



DBL 130  
**BARGE "CBC 30"**

ULLAGE TRIM TABLE

FORMERLY "KIRBY 10377"

	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	00-3/8	- 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	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-7/8	- 01-7/8
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:

$$\begin{aligned}
 \text{FWD. DRAFT} &= 2'-00'' \\
 \text{AFT DRAFT} &= 4'-00'' \\
 \text{DIFF.} &= 2'-00'' \quad (\text{DOWN BY STERN})
 \end{aligned}$$

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 156'-00"

August 4, 2003

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

<http://www.pmacorp.net>



# BARGE "CBC 30"

## 1 CENTER ULLAGE TABLE

FORMERLY "KIRBY 10377"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		GAUGE HEIGHT 17'-00" 1/8"												
HT	W	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.			
0	0	3,366.94	0	3,137.27	0	2,907.59	0	2,677.93	0	2,438.09	0	2,190.95	0	1,942.79
1/4	1/4	3,362.16	1/4	3,132.49	1/4	2,902.81	1/4	2,673.15	1/4	2,433.32	1/4	2,186.58	1/4	1,937.62
1/2	1/2	3,357.37	1/2	3,127.70	1/2	2,898.02	1/2	2,668.36	1/2	2,428.56	1/2	2,181.82	1/2	1,932.46
3/4	3/4	3,352.59	3/4	3,122.92	3/4	2,893.24	3/4	2,663.58	3/4	2,423.79	3/4	2,177.06	3/4	1,927.29
1	1	3,347.80	1	3,118.13	1	2,888.45	1	2,658.79	1	2,418.22	1	2,171.81	1	1,922.12
1 1/4	1 1/4	3,343.02	1 1/4	3,113.35	1 1/4	2,883.67	1 1/4	2,654.01	1 1/4	2,413.05	1 1/4	2,166.01	1 1/4	1,916.95
1 1/2	1 1/2	3,338.23	1 1/2	3,108.56	1 1/2	2,878.89	1 1/2	2,649.22	1 1/2	2,407.89	1 1/2	2,159.85	1 1/2	1,911.79
1 3/4	1 3/4	3,333.44	1 3/4	3,103.78	1 3/4	2,874.10	1 3/4	2,644.44	1 3/4	2,402.72	1 3/4	2,154.68	1 3/4	1,906.62
2	2	3,328.66	2	3,098.99	2	2,869.32	2	2,639.65	2	2,397.65	2	2,149.51	2	1,901.45
2 1/4	2 1/4	3,323.88	2 1/4	3,094.21	2 1/4	2,864.54	2 1/4	2,634.87	2 1/4	2,392.38	2 1/4	2,144.34	2 1/4	1,896.28
2 1/2	2 1/2	3,319.09	2 1/2	3,089.42	2 1/2	2,859.75	2 1/2	2,630.08	2 1/2	2,387.22	2 1/2	2,139.18	2 1/2	1,891.12
2 3/4	2 3/4	3,314.31	2 3/4	3,084.64	2 3/4	2,854.97	2 3/4	2,625.30	2 3/4	2,382.05	2 3/4	2,134.01	2 3/4	1,885.95
3	3	3,309.52	3	3,079.85	3	2,850.18	3	2,620.51	3	2,376.88	3	2,128.84	3	1,880.78
3 1/4	3 1/4	3,304.74	3 1/4	3,075.07	3 1/4	2,845.40	3 1/4	2,615.73	3 1/4	2,371.71	3 1/4	2,123.67	3 1/4	1,875.61
3 1/2	3 1/2	3,299.95	3 1/2	3,070.28	3 1/2	2,840.61	3 1/2	2,610.94	3 1/2	2,366.55	3 1/2	2,118.51	3 1/2	1,870.45
3 3/4	3 3/4	3,295.17	3 3/4	3,065.50	3 3/4	2,835.83	3 3/4	2,606.16	3 3/4	2,361.38	3 3/4	2,113.34	3 3/4	1,865.28
4	4	3,290.38	4	3,060.71	4	2,831.04	4	2,601.37	4	2,356.21	4	2,108.17	4	1,860.11
4 1/4	4 1/4	3,285.60	4 1/4	3,055.93	4 1/4	2,826.26	4 1/4	2,596.59	4 1/4	2,351.04	4 1/4	2,103.00	4 1/4	1,854.94
4 1/2	4 1/2	3,280.81	4 1/2	3,051.14	4 1/2	2,821.47	4 1/2	2,591.81	4 1/2	2,345.88	4 1/2	2,097.84	4 1/2	1,849.77
4 3/4	4 3/4	3,276.03	4 3/4	3,046.36	4 3/4	2,816.69	4 3/4	2,587.02	4 3/4	2,340.71	4 3/4	2,092.67	4 3/4	1,844.60
