



BARGE "CBC 25"

INNAGE TRIM TABLE

FORMERLY "GBL 1410 AND KIRBY 10373"

	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	- 00-1/4	00-1/4	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-3/4	01-3/4
3 CENTER	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8

(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 INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 157'-00"

November 4, 2016

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

<http://www.pmacorp.net>



BARGE "CBC 25"

1 CENTER INNAGE TABLE

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

FORMERLY "GBL 1410 and KIRBY 10373"

GAUGE HEIGHT 16'-10 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	0.63	0	204.42	0	452.60	0	700.43	0	948.55	0	1,196.75	0	1,444.95	0	1,693.15	0	1,941.36	0	2,189.56
1/4	1.34	1/4	209.59	1/4	457.77	1/4	705.59	1/4	953.72	1/4	1,201.92	1/4	1,450.12	1/4	1,698.32	1/4	1,946.53	1/4	2,194.73
1/2	2.05	1/2	214.76	1/2	462.94	1/2	710.75	1/2	958.89	1/2	1,207.09	1/2	1,455.29	1/2	1,703.49	1/2	1,951.70	1/2	2,199.90
3/4	2.76	3/4	219.93	3/4	468.11	3/4	715.91	3/4	964.06	3/4	1,212.26	3/4	1,460.46	3/4	1,708.66	3/4	1,956.87	3/4	2,205.07
1	3.47	1	225.10	1	473.28	1	721.07	1	969.23	1	1,217.43	1	1,465.63	1	1,713.83	1	1,962.04	1	2,210.24
1/4	5.44	1/4	230.27	1/4	478.45	1/4	726.23	1/4	974.40	1/4	1,222.60	1/4	1,470.80	1/4	1,719.00	1/4	1,967.21	1/4	2,215.41
1/2	7.40	1/2	235.44	1/2	483.62	1/2	731.39	1/2	979.57	1/2	1,227.77	1/2	1,475.97	1/2	1,724.18	1/2	1,972.39	1/2	2,220.58
3/4	9.37	3/4	240.61	3/4	488.79	3/4	736.55	3/4	984.74	3/4	1,232.94	3/4	1,481.14	3/4	1,729.35	3/4	1,977.56	3/4	2,225.75
2	11.33	2	245.78	2	493.96	2	741.71	2	989.91	2	1,238.11	2	1,486.31	2	1,734.52	2	1,982.73	2	2,230.92
1/4	14.68	1/4	250.95	1/4	499.13	1/4	746.88	1/4	995.08	1/4	1,243.28	1/4	1,491.48	1/4	1,739.69	1/4	1,987.90	1/4	2,236.09
1/2	18.03	1/2	256.12	1/2	504.30	1/2	752.05	1/2	1,000.26	1/2	1,248.46	1/2	1,496.65	1/2	1,744.86	1/2	1,993.07	1/2	2,241.27
3/4	21.37	3/4	261.29	3/4	509.47	3/4	757.23	3/4	1,005.43	3/4	1,253.63	3/4	1,501.82	3/4	1,750.03	3/4	1,998.24	3/4	2,246.44
3	24.72	3	266.46	3	514.64	3	762.40	3	1,010.60	3	1,258.80	3	1,506.99	3	1,755.20	3	2,003.41	3	2,251.61
1/4	29.05	1/4	271.63	1/4	519.81	1/4	767.57	1/4	1,015.77	1/4	1,263.97	1/4	1,512.16	1/4	1,760.37	1/4	2,008.58	1/4	2,256.78
1/2	33.37	1/2	276.81	1/2	524.98	1/2	772.74	1/2	1,020.94	1/2	1,269.14	1/2	1,517.34	1/2	1,765.54	1/2	2,013.75	1/2	2,261.95
3/4	37.70	3/4	281.98	3/4	530.14	3/4	777.91	3/4	1,026.11	3/4	1,274.31	3/4	1,522.51	3/4	1,770.71	3/4	2,018.92	3/4	2,267.12
4	42.02	4	287.15	4	535.31	4	783.08	4	1,031.28	4	1,279.48	4	1,527.68	4	1,775.88	4	2,024.09	4	2,272.29
1/4	46.69	1/4	292.32	1/4	540.47	1/4	788.25	1/4	1,036.45	1/4	1,284.65	1/4	1,532.85	1/4	1,781.05	1/4	2,029.26	1/4	2,277.46
1/2	51.37	1/2	297.49	1/2	545.63	1/2	793.42	1/2	1,041.62	1/2	1,289.82	1/2	1,538.02	1/2	1,786.23	1/2	2,034.44	1/2	2,282.63
3/4	56.04	3/4	302.66	3/4	550.79	3/4	798.59	3/4	1,046.79	3/4	1,294.99	3/4	1,543.19	3/4	1,791.40	3/4	2,039.61	3/4	2,287.80
5	60.71	5	307.83	5	555.95	5	803.76	5	1,051.96	5	1,300.16	5	1,548.36	5	1,796.57	5	2,044.78	5	2,292.97
1/4	65.67	1/4	313.00	1/4	561.11	1/4	808.93	1/4	1,057.13	1/4	1,305.33	1/4	1,553.53	1/4	1,801.74	1/4	2,049.95	1/4	2,298.14
1/2	70.62	1/2	318.17	1/2	566.27	1/2	814.10	1/2	1,062.31	1/2	1,310.51	1/2	1,558.70	1/2	1,806.91	1/2	2,055.12	1/2	2,303.31
3/4	75.58	3/4	323.34	3/4	571.43	3/4	819.28	3/4	1,067.48	3/4	1,315.68	3/4	1,563.87	3/4	1,812.08	3/4	2,060.29	3/4	2,308.48
6	80.53	6	328.51	6	576.59	6	824.45	6	1,072.65	6	1,320.85	6	1,569.04	6	1,817.25	6	2,065.46	6	2,313.65
1/4	85.65	1/4	333.68	1/4	581.75	1/4	829.62	1/4	1,077.82	1/4	1,326.02	1/4	1,574.21	1/4	1,822.42	1/4	2,070.63	1/4	2,318.82
1/2	90.77	1/2	338.85	1/2	586.91	1/2	834.79	1/2	1,082.99	1/2	1,331.19	1/2	1,579.39	1/2	1,827.60	1/2	2,075.81	1/2	2,323.99
3/4	95.89	3/4	344.02	3/4	592.07	3/4	839.96	3/4	1,088.16	3/4	1,336.36	3/4	1,584.56	3/4	1,832.77	3/4	2,080.98	3/4	2,329.16
7	101.01	7	349.19	7	597.23	7	845.13	7	1,093.33	7	1,341.53	7	1,589.73	7	1,837.94	7	2,086.15	7	2,334.33
1/4	106.18	1/4	354.36	1/4	602.39	1/4	850.30	1/4	1,098.50	1/4	1,346.70	1/4	1,594.90	1/4	1,843.11	1/4	2,091.32	1/4	2,339.50
1/2	111.35	1/2	359.53	1/2	607.55	1/2	855.47	1/2	1,103.67	1/2	1,351.87	1/2	1,600.07	1/2	1,848.28	1/2	2,096.49	1/2	2,344.67
3/4	116.52	3/4	364.70	3/4	612.71	3/4	860.64	3/4	1,108.84	3/4	1,357.04	3/4	1,605.24	3/4	1,853.45	3/4	2,101.66	3/4	2,349.84
8	121.69	8	369.87	8	617.87	8	865.81	8	1,114.01	8	1,362.21	8	1,610.41	8	1,858.62	8	2,106.83	8	2,355.01
1/4	126.86	1/4	375.04	1/4	623.03	1/4	870.98	1/4	1,119.18	1/4	1,367.38	1/4	1,615.58	1/4	1,863.79	1/4	2,112.00	1/4	2,360.18
1/2	132.03	1/2	380.22	1/2	628.19	1/2	876.15	1/2	1,124.36	1/2	1,372.56	1/2	1,620.75	1/2	1,868.96	1/2	2,117.17	1/2	2,365.36
3/4	137.20	3/4	385.39	3/4	633.35	3/4	881.33	3/4	1,129.53	3/4	1,377.73	3/4	1,625.92	3/4	1,874.13	3/4	2,122.34	3/4	2,370.53
9	142.37	9	390.56	9	638.51	9	886.50	9	1,134.70	9	1,382.90	9	1,631.09	9	1,879.30	9	2,127.51	9	2,375.70
1/4	147.54	1/4	395.73	1/4	643.67	1/4	891.67	1/4	1,139.87	1/4	1,388.07	1/4	1,636.26	1/4	1,884.47	1/4	2,132.68	1/4	2,380.87
1/2	152.71	1/2	400.90	1/2	648.83	1/2	896.84	1/2	1,145.04	1/2	1,393.24	1/2	1,641.44	1/2	1,889.65	1/2	2,137.86	1/2	2,386.04
3/4	157.88	3/4	406.07	3/4	653.99	3/4	902.01	3/4	1,150.21	3/4	1,398.41	3/4	1,646.61	3/4	1,894.82	3/4	2,143.03	3/4	2,391.21
10	163.05	10	411.24	10	659.15	10	907.18	10	1,155.38	10	1,403.58	10	1,651.78	10	1,899.99	10	2,148.20	10	2,396.38
1/4	168.22	1/4	416.41	1/4	664.31	1/4	912.35	1/4	1,160.55	1/4	1,408.75	1/4	1,656.95	1/4	1,905.16	1/4	2,153.37	1/4	2,401.55
1/2	173.39	1/2	421.58	1/2	669.47	1/2	917.52	1/2	1,165.72	1/2	1,413.92	1/2	1,662.12	1/2	1,910.33	1/2	2,158.54	1/2	2,406.72
3/4	178.56	3/4	426.75	3/4	674.63	3/4	922.69	3/4	1,170.89	3/4	1,419.09	3/4	1,667.29	3/4	1,915.50	3/4	2,163.71	3/4	2,411.89
11	183.73	11	431.92	11	679.79	11	927.86	11	1,176.06	11	1,424.26	11	1,672.46	11	1,920.67	11	2,168.88	11	2,417.06
1/4	188.90	1/4	437.09	1/4	684.95	1/4	933.03	1/4	1,181.23	1/4	1,429.43	1/4	1,677.63	1/4	1,925.84	1/4	2,174.05	1/4	2,422.23
1/2	194.08	1/2	442.26	1/2	690.11	1/2	938.20	1/2	1,186.41	1/2	1,434.61	1/2	1,682.81	1/2	1,931.02	1/2	2,179.22	1/2	2,427.40
3/4	199.25	3/4	447.43	3/4	695.27	3/4	943.38	3/4	1,191.58	3/4	1,439.78	3/4	1,687.98	3/4	1,936.19	3/4	2,184.39	3/4	2,432.57

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TOP OF THREAD ON MMC VALVE.

