



BARGE "CTC 10050"

INNAGE TRIM TABLE

FORMERLY "GBL 1610", "KIRBY
10375" & "CBC 21"

	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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 CENTER	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/8	02-1/8
3 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(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"

March 25, 2003

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 10050"

1 CENTER INNAGE TABLE

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

FORMERLY "GBL 1610" & "KIRBY 10375"

GAUGE HEIGHT 16'-11 7/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.92	0	208.46	0	458.29	0	707.75	0	957.52	0	1,207.37	0	1,457.21	0	1,707.05	0	1,956.90	0	2,206.75
1/4	1.50	1/4	213.66	1/4	463.49	1/4	712.95	1/4	962.72	1/4	1,212.57	1/4	1,462.41	1/4	1,712.26	1/4	1,962.11	1/4	2,211.96
1/2	2.07	1/2	218.87	1/2	468.70	1/2	718.14	1/2	967.93	1/2	1,217.78	1/2	1,467.62	1/2	1,717.46	1/2	1,967.31	1/2	2,217.16
3/4	2.97	3/4	224.07	3/4	473.90	3/4	723.33	3/4	973.13	3/4	1,222.98	3/4	1,472.82	3/4	1,722.67	3/4	1,972.52	3/4	2,222.37
1	4.52	1	229.28	1	479.10	1	728.53	1	978.34	1	1,228.19	1	1,478.03	1	1,727.87	1	1,977.72	1	2,227.57
1/4	6.38	1/4	234.48	1/4	484.31	1/4	733.72	1/4	983.54	1/4	1,233.39	1/4	1,483.23	1/4	1,733.08	1/4	1,982.93	1/4	2,232.77
1/2	8.25	1/2	239.69	1/2	489.51	1/2	738.92	1/2	988.75	1/2	1,238.60	1/2	1,488.44	1/2	1,738.28	1/2	1,988.13	1/2	2,237.98
3/4	10.45	3/4	244.89	3/4	494.71	3/4	744.11	3/4	993.95	3/4	1,243.80	3/4	1,493.64	3/4	1,743.49	3/4	1,993.34	3/4	2,243.18
2	13.32	2	250.10	2	499.92	2	749.32	2	999.16	2	1,249.01	2	1,498.85	2	1,748.69	2	1,998.54	2	2,248.38
1/4	16.53	1/4	255.30	1/4	505.12	1/4	754.52	1/4	1,004.36	1/4	1,254.21	1/4	1,504.05	1/4	1,753.90	1/4	2,003.75	1/4	2,253.59
1/2	19.75	1/2	260.51	1/2	510.33	1/2	759.73	1/2	1,009.57	1/2	1,259.42	1/2	1,509.26	1/2	1,759.10	1/2	2,008.95	1/2	2,258.79
3/4	23.23	3/4	265.71	3/4	515.53	3/4	764.93	3/4	1,014.77	3/4	1,264.62	3/4	1,514.46	3/4	1,764.31	3/4	2,014.16	3/4	2,264.00
3	27.25	3	270.92	3	520.73	3	770.14	3	1,019.98	3	1,269.83	3	1,519.67	3	1,769.51	3	2,019.36	3	2,269.20
1/4	31.53	1/4	276.12	1/4	525.94	1/4	775.34	1/4	1,025.18	1/4	1,275.03	1/4	1,524.87	1/4	1,774.72	1/4	2,024.57	1/4	2,274.41
1/2	35.82	1/2	281.33	1/2	531.14	1/2	780.55	1/2	1,030.39	1/2	1,280.24	1/2	1,530.08	1/2	1,779.92	1/2	2,029.77	1/2	2,279.61
3/4	40.20	3/4	286.53	3/4	536.34	3/4	785.75	3/4	1,035.59	3/4	1,285.44	3/4	1,535.28	3/4	1,785.13	3/4	2,034.98	3/4	2,284.82
4	44.77	4	291.74	4	541.54	4	790.96	4	1,040.80	4	1,290.65	4	1,540.49	4	1,790.33	4	2,040.18	4	2,290.02
1/4	49.44	1/4	296.94	1/4	546.73	1/4	796.16	1/4	1,046.00	1/4	1,295.85	1/4	1,545.69	1/4	1,795.54	1/4	2,045.39	1/4	2,295.23
1/2	54.10	1/2	302.15	1/2	551.93	1/2	801.37	1/2	1,051.21	1/2	1,301.06	1/2	1,550.90	1/2	1,800.74	1/2	2,050.59	1/2	2,300.43
3/4	58.84	3/4	307.35	3/4	557.12	3/4	806.57	3/4	1,056.41	3/4	1,306.26	3/4	1,556.10	3/4	1,805.95	3/4	2,055.80	3/4	2,305.64
5	63.73	5	312.56	5	562.31	5	811.78	5	1,061.62	5	1,311.47	5	1,561.31	5	1,811.15	5	2,061.01	5	2,310.84
1/4	68.69	1/4	317.76	1/4	567.51	1/4	816.98	1/4	1,066.83	1/4	1,316.67	1/4	1,566.51	1/4	1,816.36	1/4	2,066.21	1/4	2,316.05