5	5	3,271.24	5	3,041.57	5	2,811.89	5	2,582.23	5	2,335.54	5	2,087.50	5	1,839.43
5 1/4	5 1/4	3,266.46	5 1/4	3,036.79	5 1/4	2,807.12	5 1/4	2,577.41	5 1/4	2,330.37	5 1/4	2,082.33	5 1/4	1,834.26
5 1/2	5 1/2	3,261.67	5 1/2	3,032.00	5 1/2	2,802.33	5 1/2	2,572.57	5 1/2	2,325.21	5 1/2	2,077.17	5 1/2	1,829.10
5 3/4	5 3/4	3,256.89	5 3/4	3,027.22	5 3/4	2,797.55	5 3/4	2,567.74	5 3/4	2,320.04	5 3/4	2,072.00	5 3/4	1,823.93
6	6	3,252.10	6	3,022.43	6	2,792.76	6	2,562.92	6	2,314.87	6	2,066.83	6	1,818.76
6 1/4	6 1/4	3,247.32	6 1/4	3,017.65	6 1/4	2,787.98	6 1/4	2,557.73	6 1/4	2,309.70	6 1/4	2,061.66	6 1/4	1,813.59
6 1/2	6 1/2	3,242.53	6 1/2	3,012.86	6 1/2	2,783.19	6 1/2	2,552.57	6 1/2	2,304.54	6 1/2	2,056.49	6 1/2	1,808.43
6 3/4	6 3/4	3,237.75	6 3/4	3,008.08	6 3/4	2,778.41	6 3/4	2,547.40	6 3/4	2,299.20	6 3/4	2,051.32	6 3/4	1,803.26
7	7	3,232.96	7	3,003.29	7	2,773.62	7	2,542.23	7	2,294.20	7	2,046.15	7	1,798.09
7 1/4	7 1/4	3,228.18	7 1/4	2,998.51	7 1/4	2,768.84	7 1/4	2,537.07	7 1/4	2,289.03	7 1/4	2,040.98	7 1/4	1,792.92
7 1/2	7 1/2	3,223.39	7 1/2	2,993.72	7 1/2	2,764.05	7 1/2	2,531.90	7 1/2	2,283.87	7 1/2	2,035.82	7 1/2	1,787.76
7 3/4	7 3/4	3,218.61	7 3/4	2,988.94	7 3/4	2,759.27	7 3/4	2,526.74	7 3/4	2,278.70	7 3/4	2,030.65	7 3/4	1,782.59
8	8	3,213.82	8	2,984.15	8	2,754.48	8	2,521.57	8	2,273.53	8	2,025.48	8	1,777.42
8 1/4	8 1/4	3,209.04	8 1/4	2,979.37	8 1/4	2,749.70	8 1/4	2,516.40	8 1/4	2,268.36	8 1/4	2,020.31	8 1/4	1,772.25
8 1/2	8 1/2	3,204.26	8 1/2	2,974.58	8 1/2	2,744.91	8 1/2	2,511.24	8 1/2	2,263.20	8 1/2	2,015.15	8 1/2	1,767.09
8 3/4	8 3/4	3,199.47	8 3/4	2,969.80	8 3/4	2,740.13	8 3/4	2,506.07	8 3/4	2,258.03	8 3/4	2,009.98	8 3/4	1,761.92
9	9	3,194.69	9	2,965.01	9	2,735.34	9	2,500.90	9	2,252.86	9	2,004.81	9	1,756.75
9 1/4	9 1/4	3,189.91	9 1/4	2,960.23	9 1/4	2,730.56	9 1/4	2,495.73	9 1/4	2,247.69	9 1/4	1,999.64	9 1/4	1,751.58
9 1/2	9 1/2	3,185.12	9 1/2	2,955.44	9 1/2	2,725.78	9 1/2	2,490.57	9 1/2	2,242.53	9 1/2	1,994.48	9 1/2	1,746.41
9 3/4	9 3/4	3,180.34	9 3/4	2,950.66	9 3/4	2,720.99	9 3/4	2,485.40	9 3/4	2,237.36	9 3/4	1,989.31	9 3/4	1,741.24
10	10	3,175.55	10	2,945.87	10	2,716.21	10	2,480.23	10	2,232.19	10	1,984.14	10	1,736.07
10 1/4	10 1/4	3,170.77	10 1/4	2,941.09	10 1/4	2,711.43	10 1/4	2,475.06	10 1/4	2,227.02	10 1/4	1,978.97	10 1/4	1,730.90
10 1/2	10 1/2	3,165.98	10 1/2	2,936.30	10 1/2	2,706.64	10 1/2	2,469.90	10 1/2	2,221.86	10 1/2	1,973.81	10 1/2	1,725.74
10 3/4	10 3/4	3,161.20	10 3/4	2,931.52	10 3/4	2,701.86	10 3/4	2,464.73	10 3/4	2,216.69	10 3/4	1,968.64	10 3/4	1,720.57
11	11	3,156.41	11	2,926.73	11	2,697.07	11	2,459.56	11	2,211.52	11	1,963.47	11	1,715.40
11 1/4	11 1/4	3,151.63	11 1/4	2,921.95	11 1/4	2,692.29	11 1/4	2,454.39	11 1/4	2,206.35	11 1/4	1,958.30	11 1/4	1,710.23
11 1/2	11 1/2	3,146.84	11 1/2	2,917.16	11 1/2	2,687.50	11 1/2	2,449.23	11 1/2	2,201.19	11 1/2	1,953.13	11 1/2	1,705.07
11 3/4	11 3/4	3,142.06	11 3/4	2,912.38	11 3/4	2,682.72	11 3/4	2,444.06	11 3/4	2,196.02	11 3/4	1,947.96	11 3/4	1,699.90