GAUGE POINT: (MMC) LOCATED 01'-00" OFF CENTERLINE AND 25'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 25"

1 CENTER INNAGE TABLE

FORMERLY "GBL 1410 and KIRBY 10373"

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

GAUGE HEIGHT 16'-10 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	2,437.74	0	2,677.10	0	2,906.86	0	3,136.63	0	3,366.41	0		0		0		0		0	
1/4	2,442.91	1/4	2,681.89	1/4	2,911.65	1/4	3,141.42	1/4	3,371.20	1/4		1/4		1/4		1/4		1/4	
1/2	2,448.08	1/2	2,686.67	1/2	2,916.44	1/2	3,146.21	1/2	3,375.98	1/2		1/2		1/2		1/2		1/2	
3/4	2,453.25	3/4	2,691.46	3/4	2,921.22	3/4	3,150.99	3/4	3,380.77	3/4		3/4		3/4		3/4		3/4	
1	2,458.42	1	2,696.24	1	2,926.01	1	3,155.78	1	3,385.56	1		1		1		1		1	
1/4	2,463.59	1/4	2,701.03	1/4	2,930.80	1/4	3,160.57	1/4	3,390.34	1/4		1/4		1/4		1/4		1/4	
1/2	2,468.76	1/2	2,705.82	1/2	2,935.59	1/2	3,165.36	1/2	3,395.13	1/2		1/2		1/2		1/2		1/2	
3/4	2,473.93	3/4	2,710.60	3/4	2,940.37	3/4	3,170.14	3/4	3,399.91	3/4		3/4		3/4		3/4		3/4	
2	2,479.10	2	2,715.39	2	2,945.16	2	3,174.93	2	3,404.70	2		2		2		2		2	
1/4	2,484.27	1/4	2,720.18	1/4	2,949.95	1/4	3,179.72	1/4	3,409.43	1/4		1/4		1/4		1/4		1/4	
1/2	2,489.45	1/2	2,724.97	1/2	2,954.73	1/2	3,184.51	1/2	3,414.16	1/2		1/2		1/2		1/2		1/2	
3/4	2,494.62	3/4	2,729.75	3/4	2,959.52	3/4	3,189.29	3/4	3,418.90	3/4		3/4		3/4		3/4		3/4	
3	2,499.79	3	2,734.54	3	2,964.30	3	3,194.08	3	3,423.63	3		3		3		3		3	
1/4	2,504.96	1/4	2,739.33	1/4	2,969.09	1/4	3,198.87	1/4	3,427.72	1/4		1/4		1/4		1/4		1/4	
1/2	2,510.13	1/2	2,744.12	1/2	2,973.88	1/2	3,203.66	1/2	3,431.80	1/2		1/2		1/2		1/2		1/2	
3/4	2,515.30	3/4	2,748.90	3/4	2,978.66	3/4	3,208.44	3/4	3,435.89	3/4		3/4		3/4		3/4		3/4	
4	2,520.47	4	2,753.69	4	2,983.45	4	3,213.23	4	3,439.98	4		4		4		4		4	
1/4	2,525.64	1/4	2,758.48	1/4	2,988.24	1/4	3,218.02	1/4	3,443.27	1/4		1/4		1/4		1/4		1/4	
1/2	2,530.81	1/2	2,763.26	1/2	2,993.03	1/2	3,222.80	1/2	3,446.56	1/2		1/2		1/2		1/2		1/2	
3/4	2,535.98	3/4	2,768.05	3/4	2,997.81	3/4	3,227.59	3/4	3,449.86	3/4		3/4		3/4		3/4		3/4	
5	2,541.15	5	2,772.83	5	3,002.60	5	3,232.37	5	3,453.15	5		5		5		5		5	
1/4	2,546.32	1/4	2,777.62	1/4	3,007.39	1/4	3,237.16	1/4	3,455.64	1/4		1/4		1/4		1/4		1/4	
1/2	2,551.49	1/2	2,782.41	1/2	3,012.18	1/2	3,241.94	1/2	3,458.13	1/2		1/2		1/2		1/2		1/2	
3/4	2,556.66	3/4	2,787.19	3/4	3,016.96	3/4	3,246.73	3/4	3,460.63	3/4		3/4		3/4		3/4		3/4	
6	2,561.83	6	2,791.98	6	3,021.75	6	3,251.52	6	3,463.12	6		6		6		6		6	
1/4	2,566.71	1/4	2,796.77	1/4	3,026.54	1/4	3,256.31	1/4	3,464.81	1/4		1/4		1/4		1/4		1/4	
1/2	2,571.60	1/2	2,801.56	1/2	3,031.33	1/2	3,261.09	1/2	3,466.51	1/2		1/2		1/2		1/2		1/2	
3/4	2,576.48	3/4	2,806.34	3/4	3,036.11	3/4	3,265.88	3/4	3,468.20	3/4		3/4		3/4		3/4		3/4	
7	2,581.36	7	2,811.13	7	3,040.90	7	3,270.67	7	3,469.90	7		7		7		7		7	
1/4	2,586.15	1/4	2,815.92	1/4	3,045.69	1/4	3,275.46	1/4	3,470.80	1/4		1/4		1/4		1/4		1/4	
1/2	2,590.94	1/2	2,820.70	1/2	3,050.47	1/2	3,280.24	1/2	3,471.69	1/2		1/2		1/2		1/2		1/2	
3/4	2,595.72	3/4	2,825.49	3/4	3,055.26	3/4	3,285.03	3/4	3,472.59	3/4		3/4		3/4		3/4		3/4	
8	2,600.51	8	2,830.27	8	3,060.04	8	3,289.82	8	3,473.49	8		8		8		8		8	
1/4	2,605.30	1/4	2,835.06	1/4	3,064.83	1/4	3,294.60	1/4	3,473.74	1/4		1/4		1/4		1/4		1/4	
1/2	2,610.09	1/2	2,839.85	1/2	3,069.62	1/2	3,299.39	1/2	3,473.99	1/2		1/2		1/2		1/2		1/2	
3/4	2,614.87	3/4	2,844.63	3/4	3,074.40	3/4	3,304.17	3/4	3,474.11	3/4		3/4		3/4		3/4		3/4	
9	2,619.66	9	2,849.42	9	3,079.19	9	3,308.96	9		9		9		9		9		9	
1/4	2,624.45	1/4	2,854.21	1/4	3,083.98	1/4	3,313.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,629.23	1/2	2,859.00	1/2	3,088.77	1/2	3,318.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,634.02	3/4	2,863.78	3/4	3,093.55	3/4	3,323.32	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,638.80	10	2,868.57	10	3,098.34	10	3,328.11	10		10		10		10		10		10	
1/4	2,643.59	1/4	2,873.36	1/4	3,103.13	1/4	3,332.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,648.38	1/2	2,878.14	1/2	3,107.92	1/2	3,337.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,653.16	3/4	2,882.93	3/4	3,112.70	3/4	3,342.47	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,657.95	11	2,887.71	11	3,117.49	11	3,347.26	11		11		11		11		11		11	
1/4	2,662.74	1/4	2,892.50	1/4	3,122.28	1/4	3,352.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,667.53	1/2	2,897.29	1/2	3,127.06	1/2	3,356.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,672.31	3/4	2,902.07	3/4	3,131.85	3/4	3,361.62	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

DECK MEASUREMENTS: 01/30/2006 SW
REPRINTED: 11/05/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 25"

2 CENTER INNAGE TABLE

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

FORMERLY "GBL 1410 and KIRBY 10373"

GAUGE HEIGHT 16'-10 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	1.10	0	207.22	0	456.44	0	705.29	0	954.46	0	1,203.69	0	1,452.93	0	1,702.17	0	1,951.41	0	2,200.65
1/4	2.05	1/4	212.41	1/4	461.63	1/4	710.47	1/4	959.65	1/4	1,208.88	1/4	1,458.12	1/4	1,707.36	1/4	1,956.60	1/4	2,205.84
1/2	3.00	1/2	217.60	1/2	466.82	1/2	715.66	1/2	964.85	1/2	1,214.08	1/2	1,463.32	1/2	1,712.56	1/2	1,961.80	1/2	2,211.04
3/4	3.95	3/4	222.79	3/4	472.01	3/4	720.84	3/4	970.04	3/4	1,219.27	3/4	1,468.51	3/4	1,717.75	3/4	1,966.99	3/4	2,216.23
1	5.33	1	227.98	1	477.20	1	726.02	1	975.23	1	1,224.46	1	1,473.70	1	1,722.94	1	1,972.18	1	2,221.42
1/4	7.57	1/4	233.17	1/4	482.39	1/4	731.21	1/4	980.42	1/4	1,229.65	1/4	1,478.89	1/4	1,728.13	1/4	1,977.37	1/4	2,226.61
1/2	10.24	1/2	238.37	1/2	487.58	1/2	736.39	1/2	985.62	1/2	1,234.85	1/2	1,484.09	1/2	1,733.33	1/2	1,982.57	1/2	2,231.81
3/4	12.90	3/4	243.56	3/4	492.77	3/4	741.58	3/4	990.81	3/4	1,240.04	3/4	1,489.28	3/4	1,738.52	3/4	1,987.76	3/4	2,237.00
2	15.93	2	248.75	2	497.96	2	746.76	2	996.00	2	1,245.23	2	1,494.47	2	1,743.71	2	1,992.95	2	2,242.19
1/4	19.68	1/4	253.94	1/4	503.15	1/4	751.95	1/4	1,001.19	1/4	1,250.42	1/4	1,499.66	1/4	1,748.90	1/4	1,998.14	1/4	2,247.38
1/2	23.78	1/2	259.14	1/2	508.35	1/2	757.15	1/2	1,006.38	1/2	1,255.62	1/2	1,504.86	1/2	1,754.10	1/2	2,003.34	1/2	2,252.58
3/4	27.89	3/4	264.33	3/4	513.54	3/4	762.34	3/4	1,011.57	3/4	1,260.81	3/4	1,510.05	3/4	1,759.29	3/4	2,008.53	3/4	2,257.77
3	32.08	3	269.52	3	518.73	3	767.53	3	1,016.76	3	1,266.00	3	1,515.24	3	1,764.48	3	2,013.72	3	2,262.96
1/4	36.47	1/4	274.71	1/4	523.92	1/4	772.72	1/4	1,021.95	1/4	1,271.19	1/4	1,520.43	1/4	1,769.67	1/4	2,018.92	1/4	2,268.15
1/2	40.95	1/2	279.91	1/2	529.11	1/2	777.92	1/2	1,027.15	1/2	1,276.39	1/2	1,525.63	1/2	1,774.87	1/2	2,024.11	1/2	2,273.35
3/4	45.42	3/4	285.10	3/4	534.29	3/4	783.11	3/4	1,032.34	3/4	1,281.58	3/4	1,530.82	3/4	1,780.06	3/4	2,029.31	3/4	2,278.54
4	49.84	4	290.29	4	539.48	4	788.30	4	1,037.53	4	1,286.77	4	1,536.01	4	1,785.25	4	2,034.50	4	2,283.73
1/4	54.13	1/4	295.48	1/4	544.66	1/4	793.49	1/4	1,042.72	1/4	1,291.96	1/4	1,541.20	1/4	1,790.44	1/4	2,039.69	1/4	2,288.92
1/2	58.37	1/2	300.68	1/2	549.85	1/2	798.69	1/2	1,047.92	1/2	1,297.16	1/2	1,546.40	1/2	1,795.64	1/2	2,044.89	1/2	2,294.11
3/4	62.60	3/4	305.87	3/4	555.03	3/4	803.88	3/4	1,053.11	3/4	1,302.35	3/4	1,551.59	3/4	1,800.83	3/4	2,050.08	3/4	2,299.30
5	66.86	5	311.06	5	560.21	5	809.07	5	1,058.30	5	1,307.54	5	1,556.78	5	1,806.02	5	2,055.27	5	2,304.49
1/4	71.18	1/4	316.25	1/4	565.39	1/4	814.26	1/4	1,063.49	1/4	1,312.73	1/4	1,561.97	1/4	1,811.21	1/4	2,060.46	1/4	2,309.68
1/2	75.54	1/2	321.45	1/2	570.58	1/2	819.46	1/2	1,068.69	1/2	1,317.93	1/2	1,567.16	1/2	1,816.41	1/2	2,065.66	1/2	2,314.88
3/4	79.89	3/4	326.64	3/4	575.76	3/4	824.65	3/4	1,073.88	3/4	1,323.12	3/4	1,572.35	3/4	1,821.60	3/4	2,070.85	3/4	2,320.07
6	84.35	6	331.83	6	580.94	6	829.84	6	1,079.07	6	1,328.31	6	1,577.54	6	1,826.79	6	2,076.04	6	2,325.26
1/4	89.02	1/4	337.02	1/4	586.12	1/4	835.03	1/4	1,084.26	1/4	1,333.50	1/4	1,582.73	1/4	1,831.98	1/4	2,081.23	1/4	2,330.45
1/2	93.81	1/2	342.21	1/2	591.30	1/2	840.23	1/2	1,089.46	1/2	1,338.70	1/2	1,587.93	1/2	1,837.18	1/2	2,086.43	1/2	2,335.65
3/4	98.59	3/4	347.40	3/4	596.48	3/4	845.42	3/4	1,094.65	3/4	1,343.89	3/4	1,593.12	3/4	1,842.37	3/4	2,091.62	3/4	2,340.84
7	103.47	7	352.59	7	601.66	7	850.61	7	1,099.84	7	1,349.08	7	1,598.31	7	1,847.56	7	2,096.81	7	2,346.03
1/4	108.56	1/4	357.78	1/4	606.84	1/4	855.80	1/4	1,105.03	1/4	1,354.27	1/4	1,603.50	1/4	1,852.75	1/4	2,102.00	1/4	2,351.22
1/2	113.76	1/2	362.98	1/2	612.03	1/2	861.00	1/2	1,110.23	1/2	1,359.47	1/2	1,608.70	1/2	1,857.95	1/2	2,107.20	1/2	2,356.42
3/4	118.95	3/4	368.17	3/4	617.21	3/4	866.19	3/4	1,115.42	3/4	1,364.66	3/4	1,613.89	3/4	1,863.14	3/4	2,112.39	3/4	2,361.61
8	124.14	8	373.36	8	622.39	8	871.38	8	1,120.61	8	1,369.85	8	1,619.08	8	1,868.33	8	2,117.58	8	2,366.80
1/4	129.33	1/4	378.55	1/4	627.57	1/4	876.57	1/4	1,125.80	1/4	1,375.04	1/4	1,624.27	1/4	1,873.52	1/4	2,122.77	1/4	2,371.99
1/2	134.53	1/2	383.75	1/2	632.76	1/2	881.77	1/2	1,131.00	1/2	1,380.24	1/2	1,629.47	1/2	1,878.72	1/2	2,127.97	1/2	2,377.19
3/4	139.72	3/4	388.94	3/4	637.94	3/4	886.96	3/4	1,136.19	3/4	1,385.43	3/4	1,634.66	3/4	1,883.91	3/4	2,133.16	3/4	2,382.38
9	144.91	9	394.13	9	643.12	9	892.15	9	1,141.38	9	1,390.62	9	1,639.85	9	1,889.10	9	2,138.35	9	2,387.57
1/4	150.10	1/4	399.32	1/4	648.30	1/4	897.34	1/4	1,146.57	1/4	1,395.81	1/4	1,645.05	1/4	1,894.29	1/4	2,143.54	1/4	2,392.76
1/2	155.30	1/2	404.52	1/2	653.48	1/2	902.54	1/2	1,151.77	1/2	1,401.01	1/2	1,650.24	1/2	1,899.49	1/2	2,148.74	1/2	2,397.95
3/4	160.49	3/4	409.71	3/4	658.66	3/4	907.73	3/4	1,156.96	3/4	1,406.20	3/4	1,655.44	3/4	1,904.68	3/4	2,153.93	3/4	2,403.14
10	165.68	10	414.90	10	663.84	10	912.92	10	1,162.15	10	1,411.39	10	1,660.63	10	1,909.87	10	2,159.12	10	2,408.33
1/4	170.87	1/4	420.09	1/4	669.02	1/4	918.11	1/4	1,167.34	1/4	1,416.58	1/4	1,665.82	1/4	1,915.06	1/4	2,164.31	1/4	2,413.52
1/2	176.07	1/2	425.29	1/2	674.21	1/2	923.31	1/2	1,172.54	1/2	1,421.78	1/2	1,671.02	1/2	1,920.26	1/2	2,169.51	1/2	2,418.72
3/4	181.26	3/4	430.48	3/4	679.39	3/4	928.50	3/4	1,177.73	3/4	1,426.97	3/4	1,676.21	3/4	1,925.45	3/4	2,174.70	3/4	2,423.91
11	186.45	11	435.67	11	684.57	11	933.69	11	1,182.92	11	1,432.16	11	1,681.40	11	1,930.64	11	2,179.89	11	2,429.10
1/4	191.64	1/4	440.86	1/4	689.75	1/4	938.88	1/4	1,188.11	1/4	1,437.35	1/4	1,686.59	1/4	1,935.83	1/4	2,185.08	1/4	2,434.29
1/2	196.84	1/2	446.06	1/2	694.93	1/2	944.08	1/2	1,193.31	1/2	1,442.55	1/2	1,691.79	1/2	1,941.03	1/2	2,190.27	1/2	2,439.49
3/4	202.03	3/4	451.25	3/4	700.11	3/4	949.27	3/4	1,198.50	3/4	1,447.74	3/4	1,696.98	3/4	1,946.22	3/4	2,195.46	3/4	2,444.68