1/2	73.64	1/2	322.97	1/2	572.70	1/2	822.19	1/2	1,072.03	1/2	1,321.88	1/2	1,571.72	1/2	1,821.56	1/2	2,071.42	1/2	2,321.25
3/4	78.65	3/4	328.17	3/4	577.89	3/4	827.39	3/4	1,077.24	3/4	1,327.08	3/4	1,576.92	3/4	1,826.77	3/4	2,076.63	3/4	2,326.46
6	83.74	6	333.38	6	583.09	6	832.60	6	1,082.45	6	1,332.29	6	1,582.12	6	1,831.97	6	2,081.83	6	2,331.66
1/4	88.88	1/4	338.58	1/4	588.28	1/4	837.80	1/4	1,087.65	1/4	1,337.49	1/4	1,587.33	1/4	1,837.18	1/4	2,087.04	1/4	2,336.87
1/2	94.02	1/2	343.79	1/2	593.48	1/2	843.01	1/2	1,092.86	1/2	1,342.70	1/2	1,592.53	1/2	1,842.38	1/2	2,092.24	1/2	2,342.07
3/4	99.18	3/4	348.99	3/4	598.67	3/4	848.21	3/4	1,098.06	3/4	1,347.90	3/4	1,597.74	3/4	1,847.59	3/4	2,097.45	3/4	2,347.28
7	104.37	7	354.19	7	603.87	7	853.42	7	1,103.27	7	1,353.11	7	1,602.94	7	1,852.79	7	2,102.65	7	2,352.48
1/4	109.57	1/4	359.40	1/4	609.06	1/4	858.62	1/4	1,108.47	1/4	1,358.31	1/4	1,608.15	1/4	1,858.00	1/4	2,107.86	1/4	2,357.69
1/2	114.78	1/2	364.60	1/2	614.26	1/2	863.83	1/2	1,113.68	1/2	1,363.52	1/2	1,613.35	1/2	1,863.20	1/2	2,113.06	1/2	2,362.89
3/4	119.98	3/4	369.80	3/4	619.45	3/4	869.03	3/4	1,118.88	3/4	1,368.72	3/4	1,618.56	3/4	1,868.41	3/4	2,118.27	3/4	2,368.10
8	125.18	8	375.01	8	624.64	8	874.24	8	1,124.09	8	1,373.93	8	1,623.76	8	1,873.62	8	2,123.47	8	2,373.30
1/4	130.39	1/4	380.21	1/4	629.84	1/4	879.44	1/4	1,129.29	1/4	1,379.13	1/4	1,628.97	1/4	1,878.82	1/4	2,128.68	1/4	2,378.51
1/2	135.59	1/2	385.42	1/2	635.03	1/2	884.65	1/2	1,134.50	1/2	1,384.34	1/2	1,634.17	1/2	1,884.03	1/2	2,133.88	1/2	2,383.71
3/4	140.79	3/4	390.62	3/4	640.22	3/4	889.85	3/4	1,139.70	3/4	1,389.54	3/4	1,639.38	3/4	1,889.24	3/4	2,139.09	3/4	2,388.92
9	146.00	9	395.83	9	645.42	9	895.06	9	1,144.91	9	1,394.75	9	1,644.58	9	1,894.44	9	2,144.29	9	2,394.12
1/4	151.20	1/4	401.03	1/4	650.61	1/4	900.26	1/4	1,150.11	1/4	1,399.95	1/4	1,649.79	1/4	1,899.65	1/4	2,149.50	1/4	2,399.32
1/2	156.41	1/2	406.24	1/2	655.81	1/2	905.47	1/2	1,155.32	1/2	1,405.16	1/2	1,654.99	1/2	1,904.85	1/2	2,154.70	1/2	2,404.53
3/4	161.61	3/4	411.44	3/4	661.00	3/4	910.67	3/4	1,160.52	3/4	1,410.36	3/4	1,660.20	3/4	1,910.06	3/4	2,159.91	3/4	2,409.73
10	166.82	10	416.65	10	666.20	10	915.88	10	1,165.73	10	1,415.57	10	1,665.40	10	1,915.26	10	2,165.11	10	2,414.93
1/4	172.02	1/4	421.85	1/4	671.39	1/4	921.08	1/4	1,170.93	1/4	1,420.77	1/4	1,670.61	1/4	1,920.47	1/4	2,170.32	1/4	2,420.14
1/2	177.23	1/2	427.06	1/2	676.59	1/2	926.29	1/2	1,176.14	1/2	1,425.98	1/2	1,675.81	1/2	1,925.67	1/2	2,175.52	1/2	2,425.34
3/4	182.43	3/4	432.26	3/4	681.78	3/4	931.49	3/4	1,181.34	3/4	1,431.18	3/4	1,681.02	3/4	1,930.88	3/4	2,180.73	3/4	2,430.55
11	187.64	11	437.47	11	686.98	11	936.70	11	1,186.55	11	1,436.39	11	1,686.23	11	1,936.08	11	2,185.93	11	2,435.75
1/4	192.84	1/4	442.67	1/4	692.17	1/4	941.90	1/4	1,191.75	1/4	1,441.59	1/4	1,691.43	1/4	1,941.29	1/4	2,191.14	1/4	2,440.96
1/2	198.05	1/2	447.88	1/2	697.37	1/2	947.11	1/2	1,196.96	1/2	1,446.80	1/2	1,696.64	1/2	1,946.49	1/2	2,196.34	1/2	2,446.16
3/4	203.25	3/4	453.08	3/4	702.56	3/4	952.31	3/4	1,202.16	3/4	1,452.00	3/4	1,701.85	3/4	1,951.70	3/4	2,201.55	3/4	2,451.37

