



# BARGE "CBC 16"

## ULLAGE TRIM TABLE

FORMERLY "GBL 910 & KIRBY 10353"

	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	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-0/8	01-0/8
2 CENTER	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/8	- 02-1/8
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 2 CENTER IS - 00-3/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 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 16"

## 3 CENTER ULLAGE TABLE

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

FORMERLY "GBL910 & KIRBY 10353"

GAUGE HEIGHT 16'-04 1/2 "

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	3,552.38	0	3,304.57	0	3,054.58	0	2,804.60	0	2,554.63	0	2,304.67	0	2,054.69	0	1,804.70	
1/4	1/4	1/4	1/4	1/4	3,547.99	1/4	3,299.37	1/4	3,049.37	1/4	2,799.39	1/4	2,549.42	1/4	2,299.46	1/4	2,049.49	1/4	1,799.49	
1/2	1/2	1/2	1/2	1/2	3,543.60	1/2	3,294.16	1/2	3,044.16	1/2	2,794.18	1/2	2,544.21	1/2	2,294.26	1/2	2,044.28	1/2	1,794.28	
3/4	3/4	3/4	3/4	3/4	3,539.21	3/4	3,288.95	3/4	3,038.95	3/4	2,788.98	3/4	2,539.00	3/4	2,289.05	3/4	2,039.07	3/4	1,789.07	
1		1		1	3,533.94	1	3,283.74	1	3,033.74	1	2,783.77	1	2,533.79	1	2,283.84	1	2,033.86	1	1,783.86	
1/4	1/4	1/4	1/4	1/4	3,528.66	1/4	3,278.53	1/4	3,028.53	1/4	2,778.56	1/4	2,528.58	1/4	2,278.63	1/4	2,028.65	1/4	1,778.65	
1/2	1/2	1/2	1/2	1/2	3,523.39	1/2	3,273.32	1/2	3,023.33	1/2	2,773.35	1/2	2,523.38	1/2	2,273.42	1/2	2,023.44	1/2	1,773.45	
3/4	3/4	3/4	3/4	3/4	3,518.12	3/4	3,268.12	3/4	3,018.12	3/4	2,768.14	3/4	2,518.17	3/4	2,268.21	3/4	2,018.24	3/4	1,768.24	
2		2		2	3,512.91	2	3,262.91	2	3,012.91	2	2,762.93	2	2,512.96	2	2,263.01	2	2,013.03	2	1,763.03	
1/4	1/4	1/4	1/4	1/4	3,507.70	1/4	3,257.70	1/4	3,007.70	1/4	2,757.73	1/4	2,507.76	1/4	2,257.80	1/4	2,007.82	1/4	1,757.82	
1/2	1/2	1/2	1/2	1/2	3,502.49	1/2	3,252.49	1/2	3,002.49	1/2	2,752.52	1/2	2,502.56	1/2	2,252.59	1/2	2,002.61	1/2	1,752.61	
3/4	3/4	3/4	3/4	3/4	3,497.28	3/4	3,247.28	3/4	2,997.29	3/4	2,747.31	3/4	2,497.36	3/4	2,247.38	3/4	1,997.40	3/4	1,747.40	
3		3		3	3,492.07	3	3,242.08	3	2,992.08	3	2,742.10	3	2,492.15	3	2,242.17	3	1,992.19	3	1,742.20	
1/4	1/4	1/4	1/4	1/4	3,486.87	1/4	3,236.87	1/4	2,986.87	1/4	2,736.89	1/4	2,486.94	1/4	2,236.96	1/4	1,986.99	1/4	1,736.99	
1/2	1/2	1/2	1/2	1/2	3,481.66	1/2	3,231.66	1/2	2,981.66	1/2	2,731.68	1/2	2,481.73	1/2	2,231.76	1/2	1,981.78	1/2	1,731.78	
3/4	3/4	3/4	3/4	3/4	3,476.45	3/4	3,226.45	3/4	2,976.45	3/4	2,726.48	3/4	2,476.52	3/4	2,226.55	3/4	1,976.57	3/4	1,726.57	
4		4		4	3,471.24	4	3,221.24	4	2,971.24	4	2,721.27	4	2,471.32	4	2,221.34	4	1,971.36	4	1,721.36	
1/4	1/4	1/4	1/4	1/4	3,466.03	1/4	3,216.03	1/4	2,966.04	1/4	2,716.06	1/4	2,466.11	1/4	2,216.13	1/4	1,966.15	1/4	1,716.15	
1/2	1/2	1/2	1/2	1/2	3,460.82	1/2	3,210.83	1/2	2,960.83	1/2	2,710.85	1/2	2,460.90	1/2	2,210.92	1/2	1,960.94	1/2	1,710.95	
3/4	3/4	3/4	3/4	3/4	3,455.62	3/4	3,205.62	3/4	2,955.62	3/4	2,705.64	3/4	2,455.69	3/4	2,205.71	3/4	1,955.74	3/4	1,705.74	
5		5		5	3,450.41	5	3,200.41	5	2,950.41	5	2,700.43	5	2,450.48	5	2,200.51	5	1,950.53	5	1,700.53	
1/4	1/4	1/4	1/4	1/4	3,445.20	1/4	3,195.20	1/4	2,945.20	1/4	2,695.23	1/4	2,445.27	1/4	2,195.31	1/4	1,945.32	1/4	1,695.32	