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TOP OF THREAD ON MMC VALVE.

GAUGE POINT: (MMC) LOCATED 01'-00" OFF CENTERLINE AND 30'-10" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 25"

2 CENTER INNAGE TABLE

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

FORMERLY "GBL 1410 and KIRBY 10373"

GAUGE HEIGHT 16'-10 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	2,449.87	0	2,699.09	0	2,948.31	0	3,197.59	0	3,446.88	0		0		0		0		0	
1/4	2,455.06	1/4	2,704.28	1/4	2,953.50	1/4	3,202.79	1/4	3,452.07	1/4		1/4		1/4		1/4		1/4	
1/2	2,460.26	1/2	2,709.48	1/2	2,958.70	1/2	3,207.98	1/2	3,457.27	1/2		1/2		1/2		1/2		1/2	
3/4	2,465.45	3/4	2,714.67	3/4	2,963.89	3/4	3,213.18	3/4	3,462.46	3/4		3/4		3/4		3/4		3/4	
1	2,470.64	1	2,719.86	1	2,969.08	1	3,218.37	1	3,467.65	1		1		1		1		1	
1/4	2,475.83	1/4	2,725.05	1/4	2,974.27	1/4	3,223.56	1/4	3,472.84	1/4		1/4		1/4		1/4		1/4	
1/2	2,481.03	1/2	2,730.24	1/2	2,979.47	1/2	3,228.76	1/2	3,478.04	1/2		1/2		1/2		1/2		1/2	
3/4	2,486.22	3/4	2,735.43	3/4	2,984.66	3/4	3,233.95	3/4	3,483.23	3/4		3/4		3/4		3/4		3/4	
2	2,491.41	2	2,740.62	2	2,989.85	2	3,239.14	2	3,488.38	2		2		2		2		2	
1/4	2,496.60	1/4	2,745.81	1/4	2,995.05	1/4	3,244.33	1/4	3,493.46	1/4		1/4		1/4		1/4		1/4	
1/2	2,501.80	1/2	2,751.01	1/2	3,000.24	1/2	3,249.53	1/2	3,498.51	1/2		1/2		1/2		1/2		1/2	
3/4	2,506.99	3/4	2,756.20	3/4	3,005.44	3/4	3,254.72	3/4	3,503.55	3/4		3/4		3/4		3/4		3/4	
3	2,512.18	3	2,761.39	3	3,010.63	3	3,259.91	3	3,508.42	3		3		3		3		3	
1/4	2,517.37	1/4	2,766.58	1/4	3,015.82	1/4	3,265.11	1/4	3,512.93	1/4		1/4		1/4		1/4		1/4	
1/2	2,522.56	1/2	2,771.78	1/2	3,021.02	1/2	3,270.30	1/2	3,517.26	1/2		1/2		1/2		1/2		1/2	
3/4	2,527.75	3/4	2,776.97	3/4	3,026.21	3/4	3,275.50	3/4	3,521.58	3/4		3/4		3/4		3/4		3/4	
4	2,532.94	4	2,782.16	4	3,031.40	4	3,280.69	4	3,525.72	4		4		4		4		4	
1/4	2,538.13	1/4	2,787.35	1/4	3,036.59	1/4	3,285.88	1/4	3,529.47	1/4		1/4		1/4		1/4		1/4	
1/2	2,543.33	1/2	2,792.55	1/2	3,041.79	1/2	3,291.08	1/2	3,533.03	1/2		1/2		1/2		1/2		1/2	
3/4	2,548.52	3/4	2,797.74	3/4	3,046.98	3/4	3,296.27	3/4	3,536.58	3/4		3/4		3/4		3/4		3/4	
5	2,553.71	5	2,802.93	5	3,052.18	5	3,301.46	5	3,539.95	5		5		5		5		5	
1/4	2,558.90	1/4	2,808.12	1/4	3,057.37	1/4	3,306.65	1/4	3,542.93	1/4		1/4		1/4		1/4		1/4	
1/2	2,564.10	1/2	2,813.32	1/2	3,062.57	1/2	3,311.85	1/2	3,545.72	1/2		1/2		1/2		1/2		1/2	
3/4	2,569.29	3/4	2,818.51	3/4	3,067.76	3/4	3,317.04	3/4	3,548.51	3/4		3/4		3/4		3/4		3/4	
6	2,574.48	6	2,823.70	6	3,072.95	6	3,322.23	6	3,551.11	6		6		6		6		6	
1/4	2,579.67	1/4	2,828.89	1/4	3,078.14	1/4	3,327.43	1/4	3,553.32	1/4		1/4		1/4		1/4		1/4	
1/2	2,584.87	1/2	2,834.08	1/2	3,083.34	1/2	3,332.62	1/2	3,555.34	1/2		1/2		1/2		1/2		1/2	
3/4	2,590.06	3/4	2,839.27	3/4	3,088.53	3/4	3,337.82	3/4	3,557.36	3/4		3/4		3/4		3/4		3/4	
7	2,595.25	7	2,844.46	7	3,093.72	7	3,343.01	7	3,559.19	7		7		7		7		7	
1/4	2,600.44	1/4	2,849.65	1/4	3,098.91	1/4	3,348.20	1/4	3,560.63	1/4		1/4		1/4		1/4		1/4	
1/2	2,605.64	1/2	2,854.85	1/2	3,104.11	1/2	3,353.40	1/2	3,561.88	1/2		1/2		1/2		1/2		1/2	
3/4	2,610.83	3/4	2,860.04	3/4	3,109.30	3/4	3,358.59	3/4	3,563.13	3/4		3/4		3/4		3/4		3/4	
8	2,616.02	8	2,865.23	8	3,114.50	8	3,363.78	8	3,564.20	8		8		8		8		8	
1/4	2,621.21	1/4	2,870.42	1/4	3,119.69	1/4	3,368.97	1/4	3,564.91	1/4		1/4		1/4		1/4		1/4	
1/2	2,626.40	1/2	2,875.62	1/2	3,124.89	1/2	3,374.17	1/2	3,565.44	1/2		1/2		1/2		1/2		1/2	
3/4	2,631.59	3/4	2,880.81	3/4	3,130.08	3/4	3,379.36	3/4	3,565.97	3/4		3/4		3/4		3/4		3/4	
9	2,636.78	9	2,886.00	9	3,135.27	9	3,384.56	9	3,566.23	9		9		9		9		9	
1/4	2,641.97	1/4	2,891.19	1/4	3,140.46	1/4	3,389.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,647.17	1/2	2,896.39	1/2	3,145.66	1/2	3,394.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,652.36	3/4	2,901.58	3/4	3,150.85	3/4	3,400.14	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,657.55	10	2,906.77	10	3,156.04	10	3,405.33	10		10		10		10		10		10	
1/4	2,662.74	1/4	2,911.96	1/4	3,161.23	1/4	3,410.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,667.94	1/2	2,917.16	1/2	3,166.43	1/2	3,415.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,673.13	3/4	2,922.35	3/4	3,171.62	3/4	3,420.91	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,678.32	11	2,927.54	11	3,176.82	11	3,426.10	11		11		11		11		11		11	
1/4	2,683.51	1/4	2,932.73	1/4	3,182.01	1/4	3,431.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,688.71	1/2	2,937.93	1/2	3,187.21	1/2	3,436.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,693.90	3/4	2,943.12	3/4	3,192.40	3/4	3,441.68	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

DECK MEASUREMENTS: 01/30/2006 SW
REPRINTED: 11/05/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "CBC 25"

3 CENTER INNAGE TABLE

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

FORMERLY "GBL 1410 and KIRBY 10373"

