.60	3/4	2,827.69	3/4	2,596.76	3/4	2,349.78	3/4	2,100.48	3/4	1,851.16	3/4	1,601.83
9		9	3,485.66	9	3,284.71	9	3,053.78	9	2,822.88	9	2,591.95	9	2,344.59	9	2,095.28	9	1,845.97	9	1,596.64
1/4	1/4	1/4	3,483.81	1/4	3,279.90	1/4	3,048.97	1/4	2,818.06	1/4	2,587.14	1/4	2,339.39	1/4	2,090.09	1/4	1,840.77	1/4	1,591.45
1/2	1/2	1/2	3,481.96	1/2	3,275.09	1/2	3,044.16	1/2	2,813.24	1/2	2,582.33	1/2	2,334.20	1/2	2,084.90	1/2	1,835.58	1/2	1,586.26
3/4	3/4	3/4	3,480.11	3/4	3,270.28	3/4	3,039.35	3/4	2,808.43	3/4	2,577.52	3/4	2,329.00	3/4	2,079.71	3/4	1,830.38	3/4	1,581.07
10		10	3,478.26	10	3,265.47	10	3,034.54	10	2,803.61	10	2,572.71	10	2,323.80	10	2,074.52	10	1,825.19	10	1,575.88
1/4	1/4	1/4	3,475.67	1/4	3,260.66	1/4	3,029.73	1/4	2,798.80	1/4	2,567.61	1/4	2,318.61	1/4	2,069.32	1/4	1,819.99	1/4	1,570.68
1/2	1/2	1/2	3,473.08	1/2	3,255.85	1/2	3,024.92	1/2	2,793.99	1/2	2,562.52	1/2	2,313.42	1/2	2,064.13	1/2	1,814.79	1/2	1,565.48
3/4	3/4	3/4	3,470.49	3/4	3,251.04	3/4	3,020.11	3/4	2,789.18	3/4	2,557.42	3/4	2,308.23	3/4	2,058.93	3/4	1,809.60	3/4	1,560.29
11		11	3,467.90	11	3,246.23	11	3,015.30	11	2,784.38	11	2,552.33	11	2,303.04	11	2,053.73	11	1,804.40	11	1,555.09
1/4	1/4	1/4	3,464.57	1/4	3,241.42	1/4	3,010.49	1/4	2,779.57	1/4	2,547.13	1/4	2,297.85	1/4	2,048.54	1/4	1,799.21	1/4	1,549.89
1/2	1/2	1/2	3,461.23	1/2	3,236.61	1/2	3,005.69	1/2	2,774.76	1/2	2,541.94	1/2	2,292.65	1/2	2,043.34	1/2	1,794.02	1/2	1,544.70
3/4	3/4	3/4	3,457.90	3/4	3,231.80	3/4	3,000.88	3/4	2,769.95	3/4	2,536.74	3/4	2,287.45	3/4	2,038.14	3/4	1,788.83	3/4	1,539.50

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN @ THE "UTI / MMC" VAPOR LOCK VALVE PIPE.  
 GAUGE POINT: (UTI / 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 18"