1/2	1/2	1/2	1/2	1/2	3,439.99	1/2	3,189.99	1/2	2,939.99	1/2	2,690.02	1/2	2,440.07	1/2	2,190.11	1/2	1,940.11	1/2	1,690.11	
3/4	3/4	3/4	3/4	3/4	3,434.78	3/4	3,184.78	3/4	2,934.79	3/4	2,684.81	3/4	2,434.86	3/4	2,184.90	3/4	1,934.90	3/4	1,684.91	
6		6		6	3,429.57	6	3,179.58	6	2,929.58	6	2,679.60	6	2,429.65	6	2,179.69	6	1,929.70	6	1,679.70	
1/4	1/4	1/4	1/4	1/4	3,424.37	1/4	3,174.37	1/4	2,924.37	1/4	2,674.39	1/4	2,424.44	1/4	2,174.49	1/4	1,924.49	1/4	1,674.49	
1/2	1/2	1/2	1/2	1/2	3,419.16	1/2	3,169.16	1/2	2,919.16	1/2	2,669.18	1/2	2,419.23	1/2	2,169.28	1/2	1,919.28	1/2	1,669.28	
3/4	3/4	3/4	3/4	3/4	3,413.95	3/4	3,163.95	3/4	2,913.95	3/4	2,663.98	3/4	2,414.02	3/4	2,164.07	3/4	1,914.07	3/4	1,664.07	
7		7		7	3,408.74	7	3,158.74	7	2,908.74	7	2,658.77	7	2,408.82	7	2,158.86	7	1,908.86	7	1,658.86	
1/4	1/4	1/4	1/4	1/4	3,403.53	1/4	3,153.53	1/4	2,903.54	1/4	2,653.57	1/4	2,403.61	1/4	2,153.65	1/4	1,903.65	1/4	1,653.66	
1/2	1/2	1/2	1/2	1/2	3,398.32	1/2	3,148.33	1/2	2,898.33	1/2	2,648.37	1/2	2,398.40	1/2	2,148.44	1/2	1,898.45	1/2	1,648.45	
3/4	3/4	3/4	3/4	3/4	3,393.12	3/4	3,143.12	3/4	2,893.12	3/4	2,643.17	3/4	2,393.19	3/4	2,143.24	3/4	1,893.24	3/4	1,643.24	
8	1/4	3,585.81		8	3,387.91	8	3,137.91	8	2,887.91	8	2,637.96	8	2,387.98	8	2,138.03	8	1,888.03	8	1,638.04	
1/4	1/4	3,585.43	1/4	1/4	3,382.70	1/4	3,132.70	1/4	2,882.70	1/4	2,632.75	1/4	2,382.77	1/4	2,132.82	1/4	1,882.82	1/4	1,632.83	
1/2	1/2	3,585.05	1/2	1/2	3,377.49	1/2	3,127.49	1/2	2,877.49	1/2	2,627.54	1/2	2,377.57	1/2	2,127.61	1/2	1,877.61	1/2	1,627.63	
3/4	3/4	3,584.67	3/4	3/4	3,372.28	3/4	3,122.28	3/4	2,872.29	3/4	2,622.33	3/4	2,372.36	3/4	2,122.40	3/4	1,872.40	3/4	1,622.43	
9		9	3,583.38		9	3,367.07	9	3,117.08	9	2,867.08	9	2,617.12	9	2,367.15	9	2,117.19	9	1,867.20	9	1,617.22
1/4	1/4	3,582.08	1/4	1/4	3,361.87	1/4	3,111.87	1/4	2,861.87	1/4	2,611.92	1/4	2,361.94	1/4	2,111.99	1/4	1,861.99	1/4	1,612.01	
1/2	1/2	3,580.79	1/2	1/2	3,356.66	1/2	3,106.66	1/2	2,856.66	1/2	2,606.71	1/2	2,356.73	1/2	2,106.78	1/2	1,856.78	1/2	1,606.80	
3/4	3/4	3,579.50	3/4	3/4	3,351.45	3/4	3,101.45	3/4	2,851.45	3/4	2,601.50	3/4	2,351.52	3/4	2,101.57	3/4	1,851.57	3/4	1,601.59	
10		10	3,577.17		10	3,346.24	10	3,096.24	10	2,846.24	10	2,596.29	10	2,346.32	10	2,096.36	10	1,846.36	10	1,596.39
1/4	1/4	3,574.85	1/4	1/4	3,341.03	1/4	3,091.03	1/4	2,841.04	1/4	2,591.08	1/4	2,341.12	1/4	2,091.15	1/4	1,841.15	1/4	1,591.18	
1/2	1/2	3,572.52	1/2	1/2	3,335.82	1/2	3,085.83	1/2	2,835.83	1/2	2,585.87	1/2	2,335.92	1/2	2,085.94	1/2	1,835.95	1/2	1,585.97	
3/4	3/4	3,570.19	3/4	3/4	3,330.62	3/4	3,080.62	3/4	2,830.62	3/4	2,580.67	3/4	2,330.71	3/4	2,080.74	3/4	1,830.74	3/4	1,580.76	
11		11	3,566.83		11	3,325.41	11	3,075.41	11	2,825.42	11	2,575.46	11	2,325.51	11	2,075.53	11	1,825.53	11	1,575.55
1/4	1/4	3,563.48	1/4	1/4	3,320.20	1/4	3,070.20	1/4	2,820.21	1/4	2,570.25	1/4	2,320.30	1/4	2,070.32	1/4	1,820.32	1/4	1,570.34	
1/2	1/2	3,560.12	1/2	1/2	3,314.99	1/2	3,064.99	1/2	2,815.01	1/2	2,565.04	1/2	2,315.09	1/2	2,065.11	1/2	1,815.11	1/2	1,565.14	
3/4	3/4	3,556.76	3/4	3/4	3,309.78	3/4	3,059.78	3/4	2,809.81	3/4	2,559.83	3/4	2,309.88	3/4	2,059.90	3/4	1,809.90	3/4	1,559.93	