GAUGE HEIGHT 16'-10 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	1.11	0	207.42	0	456.86	0	705.94	0	955.32	0	1,204.78	0	1,454.24	0	1,703.70	0	1,953.17	0	2,202.63
1/4	2.06	1/4	212.62	1/4	462.06	1/4	711.13	1/4	960.52	1/4	1,209.98	1/4	1,459.44	1/4	1,708.90	1/4	1,958.37	1/4	2,207.83
1/2	3.01	1/2	217.82	1/2	467.25	1/2	716.32	1/2	965.72	1/2	1,215.18	1/2	1,464.64	1/2	1,714.10	1/2	1,963.56	1/2	2,213.02
3/4	3.96	3/4	223.01	3/4	472.45	3/4	721.50	3/4	970.91	3/4	1,220.37	3/4	1,469.83	3/4	1,719.29	3/4	1,968.76	3/4	2,218.22
1	5.34	1	228.21	1	477.64	1	726.69	1	976.11	1	1,225.57	1	1,475.03	1	1,724.49	1	1,973.95	1	2,223.41
1/4	7.58	1/4	233.41	1/4	482.84	1/4	731.88	1/4	981.31	1/4	1,230.77	1/4	1,480.23	1/4	1,729.69	1/4	1,979.15	1/4	2,228.61
1/2	10.25	1/2	238.60	1/2	488.04	1/2	737.07	1/2	986.51	1/2	1,235.97	1/2	1,485.42	1/2	1,734.89	1/2	1,984.35	1/2	2,233.81
3/4	12.92	3/4	243.80	3/4	493.23	3/4	742.25	3/4	991.70	3/4	1,241.16	3/4	1,490.62	3/4	1,740.08	3/4	1,989.54	3/4	2,239.00
2	15.95	2	248.99	2	498.43	2	747.44	2	996.90	2	1,246.36	2	1,495.81	2	1,745.28	2	1,994.74	2	2,244.20
1/4	19.70	1/4	254.19	1/4	503.63	1/4	752.64	1/4	1,002.10	1/4	1,251.56	1/4	1,501.01	1/4	1,750.48	1/4	1,999.94	1/4	2,249.40
1/2	23.81	1/2	259.39	1/2	508.82	1/2	757.84	1/2	1,007.30	1/2	1,256.76	1/2	1,506.21	1/2	1,755.67	1/2	2,005.14	1/2	2,254.60
3/4	27.91	3/4	264.58	3/4	514.02	3/4	763.03	3/4	1,012.49	3/4	1,261.95	3/4	1,511.40	3/4	1,760.87	3/4	2,010.33	3/4	2,259.79
3	32.11	3	269.78	3	519.21	3	768.23	3	1,017.69	3	1,267.15	3	1,516.60	3	1,766.06	3	2,015.53	3	2,264.99
1/4	36.50	1/4	274.98	1/4	524.40	1/4	773.43	1/4	1,022.89	1/4	1,272.35	1/4	1,521.80	1/4	1,771.26	1/4	2,020.73	1/4	2,270.19
1/2	40.99	1/2	280.18	1/2	529.60	1/2	778.63	1/2	1,028.09	1/2	1,277.54	1/2	1,527.00	1/2	1,776.46	1/2	2,025.93	1/2	2,275.38
3/4	45.47	3/4	285.37	3/4	534.79	3/4	783.82	3/4	1,033.28	3/4	1,282.74	3/4	1,532.19	3/4	1,781.65	3/4	2,031.12	3/4	2,280.58
4	49.89	4	290.57	4	539.98	4	789.02	4	1,038.48	4	1,287.93	4	1,537.39	4	1,786.85	4	2,036.32	4	2,285.77
1/4	54.19	1/4	295.77	1/4	545.17	1/4	794.22	1/4	1,043.68	1/4	1,293.13	1/4	1,542.59	1/4	1,792.05	1/4	2,041.52	1/4	2,290.97
1/2	58.43	1/2	300.96	1/2	550.36	1/2	799.42	1/2	1,048.87	1/2	1,298.33	1/2	1,547.79	1/2	1,797.25	1/2	2,046.72	1/2	2,296.17
3/4	62.66	3/4	306.16	3/4	555.54	3/4	804.61	3/4	1,054.07	3/4	1,303.52	3/4	1,552.98	3/4	1,802.44	3/4	2,051.91	3/4	2,301.36
5	66.93	5	311.35	5	560.73	5	809.81	5	1,059.26	5	1,308.72	5	1,558.18	5	1,807.64	5	2,057.11	5	2,306.56
1/4	71.26	1/4	316.55	1/4	565.92	1/4	815.01	1/4	1,064.46	1/4	1,313.92	1/4	1,563.38	1/4	1,812.84	1/4	2,062.31	1/4	2,311.76
1/2	75.62	1/2	321.75	1/2	571.10	1/2	820.20	1/2	1,069.66	1/2	1,319.12	1/2	1,568.58	1/2	1,818.04	1/2	2,067.51	1/2	2,316.96
3/4	79.97	3/4	326.94	3/4	576.29	3/4	825.40	3/4	1,074.85	3/4	1,324.31	3/4	1,573.77	3/4	1,823.23	3/4	2,072.70	3/4	2,322.15
6	84.44	6	332.14	6	581.47	6	830.59	6	1,080.05	6	1,329.51	6	1,578.97	6	1,828.43	6	2,077.90	6	2,327.35
1/4	89.12	1/4	337.34	1/4	586.66	1/4	835.79	1/4	1,085.25	1/4	1,334.71	1/4	1,584.17	1/4	1,833.63	1/4	2,083.10	1/4	2,332.55
1/2	93.91	1/2	342.54	1/2	591.85	1/2	840.99	1/2	1,090.45	1/2	1,339.91	1/2	1,589.36	1/2	1,838.83	1/2	2,088.30	1/2	2,337.74
3/4	98.69	3/4	347.73	3/4	597.03	3/4	846.18	3/4	1,095.64	3/4	1,345.10	3/4	1,594.56	3/4	1,844.02	3/4	2,093.49	3/4	2,342.94
7	103.58	7	352.93	7	602.22	7	851.38	7	1,100.84	7	1,350.30	7	1,599.75	7	1,849.22	7	2,098.69	7	2,348.13
1/4	108.68	1/4	358.13	1/4	607.41	1/4	856.58	1/4	1,106.04	1/4	1,355.50	1/4	1,604.95	1/4	1,854.42	1/4	2,103.89	1/4	2,353.33
1/2	113.88	1/2	363.32	1/2	612.59	1/2	861.78	1/2	1,111.24	1/2	1,360.70	1/2	1,610.15	1/2	1,859.62	1/2	2,109.09	1/2	2,358.53
3/4	119.07	3/4	368.52	3/4	617.78	3/4	866.97	3/4	1,116.43	3/4	1,365.89	3/4	1,615.34	3/4	1,864.81	3/4	2,114.28	3/4	2,363.72
8	124.27	8	373.71	8	622.96	8	872.17	8	1,121.63	8	1,371.09	8	1,620.54	8	1,870.01	8	2,119.48	8	2,368.92
1/4	129.47	1/4	378.91	1/4	628.15	1/4	877.37	1/4	1,126.83	1/4	1,376.29	1/4	1,625.74	1/4	1,875.21	1/4	2,124.68	1/4	2,374.12
1/2	134.67	1/2	384.11	1/2	633.34	1/2	882.57	1/2	1,132.03	1/2	1,381.48	1/2	1,630.94	1/2	1,880.41	1/2	2,129.88	1/2	2,379.32
3/4	139.86	3/4	389.30	3/4	638.52	3/4	887.76	3/4	1,137.22	3/4	1,386.68	3/4	1,636.13	3/4	1,885.60	3/4	2,135.07	3/4	2,384.51
9	145.06	9	394.50	9	643.71	9	892.96	9	1,142.42	9	1,391.87	9	1,641.33	9	1,890.80	9	2,140.27	9	2,389.71
1/4	150.26	1/4	399.70	1/4	648.90	1/4	898.16	1/4	1,147.62	1/4	1,397.07	1/4	1,646.53	1/4	1,896.00	1/4	2,145.47	1/4	2,394.91
1/2	155.46	1/2	404.90	1/2	654.08	1/2	903.36	1/2	1,152.82	1/2	1,402.27	1/2	1,651.73	1/2	1,901.20	1/2	2,150.67	1/2	2,400.10
3/4	160.65	3/4	410.09	3/4	659.27	3/4	908.55	3/4	1,158.01	3/4	1,407.46	3/4	1,656.92	3/4	1,906.39	3/4	2,155.86	3/4	2,405.30
10	165.85	10	415.29	10	664.45	10	913.75	10	1,163.21	10	1,412.66	10	1,662.12	10	1,911.59	10	2,161.06	10	2,410.49
1/4	171.05	1/4	420.49	1/4	669.64	1/4	918.95	1/4	1,168.41	1/4	1,417.86	1/4	1,667.32	1/4	1,916.79	1/4	2,166.26	1/4	2,415.69
1/2	176.24	1/2	425.69	1/2	674.83	1/2	924.14	1/2	1,173.60	1/2	1,423.06	1/2	1,672.52	1/2	1,921.99	1/2	2,171.45	1/2	2,420.89
3/4	181.44	3/4	430.88	3/4	680.01	3/4	929.34	3/4	1,178.80	3/4	1,428.25	3/4	1,677.71	3/4	1,927.18	3/4	2,176.65	3/4	2,426.08
11	186.63	11	436.08	11	685.20	11	934.53	11	1,183.99	11	1,433.45	11	1,682.91	11	1,932.38	11	2,181.84	11	2,431.28
1/4	191.83	1/4	441.28	1/4	690.39	1/4	939.73	1/4	1,189.19	1/4	1,438.65	1/4	1,688.11	1/4	1,937.58	1/4	2,187.04	1/4	2,436.48
1/2	197.03	1/2	446.47	1/2	695.57	1/2	944.93	1/2	1,194.39	1/2	1,443.85	1/2	1,693.31	1/2	1,942.78	1/2	2,192.24	1/2	2,441.68
3/4	202.22	3/4	451.67	3/4	700.76	3/4	950.12	3/4	1,199.58	3/4	1,449.04	3/4	1,698.50	3/4	1,947.97	3/4	2,197.43	3/4	2,446.87

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TOP OF THREAD ON MMC VALVE.

GAUGE POINT: (MMC) LOCATED 01'-00" OFF CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 25"

3 CENTER INNAGE TABLE

FORMERLY "GBL 1410 and KIRBY 10373"