BARGE COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MMC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (MMC) LOCATED 01'-00" OFF CENTERLINE AND 25'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CTC 10050"

1 CENTER INNAGE TABLE

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

FORMERLY "GBL 1610" & "KIRBY 10375"

GAUGE HEIGHT 16'-11 7/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,456.57	0	2,697.00	0	2,928.40	0	3,159.81	0	3,391.22	0		0		0		0		0	
1/4	2,461.78	1/4	2,701.82	1/4	2,933.22	1/4	3,164.63	1/4	3,396.04	1/4		1/4		1/4		1/4		1/4	
1/2	2,466.98	1/2	2,706.64	1/2	2,938.04	1/2	3,169.45	1/2	3,400.86	1/2		1/2		1/2		1/2		1/2	
3/4	2,472.19	3/4	2,711.46	3/4	2,942.86	3/4	3,174.27	3/4	3,405.68	3/4		3/4		3/4		3/4		3/4	
1	2,477.39	1	2,716.28	1	2,947.68	1	3,179.09	1	3,410.50	1		1		1		1		1	
1/4	2,482.60	1/4	2,721.10	1/4	2,952.50	1/4	3,183.92	1/4	3,415.33	1/4		1/4		1/4		1/4		1/4	
1/2	2,487.80	1/2	2,725.92	1/2	2,957.33	1/2	3,188.74	1/2	3,420.15	1/2		1/2		1/2		1/2		1/2	
3/4	2,493.01	3/4	2,730.74	3/4	2,962.15	3/4	3,193.56	3/4	3,424.97	3/4		3/4		3/4		3/4		3/4	
2	2,498.21	2	2,735.56	2	2,966.97	2	3,198.38	2	3,429.79	2		2		2		2		2	
1/4	2,503.42	1/4	2,740.38	1/4	2,971.79	1/4	3,203.20	1/4	3,434.61	1/4		1/4		1/4		1/4		1/4	
1/2	2,508.62	1/2	2,745.21	1/2	2,976.61	1/2	3,208.02	1/2	3,439.43	1/2		1/2		1/2		1/2		1/2	
3/4	2,513.83	3/4	2,750.03	3/4	2,981.43	3/4	3,212.84	3/4	3,444.15	3/4		3/4		3/4		3/4		3/4	
3	2,519.03	3	2,754.85	3	2,986.25	3	3,217.66	3	3,448.67	3		3		3		3		3	
1/4	2,524.24	1/4	2,759.67	1/4	2,991.07	1/4	3,222.49	1/4	3,453.09	1/4		1/4		1/4		1/4		1/4	
1/2	2,529.44	1/2	2,764.49	1/2	2,995.90	1/2	3,227.31	1/2	3,457.51	1/2		1/2		1/2		1/2		1/2	
3/4	2,534.65	3/4	2,769.31	3/4	3,000.72	3/4	3,232.13	3/4	3,461.73	3/4		3/4		3/4		3/4		3/4	
4	2,539.85	4	2,774.13	4	3,005.54	4	3,236.95	4	3,465.55	4		4		4		4		4	
1/4	2,545.05	1/4	2,778.95	1/4	3,010.36	1/4	3,241.77	1/4	3,469.16	1/4		1/4		1/4		1/4		1/4	
1/2	2,550.26	1/2	2,783.77	1/2	3,015.18	1/2	3,246.59	1/2	3,472.78	1/2		1/2		1/2		1/2		1/2	
3/4	2,555.46	3/4	2,788.59	3/4	3,020.00	3/4	3,251.41	3/4	3,476.19	3/4		3/4		3/4		3/4		3/4	
5	2,560.66	5	2,793.41	5	3,024.82	5	3,256.23	5	3,479.20	5		5		5		5		5	
1/4	2,565.87	1/4	2,798.23	1/4	3,029.64	1/4	3,261.05	1/4	3,482.02	1/4		1/4		1/4		1/4		1/4	
1/2	2,571.07	1/2	2,803.06	1/2	3,034.46	1/2	3,265.87	1/2	3,484.83	1/2		1/2		1/2		1/2		1/2	
3/4	2,576.20	3/4	2,807.88	3/4	3,039.28	3/4	3,270.69	3/4	3,487.44	3/4		3/4		3/4		3/4		3/4	
6	2,581.15	6	2,812.70	6	3,044.10	6	3,275.51	6	3,489.65	6		6		6		6		6	
1/4	2,586.02	1/4	2,817.52	1/4	3,048.92	1/4	3,280.34	1/4	3,491.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,590.89	1/2	2,822.34	1/2	3,053.75	1/2	3,285.16	1/2	3,493.67	1/2		1/2		1/2		1/2		1/2	
3/4	2,595.75	3/4	2,827.16	3/4	3,058.57	3/4	3,289.98	3/4	3,495.48	3/4		3/4		3/4		3/4		3/4	
7	2,600.58	7	2,831.98	7	3,063.39	7	3,294.80	7	3,496.89	7		7		7		7		7	
1/4	2,605.40	1/4	2,836.80	1/4	3,068.21	1/4	3,299.62	1/4	3,498.09	1/4		1/4		1/4		1/4		1/4	
1/2	2,610.22	1/2	2,841.62	1/2	3,073.03	1/2	3,304.44	1/2	3,499.30	1/2		1/2		1/2		1/2		1/2	
3/4	2,615.04	3/4	2,846.44	3/4	3,077.85	3/4	3,309.26	3/4	3,500.30	3/4		3/4		3/4		3/4		3/4	
8	2,619.86	8	2,851.26	8	3,082.67	8	3,314.08	8	3,500.90	8		8		8		8		8	
1/4	2,624.68	1/4	2,856.08	1/4	3,087.49	1/4	3,318.91	1/4	3,501.30	1/4		1/4		1/4		1/4		1/4	
1/2	2,629.51	1/2	2,860.91	1/2	3,092.32	1/2	3,323.73	1/2	3,501.70	1/2		1/2		1/2		1/2		1/2	
3/4	2,634.33	3/4	2,865.73	3/4	3,097.14	3/4	3,328.55	3/4	3,502.10	3/4		3/4		3/4		3/4		3/4	
9	2,639.15	9	2,870.55	9	3,101.96	9	3,333.37	9		9		9		9		9		9	
1/4	2,643.97	1/4	2,875.37	1/4	3,106.78	1/4	3,338.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,648.79	1/2	2,880.19	1/2	3,111.60	1/2	3,343.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,653.61	3/4	2,885.01	3/4	3,116.42	3/4	3,347.83	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,658.43	10	2,889.83	10	3,121.24	10	3,352.65	10		10		10		10		10		10	
1/4	2,663.25	1/4	2,894.65	1/4	3,126.06	1/4	3,357.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,668.07	1/2	2,899.47	1/2	3,130.89	1/2	3,362.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,672.89	3/4	2,904.29	3/4	3,135.71	3/4	3,367.12	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,677.71	11	2,909.11	11	3,140.53	11	3,371.94	11		11		11		11		11		11	
1/4	2,682.53	1/4	2,913.93	1/4	3,145.35	1/4	3,376.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,687.36	1/2	2,918.76	1/2	3,150.17	1/2	3,381.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,692.18	3/4	2,923.58	3/4	3,154.99	3/4	3,386.40	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/29/1999 ITS
DECK MEASUREMENTS: 03/25/2003 SW
REPRINTED: 03/28/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2003

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BARGE "CTC 10050"

2 CENTER INNAGE TABLE

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

FORMERLY "GBL 1610" & "KIRBY 10375"