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.  
P. O. Box 2063  
Pearland, Texas 77661  
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RECOMPUTED BY ACCORDANCE WITH MPMS CHAPTER 3.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "NINE" CLOSED GALLOWS DEVICE.  
GAUGE POINT: (PERMETIC) LOCATED 1'-00" OFF CENTERLINE AND 18'-00" FORWARD OF AFT BULKHEAD.



# BARGE "CBC 30"

## 1 CENTER ULLAGE TABLE

FORMERLY "KIRBY 10377" CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS GAUGE HEIGHT 17'-00" 1/8"

IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	1,694.73	0	1,198.62	0	702.59	0	454.91	0	206.87	0
1/4	1,689.56	1/4	1,193.45	1/4	697.43	1/4	449.74	1/4	201.70	1/4
1/2	1,684.40	1/2	1,188.29	1/2	692.28	1/2	444.58	1/2	196.54	1/2
3/4	1,679.23	3/4	1,183.12	3/4	687.12	3/4	439.41	3/4	191.37	3/4
1	1,674.06	1	1,177.95	1	681.96	1	434.24	1	186.20	1
1 1/4	1,668.89	1 1/4	1,172.78	1 1/4	676.80	1 1/4	429.07	1 1/4	181.03	1 1/4
1 1/2	1,663.73	1 1/2	1,167.62	1 1/2	671.65	1 1/2	423.91	1 1/2	175.87	1 1/2
1 3/4	1,658.56	1 3/4	1,162.45	1 3/4	666.49	1 3/4	418.74	1 3/4	170.70	1 3/4
2	1,653.39	2	1,157.28	2	661.33	2	413.57	2	165.53	2
2 1/4	1,648.22	2 1/4	1,152.11	2 1/4	656.17	2 1/4	408.40	2 1/4	160.36	2 1/4
2 1/2	1,643.05	2 1/2	1,146.95	2 1/2	651.02	2 1/2	403.24	2 1/2	155.20	2 1/2
2 3/4	1,637.88	2 3/4	1,141.78	2 3/4	645.86	2 3/4	398.07	2 3/4	150.03	2 3/4
3	1,632.71	3	1,136.61	3	640.70	3	392.90	3	144.86	3
3 1/4	1,627.54	3 1/4	1,131.44	3 1/4	635.55	3 1/4	387.73	3 1/4	139.69	3 1/4
3 1/2	1,622.38	3 1/2	1,126.28	3 1/2	630.39	3 1/2	382.57	3 1/2	134.53	3 1/2
3 3/4	1,617.21	3 3/4	1,121.11	3 3/4	625.24	3 3/4	377.40	3 3/4	129.36	3 3/4
4	1,612.04	4	1,115.94	4	620.08	4	372.23	4	124.19	4
4 1/4	1,606.87	4 1/4	1,110.77	4 1/4	614.92	4 1/4	367.06	4 1/4	119.02	4 1/4
4 1/2	1,601.71	4 1/2	1,105.60	4 1/2	609.77	4 1/2	361.90	4 1/2	113.85	4 1/2
4 3/4	1,596.54	4 3/4	1,100.43	4 3/4	604.61	4 3/4	356.73	4 3/4	108.69	4 3/4
5	1,591.37	5	1,095.26	5	599.45	5	351.56	5	103.53	5