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

GAUGE HEIGHT 16'-10 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	2,452.07	0	2,701.50	0	2,950.94	0	3,200.45	0	3,449.96	0		0		0		0		0	
1/4	2,457.27	1/4	2,706.70	1/4	2,956.14	1/4	3,205.65	1/4	3,455.16	1/4		1/4		1/4		1/4		1/4	
1/2	2,462.46	1/2	2,711.90	1/2	2,961.34	1/2	3,210.85	1/2	3,460.36	1/2		1/2		1/2		1/2		1/2	
3/4	2,467.66	3/4	2,717.09	3/4	2,966.54	3/4	3,216.04	3/4	3,465.55	3/4		3/4		3/4		3/4		3/4	
1	2,472.85	1	2,722.29	1	2,971.74	1	3,221.24	1	3,470.75	1		1		1		1		1	
1/4	2,478.05	1/4	2,727.49	1/4	2,976.94	1/4	3,226.44	1/4	3,475.95	1/4		1/4		1/4		1/4		1/4	
1/2	2,483.25	1/2	2,732.69	1/2	2,982.14	1/2	3,231.64	1/2	3,481.15	1/2		1/2		1/2		1/2		1/2	
3/4	2,488.44	3/4	2,737.88	3/4	2,987.33	3/4	3,236.84	3/4	3,486.34	3/4		3/4		3/4		3/4		3/4	
2	2,493.64	2	2,743.08	2	2,992.53	2	3,242.04	2	3,491.53	2		2		2		2		2	
1/4	2,498.84	1/4	2,748.28	1/4	2,997.73	1/4	3,247.24	1/4	3,496.69	1/4		1/4		1/4		1/4		1/4	
1/2	2,504.04	1/2	2,753.47	1/2	3,002.93	1/2	3,252.44	1/2	3,501.83	1/2		1/2		1/2		1/2		1/2	
3/4	2,509.23	3/4	2,758.67	3/4	3,008.12	3/4	3,257.63	3/4	3,506.98	3/4		3/4		3/4		3/4		3/4	
3	2,514.43	3	2,763.86	3	3,013.32	3	3,262.83	3	3,511.97	3		3		3		3		3	
1/4	2,519.63	1/4	2,769.06	1/4	3,018.52	1/4	3,268.03	1/4	3,516.65	1/4		1/4		1/4		1/4		1/4	
1/2	2,524.82	1/2	2,774.26	1/2	3,023.72	1/2	3,273.23	1/2	3,521.17	1/2		1/2		1/2		1/2		1/2	
3/4	2,530.02	3/4	2,779.45	3/4	3,028.91	3/4	3,278.42	3/4	3,525.70	3/4		3/4		3/4		3/4		3/4	
4	2,535.21	4	2,784.65	4	3,034.11	4	3,283.62	4	3,530.03	4		4		4		4		4	
1/4	2,540.41	1/4	2,789.85	1/4	3,039.31	1/4	3,288.82	1/4	3,533.97	1/4		1/4		1/4		1/4		1/4	
1/2	2,545.61	1/2	2,795.05	1/2	3,044.51	1/2	3,294.02	1/2	3,537.73	1/2		1/2		1/2		1/2		1/2	
3/4	2,550.80	3/4	2,800.24	3/4	3,049.71	3/4	3,299.21	3/4	3,541.48	3/4		3/4		3/4		3/4		3/4	
5	2,556.00	5	2,805.44	5	3,054.91	5	3,304.41	5	3,545.04	5		5		5		5		5	
1/4	2,561.20	1/4	2,810.64	1/4	3,060.11	1/4	3,309.61	1/4	3,548.22	1/4		1/4		1/4		1/4		1/4	
1/2	2,566.40	1/2	2,815.83	1/2	3,065.31	1/2	3,314.81	1/2	3,551.20	1/2		1/2		1/2		1/2		1/2	
3/4	2,571.59	3/4	2,821.03	3/4	3,070.50	3/4	3,320.00	3/4	3,554.19	3/4		3/4		3/4		3/4		3/4	
6	2,576.79	6	2,826.22	6	3,075.70	6	3,325.20	6	3,556.98	6		6		6		6		6	
1/4	2,581.99	1/4	2,831.42	1/4	3,080.90	1/4	3,330.40	1/4	3,559.39	1/4		1/4		1/4		1/4		1/4	
1/2	2,587.18	1/2	2,836.62	1/2	3,086.10	1/2	3,335.60	1/2	3,561.60	1/2		1/2		1/2		1/2		1/2	
3/4	2,592.38	3/4	2,841.81	3/4	3,091.29	3/4	3,340.80	3/4	3,563.82	3/4		3/4		3/4		3/4		3/4	
7	2,597.57	7	2,847.01	7	3,096.49	7	3,346.00	7	3,565.84	7		7		7		7		7	
1/4	2,602.77	1/4	2,852.21	1/4	3,101.69	1/4	3,351.20	1/4	3,567.47	1/4		1/4		1/4		1/4		1/4	
1/2	2,607.97	1/2	2,857.41	1/2	3,106.89	1/2	3,356.40	1/2	3,568.92	1/2		1/2		1/2		1/2		1/2	
3/4	2,613.16	3/4	2,862.60	3/4	3,112.08	3/4	3,361.59	3/4	3,570.36	3/4		3/4		3/4		3/4		3/4	
8	2,618.36	8	2,867.80	8	3,117.28	8	3,366.79	8	3,571.62	8		8		8		8		8	
1/4	2,623.56	1/4	2,873.00	1/4	3,122.48	1/4	3,371.99	1/4	3,572.52	1/4		1/4		1/4		1/4		1/4	
1/2	2,628.75	1/2	2,878.19	1/2	3,127.68	1/2	3,377.19	1/2	3,573.25	1/2		1/2		1/2		1/2		1/2	
3/4	2,633.95	3/4	2,883.39	3/4	3,132.87	3/4	3,382.38	3/4	3,573.97	3/4		3/4		3/4		3/4		3/4	
9	2,639.14	9	2,888.58	9	3,138.07	9	3,387.58	9	3,574.33	9		9		9		9		9	
1/4	2,644.34	1/4	2,893.78	1/4	3,143.27	1/4	3,392.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,649.54	1/2	2,898.98	1/2	3,148.47	1/2	3,397.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,654.73	3/4	2,904.17	3/4	3,153.67	3/4	3,403.17	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,659.93	10	2,909.37	10	3,158.87	10	3,408.37	10		10		10		10		10		10	
1/4	2,665.13	1/4	2,914.57	1/4	3,164.07	1/4	3,413.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,670.33	1/2	2,919.77	1/2	3,169.27	1/2	3,418.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,675.52	3/4	2,924.96	3/4	3,174.46	3/4	3,423.97	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,680.72	11	2,930.16	11	3,179.66	11	3,429.17	11		11		11		11		11		11	
1/4	2,685.92	1/4	2,935.36	1/4	3,184.86	1/4	3,434.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,691.11	1/2	2,940.55	1/2	3,190.06	1/2	3,439.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,696.31	3/4	2,945.75	3/4	3,195.25	3/4	3,444.76	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

DECK MEASUREMENTS: 01/30/2006 SW
REPRINTED: 11/05/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

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



BARGE "CBC 25"

ULLAGE TRIM TABLE

FORMERLY "GBL 1410 and KIRBY 10373"

	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	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-3/4	- 01-3/4
3 CENTER	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8

(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: 157'-00"

November 4, 2016

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

<http://www.pmacorp.net>



BARGE "CBC 25"

1 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1410 and KIRBY 10373"

GAUGE HEIGHT 16'-10 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0	3,337.69	0	3,107.92	0	2,878.14	0	2,648.38	0	2,406.72	0	2,158.54	0	1,910.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,332.90	1/4	3,103.13	1/4	2,873.36	1/4	2,643.59	1/4	2,401.55	1/4	2,153.37	1/4	1,905.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,328.11	1/2	3,098.34	1/2	2,868.57	1/2	2,638.80	1/2	2,396.38	1/2	2,148.20	1/2	1,899.99		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,323.32	3/4	3,093.55	3/4	2,863.78	3/4	2,634.02	3/4	2,391.21	3/4	2,143.03	3/4	1,894.82		
1		1		1		1	3,318.54	1	3,088.77	1	2,859.00	1	2,629.23	1	2,386.04	1	2,137.86	1	1,889.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,313.75	1/4	3,083.98	1/4	2,854.21	1/4	2,624.45	1/4	2,380.87	1/4	2,132.68	1/4	1,884.47		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,308.96	1/2	3,079.19	1/2	2,849.42	1/2	2,619.66	1/2	2,375.70	1/2	2,127.51	1/2	1,879.30		
3/4	3/4	3/4	3/4	7/8	3/4	3/4	3,474.11	3/4	3,304.18	3/4	3,074.40	3/4	2,844.63	3/4	2,614.87	3/4	2,370.53	3/4	2,122.34	3/4	1,874.13
2		2		2		2	3,473.99	2	3,299.39	2	3,069.62	2	2,839.85	2	2,610.09	2	2,365.36	2	2,117.17	2	1,868.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,473.74	1/4	3,294.61	1/4	3,064.83	1/4	2,835.06	1/4	2,605.30	1/4	2,360.18	1/4	2,112.00	1/4	1,863.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,473.49	1/2	3,289.82	1/2	3,060.04	1/2	2,830.27	1/2	2,600.51	1/2	2,355.01	1/2	2,106.83	1/2	1,858.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,472.59	3/4	3,285.03	3/4	3,055.26	3/4	2,825.49	3/4	2,595.72	3/4	2,349.84	3/4	2,101.66	3/4	1,853.45
3		3		3		3	3,471.70	3	3,280.25	3	3,050.47	3	2,820.70	3	2,590.94	3	2,344.67	3	2,096.49	3	1,848.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,470.80	1/4	3,275.46	1/4	3,045.69	1/4	2,815.92	1/4	2,586.15	1/4	2,339.50	1/4	2,091.32	1/4	1,843.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,469.90	1/2	3,270.67	1/2	3,040.90	1/2	2,811.13	1/2	2,581.36	1/2	2,334.33	1/2	2,086.15	1/2	1,837.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,468.21	3/4	3,265.88	3/4	3,036.11	3/4	2,806.34	3/4	2,576.48	3/4	2,329.16	3/4	2,080.98	3/4	1,832.77
4		4		4		4	3,466.51	4	3,261.10	4	3,031.33	4	2,801.56	4	2,571.60	4	2,323.99	4	2,075.81	4	1,827.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,464.82	1/4	3,256.31	1/4	3,026.54	1/4	2,796.77	1/4	2,566.71	1/4	2,318.82	1/4	2,070.63	1/4	1,822.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,463.12	1/2	3,251.52	1/2	3,021.75	1/2	2,791.98	1/2	2,561.83	1/2	2,313.65	1/2	2,065.46	1/2	1,817.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,460.63	3/4	3,246.73	3/4	3,016.96	3/4	2,787.19	3/4	2,556.66	3/4	2,308.48	3/4	2,060.29	3/4	1,812.08
5		5		5		5	3,458.14	5	3,241.95	5	3,012.18	5	2,782.41	5	2,551.49	5	2,303.31	5	2,055.12	5	1,806.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,455.64	1/4	3,237.16	1/4	3,007.39	1/4	2,777.62	1/4	2,546.32	1/4	2,298.14	1/4	2,049.95	1/4	1,801.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,453.15	1/2	3,232.37	1/2	3,002.60	1/2	2,772.83	1/2	2,541.15	1/2	2,292.97	1/2	2,044.78	1/2	1,796.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,449.86	3/4	3,227.59	3/4	2,997.81	3/4	2,768.05	3/4	2,535.98	3/4	2,287.80	3/4	2,039.61	3/4	1,791.40
6		6		6		6	3,446.57	6	3,222.80	6	2,993.03	6	2,763.26	6	2,530.81	6	2,282.63	6	2,034.44	6	1,786.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,443.27	1/4	3,218.02	1/4	2,988.24	1/4	2,758.48	1/4	2,525.64	1/4	2,277.46	1/4	2,029.26	1/4	1,781.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,439.98	1/2	3,213.23	1/2	2,983.45	1/2	2,753.69	1/2	2,520.47	1/2	2,272.29	1/2	2,024.09	1/2	1,775.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,435.89	3/4	3,208.44	3/4	2,978.66	3/4	2,748.90	3/4	2,515.30	3/4	2,267.12	3/4	2,018.92	3/4	1,770.71
7		7		7		7	3,431.81	7	3,203.66	7	2,973.88	7	2,744.12	7	2,510.13	7	2,261.95	7	2,013.75	7	1,765.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,427.72	1/4	3,198.87	1/4	2,969.09	1/4	2,739.33	1/4	2,504.96	1/4	2,256.78	1/4	2,008.58	1/4	1,760.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,423.63	1/2	3,194.08	1/2	2,964.30	1/2	2,734.54	1/2	2,499.79	1/2	2,251.61	1/2	2,003.41	1/2	1,755.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,418.90	3/4	3,189.29	3/4	2,959.52	3/4	2,729.75	3/4	2,494.62	3/4	2,246.44	3/4	1,998.24	3/4	1,750.03
8		8		8		8	3,414.17	8	3,184.51	8	2,954.73	8	2,724.97	8	2,489.45	8	2,241.27	8	1,993.07	8	1,744.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,409.43	1/4	3,179.72	1/4	2,949.95	1/4	2,720.18	1/4	2,484.27	1/4	2,236.09	1/4	1,987.90	1/4	1,739.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,404.70	1/2	3,174.93	1/2	2,945.16	1/2	2,715.39	1/2	2,479.10	1/2	2,230.92	1/2	1,982.73	1/2	1,734.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,399.92	3/4	3,170.14	3/4	2,940.37	3/4	2,710.60	3/4	2,473.93	3/4	2,225.75	3/4	1,977.56	3/4	1,729.35
9		9		9		9	3,395.13	9	3,165.36	9	2,935.59	9	2,705.82	9	2,468.76	9	2,220.58	9	1,972.39	9	1,724.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,390.35	1/4	3,160.57	1/4	2,930.80	1/4	2,701.03	1/4	2,463.59	1/4	2,215.41	1/4	1,967.21	1/4	1,719.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,385.56	1/2	3,155.78	1/2	2,926.01	1/2	2,696.24	1/2	2,458.42	1/2	2,210.24	1/2	1,962.04	1/2	1,713.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,380.77	3/4	3,150.99	3/4	2,921.22	3/4	2,691.46	3/4	2,453.25	3/4	2,205.07	3/4	1,956.87	3/4	1,708.66
10		10		10		10	3,375.99	10	3,146.21	10	2,916.44	10	2,686.67	10	2,448.08	10	2,199.90	10	1,951.70	10	1,703.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,371.20	1/4	3,141.42	1/4	2,911.65	1/4	2,681.89	1/4	2,442.91	1/4	2,194.73	1/4	1,946.53	1/4	1,698.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,366.41	1/2	3,136.63	1/2	2,906.86	1/2	2,677.10	1/2	2,437.74	1/2	2,189.56	1/2	1,941.36	1/2	1,693.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,361.62	3/4	3,131.85	3/4	2,902.07	3/4	2,672.31	3/4	2,432.57	3/4	2,184.39	3/4	1,936.19	3/4	1,687.98
11		11		11		11	3,356.84	11	3,127.06	11	2,897.29	11	2,667.53	11	2,427.40	11	2,179.22	11	1,931.02	11	1,682.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,352.05	1/4	3,122.28	1/4	2,892.50	1/4	2,662.74	1/4	2,422.23	1/4	2,174.05	1/4	1,925.84	1/4	1,677.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,347.26	1/2	3,117.49	1/2	2,887.71	1/2	2,657.95	1/2	2,417.06	1/2	2,168.88	1/2	1,920.67	1/2	1,672.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,342.47	3/4	3,112.70	3/4	2,882.93	3/4	2,653.16	3/4	2,411.89	3/4	2,163.71	3/4	1,915.50	3/4	1,667.29