GAUGE HEIGHT 16'-11 3/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.79	0	207.14	0	456.28	0	705.06	0	954.14	0	1,203.29	0	1,452.44	0	1,701.60	0	1,950.77	0	2,199.92
1/4	1.40	1/4	212.33	1/4	461.47	1/4	710.24	1/4	959.33	1/4	1,208.48	1/4	1,457.63	1/4	1,706.79	1/4	1,955.96	1/4	2,205.11
1/2	2.58	1/2	217.52	1/2	466.66	1/2	715.42	1/2	964.52	1/2	1,213.67	1/2	1,462.82	1/2	1,711.98	1/2	1,961.15	1/2	2,210.30
3/4	4.05	3/4	222.71	3/4	471.85	3/4	720.60	3/4	969.71	3/4	1,218.86	3/4	1,468.02	3/4	1,717.17	3/4	1,966.34	3/4	2,215.49
1	5.51	1	227.90	1	477.04	1	725.78	1	974.90	1	1,224.05	1	1,473.21	1	1,722.36	1	1,971.53	1	2,220.68
1/4	7.38	1/4	233.09	1/4	482.23	1/4	730.96	1/4	980.09	1/4	1,229.24	1/4	1,478.40	1/4	1,727.55	1/4	1,976.72	1/4	2,225.87
1/2	10.03	1/2	238.28	1/2	487.42	1/2	736.14	1/2	985.28	1/2	1,234.43	1/2	1,483.59	1/2	1,732.74	1/2	1,981.91	1/2	2,231.06
3/4	13.08	3/4	243.48	3/4	492.61	3/4	741.33	3/4	990.47	3/4	1,239.63	3/4	1,488.78	3/4	1,737.94	3/4	1,987.10	3/4	2,236.26
2	16.13	2	248.67	2	497.80	2	746.51	2	995.66	2	1,244.82	2	1,493.97	2	1,743.13	2	1,992.29	2	2,241.45
1/4	19.51	1/4	253.86	1/4	502.99	1/4	751.70	1/4	1,000.85	1/4	1,250.01	1/4	1,499.16	1/4	1,748.32	1/4	1,997.48	1/4	2,246.64
1/2	23.53	1/2	259.05	1/2	508.18	1/2	756.89	1/2	1,006.04	1/2	1,255.20	1/2	1,504.35	1/2	1,753.51	1/2	2,002.67	1/2	2,251.83
3/4	27.88	3/4	264.24	3/4	513.37	3/4	762.08	3/4	1,011.24	3/4	1,260.39	3/4	1,509.54	3/4	1,758.70	3/4	2,007.87	3/4	2,257.02
3	32.23	3	269.43	3	518.55	3	767.27	3	1,016.43	3	1,265.58	3	1,514.73	3	1,763.89	3	2,013.06	3	2,262.21
1/4	36.59	1/4	274.62	1/4	523.74	1/4	772.46	1/4	1,021.62	1/4	1,270.77	1/4	1,519.92	1/4	1,769.08	1/4	2,018.25	1/4	2,267.40
1/2	40.97	1/2	279.81	1/2	528.93	1/2	777.65	1/2	1,026.81	1/2	1,275.96	1/2	1,525.11	1/2	1,774.27	1/2	2,023.44	1/2	2,272.59
3/4	45.37	3/4	285.00	3/4	534.11	3/4	782.84	3/4	1,032.00	3/4	1,281.15	3/4	1,530.30	3/4	1,779.47	3/4	2,028.63	3/4	2,277.78
4	49.76	4	290.19	4	539.30	4	788.03	4	1,037.19	4	1,286.34	4	1,535.49	4	1,784.66	4	2,033.82	4	2,282.97
1/4	54.11	1/4	295.38	1/4	544.48	1/4	793.22	1/4	1,042.38	1/4	1,291.53	1/4	1,540.68	1/4	1,789.85	1/4	2,039.01	1/4	2,288.16
1/2	58.37	1/2	300.57	1/2	549.66	1/2	798.41	1/2	1,047.57	1/2	1,296.72	1/2	1,545.87	1/2	1,795.04	1/2	2,044.20	1/2	2,293.35
3/4	62.59	3/4	305.76	3/4	554.84	3/4	803.60	3/4	1,052.76	3/4	1,301.92	3/4	1,551.07	3/4	1,800.23	3/4	2,049.39	3/4	2,298.54
5	66.81	5	310.95	5	560.02	5	808.80	5	1,057.95	5	1,307.11	5	1,556.26	5	1,805.42	5	2,054.58	5	2,303.73
1/4	71.09	1/4	316.14	1/4	565.20	1/4	813.99	1/4	1,063.14	1/4	1,312.30	1/4	1,561.45	1/4	1,810.61	1/4	2,059.77	1/4	2,308.92
1/2	75.47	1/2	321.33	1/2	570.38	1/2	819.18	1/2	1,068.33	1/2	1,317.49	1/2	1,566.64	1/2	1,815.80	1/2	2,064.96	1/2	2,314.11
3/4	79.91	3/4	326.52	3/4	575.56	3/4	824.37	3/4	1,073.52	3/4	1,322.68	3/4	1,571.83	3/4	1,820.99	3/4	2,070.16	3/4	2,319.30
6	84.35	6	331.71	6	580.74	6	829.56	6	1,078.71	6	1,327.87	6	1,577.02	6	1,826.18	6	2,075.35	6	2,324.49
1/4	88.91	1/4	336.90	1/4	585.92	1/4	834.75	1/4	1,083.90	1/4	1,333.06	1/4	1,582.21	1/4	1,831.37	1/4	2,080.54	1/4	2,329.68
1/2	93.72	1/2	342.09	1/2	591.10	1/2	839.94	1/2	1,089.09	1/2	1,338.25	1/2	1,587.40	1/2	1,836.56	1/2	2,085.73	1/2	2,334.87
3/4	98.66	3/4	347.28	3/4	596.28	3/4	845.13	3/4	1,094.29	3/4	1,343.44	3/4	1,592.59	3/4	1,841.76	3/4	2,090.92	3/4	2,340.06
7	103.59	7	352.47	7	601.46	7	850.32	7	1,099.48	7	1,348.63	7	1,597.78	7	1,846.95	7	2,096.11	7	2,345.25
1/4	108.59	1/4	357.66	1/4	606.64	1/4	855.51	1/4	1,104.67	1/4	1,353.82	1/4	1,602.97	1/4	1,852.14	1/4	2,101.30	1/4	2,350.44
1/2	113.71	1/2	362.85	1/2	611.82	1/2	860.70	1/2	1,109.86	1/2	1,359.01	1/2	1,608.16	1/2	1,857.33	1/2	2,106.49	1/2	2,355.63
3/4	118.91	3/4	368.05	3/4	617.00	3/4	865.89	3/4	1,115.05	3/4	1,364.20	3/4	1,613.36	3/4	1,862.52	3/4	2,111.68	3/4	2,360.82
8	124.10	8	373.24	8	622.18	8	871.08	8	1,120.24	8	1,369.39	8	1,618.55	8	1,867.71	8	2,116.87	8	2,366.01
1/4	129.29	1/4	378.43	1/4	627.36	1/4	876.27	1/4	1,125.43	1/4	1,374.58	1/4	1,623.74	1/4	1,872.90	1/4	2,122.06	1/4	2,371.20
1/2	134.48	1/2	383.62	1/2	632.54	1/2	881.46	1/2	1,130.62	1/2	1,379.77	1/2	1,628.93	1/2	1,878.09	1/2	2,127.25	1/2	2,376.39
3/4	139.67	3/4	388.81	3/4	637.72	3/4	886.65	3/4	1,135.81	3/4	1,384.97	3/4	1,634.12	3/4	1,883.28	3/4	2,132.45	3/4	2,381.58
9	144.86	9	394.00	9	642.90	9	891.85	9	1,141.00	9	1,390.16	9	1,639.31	9	1,888.47	9	2,137.64	9	2,386.77
1/4	150.05	1/4	399.19	1/4	648.08	1/4	897.04	1/4	1,146.19	1/4	1,395.35	1/4	1,644.50	1/4	1,893.66	1/4	2,142.83	1/4	2,391.96
1/2	155.24	1/2	404.38	1/2	653.26	1/2	902.23	1/2	1,151.38	1/2	1,400.54	1/2	1,649.69	1/2	1,898.85	1/2	2,148.02	1/2	2,397.15
3/4	160.43	3/4	409.57	3/4	658.44	3/4	907.42	3/4	1,156.58	3/4	1,405.73	3/4	1,654.88	3/4	1,904.05	3/4	2,153.21	3/4	2,402.35
10	165.62	10	414.76	10	663.62	10	912.61	10	1,161.77	10	1,410.92	10	1,660.07	10	1,909.24	10	2,158.40	10	2,407.54
1/4	170.81	1/4	419.95	1/4	668.80	1/4	917.80	1/4	1,166.96	1/4	1,416.11	1/4	1,665.26	1/4	1,914.43	1/4	2,163.59	1/4	2,412.73
1/2	176.00	1/2	425.14	1/2	673.98	1/2	922.99	1/2	1,172.15	1/2	1,421.30	1/2	1,670.45	1/2	1,919.62	1/2	2,168.78	1/2	2,417.92
3/4	181.19	3/4	430.33	3/4	679.16	3/4	928.18	3/4	1,177.34	3/4	1,426.49	3/4	1,675.65	3/4	1,924.81	3/4	2,173.97	3/4	2,423.11
11	186.38	11	435.52	11	684.34	11	933.37	11	1,182.53	11	1,431.68	11	1,680.84	11	1,930.00	11	2,179.16	11	2,428.30
1/4	191.57	1/4	440.71	1/4	689.52	1/4	938.56	1/4	1,187.72	1/4	1,436.87	1/4	1,686.03	1/4	1,935.19	1/4	2,184.35	1/4	2,433.49
1/2	196.76	1/2	445.90	1/2	694.70	1/2	943.75	1/2	1,192.91	1/2	1,442.06	1/2	1,691.22	1/2	1,940.38	1/2	2,189.54	1/2	2,438.68
3/4	201.95	3/4	451.09	3/4	699.88	3/4	948.94	3/4	1,198.10	3/4	1,447.25	3/4	1,696.41	3/4	1,945.58	3/4	2,194.73	3/4	2,443.87