5 1/4	1,586.20	5 1/4	1,090.09	5 1/4	594.29	5 1/4	346.39	5 1/4	98.39	5 1/4
5 1/2	1,581.04	5 1/2	1,084.93	5 1/2	589.14	5 1/2	341.23	5 1/2	93.26	5 1/2
5 3/4	1,575.87	5 3/4	1,079.76	5 3/4	583.98	5 3/4	336.06	5 3/4	88.13	5 3/4
6	1,570.70	6	1,074.59	6	578.84	6	330.89	6	83.04	6
6 1/4	1,565.53	6 1/4	1,069.42	6 1/4	573.66	6 1/4	325.72	6 1/4	78.02	6 1/4
6 1/2	1,560.37	6 1/2	1,064.26	6 1/2	568.51	6 1/2	320.56	6 1/2	73.05	6 1/2
6 3/4	1,555.20	6 3/4	1,059.09	6 3/4	563.35	6 3/4	315.39	6 3/4	68.07	6 3/4
7	1,550.03	7	1,053.92	7	558.19	7	310.22	7	63.16	7
7 1/4	1,544.86	7 1/4	1,048.75	7 1/4	553.04	7 1/4	305.05	7 1/4	58.38	7 1/4
7 1/2	1,539.70	7 1/2	1,043.59	7 1/2	547.88	7 1/2	299.89	7 1/2	53.67	7 1/2
7 3/4	1,534.53	7 3/4	1,038.42	7 3/4	542.73	7 3/4	294.72	7 3/4	48.96	7 3/4
8	1,529.36	8	1,033.25	8	537.57	8	289.55	8	44.33	8
8 1/4	1,524.19	8 1/4	1,028.08	8 1/4	532.41	8 1/4	284.38	8 1/4	39.87	8 1/4
8 1/2	1,519.03	8 1/2	1,022.92	8 1/2	527.24	8 1/2	279.22	8 1/2	35.49	8 1/2
8 3/4	1,513.86	8 3/4	1,017.75	8 3/4	522.08	8 3/4	274.05	8 3/4	31.11	8 3/4
9	1,508.69	9	1,012.58	9	516.91	9	268.88	9	26.95	9
9 1/4	1,503.52	9 1/4	1,007.41	9 1/4	511.74	9 1/4	263.71	9 1/4	23.23	9 1/4
9 1/2	1,498.36	9 1/2	1,002.25	9 1/2	506.58	9 1/2	258.55	9 1/2	19.73	9 1/2
9 3/4	1,493.19	9 3/4	997.08	9 3/4	501.41	9 3/4	253.38	9 3/4	16.24	9 3/4
10	1,488.02	10	991.91	10	496.24	10	248.21	10	13.08	10
10 1/4	1,482.85	10 1/4	986.74	10 1/4	491.08	10 1/4	243.04	10 1/4	10.61	10 1/4
10 1/2	1,477.68	10 1/2	981.58	10 1/2	485.91	10 1/2	237.88	10 1/2	8.47	10 1/2
10 3/4	1,472.51	10 3/4	976.41	10 3/4	480.75	10 3/4	232.71	10 3/4	6.34	10 3/4
11	1,467.34	11	971.24	11	475.58	11	227.54	11	4.54	11
11 1/4	1,462.17	11 1/4	966.07	11 1/4	470.41	11 1/4	222.37	11 1/4	3.41	11 1/4
11 1/2	1,457.01	11 1/2	960.91	11 1/2	465.25	11 1/2	217.21	11 1/2	2.62	11 1/2
11 3/4	1,451.84	11 3/4	955.74	11 3/4	460.08	11 3/4	212.04	11 3/4	1.82	11 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