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 27'-09" 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.  
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# BARGE "CBC 16"

## 3 CENTER ULLAGE TABLE

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

FORMERLY "GBL 910 & KIRBY 10353"

GAUGE HEIGHT 16'-04 1/2"

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	1,554.72	0	1,304.69	0	1,054.69	0	804.70	0	554.75	0	304.81	0	56.20	0		0		0	
1/4	1,549.51	1/4	1,299.48	1/4	1,049.49	1/4	799.49	1/4	549.55	1/4	299.61	1/4	51.45	1/4		1/4		1/4	
1/2	1,544.30	1/2	1,294.28	1/2	1,044.28	1/2	794.28	1/2	544.35	1/2	294.40	1/2	46.70	1/2		1/2		1/2	
3/4	1,539.10	3/4	1,289.07	3/4	1,039.07	3/4	789.07	3/4	539.14	3/4	289.19	3/4	41.95	3/4		3/4		3/4	
1	1,533.89	1	1,283.86	1	1,033.86	1	783.86	1	533.93	1	283.98	1	37.54	1		1		1	
1/4	1,528.68	1/4	1,278.65	1/4	1,028.65	1/4	778.65	1/4	528.73	1/4	278.77	1/4	33.12	1/4		1/4		1/4	
1/2	1,523.47	1/2	1,273.44	1/2	1,023.44	1/2	773.45	1/2	523.52	1/2	273.56	1/2	28.70	1/2		1/2		1/2	
3/4	1,518.26	3/4	1,268.24	3/4	1,018.24	3/4	768.24	3/4	518.31	3/4	268.36	3/4	24.29	3/4		3/4		3/4	
2	1,513.05	2	1,263.03	2	1,013.03	2	763.03	2	513.10	2	263.15	2	20.93	2		2		2	
1/4	1,507.85	1/4	1,257.82	1/4	1,007.82	1/4	757.82	1/4	507.89	1/4	257.94	1/4	17.57	1/4		1/4		1/4	
1/2	1,502.64	1/2	1,252.61	1/2	1,002.61	1/2	752.61	1/2	502.68	1/2	252.73	1/2	14.21	1/2		1/2		1/2	
3/4	1,497.43	3/4	1,247.40	3/4	997.40	3/4	747.41	3/4	497.48	3/4	247.52	3/4	10.86	3/4		3/4		3/4	
3	1,492.22	3	1,242.19	3	992.20	3	742.20	3	492.27	3	242.32	3	8.92	3		3		3	
1/4	1,487.01	1/4	1,236.99	1/4	986.99	1/4	736.99	1/4	487.06	1/4	237.11	1/4	6.99	1/4		1/4		1/4	
1/2	1,481.80	1/2	1,231.78	1/2	981.78	1/2	731.78	1/2	481.85	1/2	231.90	1/2	5.05	1/2		1/2		1/2	
3/4	1,476.60	3/4	1,226.57	3/4	976.57	3/4	726.57	3/4	476.64	3/4	226.69	3/4	3.12	3/4		3/4		3/4	
4	1,471.39	4	1,221.36	4	971.36	4	721.37	4	471.44	4	221.48	4	2.49	4		4		4	
1/4	1,466.18	1/4	1,216.15	1/4	966.15	1/4	716.17	1/4	466.24	1/4	216.27	1/4	1.87	1/4		1/4		1/4	
1/2	1,460.97	1/2	1,210.94	1/2	960.95	1/2	710.96	1/2	461.04	1/2	211.07	1/2	1.24	1/2		1/2		1/2	
3/4	1,455.76	3/4	1,205.74	3/4	955.74	3/4	705.76	3/4	455.83	3/4	205.86	3/4		3/4		3/4		3/4	
5	1,450.55	5	1,200.53	5	950.53	5	700.55	5	450.62	5	200.65	5		5		5		5	
1/4	1,445.35	1/4	1,195.32	1/4	945.32	1/4	695.35	1/4	445.42	1/4	195.44	1/4		1/4		1/4		1/4	
1/2	1,440.14	1/2	1,190.11	1/2	940.11	1/2	690.14	1/2	440.21	1/2	190.23	1/2		1/2		1/2		1/2	
3/4	1,434.93	3/4	1,184.90	3/4	934.90	3/4	684.93	3/4	435.00	3/4	185.02	3/4		3/4		3/4		3/4	
6	1,429.71	6	1,179.69	6	929.70	6	679.72	6	429.79	6	179.82	6		6		6		6	
1/4	1,424.50	1/4	1,174.49	1/4	924.49	1/4	674.51	1/4	424.58	1/4	174.61	1/4		1/4		1/4		1/4	
1/2	1,419.28	1/2	1,169.28	1/2	919.28	1/2	669.30	1/2	419.37	1/2	169.40	1/2		1/2		1/2		1/2	
3/4	1,414.07	3/4	1,164.07	3/4	914.07	3/4	664.10	3/4	414.17	3/4	164.19	3/4		3/4		3/4		3/4	
7	1,408.86	7	1,158.86	7	908.86	7	658.89	7	408.96	7	158.98	7		7		7		7	
1/4	1,403.65	1/4	1,153.65	1/4	903.65	1/4	653.68	1/4	403.75	1/4	153.77	1/4		1/4		1/4		1/4	
1/2	1,398.44	1/2	1,148.44	1/2	898.45	1/2	648.47	1/2	398.54	1/2	148.57	1/2		1/2		1/2		1/2	
3/4	1,393.23	3/4	1,143.24	3/4	893.24	3/4	643.26	3/4	393.33	3/4	143.36	3/4		3/4		3/4		3/4	
8	1,388.03	8	1,138.03	8	888.03	8	638.06	8	388.13	8	138.16	8		8		8		8	
1/4	1,382.82	1/4	1,132.82	1/4	882.82	1/4	632.86	1/4	382.92	1/4	132.95	1/4		1/4		1/4		1/4	
1/2	1,377.61	1/2	1,127.61	1/2	877.61	1/2	627.65	1/2	377.71	1/2	127.75	1/2		1/2		1/2		1/2	
3/4	1,372.40	3/4	1,122.40	3/4	872.40	3/4	622.45	3/4	372.50	3/4	122.55	3/4		3/4		3/4		3/4	
9	1,367.19	9	1,117.19	9	867.20	9	617.24	9	367.29	9	117.34	9		9		9		9	
1/4	1,361.98	1/4	1,111.99	1/4	861.99	1/4	612.04	1/4	362.08	1/4	112.13	1/4		1/4		1/4		1/4	
1/2	1,356.78	1/2	1,106.78	1/2	856.78	1/2	606.83	1/2	356.88	1/2	106.92	1/2		1/2		1/2		1/2	
3/4	1,351.57	3/4	1,101.57	3/4	851.57	3/4	601.62	3/4	351.67	3/4	101.71	3/4		3/4		3/4		3/4	
10	1,346.36	10	1,096.36	10	846.36	10	596.41	10	346.46	10	96.54	10		10		10		10	
1/4	1,341.15	1/4	1,091.15	1/4	841.15	1/4	591.20	1/4	341.25	1/4	91.37	1/4		1/4		1/4		1/4	
1/2	1,335.94	1/2	1,085.94	1/2	835.95	1/2	585.99	1/2	336.04	1/2	86.20	1/2		1/2		1/2		1/2	
3/4	1,330.73	3/4	1,080.74	3/4	830.74	3/4	580.79	3/4	330.83	3/4	81.02	3/4		3/4		3/4		3/4	
11	1,325.53	11	1,075.53	11	825.53	11	575.58	11	325.63	11	76.01	11		11		11		11	
1/4	1,320.32	1/4	1,070.32	1/4	820.32	1/4	570.37	1/4	320.43	1/4	70.99	1/4		1/4		1/4		1/4	
1/2	1,315.11	1/2	1,065.11	1/2	815.11	1/2	565.16	1/2	315.23	1/2	65.97	1/2		1/2		1/2		1/2	
3/4	1,309.90	3/4	1,059.90	3/4	809.90	3/4	559.95	3/4	310.02	3/4	60.95	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/28/1997 ITS  
REPRINTED: 05/26/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CBC 16"

## 2 CENTER ULLAGE TABLE

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

FORMERLY "GBL 910 & KIRBY 10353"

GAUGE HEIGHT 16'-05"