BARGE COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MMC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (MMC) LOCATED 01'-00" OFF CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CTC 10050"

2 CENTER INNAGE TABLE

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

FORMERLY "GBL 1610" & "KIRBY 10375"

GAUGE HEIGHT 16'-11 3/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,449.06	0	2,698.19	0	2,947.33	0	3,196.53	0	3,445.74	0		0		0		0		0	
1/4	2,454.25	1/4	2,703.38	1/4	2,952.52	1/4	3,201.72	1/4	3,450.93	1/4		1/4		1/4		1/4		1/4	
1/2	2,459.44	1/2	2,708.57	1/2	2,957.71	1/2	3,206.91	1/2	3,456.12	1/2		1/2		1/2		1/2		1/2	
3/4	2,464.63	3/4	2,713.76	3/4	2,962.91	3/4	3,212.11	3/4	3,461.31	3/4		3/4		3/4		3/4		3/4	
1	2,469.82	1	2,718.95	1	2,968.10	1	3,217.30	1	3,466.50	1		1		1		1		1	
1/4	2,475.01	1/4	2,724.14	1/4	2,973.29	1/4	3,222.49	1/4	3,471.69	1/4		1/4		1/4		1/4		1/4	
1/2	2,480.20	1/2	2,729.33	1/2	2,978.48	1/2	3,227.68	1/2	3,476.88	1/2		1/2		1/2		1/2		1/2	
3/4	2,485.39	3/4	2,734.53	3/4	2,983.67	3/4	3,232.88	3/4	3,482.08	3/4		3/4		3/4		3/4		3/4	
2	2,490.58	2	2,739.72	2	2,988.86	2	3,238.07	2	3,487.27	2		2		2		2		2	
1/4	2,495.77	1/4	2,744.91	1/4	2,994.05	1/4	3,243.26	1/4	3,492.44	1/4		1/4		1/4		1/4		1/4	
1/2	2,500.96	1/2	2,750.10	1/2	2,999.24	1/2	3,248.45	1/2	3,497.59	1/2		1/2		1/2		1/2		1/2	
3/4	2,506.15	3/4	2,755.29	3/4	3,004.44	3/4	3,253.64	3/4	3,502.72	3/4		3/4		3/4		3/4		3/4	
3	2,511.34	3	2,760.48	3	3,009.63	3	3,258.83	3	3,507.85	3		3		3		3		3	
1/4	2,516.53	1/4	2,765.67	1/4	3,014.83	1/4	3,264.02	1/4	3,512.81	1/4		1/4		1/4		1/4		1/4	
1/2	2,521.72	1/2	2,770.86	1/2	3,020.04	1/2	3,269.21	1/2	3,517.42	1/2		1/2		1/2		1/2		1/2	
3/4	2,526.91	3/4	2,776.05	3/4	3,025.26	3/4	3,274.41	3/4	3,521.85	3/4		3/4		3/4		3/4		3/4	
4	2,532.10	4	2,781.24	4	3,030.47	4	3,279.60	4	3,526.29	4		4		4		4		4	
1/4	2,537.29	1/4	2,786.43	1/4	3,035.68	1/4	3,284.79	1/4	3,530.50	1/4		1/4		1/4		1/4		1/4	
1/2	2,542.48	1/2	2,791.62	1/2	3,040.86	1/2	3,289.98	1/2	3,534.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,547.67	3/4	2,796.81	3/4	3,046.02	3/4	3,295.18	3/4	3,537.86	3/4		3/4		3/4		3/4		3/4	
5	2,552.86	5	2,802.00	5	3,051.19	5	3,300.37	5	3,541.43	5		5		5		5		5	
1/4	2,558.05	1/4	2,807.19	1/4	3,056.36	1/4	3,305.56	1/4	3,544.78	1/4		1/4		1/4		1/4		1/4	
1/2	2,563.24	1/2	2,812.38	1/2	3,061.54	1/2	3,310.75	1/2	3,547.71	1/2		1/2		1/2		1/2		1/2	
3/4	2,568.44	3/4	2,817.57	3/4	3,066.74	3/4	3,315.94	3/4	3,550.41	3/4		3/4		3/4		3/4		3/4	
6	2,573.63	6	2,822.76	6	3,071.93	6	3,321.13	6	3,553.12	6		6		6		6		6	
1/4	2,578.82	1/4	2,827.95	1/4	3,077.12	1/4	3,326.32	1/4	3,555.60	1/4		1/4		1/4		1/4		1/4	
1/2	2,584.01	1/2	2,833.14	1/2	3,082.31	1/2	3,331.51	1/2	3,557.66	1/2		1/2		1/2		1/2		1/2	
3/4	2,589.20	3/4	2,838.33	3/4	3,087.51	3/4	3,336.71	3/4	3,559.50	3/4		3/4		3/4		3/4		3/4	
7	2,594.39	7	2,843.52	7	3,092.70	7	3,341.90	7	3,561.33	7		7		7		7		7	
1/4	2,599.58	1/4	2,848.71	1/4	3,097.89	1/4	3,347.09	1/4	3,562.95	1/4		1/4		1/4		1/4		1/4	
1/2	2,604.77	1/2	2,853.90	1/2	3,103.08	1/2	3,352.28	1/2	3,564.15	1/2		1/2		1/2		1/2		1/2	
3/4	2,609.96	3/4	2,859.09	3/4	3,108.28	3/4	3,357.48	3/4	3,565.12	3/4		3/4		3/4		3/4		3/4	
8	2,615.15	8	2,864.28	8	3,113.47	8	3,362.67	8	3,566.10	8		8		8		8		8	
1/4	2,620.34	1/4	2,869.47	1/4	3,118.66	1/4	3,367.86	1/4	3,566.89	1/4		1/4		1/4		1/4		1/4	
1/2	2,625.53	1/2	2,874.66	1/2	3,123.85	1/2	3,373.05	1/2	3,567.34	1/2		1/2		1/2		1/2		1/2	
3/4	2,630.72	3/4	2,879.85	3/4	3,129.04	3/4	3,378.25	3/4	3,567.61	3/4		3/4		3/4		3/4		3/4	
9	2,635.91	9	2,885.04	9	3,134.23	9	3,383.44	9	3,567.74	9		9		9		9		9	
1/4	2,641.10	1/4	2,890.23	1/4	3,139.42	1/4	3,388.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,646.29	1/2	2,895.42	1/2	3,144.61	1/2	3,393.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,651.48	3/4	2,900.61	3/4	3,149.81	3/4	3,399.01	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,656.67	10	2,905.80	10	3,155.00	10	3,404.20	10		10		10		10		10		10	
1/4	2,661.86	1/4	2,910.99	1/4	3,160.19	1/4	3,409.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,667.05	1/2	2,916.18	1/2	3,165.38	1/2	3,414.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,672.24	3/4	2,921.38	3/4	3,170.58	3/4	3,419.78	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,677.43	11	2,926.57	11	3,175.77	11	3,424.97	11		11		11		11		11		11	
1/4	2,682.62	1/4	2,931.76	1/4	3,180.96	1/4	3,430.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,687.81	1/2	2,936.95	1/2	3,186.15	1/2	3,435.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,693.00	3/4	2,942.14	3/4	3,191.34	3/4	3,440.55	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/29/1999 ITS
DECK MEASUREMENTS: 03/25/2003 SW
REPRINTED: 03/28/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2003