RECOMPUTED: 01/20/1997 ITS  
REPRINTED: 06/03/2003 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2003

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77580

http://www.pma.com



# BARGE "CBC 30"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF U.S. GALLONS

FORMERLY "KIRBY 10377"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
0	10	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0	10	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190
200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260
270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270
280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280
290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290
300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300

RECUMPUTED IN ACCORDANCE WITH API CHAPTER 2.2  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MM" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 1" OFF CENTERLINE AND 31" OFF FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77688  
<http://www.omacorp.net>



# BARGE "CBC 30"

## 2 CENTER ULLAGE TABLE

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

FORMERLY "KIRBY 10377"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
1,590.08	1,441.85	1,193.62	945.38	697.24	449.37	201.16	1178	0.63											
1,684.91	1,436.68	1,188.45	940.21	692.08	444.20	195.98	1178												
1,679.74	1,431.50	1,183.27	935.04	686.91	439.03	190.81	1178												
1,674.57	1,426.33	1,178.10	929.87	681.75	433.86	185.64	1178												
1,669.40	1,421.16	1,172.93	924.70	676.59	428.69	180.47	1178												
1,664.23	1,415.99	1,167.76	919.53	671.43	423.52	175.30	1178												
1,659.05	1,410.82	1,162.59	914.35	666.27	418.34	170.13	1178												
1,653.88	1,405.65	1,157.42	909.18	661.11	413.17	164.96	1178												
1,648.71	1,400.48	1,152.25	904.01	655.95	408.00	159.79	1178												
1,643.54	1,395.31	1,147.08	898.84	650.79	402.83	154.62	1178												
1,638.36	1,390.13	1,141.90	893.67	645.63	397.66	149.44	1178												
1,633.19	1,384.96	1,136.73	888.50	640.47	392.49	144.27	1178												
1,628.02	1,379.79	1,131.56	883.33	635.31	387.32	139.10	1178												
1,622.85	1,374.62	1,126.39	878.16	630.15	382.15	133.93	1178												
1,617.68	1,369.45	1,121.21	872.98	624.98	376.98	128.76	1178												
1,612.51	1,364.28	1,116.04	867.81	619.83	371.81	123.59	1178												
1,607.34	1,359.11	1,110.87	862.64	614.67	366.64	118.42	1178												
1,602.17	1,353.94	1,105.70	857.47	609.51	361.47	113.25	1178												
1,596.99	1,348.76	1,100.53	852.29	604.34	356.29	108.07	1178												
1,591.82	1,343.59	1,095.36	847.12	599.18	351.12	103.00	1178												
1,586.65	1,338.42	1,090.19	841.95	594.02	345.95	97.83	1178												
1,581.48	1,333.25	1,085.02	836.78	588.86	340.78	92.66	1178												
1,576.30	1,328.07	1,079.84	831.61	583.70	335.61	87.49	1178												
1,571.13	1,322.90	1,074.67	826.44	578.54	330.44	82.32	1178												
1,565.96	1,317.73	1,069.50	821.27	573.38	325.27	77.15	1178												
1,560.79	1,312.56	1,064.33	816.10	568.22	320.10	71.98	1178												
1,555.62	1,307.39	1,059.16	810.92	563.06	314.92	66.81	1178												
1,550.45	1,302.22	1,053.99	805.75	557.90	309.75	61.64	1178												
1,545.28	1,297.05	1,048.82	800.58	552.74	304.58	56.47	1178												
1,540.11	1,291.88	1,043.65	795.41	547.58	299.41	51.30	1178												
1,534.93	1,286.70	1,038.47	790.24	542.42	294.24	46.13	1178												
1,529.76	1,281.53	1,033.30	785.07	537.25	289.07	40.96	1178												
1,524.59	1,276.36	1,028.13	779.90	532.09	283.90	35.79	1178												
1,519.42	1,271.19	1,022.96	774.73	526.93	278.73	30.62	1178												
1,514.25	1,266.02	1,017.78	769.55	521.76	273.55	25.45	1178												
1,509.08	1,260.85	1,012.61	764.38	516.59	268.38	20.28	1178												
1,503.91	1,255.68	1,007.44	759.21	511.42	263.21	15.11	1178												
1,498.74	1,250.51	1,002.27	754.04	506.25	258.04	9.94	1178												
1,493.56	1,245.33	997.10	748.86	501.07	252.87	4.77	1178												
1,488.39	1,240.16	991.93	743.69	495.90	247.70	0.60	1178												
1,483.22	1,234.99	986.76	738.53	490.73	242.53	0.43	1178												
1,478.05	1,229.82	981.59	733.37	485.56	237.36	0.26	1178												
1,472.88	1,224.64	976.41	728.20	480.39	232.18	0.09	1178												
1,467.71	1,219.47	971.24	723.04	475.22	227.01	0.02	1178												
1,462.54	1,214.30	966.07	717.88	470.05	221.84	0.00	1178												
1,457.37	1,209.13	960.90	712.72	464.88	216.67	0.00	1178												
1,452.19	1,203.96	955.72	707.56	459.71	211.50	0.00	1178												
1,447.02	1,198.79	950.55	702.40	454.54	206.33	0.00	1178												