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	3,561.40	0	3,318.38	0	3,068.07	0	2,817.78	0	2,567.52	0	2,317.24	0	2,066.95	0	1,816.66
1/4	1/4	1/4	1/4	1/4	3,558.14	1/4	3,313.16	1/4	3,062.86	1/4	2,812.57	1/4	2,562.31	1/4	2,312.02	1/4	2,061.74	1/4	1,811.45
1/2	1/2	1/2	1/2	1/2	3,554.02	1/2	3,307.95	1/2	3,057.64	1/2	2,807.36	1/2	2,557.09	1/2	2,306.81	1/2	2,056.52	1/2	1,806.24
3/4	3/4	3/4	3/4	3/4	3,549.89	3/4	3,302.74	3/4	3,052.43	3/4	2,802.14	3/4	2,551.88	3/4	2,301.59	3/4	2,051.31	3/4	1,801.02
1		1		1	3,545.77	1	3,297.52	1	3,047.21	1	2,796.93	1	2,546.67	1	2,296.38	1	2,046.09	1	1,795.81
1/4	1/4	1/4	1/4	1/4	3,541.64	1/4	3,292.31	1/4	3,042.00	1/4	2,791.71	1/4	2,541.45	1/4	2,291.17	1/4	2,040.88	1/4	1,790.59
1/2	1/2	1/2	1/2	1/2	3,536.67	1/2	3,287.09	1/2	3,036.78	1/2	2,786.50	1/2	2,536.24	1/2	2,285.95	1/2	2,035.66	1/2	1,785.37
3/4	3/4	3/4	3/4	3/4	3,531.70	3/4	3,281.88	3/4	3,031.57	3/4	2,781.28	3/4	2,531.02	3/4	2,280.74	3/4	2,030.45	3/4	1,780.15
2		2		2	3,526.73	2	3,276.66	2	3,026.36	2	2,776.07	2	2,525.81	2	2,275.52	2	2,025.24	2	1,774.93
1/4	1/4	1/4	1/4	1/4	3,521.76	1/4	3,271.45	1/4	3,021.14	1/4	2,770.86	1/4	2,520.59	1/4	2,270.31	1/4	2,020.02	1/4	1,769.71
1/2	1/2	1/2	1/2	1/2	3,516.55	1/2	3,266.24	1/2	3,015.93	1/2	2,765.64	1/2	2,515.38	1/2	2,265.09	1/2	2,014.81	1/2	1,764.50
3/4	3/4	3/4	3/4	3/4	3,511.33	3/4	3,261.02	3/4	3,010.71	3/4	2,760.43	3/4	2,510.17	3/4	2,259.88	3/4	2,009.59	3/4	1,759.28
3		3		3	3,506.12	3	3,255.81	3	3,005.50	3	2,755.21	3	2,504.95	3	2,254.67	3	2,004.38	3	1,754.07
1/4	1/4	1/4	1/4	1/4	3,500.90	1/4	3,250.59	1/4	3,000.28	1/4	2,750.00	1/4	2,499.74	1/4	2,249.45	1/4	1,999.16	1/4	1,748.86
1/2	1/2	1/2	1/2	1/2	3,495.69	1/2	3,245.38	1/2	2,995.07	1/2	2,744.78	1/2	2,494.52	1/2	2,244.24	1/2	1,993.95	1/2	1,743.64
3/4	3/4	3/4	3/4	3/4	3,490.47	3/4	3,240.16	3/4	2,989.86	3/4	2,739.57	3/4	2,489.31	3/4	2,239.02	3/4	1,988.74	3/4	1,738.43
4		4		4	3,485.26	4	3,234.95	4	2,984.64	4	2,734.36	4	2,484.09	4	2,233.81	4	1,983.52	4	1,733.21
1/4	1/4	1/4	1/4	1/4	3,480.05	1/4	3,229.74	1/4	2,979.43	1/4	2,729.14	1/4	2,478.88	1/4	2,228.59	1/4	1,978.31	1/4	1,728.00
1/2	1/2	1/2	1/2	1/2	3,474.83	1/2	3,224.52	1/2	2,974.21	1/2	2,723.93	1/2	2,473.67	1/2	2,223.38	1/2	1,973.09	1/2	1,722.78
3/4	3/4	3/4	3/4	3/4	3,469.62	3/4	3,219.31	3/4	2,969.00	3/4	2,718.71	3/4	2,468.45	3/4	2,218.17	3/4	1,967.88	3/4	1,717.57
5		5		5	3,464.40	5	3,214.09	5	2,963.78	5	2,713.50	5	2,463.24	5	2,212.95	5	1,962.66	5	1,712.36
1/4	1/4	1/4	1/4	1/4	3,459.19	1/4	3,208.88	1/4	2,958.57	1/4	2,708.28	1/4	2,458.02	1/4	2,207.74	1/4	1,957.45	1/4	1,707.14
1/2	1/2	1/2	1/2	1/2	3,453.97	1/2	3,203.66	1/2	2,953.36	1/2	2,703.07	1/2	2,452.81	1/2	2,202.52	1/2	1,952.24	1/2	1,701.93
3/4	3/4	3/4	3/4	3/4	3,448.76	3/4	3,198.45	3/4	2,948.14	3/4	2,697.85	3/4	2,447.59	3/4	2,197.31	3/4	1,947.02	3/4	1,696.71
6		6		6	3,443.55	6	3,193.24	6	2,942.93	6	2,692.64	6	2,442.38	6	2,192.09	6	1,941.81	6	1,691.50
1/4	1/4	1/4	1/4	1/4	3,438.33	1/4	3,188.02	1/4	2,937.71	1/4	2,687.43	1/4	2,437.17	1/4	2,186.88	1/4	1,936.59	1/4	1,686.28
1/2	1/2	1/2	1/2	1/2	3,433.11	1/2	3,182.80	1/2	2,932.50	1/2	2,682.21	1/2	2,431.95	1/2	2,181.67	1/2	1,931.38	1/2	1,681.07
3/4	3/4	3/4	3/4	3/4	3,427.89	3/4	3,177.58	3/4	2,927.28	3/4	2,677.00	3/4	2,426.74	3/4	2,176.45	3/4	1,926.16	3/4	1,675.85
7		7		7	3,422.67	7	3,172.36	7	2,922.07	7	2,671.78	7	2,421.52	7	2,171.24	7	1,920.95	7	1,670.64
1/4	1/4	1/4	1/4	1/4	3,417.45	1/4	3,167.14	1/4	2,916.86	1/4	2,666.57	1/4	2,416.31	1/4	2,166.02	1/4	1,915.74	1/4	1,665.43
1/2	1/2	1/2	1/2	1/2	3,412.24	1/2	3,161.93	1/2	2,911.64	1/2	2,661.35	1/2	2,411.09	1/2	2,160.81	1/2	1,910.52	1/2	1,660.21
3/4	3/4	3/4	3/4	3/4	3,407.02	3/4	3,156.71	3/4	2,906.43	3/4	2,656.14	3/4	2,405.88	3/4	2,155.59	3/4	1,905.31	3/4	1,655.00
8		8		8	3,401.81	8	3,151.50	8	2,901.21	8	2,650.93	8	2,400.67	8	2,150.38	8	1,900.09	8	1,649.78
1/4	1/4	1/4	1/4	1/4	3,589.45	1/4	3,396.59	1/4	3,146.28	1/4	2,896.00	1/4	2,645.71	1/4	2,395.45	1/4	2,145.17	1/4	1,894.88
1/2	1/2	1/2	1/2	1/2	3,588.80	1/2	3,391.38	1/2	3,141.07	1/2	2,890.78	1/2	2,640.50	1/2	2,390.24	1/2	2,139.95	1/2	1,889.66
3/4	3/4	3/4	3/4	3/4	3,588.14	3/4	3,386.16	3/4	3,135.86	3/4	2,885.57	3/4	2,635.28	3/4	2,385.02	3/4	2,134.74	3/4	1,884.45
9		9		9	3,587.49	9	3,380.95	9	3,130.64	9	2,880.36	9	2,630.07	9	2,379.81	9	2,129.52	9	1,879.24
1/4	1/4	1/4	1/4	1/4	3,586.83	1/4	3,375.74	1/4	3,125.43	1/4	2,875.14	1/4	2,624.85	1/4	2,374.59	1/4	2,124.31	1/4	1,874.02
1/2	1/2	1/2	1/2	1/2	3,585.31	1/2	3,370.52	1/2	3,120.21	1/2	2,869.93	1/2	2,619.64	1/2	2,369.38	1/2	2,119.09	1/2	1,868.81
3/4	3/4	3/4	3/4	3/4	3,583.80	3/4	3,365.31	3/4	3,115.00	3/4	2,864.71	3/4	2,614.43	3/4	2,364.17	3/4	2,113.88	3/4	1,863.59
10		10		10	3,582.28	10	3,360.09	10	3,109.78	10	2,859.50	10	2,609.21	10	2,358.95	10	2,108.67	10	1,858.38
1/4	1/4	1/4	1/4	1/4	3,580.76	1/4	3,354.88	1/4	3,104.57	1/4	2,854.28	1/4	2,604.00	1/4	2,353.74	1/4	2,103.45	1/4	1,853.16
1/2	1/2	1/2	1/2	1/2	3,578.37	1/2	3,349.66	1/2	3,099.36	1/2	2,849.07	1/2	2,598.78	1/2	2,348.52	1/2	2,098.24	1/2	1,847.95
3/4	3/4	3/4	3/4	3/4	3,575.97	3/4	3,344.45	3/4	3,094.14	3/4	2,843.86	3/4	2,593.57	3/4	2,343.31	3/4	2,093.02	3/4	1,842.74
11		11		11	3,573.58	11	3,339.24	11	3,088.93	11	2,838.64	11	2,588.35	11	2,338.09	11	2,087.81	11	1,837.52
1/4	1/4	1/4	1/4	1/4	3,571.19	1/4	3,334.02	1/4	3,083.71	1/4	2,833.43	1/4	2,583.14	1/4	2,332.88	1/4	2,082.59	1/4	1,832.31
1/2	1/2	1/2	1/2	1/2	3,567.93	1/2	3,328.81	1/2	3,078.50	1/2	2,828.21	1/2	2,577.93	1/2	2,327.67	1/2	2,077.38	1/2	1,827.09
3/4	3/4	3/4	3/4	3/4	3,564.66	3/4	3,323.59	3/4	3,073.28	3/4	2,823.00	3/4	2,572.72	3/4	2,322.45	3/4	2,072.16	3/4	1,821.88