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE IS SCALED FROM THE MMC STANDPIPE AT TOP OF TANK TO THE BOTTOM STRIKE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MMC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 25'-00" FORWARD OF AFT BULKHEAD.
 IF GAUGING FROM GAUGE HATCH, THE TOTAL HT. TO TOP LIP IS 15' 08 7/8" ADJUSTMENT TO ULLAGE GAUGES ADD 13 5/8"

PRECISION MEASUREMENT
& ANALYSIS, INC.

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 Pearland, Texas 77588
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BARGE "CBC 25"

1 CENTER ULLAGE TABLE

FORMERLY "GBL 1410 and KIRBY 10373"

GAUGE HEIGHT 16'-10 1/2"

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

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	1,662.12	0	1,413.92	0	1,165.72	0	917.52	0	669.47	0	421.58	0	173.39	0		0		0	
1/4	1,656.95	1/4	1,408.75	1/4	1,160.55	1/4	912.35	1/4	664.31	1/4	416.41	1/4	168.22	1/4		1/4		1/4	
1/2	1,651.78	1/2	1,403.58	1/2	1,155.38	1/2	907.18	1/2	659.15	1/2	411.24	1/2	163.05	1/2		1/2		1/2	
3/4	1,646.61	3/4	1,398.41	3/4	1,150.21	3/4	902.01	3/4	653.99	3/4	406.07	3/4	157.88	3/4		3/4		3/4	
1	1,641.44	1	1,393.24	1	1,145.04	1	896.84	1	648.83	1	400.90	1	152.71	1		1		1	
1/4	1,636.26	1/4	1,388.07	1/4	1,139.87	1/4	891.67	1/4	643.67	1/4	395.73	1/4	147.54	1/4		1/4		1/4	
1/2	1,631.09	1/2	1,382.90	1/2	1,134.70	1/2	886.50	1/2	638.51	1/2	390.56	1/2	142.37	1/2		1/2		1/2	
3/4	1,625.92	3/4	1,377.73	3/4	1,129.53	3/4	881.33	3/4	633.35	3/4	385.39	3/4	137.20	3/4		3/4		3/4	
2	1,620.75	2	1,372.56	2	1,124.36	2	876.16	2	628.19	2	380.22	2	132.03	2		2		2	
1/4	1,615.58	1/4	1,367.38	1/4	1,119.18	1/4	870.98	1/4	623.03	1/4	375.04	1/4	126.86	1/4		1/4		1/4	
1/2	1,610.41	1/2	1,362.21	1/2	1,114.01	1/2	865.81	1/2	617.87	1/2	369.87	1/2	121.69	1/2		1/2		1/2	
3/4	1,605.24	3/4	1,357.04	3/4	1,108.84	3/4	860.64	3/4	612.71	3/4	364.70	3/4	116.52	3/4		3/4		3/4	
3	1,600.07	3	1,351.87	3	1,103.67	3	855.47	3	607.55	3	359.53	3	111.35	3		3		3	
1/4	1,594.90	1/4	1,346.70	1/4	1,098.50	1/4	850.30	1/4	602.39	1/4	354.36	1/4	106.18	1/4		1/4		1/4	
1/2	1,589.73	1/2	1,341.53	1/2	1,093.33	1/2	845.13	1/2	597.23	1/2	349.19	1/2	101.01	1/2		1/2		1/2	
3/4	1,584.56	3/4	1,336.36	3/4	1,088.16	3/4	839.96	3/4	592.07	3/4	344.02	3/4	95.89	3/4		3/4		3/4	
4	1,579.39	4	1,331.19	4	1,082.99	4	834.79	4	586.91	4	338.85	4	90.77	4		4		4	
1/4	1,574.21	1/4	1,326.02	1/4	1,077.82	1/4	829.62	1/4	581.75	1/4	333.68	1/4	85.65	1/4		1/4		1/4	
1/2	1,569.04	1/2	1,320.85	1/2	1,072.65	1/2	824.45	1/2	576.59	1/2	328.51	1/2	80.53	1/2		1/2		1/2	
3/4	1,563.87	3/4	1,315.68	3/4	1,067.48	3/4	819.28	3/4	571.43	3/4	323.34	3/4	75.58	3/4		3/4		3/4	
5	1,558.70	5	1,310.51	5	1,062.31	5	814.11	5	566.27	5	318.17	5	70.62	5		5		5	
1/4	1,553.53	1/4	1,305.33	1/4	1,057.13	1/4	808.93	1/4	561.11	1/4	313.00	1/4	65.67	1/4		1/4		1/4	
1/2	1,548.36	1/2	1,300.16	1/2	1,051.96	1/2	803.76	1/2	555.95	1/2	307.83	1/2	60.71	1/2		1/2		1/2	
3/4	1,543.19	3/4	1,294.99	3/4	1,046.79	3/4	798.59	3/4	550.79	3/4	302.66	3/4	56.04	3/4		3/4		3/4	
6	1,538.02	6	1,289.82	6	1,041.62	6	793.42	6	545.63	6	297.49	6	51.37	6		6		6	
1/4	1,532.85	1/4	1,284.65	1/4	1,036.45	1/4	788.25	1/4	540.47	1/4	292.32	1/4	46.69	1/4		1/4		1/4	
1/2	1,527.68	1/2	1,279.48	1/2	1,031.28	1/2	783.08	1/2	535.31	1/2	287.15	1/2	42.02	1/2		1/2		1/2	
3/4	1,522.51	3/4	1,274.31	3/4	1,026.11	3/4	777.91	3/4	530.14	3/4	281.98	3/4	37.70	3/4		3/4		3/4	
7	1,517.34	7	1,269.14	7	1,020.94	7	772.74	7	524.98	7	276.81	7	33.37	7		7		7	
1/4	1,512.16	1/4	1,263.97	1/4	1,015.77	1/4	767.57	1/4	519.81	1/4	271.63	1/4	29.05	1/4		1/4		1/4	
1/2	1,506.99	1/2	1,258.80	1/2	1,010.60	1/2	762.40	1/2	514.64	1/2	266.46	1/2	24.72	1/2		1/2		1/2	
3/4	1,501.82	3/4	1,253.63	3/4	1,005.43	3/4	757.23	3/4	509.47	3/4	261.29	3/4	21.37	3/4		3/4		3/4	
8	1,496.65	8	1,248.46	8	1,000.26	8	752.06	8	504.30	8	256.12	8	18.03	8		8		8	
1/4	1,491.48	1/4	1,243.28	1/4	995.08	1/4	746.88	1/4	499.13	1/4	250.95	1/4	14.68	1/4		1/4		1/4	
1/2	1,486.31	1/2	1,238.11	1/2	989.91	1/2	741.71	1/2	493.96	1/2	245.78	1/2	11.33	1/2		1/2		1/2	
3/4	1,481.14	3/4	1,232.94	3/4	984.74	3/4	736.55	3/4	488.79	3/4	240.61	3/4	9.37	3/4		3/4		3/4	
9	1,475.97	9	1,227.77	9	979.57	9	731.39	9	483.62	9	235.44	9	7.40	9		9		9	
1/4	1,470.80	1/4	1,222.60	1/4	974.40	1/4	726.23	1/4	478.45	1/4	230.27	1/4	5.44	1/4		1/4		1/4	
1/2	1,465.63	1/2	1,217.43	1/2	969.23	1/2	721.07	1/2	473.28	1/2	225.10	1/2	3.47	1/2		1/2		1/2	
3/4	1,460.46	3/4	1,212.26	3/4	964.06	3/4	715.91	3/4	468.11	3/4	219.93	3/4	2.76	3/4		3/4		3/4	
10	1,455.29	10	1,207.09	10	958.89	10	710.75	10	462.94	10	214.76	10	2.05	10		10		10	
1/4	1,450.12	1/4	1,201.92	1/4	953.72	1/4	705.59	1/4	457.77	1/4	209.59	1/4	1.34	1/4		1/4		1/4	
1/2	1,444.95	1/2	1,196.75	1/2	948.55	1/2	700.43	1/2	452.60	1/2	204.42	1/2	0.63	1/2		1/2		1/2	
3/4	1,439.78	3/4	1,191.58	3/4	943.38	3/4	695.27	3/4	447.43	3/4	199.25	3/4		3/4		3/4		3/4	
11	1,434.61	11	1,186.41	11	938.21	11	690.11	11	442.26	11	194.08	11		11		11		11	
1/4	1,429.43	1/4	1,181.23	1/4	933.03	1/4	684.95	1/4	437.09	1/4	188.90	1/4		1/4		1/4		1/4	
1/2	1,424.26	1/2	1,176.06	1/2	927.86	1/2	679.79	1/2	431.92	1/2	183.73	1/2		1/2		1/2		1/2	
3/4	1,419.09	3/4	1,170.89	3/4	922.69	3/4	674.63	3/4	426.75	3/4	178.56	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

DECK MEASUREMENTS: 01/30/2006 SW
REPRINTED: 01/31/2006 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2006

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BARGE "CBC 25"

2 CENTER ULLAGE TABLE

FORMERLY "GBL 1410 and KIRBY 10373"