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Pearland, Texas 77588
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BARGE "CTC 10050"

3 CENTER INNAGE TABLE

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

FORMERLY "GBL 1610" & "KIRBY 10375"

GAUGE HEIGHT 16'-11 7/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1.00	0	207.03	0	456.04	0	704.68	0	953.62	0	1,202.64	0	1,451.65	0	1,700.67	0	1,949.70	0	2,198.73
1/4	1.74	1/4	212.22	1/4	461.22	1/4	709.85	1/4	958.81	1/4	1,207.83	1/4	1,456.84	1/4	1,705.86	1/4	1,954.89	1/4	2,203.92
1/2	2.48	1/2	217.40	1/2	466.41	1/2	715.03	1/2	963.99	1/2	1,213.01	1/2	1,462.03	1/2	1,711.05	1/2	1,960.08	1/2	2,209.10
3/4	3.60	3/4	222.59	3/4	471.59	3/4	720.20	3/4	969.18	3/4	1,218.20	3/4	1,467.22	3/4	1,716.24	3/4	1,965.27	3/4	2,214.29
1	5.50	1	227.78	1	476.78	1	725.38	1	974.37	1	1,223.39	1	1,472.41	1	1,721.43	1	1,970.46	1	2,219.48
1/4	7.77	1/4	232.97	1/4	481.97	1/4	730.56	1/4	979.56	1/4	1,228.58	1/4	1,477.60	1/4	1,726.62	1/4	1,975.65	1/4	2,224.67
1/2	10.05	1/2	238.15	1/2	487.15	1/2	735.73	1/2	984.74	1/2	1,233.76	1/2	1,482.78	1/2	1,731.80	1/2	1,980.83	1/2	2,229.85
3/4	12.70	3/4	243.34	3/4	492.34	3/4	740.91	3/4	989.93	3/4	1,238.95	3/4	1,487.97	3/4	1,736.99	3/4	1,986.02	3/4	2,235.04
2	16.11	2	248.53	2	497.53	2	746.10	2	995.12	2	1,244.14	2	1,493.16	2	1,742.18	2	1,991.21	2	2,240.23
1/4	19.90	1/4	253.72	1/4	502.71	1/4	751.29	1/4	1,000.31	1/4	1,249.33	1/4	1,498.35	1/4	1,747.37	1/4	1,996.40	1/4	2,245.42
1/2	23.69	1/2	258.90	1/2	507.90	1/2	756.47	1/2	1,005.49	1/2	1,254.51	1/2	1,503.53	1/2	1,752.55	1/2	2,001.58	1/2	2,250.60
3/4	27.66	3/4	264.09	3/4	513.08	3/4	761.66	3/4	1,010.68	3/4	1,259.70	3/4	1,508.72	3/4	1,757.74	3/4	2,006.77	3/4	2,255.79
3	31.99	3	269.28	3	518.27	3	766.85	3	1,015.87	3	1,264.89	3	1,513.91	3	1,762.93	3	2,011.96	3	2,260.98
1/4	36.50	1/4	274.47	1/4	523.46	1/4	772.04	1/4	1,021.06	1/4	1,270.08	1/4	1,519.10	1/4	1,768.12	1/4	2,017.15	1/4	2,266.17
1/2	41.00	1/2	279.65	1/2	528.64	1/2	777.23	1/2	1,026.24	1/2	1,275.26	1/2	1,524.28	1/2	1,773.30	1/2	2,022.33	1/2	2,271.35
3/4	45.45	3/4	284.84	3/4	533.83	3/4	782.42	3/4	1,031.43	3/4	1,280.45	3/4	1,529.47	3/4	1,778.49	3/4	2,027.52	3/4	2,276.54
4	49.79	4	290.03	4	539.01	4	787.61	4	1,036.62	4	1,285.64	4	1,534.66	4	1,783.68	4	2,032.71	4	2,281.73
1/4	54.06	1/4	295.22	1/4	544.19	1/4	792.80	1/4	1,041.81	1/4	1,290.83	1/4	1,539.85	1/4	1,788.87	1/4	2,037.90	1/4	2,286.92
1/2	58.34	1/2	300.40	1/2	549.36	1/2	797.98	1/2	1,047.00	1/2	1,296.01	1/2	1,545.03	1/2	1,794.06	1/2	2,043.09	1/2	2,292.10
3/4	62.61	3/4	305.59	3/4	554.54	3/4	803.17	3/4	1,052.19	3/4	1,301.20	3/4	1,550.22	3/4	1,799.25	3/4	2,048.28	3/4	2,297.31
5	66.88	5	310.78	5	559.72	5	808.36	5	1,057.38	5	1,306.39	5	1,555.41	5	1,804.44	5	2,053.47	5	2,302.57
1/4	71.15	1/4	315.97	1/4	564.90	1/4	813.55	1/4	1,062.57	1/4	1,311.58	1/4	1,560.60	1/4	1,809.63	1/4	2,058.66	1/4	2,307.85
1/2	75.41	1/2	321.15	1/2	570.07	1/2	818.73	1/2	1,067.75	1/2	1,316.77	1/2	1,565.78	1/2	1,814.81	1/2	2,063.84	1/2	2,313.12