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'-06" 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 16"

## 2 CENTER ULLAGE TABLE

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

FORMERLY "GBL 910 & KIRBY 10353"

GAUGE HEIGHT 16'-05"

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	1,566.35	0	1,316.05	0	1,065.74	0	815.43	0	565.79	0	315.62	0	66.07	0		0		0	
1/4	1,561.14	1/4	1,310.83	1/4	1,060.52	1/4	810.21	1/4	560.59	1/4	310.40	1/4	61.05	1/4		1/4		1/4	
1/2	1,555.93	1/2	1,305.62	1/2	1,055.31	1/2	804.99	1/2	555.40	1/2	305.19	1/2	56.29	1/2		1/2		1/2	
3/4	1,550.71	3/4	1,300.40	3/4	1,050.09	3/4	799.77	3/4	550.20	3/4	299.97	3/4	51.53	3/4		3/4		3/4	
1	1,545.50	1	1,295.19	1	1,044.88	1	794.55	1	545.00	1	294.76	1	46.78	1		1		1	
1/4	1,540.28	1/4	1,289.97	1/4	1,039.66	1/4	789.33	1/4	539.81	1/4	289.55	1/4	42.02	1/4		1/4		1/4	
1/2	1,535.07	1/2	1,284.76	1/2	1,034.44	1/2	784.12	1/2	534.59	1/2	284.33	1/2	37.60	1/2		1/2		1/2	
3/4	1,529.85	3/4	1,279.54	3/4	1,029.22	3/4	778.90	3/4	529.38	3/4	279.12	3/4	33.18	3/4		3/4		3/4	
2	1,524.64	2	1,274.33	2	1,024.00	2	773.69	2	524.16	2	273.90	2	28.75	2		2		2	
1/4	1,519.43	1/4	1,269.12	1/4	1,018.78	1/4	768.47	1/4	518.95	1/4	268.69	1/4	24.33	1/4		1/4		1/4	
1/2	1,514.21	1/2	1,263.90	1/2	1,013.57	1/2	763.26	1/2	513.74	1/2	263.47	1/2	20.96	1/2		1/2		1/2	
3/4	1,509.00	3/4	1,258.69	3/4	1,008.35	3/4	758.04	3/4	508.52	3/4	258.26	3/4	17.59	3/4		3/4		3/4	
3	1,503.78	3	1,253.47	3	1,003.14	3	752.83	3	503.31	3	253.05	3	14.22	3		3		3	
1/4	1,498.57	1/4	1,248.26	1/4	997.93	1/4	747.62	1/4	498.09	1/4	247.83	1/4	10.85	1/4		1/4		1/4	
1/2	1,493.35	1/2	1,243.04	1/2	992.71	1/2	742.42	1/2	492.88	1/2	242.62	1/2	8.92	1/2		1/2		1/2	
3/4	1,488.13	3/4	1,237.82	3/4	987.50	3/4	737.22	3/4	487.68	3/4	237.40	3/4	6.99	3/4		3/4		3/4	
4	1,482.91	4	1,232.60	4	982.28	4	732.03	4	482.47	4	232.19	4	5.05	4		4		4	
1/4	1,477.69	1/4	1,227.38	1/4	977.07	1/4	726.83	1/4	477.26	1/4	226.97	1/4	3.12	1/4		1/4		1/4	
1/2	1,472.47	1/2	1,222.16	1/2	971.85	1/2	721.64	1/2	472.05	1/2	221.76	1/2	2.49	1/2		1/2		1/2	
3/4	1,467.26	3/4	1,216.95	3/4	966.64	3/4	716.45	3/4	466.83	3/4	216.55	3/4	1.87	3/4		3/4		3/4	
5	1,462.05	5	1,211.74	5	961.43	5	711.26	5	461.62	5	211.33	5	1.24	5		5		5	
1/4	1,456.83	1/4	1,206.52	1/4	956.21	1/4	706.07	1/4	456.40	1/4	206.12	1/4		1/4		1/4		1/4	
1/2	1,451.62	1/2	1,201.31	1/2	951.00	1/2	700.87	1/2	451.19	1/2	200.90	1/2		1/2		1/2		1/2	
3/4	1,446.40	3/4	1,196.09	3/4	945.78	3/4	695.68	3/4	445.97	3/4	195.69	3/4		3/4		3/4		3/4	
6	1,441.19	6	1,190.88	6	940.57	6	690.48	6	440.76	6	190.47	6		6		6		6	
1/4	1,435.97	1/4	1,185.66	1/4	935.35	1/4	685.28	1/4	435.55	1/4	185.26	1/4		1/4		1/4		1/4	
1/2	1,430.76	1/2	1,180.45	1/2	930.14	1/2	680.09	1/2	430.33	1/2	180.05	1/2		1/2		1/2		1/2	
3/4	1,425.55	3/4	1,175.24	3/4	924.93	3/4	674.89	3/4	425.12	3/4	174.83	3/4		3/4		3/4		3/4	
7	1,420.33	7	1,170.02	7	919.71	7	669.69	7	419.90	7	169.62	7		7		7		7	
1/4	1,415.12	1/4	1,164.81	1/4	914.50	1/4	664.50	1/4	414.69	1/4	164.40	1/4		1/4		1/4		1/4	
1/2	1,409.90	1/2	1,159.59	1/2	909.28	1/2	659.30	1/2	409.47	1/2	159.19	1/2		1/2		1/2		1/2	
3/4	1,404.69	3/4	1,154.38	3/4	904.07	3/4	654.10	3/4	404.26	3/4	153.97	3/4		3/4		3/4		3/4	
8	1,399.47	8	1,149.16	8	898.85	8	648.91	8	399.05	8	148.76	8		8		8		8	
1/4	1,394.26	1/4	1,143.95	1/4	893.64	1/4	643.71	1/4	393.83	1/4	143.55	1/4		1/4		1/4		1/4	
1/2	1,389.05	1/2	1,138.74	1/2	888.43	1/2	638.52	1/2	388.62	1/2	138.33	1/2		1/2		1/2		1/2	
3/4	1,383.83	3/4	1,133.52	3/4	883.21	3/4	633.33	3/4	383.40	3/4	133.12	3/4		3/4		3/4		3/4	
9	1,378.62	9	1,128.31	9	878.00	9	628.14	9	378.19	9	127.90	9		9		9		9	
1/4	1,373.40	1/4	1,123.09	1/4	872.78	1/4	622.95	1/4	372.97	1/4	122.69	1/4		1/4		1/4		1/4	
1/2	1,368.19	1/2	1,117.88	1/2	867.57	1/2	617.75	1/2	367.76	1/2	117.47	1/2		1/2		1/2		1/2	
3/4	1,362.97	3/4	1,112.66	3/4	862.35	3/4	612.56	3/4	362.55	3/4	112.26	3/4		3/4		3/4		3/4	
10	1,357.76	10	1,107.45	10	857.14	10	607.36	10	357.33	10	107.05	10		10		10		10	
1/4	1,352.55	1/4	1,102.24	1/4	851.93	1/4	602.16	1/4	352.12	1/4	101.83	1/4		1/4		1/4		1/4	
1/2	1,347.33	1/2	1,097.02	1/2	846.71	1/2	596.97	1/2	346.90	1/2	96.66	1/2		1/2		1/2		1/2	
3/4	1,342.12	3/4	1,091.81	3/4	841.50	3/4	591.77	3/4	341.69	3/4	91.49	3/4		3/4		3/4		3/4	
11	1,336.90	11	1,086.59	11	836.28	11	586.57	11	336.47	11	86.31	11		11		11		11	
1/4	1,331.69	1/4	1,081.38	1/4	831.07	1/4	581.38	1/4	331.26	1/4	81.14	1/4		1/4		1/4		1/4	
1/2	1,326.47	1/2	1,076.16	1/2	825.85	1/2	576.18	1/2	326.05	1/2	76.12	1/2		1/2		1/2		1/2	
3/4	1,321.26	3/4	1,070.95	3/4	820.64	3/4	570.99	3/4	320.83	3/4	71.09	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/28/1997 ITS  
REPRINTED: 05/26/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2015