## 1 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1110 & KIRBY 10355"

GAUGE HEIGHT 16'-03 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	1,534.30	0	1,284.99	0	1,035.69	0	786.38	0	537.71	0	288.42	0	41.88	0		0		0	
1/4	1,529.11	1/4	1,279.80	1/4	1,030.49	1/4	781.19	1/4	532.52	1/4	283.23	1/4	37.47	1/4		1/4		1/4	
1/2	1,523.92	1/2	1,274.61	1/2	1,025.30	1/2	775.99	1/2	527.33	1/2	278.04	1/2	33.07	1/2		1/2		1/2	
3/4	1,518.73	3/4	1,269.42	3/4	1,020.11	3/4	770.80	3/4	522.14	3/4	272.85	3/4	28.66	3/4		3/4		3/4	
1	1,513.54	1	1,264.23	1	1,014.92	1	765.61	1	516.95	1	267.66	1	24.26	1		1		1	
1/4	1,508.35	1/4	1,259.04	1/4	1,009.73	1/4	760.42	1/4	511.75	1/4	262.46	1/4	20.90	1/4		1/4		1/4	
1/2	1,503.15	1/2	1,253.84	1/2	1,004.53	1/2	755.22	1/2	506.55	1/2	257.27	1/2	17.54	1/2		1/2		1/2	
3/4	1,497.95	3/4	1,248.64	3/4	999.33	3/4	750.02	3/4	501.36	3/4	252.07	3/4	14.19	3/4		3/4		3/4	
2	1,492.76	2	1,243.45	2	994.14	2	744.83	2	496.16	2	246.88	2	10.83	2		2		2	
1/4	1,487.57	1/4	1,238.26	1/4	988.94	1/4	739.65	1/4	490.97	1/4	241.69	1/4	8.91	1/4		1/4		1/4	
1/2	1,482.38	1/2	1,233.07	1/2	983.74	1/2	734.47	1/2	485.78	1/2	236.49	1/2	6.98	1/2		1/2		1/2	
3/4	1,477.18	3/4	1,227.88	3/4	978.55	3/4	729.29	3/4	480.59	3/4	231.30	3/4	5.06	3/4		3/4		3/4	
3	1,471.99	3	1,222.68	3	973.35	3	724.11	3	475.40	3	226.11	3	3.14	3		3		3	
1/4	1,466.80	1/4	1,217.49	1/4	968.16	1/4	718.94	1/4	470.15	1/4	220.92	1/4	2.51	1/4		1/4		1/4	
1/2	1,461.60	1/2	1,212.29	1/2	962.97	1/2	713.76	1/2	464.90	1/2	215.72	1/2	1.88	1/2		1/2		1/2	
3/4	1,456.41	3/4	1,207.10	3/4	957.78	3/4	708.58	3/4	459.65	3/4	210.52	3/4	1.24	3/4		3/4		3/4	
4	1,451.21	4	1,201.90	4	952.59	4	703.40	4	454.40	4	205.33	4		4		4		4	
1/4	1,446.01	1/4	1,196.70	1/4	947.39	1/4	698.22	1/4	449.26	1/4	200.14	1/4		1/4		1/4		1/4	
1/2	1,440.82	1/2	1,191.51	1/2	942.20	1/2	693.04	1/2	444.13	1/2	194.95	1/2		1/2		1/2		1/2	
3/4	1,435.62	3/4	1,186.31	3/4	937.00	3/4	687.86	3/4	438.99	3/4	189.76	3/4		3/4		3/4		3/4	
5	1,430.42	5	1,181.11	5	931.80	5	682.69	5	433.85	5	184.57	5		5		5		5	
1/4	1,425.23	1/4	1,175.92	1/4	926.61	1/4	677.51	1/4	428.66	1/4	179.37	1/4		1/4		1/4		1/4	
1/2	1,420.04	1/2	1,170.73	1/2	921.42	1/2	672.34	1/2	423.47	1/2	174.17	1/2		1/2		1/2		1/2	
3/4	1,414.85	3/4	1,165.54	3/4	916.23	3/4	667.17	3/4	418.28	3/4	168.98	3/4		3/4		3/4		3/4	
6	1,409.66	6	1,160.35	6	911.04	6	662.00	6	413.09	6	163.78	6		6		6		6	
1/4	1,404.46	1/4	1,155.16	1/4	905.85	1/4	656.82	1/4	407.89	1/4	158.59	1/4		1/4		1/4		1/4	
1/2	1,399.27	1/2	1,149.96	1/2	900.65	1/2	651.64	1/2	402.70	1/2	153.40	1/2		1/2		1/2		1/2	
3/4	1,394.07	3/4	1,144.76	3/4	895.45	3/4	646.46	3/4	397.50	3/4	148.21	3/4		3/4		3/4		3/4	
7	1,388.88	7	1,139.57	7	890.26	7	641.28	7	392.30	7	143.02	7		7		7		7	
1/4	1,383.69	1/4	1,134.38	1/4	885.06	1/4	636.10	1/4	387.11	1/4	137.82	1/4		1/4		1/4		1/4	
1/2	1,378.49	1/2	1,129.19	1/2	879.86	1/2	630.92	1/2	381.91	1/2	132.63	1/2		1/2		1/2		1/2	
3/4	1,373.30	3/4	1,123.99	3/4	874.67	3/4	625.75	3/4	376.71	3/4	127.43	3/4		3/4		3/4		3/4	
8	1,368.11	8	1,118.80	8	869.47	8	620.57	8	371.52	8	122.23	8		8		8		8	
1/4	1,362.92	1/4	1,113.61	1/4	864.28	1/4	615.39	1/4	366.33	1/4	117.04	1/4		1/4		1/4		1/4	
1/2	1,357.72	1/2	1,108.41	1/2	859.09	1/2	610.21	1/2	361.14	1/2	111.84	1/2		1/2		1/2		1/2	
3/4	1,352.52	3/4	1,103.21	3/4	853.90	3/4	605.03	3/4	355.95	3/4	106.64	3/4		3/4		3/4		3/4	
9	1,347.33	9	1,098.02	9	848.71	9	599.85	9	350.76	9	101.45	9		9		9		9	
1/4	1,342.14	1/4	1,092.82	1/4	843.51	1/4	594.67	1/4	345.56	1/4	96.29	1/4		1/4		1/4		1/4	
1/2	1,336.95	1/2	1,087.63	1/2	838.32	1/2	589.49	1/2	340.36	1/2	91.14	1/2		1/2		1/2		1/2	
3/4	1,331.76	3/4	1,082.43	3/4	833.12	3/4	584.32	3/4	335.17	3/4	85.98	3/4		3/4		3/4		3/4	
10	1,326.57	10	1,077.23	10	827.92	10	579.14	10	329.97	10	80.83	10		10		10		10	
1/4	1,321.37	1/4	1,072.04	1/4	822.73	1/4	573.96	1/4	324.78	1/4	75.82	1/4		1/4		1/4		1/4	
1/2	1,316.17	1/2	1,066.85	1/2	817.54	1/2	568.79	1/2	319.59	1/2	70.82	1/2		1/2		1/2		1/2	
3/4	1,310.98	3/4	1,061.66	3/4	812.35	3/4	563.62	3/4	314.40	3/4	65.81	3/4		3/4		3/4		3/4	
11	1,305.78	11	1,056.47	11	807.16	11	558.45	11	309.21	11	60.80	11		11		11		11	
1/4	1,300.58	1/4	1,051.27	1/4	801.96	1/4	553.26	1/4	304.01	1/4	56.07	1/4		1/4		1/4		1/4	
1/2	1,295.39	1/2	1,046.08	1/2	796.77	1/2	548.08	1/2	298.82	1/2	51.34	1/2		1/2		1/2		1/2	
3/4	1,290.19	3/4	1,040.88	3/4	791.57	3/4	542.89	3/4	293.62	3/4	46.61	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 05/2015

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