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

RECOMPUTED: 8/17/2019 ITS  
REPRINTED: 8/8/2020 SW

CANCELS AND SUPERCEDES ALL PRIOR TO 082003

PRECISION MEASUREMENT & ANALYSIS, INC.  
P.O. Box 2992  
Pearland, Texas 77588

http://www.bimacorn.net



# BARGE "CBC 30"

## 3 CENTER ULLAGE TABLE

FORMERLY "KIRBY 10377"

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

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
0	10	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0	10	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190
200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230
240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260
270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270	270
280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280
290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290
300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300

RECOMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MNC" CLOSED GAUGING DEVICE.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MNC" CLOSED GAUGING DEVICE.  
 GAUGE POINT (HERMETIC) LOCATED 1" OFF CENTERLINE AND 1" OFF FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT & ANALYSIS, INC.  
 P.O. Box 2082  
 Pearland, Texas 77584  
<http://www.jmacorp.net>

SHEET NO. 5 OF 6



# BARGE "CBC 30"

## 3 CENTER ULLAGE TABLE

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

FORMERLY "KIRBY 10377"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H
0	1,700.18	0	1,451.23	0	1,202.29	0	953.34	0	704.47	0	455.90	0	206.97	0	1.10	0	0	0	0
1/4	1,694.98	1/4	1,446.05	1/4	1,197.10	1/4	948.16	1/4	699.30	1/4	450.71	1/4	201.78	1/4	0.63	1/4	1/4	1/4	1/4
1/2	1,689.81	1/2	1,440.86	1/2	1,191.91	1/2	942.96	1/2	694.12	1/2	445.53	1/2	196.59	1/2	0.20	1/2	1/2	1/2	1/2
3/4	1,684.62	3/4	1,435.68	3/4	1,186.73	3/4	937.78	3/4	688.95	3/4	440.34	3/4	191.41	3/4	0.00	3/4	3/4	3/4	3/4
1	1,679.44	1	1,430.49	1	1,181.54	1	932.59	1	683.77	1	435.16	1	186.22	1	0.00	1	1	1	1
1 1/4	1,674.26	1 1/4	1,425.30	1 1/4	1,176.35	1 1/4	927.41	1 1/4	678.58	1 1/4	429.97	1 1/4	181.03	1 1/4	0.00	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,669.06	1 1/2	1,420.11	1 1/2	1,171.17	1 1/2	922.22	1 1/2	673.41	1 1/2	424.78	1 1/2	175.85	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2
2	1,663.88	2	1,414.93	2	1,165.98	2	917.04	2	668.24	2	419.60	2	170.66	2	0.00	2	2	2	2