PRECISION MEASUREMENT  
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Pearland, Texas 77588  
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# BARGE "CBC 16"

# 1 CENTER ULLAGE TABLE

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

FORMERLY "GBL 910 & KIRBY 10353"

GAUGE HEIGHT 16'-04 1/4"

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	3,456.75	0	3,226.62	0	2,995.68	0	2,764.75	0	2,529.67	0	2,280.55	0	2,031.43	0	1,782.31
1/4	1/4	1/4		1/4	3,452.34	1/4	3,221.81	1/4	2,990.86	1/4	2,759.93	1/4	2,524.48	1/4	2,275.36	1/4	2,026.24	1/4	1,777.12
1/2	1/2	1/2		1/2	3,447.93	1/2	3,217.00	1/2	2,986.05	1/2	2,755.12	1/2	2,519.29	1/2	2,270.17	1/2	2,021.05	1/2	1,771.93
3/4	3/4	3/4		3/4	3,443.11	3/4	3,212.18	3/4	2,981.24	3/4	2,750.31	3/4	2,514.10	3/4	2,264.98	3/4	2,015.86	3/4	1,766.74
1		1		1	3,438.30	1	3,207.37	1	2,976.43	1	2,745.50	1	2,508.91	1	2,259.80	1	2,010.67	1	1,761.55
1/4	1/4	1/4		1/4	3,433.48	1/4	3,202.55	1/4	2,971.62	1/4	2,740.69	1/4	2,503.71	1/4	2,254.61	1/4	2,005.48	1/4	1,756.36
1/2	1/2	1/2		1/2	3,428.67	1/2	3,197.74	1/2	2,966.81	1/2	2,735.88	1/2	2,498.52	1/2	2,249.43	1/2	2,000.29	1/2	1,751.17
3/4	3/4	3/4		3/4	3,423.86	3/4	3,192.93	3/4	2,962.00	3/4	2,731.07	3/4	2,493.33	3/4	2,244.24	3/4	1,995.10	3/4	1,745.98
2		2		2	3,419.05	2	3,188.12	2	2,957.19	2	2,726.26	2	2,488.14	2	2,239.05	2	1,989.91	2	1,740.79
1/4	1/4	1/4		1/4	3,414.24	1/4	3,183.31	1/4	2,952.38	1/4	2,721.45	1/4	2,482.95	1/4	2,233.86	1/4	1,984.72	1/4	1,735.60
1/2	1/2	1/2		1/2	3,409.43	1/2	3,178.50	1/2	2,947.57	1/2	2,716.64	1/2	2,477.76	1/2	2,228.67	1/2	1,979.52	1/2	1,730.41
3/4	3/4	3/4		3/4	3,404.62	3/4	3,173.69	3/4	2,942.76	3/4	2,711.83	3/4	2,472.57	3/4	2,223.48	3/4	1,974.33	3/4	1,725.22
3		3		3	3,399.81	3	3,168.88	3	2,937.95	3	2,707.02	3	2,467.38	3	2,218.29	3	1,969.14	3	1,720.03
1/4	1/4	1/4		1/4	3,395.00	1/4	3,164.07	1/4	2,933.14	1/4	2,702.21	1/4	2,462.19	1/4	2,213.10	1/4	1,963.95	1/4	1,714.83
1/2	1/2	1/2		1/2	3,390.19	1/2	3,159.26	1/2	2,928.33	1/2	2,697.40	1/2	2,457.00	1/2	2,207.91	1/2	1,958.76	1/2	1,709.64
3/4	3/4	3/4		3/4	3,385.38	3/4	3,154.45	3/4	2,923.52	3/4	2,692.60	3/4	2,451.81	3/4	2,202.72	3/4	1,953.57	3/4	1,704.45
4		4		4	3,380.57	4	3,149.64	4	2,918.70	4	2,687.79	4	2,446.62	4	2,197.53	4	1,948.38	4	1,699.26
1/4	1/4	1/4		1/4	3,375.76	1/4	3,144.83	1/4	2,913.89	1/4	2,682.98	1/4	2,441.43	1/4	2,192.34	1/4	1,943.19	1/4	1,694.07
1/2	1/2	1/2		1/2	3,370.95	1/2	3,140.02	1/2	2,909.07	1/2	2,678.17	1/2	2,436.24	1/2	2,187.14	1/2	1,938.00	1/2	1,688.88
3/4	3/4	3/4		3/4	3,366.14	3/4	3,135.21	3/4	2,904.26	3/4	2,673.35	3/4	2,431.05	3/4	2,181.95	3/4	1,932.81	3/4	1,683.69
5		5		5	3,361.32	5	3,130.39	5	2,899.45	5	2,668.54	5	2,425.87	5	2,176.76	5	1,927.62	5	1,678.50
1/4	1/4	1/4		1/4	3,356.51	1/4	3,125.58	1/4	2,894.64	1/4	2,663.72	1/4	2,420.69	1/4	2,171.57	1/4	1,922.43	1/4	1,673.31
1/2	1/2	1/2		1/2	3,351.69	1/2	3,120.76	1/2	2,889.83	1/2	2,658.90	1/2	2,415.50	1/2	2,166.38	1/2	1,917.24	1/2	1,668.12
3/4	3/4	3/4		3/4	3,346.88	3/4	3,115.95	3/4	2,885.02	3/4	2,654.09	3/4	2,410.31	3/4	2,161.19	3/4	1,912.05	3/4	1,662.93