3/4	79.77	3/4	326.34	3/4	575.25	3/4	823.92	3/4	1,072.94	3/4	1,321.96	3/4	1,570.97	3/4	1,820.00	3/4	2,069.03	3/4	2,318.36
6	84.32	6	331.53	6	580.43	6	829.11	6	1,078.13	6	1,327.15	6	1,576.16	6	1,825.19	6	2,074.22	6	2,323.50
1/4	88.95	1/4	336.72	1/4	585.61	1/4	834.30	1/4	1,083.32	1/4	1,332.34	1/4	1,581.35	1/4	1,830.38	1/4	2,079.41	1/4	2,328.60
1/2	93.59	1/2	341.90	1/2	590.78	1/2	839.48	1/2	1,088.50	1/2	1,337.52	1/2	1,586.53	1/2	1,835.56	1/2	2,084.59	1/2	2,333.69
3/4	98.35	3/4	347.09	3/4	595.96	3/4	844.67	3/4	1,093.69	3/4	1,342.71	3/4	1,591.72	3/4	1,840.75	3/4	2,089.78	3/4	2,338.81
7	103.38	7	352.28	7	601.14	7	849.86	7	1,098.88	7	1,347.90	7	1,596.91	7	1,845.94	7	2,094.97	7	2,343.98
1/4	108.53	1/4	357.47	1/4	606.31	1/4	855.05	1/4	1,104.07	1/4	1,353.09	1/4	1,602.10	1/4	1,851.13	1/4	2,100.16	1/4	2,349.17
1/2	113.69	1/2	362.65	1/2	611.49	1/2	860.23	1/2	1,109.25	1/2	1,358.27	1/2	1,607.29	1/2	1,856.31	1/2	2,105.34	1/2	2,354.35
3/4	118.85	3/4	367.84	3/4	616.66	3/4	865.42	3/4	1,114.44	3/4	1,363.46	3/4	1,612.48	3/4	1,861.50	3/4	2,110.53	3/4	2,359.54
8	124.03	8	373.03	8	621.84	8	870.61	8	1,119.63	8	1,368.65	8	1,617.67	8	1,866.69	8	2,115.72	8	2,364.73
1/4	129.22	1/4	378.22	1/4	627.02	1/4	875.80	1/4	1,124.82	1/4	1,373.84	1/4	1,622.86	1/4	1,871.88	1/4	2,120.91	1/4	2,369.92
1/2	134.40	1/2	383.41	1/2	632.19	1/2	880.98	1/2	1,130.00	1/2	1,379.02	1/2	1,628.04	1/2	1,877.07	1/2	2,126.09	1/2	2,375.10
3/4	139.59	3/4	388.60	3/4	637.37	3/4	886.17	3/4	1,135.19	3/4	1,384.21	3/4	1,633.23	3/4	1,882.26	3/4	2,131.28	3/4	2,380.29
9	144.78	9	393.79	9	642.55	9	891.36	9	1,140.38	9	1,389.40	9	1,638.42	9	1,887.45	9	2,136.47	9	2,385.48
1/4	149.97	1/4	398.98	1/4	647.73	1/4	896.55	1/4	1,145.57	1/4	1,394.59	1/4	1,643.61	1/4	1,892.64	1/4	2,141.66	1/4	2,390.67
1/2	155.15	1/2	404.16	1/2	652.90	1/2	901.73	1/2	1,150.75	1/2	1,399.77	1/2	1,648.79	1/2	1,897.82	1/2	2,146.85	1/2	2,395.85
3/4	160.34	3/4	409.35	3/4	658.08	3/4	906.92	3/4	1,155.94	3/4	1,404.96	3/4	1,653.98	3/4	1,903.01	3/4	2,152.04	3/4	2,401.04
10	165.53	10	414.54	10	663.26	10	912.11	10	1,161.13	10	1,410.15	10	1,659.17	10	1,908.20	10	2,157.23	10	2,406.23
1/4	170.72	1/4	419.73	1/4	668.44	1/4	917.30	1/4	1,166.32	1/4	1,415.34	1/4	1,664.36	1/4	1,913.39	1/4	2,162.42	1/4	2,411.42
1/2	175.90	1/2	424.91	1/2	673.61	1/2	922.49	1/2	1,171.51	1/2	1,420.52	1/2	1,669.54	1/2	1,918.57	1/2	2,167.60	1/2	2,416.60
3/4	181.09	3/4	430.10	3/4	678.79	3/4	927.68	3/4	1,176.70	3/4	1,425.71	3/4	1,674.73	3/4	1,923.76	3/4	2,172.79	3/4	2,421.79
11	186.28	11	435.29	11	683.97	11	932.87	11	1,181.89	11	1,430.90	11	1,679.92	11	1,928.95	11	2,177.98	11	2,426.98
1/4	191.47	1/4	440.48	1/4	689.15	1/4	938.06	1/4	1,187.08	1/4	1,436.09	1/4	1,685.11	1/4	1,934.14	1/4	2,183.17	1/4	2,432.17
1/2	196.65	1/2	445.66	1/2	694.32	1/2	943.24	1/2	1,192.26	1/2	1,441.27	1/2	1,690.29	1/2	1,939.32	1/2	2,188.35	1/2	2,437.35
3/4	201.84	3/4	450.85	3/4	699.50	3/4	948.43	3/4	1,197.45	3/4	1,446.46	3/4	1,695.48	3/4	1,944.51	3/4	2,193.54	3/4	2,442.54