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

GAUGE HEIGHT 16'-10 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0		0		0		0	3,417.78	0	3,168.16	0	2,918.54	0	2,668.99	0	2,419.43	0	2,169.88	0	1,920.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,412.58	1/4	3,162.96	1/4	2,913.34	1/4	2,663.79	1/4	2,414.23	1/4	2,164.68	1/4	1,915.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,407.38	1/2	3,157.76	1/2	2,908.14	1/2	2,658.59	1/2	2,409.03	1/2	2,159.48	1/2	1,909.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,402.18	3/4	3,152.56	3/4	2,902.94	3/4	2,653.39	3/4	2,403.83	3/4	2,154.28	3/4	1,904.69
1		1		1		1	3,396.98	1	3,147.36	1	2,897.75	1	2,648.19	1	2,398.64	1	2,149.08	1	1,899.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,391.78	1/4	3,142.16	1/4	2,892.55	1/4	2,642.99	1/4	2,393.44	1/4	2,143.88	1/4	1,894.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,386.58	1/2	3,136.96	1/2	2,887.35	1/2	2,637.79	1/2	2,388.24	1/2	2,138.68	1/2	1,889.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,381.38	3/4	3,131.76	3/4	2,882.15	3/4	2,632.59	3/4	2,383.04	3/4	2,133.48	3/4	1,883.89
2		2		2		2	3,376.18	2	3,126.56	2	2,876.95	2	2,627.40	2	2,377.84	2	2,128.28	2	1,878.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,558.20	1/4	3,370.98	1/4	3,121.35	1/4	2,871.75	1/4	2,622.20	1/4	2,372.64	1/4	1,873.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,558.09	1/2	3,365.78	1/2	3,116.15	1/2	2,866.55	1/2	2,617.00	1/2	2,367.44	1/2	1,868.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,557.44	3/4	3,360.58	3/4	3,110.95	3/4	2,861.35	3/4	2,611.80	3/4	2,362.24	3/4	1,863.09
3		3		3		3	3,556.79	3	3,355.38	3	3,105.75	3	2,856.16	3	2,606.60	3	2,357.04	3	1,857.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,556.14	1/4	3,350.18	1/4	3,100.55	1/4	2,850.96	1/4	2,601.40	1/4	2,351.84	1/4	1,852.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,555.49	1/2	3,344.98	1/2	3,095.35	1/2	2,845.76	1/2	2,596.20	1/2	2,346.64	1/2	1,847.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,553.97	3/4	3,339.78	3/4	3,090.15	3/4	2,840.56	3/4	2,591.00	3/4	2,341.44	3/4	1,842.29
4		4		4		4	3,552.46	4	3,334.58	4	3,084.95	4	2,835.36	4	2,585.80	4	2,336.25	4	1,837.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,550.94	1/4	3,329.37	1/4	3,079.75	1/4	2,830.16	1/4	2,580.60	1/4	2,331.05	1/4	1,831.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,549.42	1/2	3,324.17	1/2	3,074.55	1/2	2,824.96	1/2	2,575.40	1/2	2,325.85	1/2	1,826.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,547.04	3/4	3,318.97	3/4	3,069.35	3/4	2,819.76	3/4	2,570.20	3/4	2,320.65	3/4	1,821.49
5		5		5		5	3,544.66	5	3,313.77	5	3,064.15	5	2,814.56	5	2,565.01	5	2,315.45	5	1,816.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,542.27	1/4	3,308.57	1/4	3,058.95	1/4	2,809.36	1/4	2,559.81	1/4	2,310.25	1/4	1,811.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,539.89	1/2	3,303.37	1/2	3,053.75	1/2	2,804.16	1/2	2,554.61	1/2	2,305.05	1/2	1,805.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,536.64	3/4	3,298.17	3/4	3,048.55	3/4	2,798.96	3/4	2,549.41	3/4	2,299.85	3/4	1,800.70
6		6		6		6	3,533.39	6	3,292.97	6	3,043.35	6	2,793.77	6	2,544.21	6	2,294.65	6	1,795.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,530.14	1/4	3,287.77	1/4	3,038.15	1/4	2,788.57	1/4	2,539.01	1/4	2,289.45	1/4	1,790.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,526.89	1/2	3,282.57	1/2	3,032.95	1/2	2,783.37	1/2	2,533.81	1/2	2,284.25	1/2	1,785.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,522.77	3/4	3,277.37	3/4	3,027.75	3/4	2,778.17	3/4	2,528.61	3/4	2,279.05	3/4	1,779.90
7		7		7		7	3,518.66	7	3,272.17	7	3,022.55	7	2,772.97	7	2,523.41	7	2,273.86	7	1,774.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,514.54	1/4	3,266.97	1/4	3,017.34	1/4	2,767.77	1/4	2,518.21	1/4	2,268.66	1/4	1,769.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,510.42	1/2	3,261.77	1/2	3,012.14	1/2	2,762.57	1/2	2,513.01	1/2	2,263.46	1/2	1,764.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,505.46	3/4	3,256.57	3/4	3,006.94	3/4	2,757.37	3/4	2,507.81	3/4	2,258.26	3/4	1,759.10
8		8		8		8	3,500.51	8	3,251.37	8	3,001.74	8	2,752.17	8	2,502.62	8	2,253.06	8	1,753.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,495.55	1/4	3,246.17	1/4	2,996.54	1/4	2,746.97	1/4	2,497.42	1/4	2,247.86	1/4	1,748.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,490.59	1/2	3,240.97	1/2	2,991.34	1/2	2,741.77	1/2	2,492.22	1/2	2,242.66	1/2	1,743.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,485.39	3/4	3,235.77	3/4	2,986.14	3/4	2,736.57	3/4	2,487.02	3/4	2,237.46	3/4	1,738.30
9		9		9		9	3,480.19	9	3,230.57	9	2,980.94	9	2,731.38	9	2,481.82	9	2,232.26	9	1,733.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,474.99	1/4	3,225.36	1/4	2,975.74	1/4	2,726.18	1/4	2,476.62	1/4	2,227.06	1/4	1,727.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,469.79	1/2	3,220.16	1/2	2,970.54	1/2	2,720.98	1/2	2,471.42	1/2	2,221.86	1/2	1,722.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,464.59	3/4	3,214.96	3/4	2,965.34	3/4	2,715.78	3/4	2,466.22	3/4	2,216.66	3/4	1,717.50
10		10		10		10	3,459.39	10	3,209.76	10	2,960.14	10	2,710.58	10	2,461.02	10	2,211.47	10	1,712.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,454.19	1/4	3,204.56	1/4	2,954.94	1/4	2,705.38	1/4	2,455.82	1/4	2,206.27	1/4	1,707.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,448.99	1/2	3,199.36	1/2	2,949.74	1/2	2,700.18	1/2	2,450.62	1/2	2,201.07	1/2	1,701.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,443.79	3/4	3,194.16	3/4	2,944.54	3/4	2,694.98	3/4	2,445.42	3/4	2,195.87	3/4	1,696.70
11		11		11		11	3,438.59	11	3,188.96	11	2,939.34	11	2,689.78	11	2,440.23	11	2,190.67	11	1,691.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,433.38	1/4	3,183.76	1/4	2,934.14	1/4	2,684.58	1/4	2,435.03	1/4	2,185.47	1/4	1,686.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,428.18	1/2	3,178.56	1/2	2,928.94	1/2	2,679.38	1/2	2,429.83	1/2	2,180.27	1/2	1,681.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,422.98	3/4	3,173.36	3/4	2,923.74	3/4	2,674.18	3/4	2,424.63	3/4	2,175.07	3/4	1,675.90

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE IS SCALED FROM THE MMC STANDPIPE AT TOP OF TANK TO THE BOTTOM STRIKE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MMC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 30"-10" FORWARD OF AFT BULKHEAD.
 IF GAUGING FROM GAUGE HATCH, THE TOTAL HT. TO TOP LIP IS 15' 09 1/4" ADJUSTMENT TO ULLAGE GAUGES ADD 13 1/4"

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 25"

2 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1410 and KIRBY 10373"

GAUGE HEIGHT 16'-10 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	1,670.70	0	1,421.13	0	1,171.55	0	921.98	0	672.55	0	423.28	0	173.72	0		0		0	
1/4	1,665.50	1/4	1,415.93	1/4	1,166.35	1/4	916.78	1/4	667.36	1/4	418.08	1/4	168.52	1/4		1/4		1/4	
1/2	1,660.30	1/2	1,410.73	1/2	1,161.15	1/2	911.58	1/2	662.17	1/2	412.88	1/2	163.32	1/2		1/2		1/2	
3/4	1,655.10	3/4	1,405.53	3/4	1,155.95	3/4	906.38	3/4	656.98	3/4	407.68	3/4	158.12	3/4		3/4		3/4	
1	1,649.91	1	1,400.33	1	1,150.76	1	901.18	1	651.79	1	402.49	1	152.93	1		1		1	
1/4	1,644.71	1/4	1,395.13	1/4	1,145.56	1/4	895.98	1/4	646.60	1/4	397.29	1/4	147.73	1/4		1/4		1/4	
1/2	1,639.51	1/2	1,389.93	1/2	1,140.36	1/2	890.78	1/2	641.41	1/2	392.09	1/2	142.53	1/2		1/2		1/2	
3/4	1,634.31	3/4	1,384.73	3/4	1,135.16	3/4	885.58	3/4	636.22	3/4	386.89	3/4	137.33	3/4		3/4		3/4	
2	1,629.11	2	1,379.53	2	1,129.96	2	880.38	2	631.04	2	381.69	2	132.13	2		2		2	
1/4	1,623.91	1/4	1,374.33	1/4	1,124.76	1/4	875.18	1/4	625.85	1/4	376.49	1/4	126.93	1/4		1/4		1/4	
1/2	1,618.71	1/2	1,369.13	1/2	1,119.56	1/2	869.98	1/2	620.66	1/2	371.29	1/2	121.73	1/2		1/2		1/2	
3/4	1,613.51	3/4	1,363.93	3/4	1,114.36	3/4	864.78	3/4	615.47	3/4	366.09	3/4	116.53	3/4		3/4		3/4	
3	1,608.31	3	1,358.73	3	1,109.16	3	859.58	3	610.29	3	360.89	3	111.33	3		3		3	
1/4	1,603.11	1/4	1,353.53	1/4	1,103.96	1/4	854.38	1/4	605.10	1/4	355.69	1/4	106.13	1/4		1/4		1/4	
1/2	1,597.91	1/2	1,348.33	1/2	1,098.76	1/2	849.18	1/2	599.91	1/2	350.49	1/2	100.93	1/2		1/2		1/2	
3/4	1,592.71	3/4	1,343.13	3/4	1,093.56	3/4	843.98	3/4	594.72	3/4	345.29	3/4	96.23	3/4		3/4		3/4	
4	1,587.51	4	1,337.94	4	1,088.36	4	838.79	4	589.53	4	340.10	4	91.53	4		4		4	
1/4	1,582.31	1/4	1,332.74	1/4	1,083.16	1/4	833.59	1/4	584.34	1/4	334.90	1/4	86.83	1/4		1/4		1/4	
1/2	1,577.11	1/2	1,327.54	1/2	1,077.96	1/2	828.39	1/2	579.15	1/2	329.70	1/2	82.13	1/2		1/2		1/2	
3/4	1,571.91	3/4	1,322.34	3/4	1,072.76	3/4	823.19	3/4	573.96	3/4	324.50	3/4	77.81	3/4		3/4		3/4	
5	1,566.71	5	1,317.14	5	1,067.56	5	817.99	5	568.78	5	319.30	5	73.49	5		5		5	
1/4	1,561.51	1/4	1,311.94	1/4	1,062.36	1/4	812.79	1/4	563.59	1/4	314.10	1/4	69.17	1/4		1/4		1/4	
1/2	1,556.31	1/2	1,306.74	1/2	1,057.16	1/2	807.59	1/2	558.40	1/2	308.90	1/2	64.85	1/2		1/2		1/2	
3/4	1,551.11	3/4	1,301.54	3/4	1,051.96	3/4	802.39	3/4	553.21	3/4	303.70	3/4	60.59	3/4		3/4		3/4	
6	1,545.92	6	1,296.34	6	1,046.77	6	797.19	6	548.02	6	298.50	6	56.33	6		6		6	
1/4	1,540.72	1/4	1,291.14	1/4	1,041.57	1/4	791.99	1/4	542.83	1/4	293.30	1/4	52.06	1/4		1/4		1/4	
1/2	1,535.52	1/2	1,285.94	1/2	1,036.37	1/2	786.79	1/2	537.64	1/2	288.10	1/2	47.80	1/2		1/2		1/2	
3/4	1,530.32	3/4	1,280.74	3/4	1,031.17	3/4	781.59	3/4	532.44	3/4	282.90	3/4	43.29	3/4		3/4		3/4	
7	1,525.12	7	1,275.54	7	1,025.97	7	776.39	7	527.25	7	277.71	7	38.79	7		7		7	
1/4	1,519.92	1/4	1,270.34	1/4	1,020.77	1/4	771.19	1/4	522.05	1/4	272.51	1/4	34.28	1/4		1/4		1/4	
1/2	1,514.72	1/2	1,265.14	1/2	1,015.57	1/2	765.99	1/2	516.85	1/2	267.31	1/2	29.77	1/2		1/2		1/2	
3/4	1,509.52	3/4	1,259.94	3/4	1,010.37	3/4	760.79	3/4	511.65	3/4	262.11	3/4	25.81	3/4		3/4		3/4	
8	1,504.32	8	1,254.75	8	1,005.17	8	755.59	8	506.46	8	256.91	8	21.85	8		8		8	
1/4	1,499.12	1/4	1,249.55	1/4	999.97	1/4	750.39	1/4	501.26	1/4	251.71	1/4	17.88	1/4		1/4		1/4	
1/2	1,493.92	1/2	1,244.35	1/2	994.77	1/2	745.19	1/2	496.06	1/2	246.51	1/2	13.92	1/2		1/2		1/2	
3/4	1,488.72	3/4	1,239.15	3/4	989.57	3/4	740.00	3/4	490.86	3/4	241.31	3/4	11.45	3/4		3/4		3/4	
9	1,483.52	9	1,233.95	9	984.37	9	734.81	9	485.67	9	236.11	9	8.97	9		9		9	
1/4	1,478.32	1/4	1,228.75	1/4	979.17	1/4	729.62	1/4	480.47	1/4	230.91	1/4	6.50	1/4		1/4		1/4	
1/2	1,473.12	1/2	1,223.55	1/2	973.97	1/2	724.43	1/2	475.27	1/2	225.71	1/2	4.02	1/2		1/2		1/2	
3/4	1,467.92	3/4	1,218.35	3/4	968.77	3/4	719.24	3/4	470.07	3/4	220.51	3/4	3.17	3/4		3/4		3/4	
10	1,462.72	10	1,213.15	10	963.57	10	714.06	10	464.88	10	215.32	10	2.33	10		10		10	
1/4	1,457.52	1/4	1,207.95	1/4	958.37	1/4	708.87	1/4	459.68	1/4	210.12	1/4	1.48	1/4		1/4		1/4	
1/2	1,452.32	1/2	1,202.75	1/2	953.17	1/2	703.68	1/2	454.48	1/2	204.92	1/2	0.63	1/2		1/2		1/2	
3/4	1,447.12	3/4	1,197.55	3/4	947.97	3/4	698.49	3/4	449.28	3/4	199.72	3/4		3/4		3/4		3/4	
11	1,441.93	11	1,192.35	11	942.78	11	693.30	11	444.08	11	194.52	11		11		11		11	
1/4	1,436.73	1/4	1,187.15	1/4	937.58	1/4	688.11	1/4	438.88	1/4	189.32	1/4		1/4		1/4		1/4	
1/2	1,431.53	1/2	1,181.95	1/2	932.38	1/2	682.92	1/2	433.68	1/2	184.12	1/2		1/2		1/2		1/2	
3/4	1,426.33	3/4	1,176.75	3/4	927.18	3/4	677.73	3/4	428.48	3/4	178.92	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