6		6		6	3,342.07	6	3,111.14	6	2,880.21	6	2,649.29	6	2,405.12	6	2,156.00	6	1,906.86	6	1,657.74
1/4	1/4	1/4		1/4	3,337.26	1/4	3,106.33	1/4	2,875.40	1/4	2,644.48	1/4	2,399.93	1/4	2,150.81	1/4	1,901.67	1/4	1,652.55
1/2	1/2	1/2		1/2	3,332.45	1/2	3,101.52	1/2	2,870.60	1/2	2,639.67	1/2	2,394.74	1/2	2,145.62	1/2	1,896.48	1/2	1,647.36
3/4	3/4	3/4		3/4	3,327.64	3/4	3,096.71	3/4	2,865.79	3/4	2,634.86	3/4	2,389.55	3/4	2,140.43	3/4	1,891.29	3/4	1,642.17
7		7		7	3,322.83	7	3,091.91	7	2,860.98	7	2,630.05	7	2,384.36	7	2,135.24	7	1,886.10	7	1,636.98
1/4	1/4	1/4		1/4	3,318.02	1/4	3,087.10	1/4	2,856.17	1/4	2,625.24	1/4	2,379.17	1/4	2,130.05	1/4	1,880.91	1/4	1,631.79
1/2	1/2	1/2	3,504.05	1/2	3,313.21	1/2	3,082.29	1/2	2,851.36	1/2	2,620.43	1/2	2,373.98	1/2	2,124.86	1/2	1,875.71	1/2	1,626.60
3/4	3/4	3/4	3,502.85	3/4	3,308.40	3/4	3,077.47	3/4	2,846.54	3/4	2,615.62	3/4	2,368.79	3/4	2,119.67	3/4	1,870.52	3/4	1,621.41
8		8	3,501.64	8	3,303.60	8	3,072.65	8	2,841.73	8	2,610.81	8	2,363.60	8	2,114.48	8	1,865.33	8	1,616.22
1/4	1/4	1/4	3,500.44	1/4	3,298.79	1/4	3,067.84	1/4	2,836.91	1/4	2,606.00	1/4	2,358.41	1/4	2,109.29	1/4	1,860.14	1/4	1,611.02
1/2	1/2	1/2	3,499.24	1/2	3,293.98	1/2	3,063.02	1/2	2,832.10	1/2	2,601.19	1/2	2,353.21	1/2	2,104.10	1/2	1,854.95	1/2	1,605.83
3/4	3/4	3/4	3,497.23	3/4	3,289.16	3/4	3,058.21	3/4	2,827.29	3/4	2,596.28	3/4	2,348.02	3/4	2,098.91	3/4	1,849.76	3/4	1,600.64
9		9	3,495.23	9	3,284.35	9	3,053.40	9	2,822.48	9	2,591.37	9	2,342.83	9	2,093.72	9	1,844.57	9	1,595.45
1/4	1/4	1/4	3,493.22	1/4	3,279.53	1/4	3,048.60	1/4	2,817.67	1/4	2,586.46	1/4	2,337.64	1/4	2,088.53	1/4	1,839.38	1/4	1,590.26
1/2	1/2	1/2	3,491.21	1/2	3,274.71	1/2	3,043.79	1/2	2,812.86	1/2	2,581.55	1/2	2,332.45	1/2	2,083.33	1/2	1,834.19	1/2	1,585.07
3/4	3/4	3/4	3,488.41	3/4	3,269.90	3/4	3,038.98	3/4	2,808.05	3/4	2,576.36	3/4	2,327.26	3/4	2,078.14	3/4	1,829.00	3/4	1,579.88
10		10	3,485.61	10	3,265.10	10	3,034.17	10	2,803.24	10	2,571.18	10	2,322.07	10	2,072.95	10	1,823.81	10	1,574.69
1/4	1/4	1/4	3,482.80	1/4	3,260.29	1/4	3,029.36	1/4	2,798.43	1/4	2,565.99	1/4	2,316.88	1/4	2,067.76	1/4	1,818.62	1/4	1,569.50
1/2	1/2	1/2	3,480.00	1/2	3,255.48	1/2	3,024.55	1/2	2,793.62	1/2	2,560.81	1/2	2,311.69	1/2	2,062.57	1/2	1,813.43	1/2	1,564.31
3/4	3/4	3/4	3,476.39	3/4	3,250.67	3/4	3,019.74	3/4	2,788.81	3/4	2,555.62	3/4	2,306.50	3/4	2,057.38	3/4	1,808.24	3/4	1,559.12
11		11	3,472.79	11	3,245.86	11	3,014.93	11	2,784.00	11	2,550.43	11	2,301.31	11	2,052.19	11	1,803.06	11	1,553.93
1/4	1/4	1/4	3,469.18	1/4	3,241.05	1/4	3,010.12	1/4	2,779.19	1/4	2,545.24	1/4	2,296.12	1/4	2,047.00	1/4	1,797.88	1/4	1,548.74
1/2	1/2	1/2	3,465.57	1/2	3,236.24	1/2	3,005.31	1/2	2,774.38	1/2	2,540.05	1/2	2,290.93	1/2	2,041.81	1/2	1,792.69	1/2	1,543.55
3/4	3/4	3/4	3,461.16	3/4	3,231.43	3/4	3,000.49	3/4	2,769.57	3/4	2,534.86	3/4	2,285.74	3/4	2,036.62	3/4	1,787.50	3/4	1,538.36

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 25'-06" 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 16"

## 1 CENTER ULLAGE TABLE

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

FORMERLY "GBL 910 & KIRBY 10353"

GAUGE HEIGHT 16'-04 1/4"