2 1/4	1,658.69	2 1/4	1,409.74	2 1/4	1,160.80	2 1/4	911.85	2 1/4	663.06	2 1/4	414.41	2 1/4	165.48	2 1/4	0.00	2 1/4	2 1/4	2 1/4	2 1/4
1 1/2	1,653.50	1 1/2	1,404.55	1 1/2	1,155.61	1 1/2	906.66	1 1/2	657.88	1 1/2	409.23	1 1/2	160.29	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1,648.31	1 3/4	1,399.37	1 3/4	1,150.42	1 3/4	901.47	1 3/4	652.71	1 3/4	404.04	1 3/4	155.10	1 3/4	0.00	1 3/4	1 3/4	1 3/4	1 3/4
3	1,643.13	3	1,394.18	3	1,145.24	3	896.29	3	647.53	3	398.86	3	149.92	3	0.00	3	3	3	3
3 1/4	1,637.94	3 1/4	1,389.00	3 1/4	1,140.05	3 1/4	891.10	3 1/4	642.36	3 1/4	393.67	3 1/4	144.73	3 1/4	0.00	3 1/4	3 1/4	3 1/4	3 1/4
1 1/2	1,632.76	1 1/2	1,383.81	1 1/2	1,134.87	1 1/2	885.91	1 1/2	637.18	1 1/2	388.48	1 1/2	139.55	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1,627.57	1 3/4	1,378.62	1 3/4	1,129.68	1 3/4	880.73	1 3/4	632.01	1 3/4	383.29	1 3/4	134.36	1 3/4	0.00	1 3/4	1 3/4	1 3/4	1 3/4
2	1,622.38	2	1,373.44	2	1,124.50	2	875.54	2	626.83	2	378.11	2	129.18	2	0.00	2	2	2	2
2 1/4	1,617.20	2 1/4	1,368.25	2 1/4	1,119.31	2 1/4	870.36	2 1/4	621.66	2 1/4	372.92	2 1/4	123.99	2 1/4	0.00	2 1/4	2 1/4	2 1/4	2 1/4
1 1/2	1,612.01	1 1/2	1,363.07	1 1/2	1,114.12	1 1/2	865.17	1 1/2	616.48	1 1/2	367.73	1 1/2	118.80	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1,606.82	1 3/4	1,357.88	1 3/4	1,108.93	1 3/4	859.98	1 3/4	611.31	1 3/4	362.53	1 3/4	113.61	1 3/4	0.00	1 3/4	1 3/4	1 3/4	1 3/4
3	1,601.64	3	1,352.70	3	1,103.75	3	854.80	3	606.13	3	357.34	3	108.43	3	0.00	3	3	3	3
3 1/4	1,596.45	3 1/4	1,347.51	3 1/4	1,098.56	3 1/4	849.61	3 1/4	600.96	3 1/4	352.15	3 1/4	103.24	3 1/4	0.00	3 1/4	3 1/4	3 1/4	3 1/4
1 1/2	1,591.27	1 1/2	1,342.32	1 1/2	1,093.37	1 1/2	844.43	1 1/2	595.78	1 1/2	346.97	1 1/2	98.06	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1,586.08	1 3/4	1,337.13	1 3/4	1,088.18	1 3/4	839.24	1 3/4	590.60	1 3/4	341.78	1 3/4	92.88	1 3/4	0.00	1 3/4	1 3/4	1 3/4	1 3/4
2	1,580.90	2	1,331.95	2	1,083.00	2	834.06	2	585.43	2	336.61	2	87.71	2	0.00	2	2	2	2
2 1/4	1,575.71	2 1/4	1,326.76	2 1/4	1,077.81	2 1/4	828.87	2 1/4	580.25	2 1/4	331.43	2 1/4	82.54	2 1/4	0.00	2 1/4	2 1/4	2 1/4	2 1/4
1 1/2	1,570.52	1 1/2	1,321.57	1 1/2	1,072.63	1 1/2	823.68	1 1/2	575.08	1 1/2	326.25	1 1/2	77.38	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1,565.33	1 3/4	1,316.39	1 3/4	1,067.44	1 3/4	818.49	1 3/4	569.90	1 3/4	321.08	1 3/4	72.21	1 3/4	0.00	1 3/4	1 3/4	1 3/4	1 3/4
2	1,560.15	2	1,311.20	2	1,062.26	2	813.31	2	564.73	2	315.88	2	67.04	2	0.00	2	2	2	2