DECK MEASUREMENTS: 01/30/2006 SW
REPRINTED: 01/31/2006 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2006

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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BARGE "CBC 25"

3 CENTER ULLAGE TABLE

FORMERLY "GBL 1410 and KIRBY 10373"

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

GAUGE HEIGHT 16'-10 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE IS SCALED FROM THE MMC STANDPIPE AT TOP OF TANK TO THE BOTTOM STRIKE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MMC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.
 IF GAUGING FROM GAUGE HATCH, THE TOTAL HT. TO TOP LIP IS 15' 09 12" ADJUSTMENT TO ULLAGE GAUGES ADD 13 1/4"

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 25"

3 CENTER ULLAGE TABLE

FORMERLY "GBL 1410 and KIRBY 10373"

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

GAUGE HEIGHT 16'-10 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	1,675.26	0	1,425.78	0	1,176.30	0	926.82	0	677.48	0	428.32	0	178.85	0		0		0	
1/4	1,670.07	1/4	1,420.59	1/4	1,171.11	1/4	921.63	1/4	672.29	1/4	423.13	1/4	173.66	1/4		1/4		1/4	
1/2	1,664.87	1/2	1,415.39	1/2	1,165.91	1/2	916.43	1/2	667.11	1/2	417.93	1/2	168.46	1/2		1/2		1/2	
3/4	1,659.67	3/4	1,410.19	3/4	1,160.71	3/4	911.23	3/4	661.92	3/4	412.73	3/4	163.26	3/4		3/4		3/4	
1	1,654.47	1	1,404.99	1	1,155.51	1	906.03	1	656.73	1	407.53	1	158.06	1		1		1	
1/4	1,649.28	1/4	1,399.80	1/4	1,150.32	1/4	900.84	1/4	651.55	1/4	402.34	1/4	152.87	1/4		1/4		1/4	
1/2	1,644.08	1/2	1,394.60	1/2	1,145.12	1/2	895.64	1/2	646.36	1/2	397.14	1/2	147.67	1/2		1/2		1/2	
3/4	1,638.88	3/4	1,389.40	3/4	1,139.92	3/4	890.44	3/4	641.17	3/4	391.94	3/4	142.47	3/4		3/4		3/4	
2	1,633.68	2	1,384.20	2	1,134.72	2	885.24	2	635.98	2	386.74	2	137.27	2		2		2	
1/4	1,628.49	1/4	1,379.01	1/4	1,129.53	1/4	880.05	1/4	630.80	1/4	381.55	1/4	132.08	1/4		1/4		1/4	
1/2	1,623.29	1/2	1,373.81	1/2	1,124.33	1/2	874.85	1/2	625.61	1/2	376.35	1/2	126.88	1/2		1/2		1/2	
3/4	1,618.09	3/4	1,368.61	3/4	1,119.13	3/4	869.65	3/4	620.42	3/4	371.15	3/4	121.68	3/4		3/4		3/4	
3	1,612.89	3	1,363.41	3	1,113.93	3	864.45	3	615.24	3	365.95	3	116.49	3		3		3	
1/4	1,607.70	1/4	1,358.22	1/4	1,108.74	1/4	859.26	1/4	610.05	1/4	360.76	1/4	111.29	1/4		1/4		1/4	
1/2	1,602.50	1/2	1,353.02	1/2	1,103.54	1/2	854.06	1/2	604.87	1/2	355.56	1/2	106.10	1/2		1/2		1/2	
3/4	1,597.30	3/4	1,347.82	3/4	1,098.34	3/4	848.86	3/4	599.68	3/4	350.36	3/4	100.90	3/4		3/4		3/4	
4	1,592.10	4	1,342.62	4	1,093.14	4	843.66	4	594.49	4	345.16	4	96.20	4		4		4	
1/4	1,586.91	1/4	1,337.43	1/4	1,087.95	1/4	838.47	1/4	589.31	1/4	339.97	1/4	91.50	1/4		1/4		1/4	
1/2	1,581.71	1/2	1,332.23	1/2	1,082.75	1/2	833.27	1/2	584.12	1/2	334.77	1/2	86.80	1/2		1/2		1/2	
3/4	1,576.51	3/4	1,327.03	3/4	1,077.55	3/4	828.07	3/4	578.93	3/4	329.57	3/4	82.10	3/4		3/4		3/4	
5	1,571.31	5	1,321.83	5	1,072.35	5	822.87	5	573.75	5	324.37	5	77.78	5		5		5	
1/4	1,566.12	1/4	1,316.64	1/4	1,067.16	1/4	817.68	1/4	568.56	1/4	319.18	1/4	73.47	1/4		1/4		1/4	
1/2	1,560.92	1/2	1,311.44	1/2	1,061.96	1/2	812.48	1/2	563.38	1/2	313.98	1/2	69.15	1/2		1/2		1/2	
3/4	1,555.72	3/4	1,306.24	3/4	1,056.76	3/4	807.28	3/4	558.19	3/4	308.78	3/4	64.83	3/4		3/4		3/4	
6	1,550.52	6	1,301.04	6	1,051.56	6	802.08	6	553.00	6	303.59	6	60.57	6		6		6	
1/4	1,545.33	1/4	1,295.85	1/4	1,046.37	1/4	796.89	1/4	547.82	1/4	298.39	1/4	56.31	1/4		1/4		1/4	
1/2	1,540.13	1/2	1,290.65	1/2	1,041.17	1/2	791.69	1/2	542.63	1/2	293.20	1/2	52.05	1/2		1/2		1/2	
3/4	1,534.93	3/4	1,285.45	3/4	1,035.97	3/4	786.49	3/4	537.44	3/4	288.00	3/4	47.79	3/4		3/4		3/4	
7	1,529.73	7	1,280.25	7	1,030.77	7	781.29	7	532.25	7	282.80	7	43.28	7		7		7	
1/4	1,524.54	1/4	1,275.06	1/4	1,025.58	1/4	776.10	1/4	527.05	1/4	277.61	1/4	38.78	1/4		1/4		1/4	
1/2	1,519.34	1/2	1,269.86	1/2	1,020.38	1/2	770.90	1/2	521.86	1/2	272.41	1/2	34.27	1/2		1/2		1/2	
3/4	1,514.14	3/4	1,264.66	3/4	1,015.18	3/4	765.70	3/4	516.66	3/4	267.21	3/4	29.76	3/4		3/4		3/4	
8	1,508.94	8	1,259.46	8	1,009.98	8	760.50	8	511.46	8	262.01	8	25.80	8		8		8	
1/4	1,503.75	1/4	1,254.27	1/4	1,004.79	1/4	755.31	1/4	506.27	1/4	256.82	1/4	21.84	1/4		1/4		1/4	
1/2	1,498.55	1/2	1,249.07	1/2	999.59	1/2	750.11	1/2	501.07	1/2	251.62	1/2	17.88	1/2		1/2		1/2	
3/4	1,493.35	3/4	1,243.87	3/4	994.39	3/4	744.91	3/4	495.87	3/4	246.42	3/4	13.92	3/4		3/4		3/4	
9	1,488.15	9	1,238.67	9	989.19	9	739.72	9	490.68	9	241.22	9	11.45	9		9		9	
1/4	1,482.96	1/4	1,233.48	1/4	984.00	1/4	734.54	1/4	485.48	1/4	236.03	1/4	8.97	1/4		1/4		1/4	
1/2	1,477.76	1/2	1,228.28	1/2	978.80	1/2	729.35	1/2	480.29	1/2	230.83	1/2	6.50	1/2		1/2		1/2	
3/4	1,472.56	3/4	1,223.08	3/4	973.60	3/4	724.16	3/4	475.09	3/4	225.63	3/4	4.02	3/4		3/4		3/4	
10	1,467.36	10	1,217.88	10	968.40	10	718.97	10	469.89	10	220.43	10	3.17	10		10		10	
1/4	1,462.17	1/4	1,212.69	1/4	963.21	1/4	713.79	1/4	464.70	1/4	215.24	1/4	2.33	1/4		1/4		1/4	
1/2	1,456.97	1/2	1,207.49	1/2	958.01	1/2	708.60	1/2	459.50	1/2	210.04	1/2	1.48	1/2		1/2		1/2	
3/4	1,451.77	3/4	1,202.29	3/4	952.81	3/4	703.41	3/4	454.30	3/4	204.84	3/4	0.63	3/4		3/4		3/4	
11	1,446.57	11	1,197.09	11	947.61	11	698.22	11	449.11	11	199.64	11		11		11		11	
1/4	1,441.38	1/4	1,191.90	1/4	942.42	1/4	693.04	1/4	443.91	1/4	194.45	1/4		1/4		1/4		1/4	
1/2	1,436.18	1/2	1,186.70	1/2	937.22	1/2	687.85	1/2	438.72	1/2	189.25	1/2		1/2		1/2		1/2	
3/4	1,430.98	3/4	1,181.50	3/4	932.02	3/4	682.66	3/4	433.52	3/4	184.05	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

DECK MEASUREMENTS: 01/30/2006 SW
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