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	1,533.17	0	1,284.05	0	1,034.91	0	785.79	0	537.29	0	288.22	0	40.92	0		0		0	
1/4	1,527.98	1/4	1,278.86	1/4	1,029.71	1/4	780.60	1/4	532.11	1/4	283.02	1/4	36.18	1/4		1/4		1/4	
1/2	1,522.79	1/2	1,273.67	1/2	1,024.52	1/2	775.40	1/2	526.93	1/2	277.83	1/2	31.45	1/2		1/2		1/2	
3/4	1,517.60	3/4	1,268.48	3/4	1,019.33	3/4	770.21	3/4	521.74	3/4	272.64	3/4	27.70	3/4		3/4		3/4	
1	1,512.41	1	1,263.29	1	1,014.14	1	765.02	1	516.55	1	267.45	1	23.95	1		1		1	
1/4	1,507.21	1/4	1,258.10	1/4	1,008.95	1/4	759.83	1/4	511.36	1/4	262.26	1/4	20.20	1/4		1/4		1/4	
1/2	1,502.02	1/2	1,252.91	1/2	1,003.76	1/2	754.64	1/2	506.17	1/2	257.07	1/2	16.45	1/2		1/2		1/2	
3/4	1,496.83	3/4	1,247.72	3/4	998.58	3/4	749.45	3/4	500.98	3/4	251.88	3/4	14.18	3/4		3/4		3/4	
2	1,491.64	2	1,242.53	2	993.39	2	744.26	2	495.79	2	246.69	2	11.92	2		2		2	
1/4	1,486.45	1/4	1,237.33	1/4	988.21	1/4	739.07	1/4	490.60	1/4	241.50	1/4	9.65	1/4		1/4		1/4	
1/2	1,481.26	1/2	1,232.14	1/2	983.02	1/2	733.88	1/2	485.40	1/2	236.31	1/2	7.38	1/2		1/2		1/2	
3/4	1,476.07	3/4	1,226.95	3/4	977.83	3/4	728.71	3/4	480.22	3/4	231.12	3/4	6.10	3/4		3/4		3/4	
3	1,470.88	3	1,221.76	3	972.64	3	723.54	3	475.04	3	225.93	3	4.82	3		3		3	
1/4	1,465.69	1/4	1,216.57	1/4	967.45	1/4	718.36	1/4	469.85	1/4	220.74	1/4	3.54	1/4		1/4		1/4	
1/2	1,460.50	1/2	1,211.38	1/2	962.26	1/2	713.19	1/2	464.67	1/2	215.55	1/2	2.26	1/2		1/2		1/2	
3/4	1,455.31	3/4	1,206.19	3/4	957.07	3/4	708.02	3/4	459.48	3/4	210.36	3/4	1.85	3/4		3/4		3/4	
4	1,450.12	4	1,201.00	4	951.88	4	702.85	4	454.29	4	205.17	4	1.44	4		4		4	
1/4	1,444.93	1/4	1,195.81	1/4	946.69	1/4	697.67	1/4	449.10	1/4	199.98	1/4	1.03	1/4		1/4		1/4	
1/2	1,439.74	1/2	1,190.62	1/2	941.50	1/2	692.50	1/2	443.91	1/2	194.79	1/2		1/2		1/2		1/2	
3/4	1,434.55	3/4	1,185.43	3/4	936.31	3/4	687.33	3/4	438.71	3/4	189.60	3/4		3/4		3/4		3/4	
5	1,429.36	5	1,180.24	5	931.12	5	682.15	5	433.52	5	184.41	5		5		5		5	
1/4	1,424.17	1/4	1,175.05	1/4	925.93	1/4	676.98	1/4	428.33	1/4	179.21	1/4		1/4		1/4		1/4	
1/2	1,418.98	1/2	1,169.86	1/2	920.74	1/2	671.81	1/2	423.14	1/2	174.02	1/2		1/2		1/2		1/2	
3/4	1,413.79	3/4	1,164.67	3/4	915.55	3/4	666.63	3/4	417.95	3/4	168.83	3/4		3/4		3/4		3/4	
6	1,408.61	6	1,159.48	6	910.36	6	661.45	6	412.76	6	163.64	6		6		6		6	
1/4	1,403.42	1/4	1,154.29	1/4	905.17	1/4	656.27	1/4	407.57	1/4	158.45	1/4		1/4		1/4		1/4	
1/2	1,398.24	1/2	1,149.10	1/2	899.98	1/2	651.09	1/2	402.38	1/2	153.26	1/2		1/2		1/2		1/2	
3/4	1,393.04	3/4	1,143.91	3/4	894.79	3/4	645.92	3/4	397.19	3/4	148.08	3/4		3/4		3/4		3/4	
7	1,387.85	7	1,138.72	7	889.60	7	640.75	7	392.00	7	142.89	7		7		7		7	
1/4	1,382.65	1/4	1,133.52	1/4	884.41	1/4	635.58	1/4	386.81	1/4	137.71	1/4		1/4		1/4		1/4	
1/2	1,377.45	1/2	1,128.33	1/2	879.21	1/2	630.40	1/2	381.62	1/2	132.52	1/2		1/2		1/2		1/2	
3/4	1,372.26	3/4	1,123.14	3/4	874.02	3/4	625.23	3/4	376.43	3/4	127.33	3/4		3/4		3/4		3/4	
8	1,367.07	8	1,117.95	8	868.83	8	620.06	8	371.24	8	122.14	8		8		8		8	
1/4	1,361.88	1/4	1,112.76	1/4	863.64	1/4	614.89	1/4	366.05	1/4	116.95	1/4		1/4		1/4		1/4	
1/2	1,356.69	1/2	1,107.57	1/2	858.45	1/2	609.71	1/2	360.86	1/2	111.76	1/2		1/2		1/2		1/2	
3/4	1,351.51	3/4	1,102.38	3/4	853.26	3/4	604.54	3/4	355.67	3/4	106.57	3/4		3/4		3/4		3/4	
9	1,346.32	9	1,097.19	9	848.07	9	599.37	9	350.49	9	101.38	9		9		9		9	
1/4	1,341.14	1/4	1,092.00	1/4	842.88	1/4	594.20	1/4	345.30	1/4	96.19	1/4		1/4		1/4		1/4	
1/2	1,335.95	1/2	1,086.81	1/2	837.69	1/2	589.02	1/2	340.12	1/2	91.00	1/2		1/2		1/2		1/2	
3/4	1,330.76	3/4	1,081.62	3/4	832.50	3/4	583.85	3/4	334.93	3/4	85.85	3/4		3/4		3/4		3/4	
10	1,325.57	10	1,076.43	10	827.31	10	578.68	10	329.74	10	80.69	10		10		10		10	
1/4	1,320.38	1/4	1,071.24	1/4	822.12	1/4	573.51	1/4	324.55	1/4	75.54	1/4		1/4		1/4		1/4	
1/2	1,315.19	1/2	1,066.05	1/2	816.93	1/2	568.33	1/2	319.36	1/2	70.38	1/2		1/2		1/2		1/2	
3/4	1,310.00	3/4	1,060.86	3/4	811.74	3/4	563.16	3/4	314.17	3/4	65.38	3/4		3/4		3/4		3/4	
11	1,304.81	11	1,055.67	11	806.55	11	557.99	11	308.98	11	60.38	11		11		11		11	
1/4	1,299.62	1/4	1,050.48	1/4	801.36	1/4	552.82	1/4	303.79	1/4	55.38	1/4		1/4		1/4		1/4	
1/2	1,294.43	1/2	1,045.29	1/2	796.17	1/2	547.64	1/2	298.60	1/2	50.38	1/2		1/2		1/2		1/2	
3/4	1,289.24	3/4	1,040.10	3/4	790.98	3/4	542.46	3/4	293.41	3/4	45.65	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/28/1997 ITS  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2015

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