2 1/4	1,554.96	2 1/4	1,306.02	2 1/4	1,057.07	2 1/4	808.12	2 1/4	559.55	2 1/4	310.69	2 1/4	61.87	2 1/4	0.00	2 1/4	2 1/4	2 1/4	2 1/4
1 1/2	1,549.77	1 1/2	1,300.83	1 1/2	1,051.88	1 1/2	802.93	1 1/2	554.38	1 1/2	305.50	1 1/2	56.70	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1,544.59	1 3/4	1,295.64	1 3/4	1,046.69	1 3/4	797.74	1 3/4	549.20	1 3/4	300.31	1 3/4	51.53	1 3/4	0.00	1 3/4	1 3/4	1 3/4	1 3/4
2	1,539.40	2	1,290.46	2	1,041.51	2	792.56	2	544.03	2	295.13	2	46.36	2	0.00	2	2	2	2
2 1/4	1,534.22	2 1/4	1,285.27	2 1/4	1,036.32	2 1/4	787.37	2 1/4	538.85	2 1/4	289.94	2 1/4	41.19	2 1/4	0.00	2 1/4	2 1/4	2 1/4	2 1/4
1 1/2	1,529.03	1 1/2	1,280.08	1 1/2	1,031.13	1 1/2	782.19	1 1/2	533.67	1 1/2	284.75	1 1/2	36.02	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1,523.84	1 3/4	1,274.89	1 3/4	1,025.95	1 3/4	777.00	1 3/4	528.48	1 3/4	279.57	1 3/4	30.85	1 3/4	0.00	1 3/4	1 3/4	1 3/4	1 3/4
2	1,518.65	2	1,269.71	2	1,020.76	2	771.82	2	523.30	2	274.38	2	25.68	2	0.00	2	2	2	2
2 1/4	1,513.47	2 1/4	1,264.52	2 1/4	1,015.58	2 1/4	766.63	2 1/4	518.12	2 1/4	269.20	2 1/4	20.51	2 1/4	0.00	2 1/4	2 1/4	2 1/4	2 1/4
1 1/2	1,508.28	1 1/2	1,259.33	1 1/2	1,010.39	1 1/2	761.44	1 1/2	512.93	1 1/2	264.01	1 1/2	15.34	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1,503.09	1 3/4	1,254.15	1 3/4	1,005.20	1 3/4	756.25	1 3/4	507.75	1 3/4	258.83	1 3/4	10.17	1 3/4	0.00	1 3/4	1 3/4	1 3/4	1 3/4
2	1,497.91	2	1,248.96	2	1,000.02	2	751.07	2	502.56	2	253.64	2	5.00	2	0.00	2	2	2	2
2 1/4	1,492.72	2 1/4	1,243.78	2 1/4	994.83	2 1/4	745.88	2 1/4	497.38	2 1/4	248.46	2 1/4	0.00	2 1/4	0.00	2 1/4	2 1/4	2 1/4	2 1/4
1 1/2	1,487.53	1 1/2	1,238.59	1 1/2	989.65	1 1/2	740.70	1 1/2	492.19	1 1/2	243.27	1 1/2	0.00	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1,482.35	1 3/4	1,233.40	1 3/4	984.46	1 3/4	735.52	1 3/4	487.01	1 3/4	238.08	1 3/4	0.00	1 3/4	0.00	1 3/4	1 3/4	1 3/4	1 3/4
2	1,477.16	2	1,228.22	2	979.28	2	730.35	2	481.82	2	232.90	2	0.00	2	0.00	2	2	2	2
2 1/4	1,471.98	2 1/4	1,223.03	2 1/4	974.09	2 1/4	725.17	2 1/4	476.64	2 1/4	227.71	2 1/4	0.00	2 1/4	0.00	2 1/4	2 1/4	2 1/4	2 1/4
1 1/2	1,466.79	1 1/2	1,217.85	1 1/2	968.90	1 1/2	720.00	1 1/2	471.45	1 1/2	222.53	1 1/2	0.00	1 1/2	0.00	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1,461.60	1 3/4	1,212.66	1 3/4	963.71	1 3/4	714.82	1 3/4	466.27	1 3/4	217.34	1 3/4	0.00	1 3/4	0.00	1 3/4	1 3/4	1 3/4	1 3/4
2	1,456.42	2	1,207.48	2	958.53	2	709.65	2	461.08	2	212.16	2	0.00	2	0.00	2	2	2	2

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