BARGE COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MMC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (MMC) LOCATED 01'-00" OFF CENTERLINE AND 27'-02" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CTC 10050"

3 CENTER INNAGE TABLE

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

FORMERLY "GBL 1610" & "KIRBY 10375"

GAUGE HEIGHT 16'-11 7/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,447.73	0	2,696.72	0	2,945.72	0	3,194.79	0	3,443.86	0		0		0		0		0	
1/4	2,452.92	1/4	2,701.91	1/4	2,950.91	1/4	3,199.98	1/4	3,449.05	1/4		1/4		1/4		1/4		1/4	
1/2	2,458.10	1/2	2,707.09	1/2	2,956.10	1/2	3,205.17	1/2	3,454.23	1/2		1/2		1/2		1/2		1/2	
3/4	2,463.29	3/4	2,712.28	3/4	2,961.29	3/4	3,210.36	3/4	3,459.42	3/4		3/4		3/4		3/4		3/4	
1	2,468.48	1	2,717.47	1	2,966.48	1	3,215.55	1	3,464.61	1		1		1		1		1	
1/4	2,473.67	1/4	2,722.66	1/4	2,971.67	1/4	3,220.74	1/4	3,469.80	1/4		1/4		1/4		1/4		1/4	
1/2	2,478.85	1/2	2,727.84	1/2	2,976.85	1/2	3,225.92	1/2	3,474.99	1/2		1/2		1/2		1/2		1/2	
3/4	2,484.04	3/4	2,733.03	3/4	2,982.04	3/4	3,231.11	3/4	3,480.18	3/4		3/4		3/4		3/4		3/4	
2	2,489.23	2	2,738.22	2	2,987.23	2	3,236.30	2	3,485.37	2		2		2		2		2	
1/4	2,494.42	1/4	2,743.41	1/4	2,992.42	1/4	3,241.49	1/4	3,490.56	1/4		1/4		1/4		1/4		1/4	
1/2	2,499.60	1/2	2,748.59	1/2	2,997.61	1/2	3,246.68	1/2	3,495.75	1/2		1/2		1/2		1/2		1/2	
3/4	2,504.79	3/4	2,753.78	3/4	3,002.80	3/4	3,251.87	3/4	3,500.86	3/4		3/4		3/4		3/4		3/4	
3	2,509.98	3	2,758.97	3	3,007.99	3	3,257.06	3	3,505.80	3		3		3		3		3	
1/4	2,515.17	1/4	2,764.16	1/4	3,013.18	1/4	3,262.25	1/4	3,510.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,520.35	1/2	2,769.34	1/2	3,018.37	1/2	3,267.43	1/2	3,515.51	1/2		1/2		1/2		1/2		1/2	
3/4	2,525.54	3/4	2,774.53	3/4	3,023.56	3/4	3,272.62	3/4	3,520.16	3/4		3/4		3/4		3/4		3/4	
4	2,530.73	4	2,779.72	4	3,028.75	4	3,277.81	4	3,524.37	4		4		4		4		4	
1/4	2,535.92	1/4	2,784.91	1/4	3,033.94	1/4	3,283.00	1/4	3,528.37	1/4		1/4		1/4		1/4		1/4	
1/2	2,541.10	1/2	2,790.09	1/2	3,039.12	1/2	3,288.19	1/2	3,532.37	1/2		1/2		1/2		1/2		1/2	
3/4	2,546.29	3/4	2,795.28	3/4	3,044.31	3/4	3,293.38	3/4	3,536.15	3/4		3/4		3/4		3/4		3/4	
5	2,551.48	5	2,800.47	5	3,049.50	5	3,298.57	5	3,539.51	5		5		5		5		5	
1/4	2,556.67	1/4	2,805.66	1/4	3,054.69	1/4	3,303.76	1/4	3,542.64	1/4		1/4		1/4		1/4		1/4	
1/2	2,561.85	1/2	2,810.84	1/2	3,059.88	1/2	3,308.94	1/2	3,545.78	1/2		1/2		1/2		1/2		1/2	
3/4	2,567.04	3/4	2,816.03	3/4	3,065.07	3/4	3,314.13	3/4	3,548.69	3/4		3/4		3/4		3/4		3/4	
6	2,572.23	6	2,821.22	6	3,070.26	6	3,319.32	6	3,551.18	6		6		6		6		6	
1/4	2,577.42	1/4	2,826.41	1/4	3,075.45	1/4	3,324.51	1/4	3,553.45	1/4		1/4		1/4		1/4		1/4	
1/2	2,582.60	1/2	2,831.59	1/2	3,080.63	1/2	3,329.70	1/2	3,555.72	1/2		1/2		1/2		1/2		1/2	
3/4	2,587.79	3/4	2,836.78	3/4	3,085.82	3/4	3,334.89	3/4	3,557.77	3/4		3/4		3/4		3/4		3/4	
7	2,592.98	7	2,841.97	7	3,091.01	7	3,340.08	7	3,559.40	7		7		7		7		7	
1/4	2,598.17	1/4	2,847.16	1/4	3,096.20	1/4	3,345.27	1/4	3,560.80	1/4		1/4		1/4		1/4		1/4	
1/2	2,603.35	1/2	2,852.34	1/2	3,101.39	1/2	3,350.46	1/2	3,562.21	1/2		1/2		1/2		1/2		1/2	
3/4	2,608.54	3/4	2,857.53	3/4	3,106.58	3/4	3,355.65	3/4	3,563.38	3/4		3/4		3/4		3/4		3/4	
8	2,613.73	8	2,862.72	8	3,111.77	8	3,360.84	8	3,564.10	8		8		8		8		8	
1/4	2,618.92	1/4	2,867.91	1/4	3,116.96	1/4	3,366.03	1/4	3,564.58	1/4		1/4		1/4		1/4		1/4	
1/2	2,624.10	1/2	2,873.09	1/2	3,122.14	1/2	3,371.21	1/2	3,565.07	1/2		1/2		1/2		1/2		1/2	
3/4	2,629.29	3/4	2,878.28	3/4	3,127.33	3/4	3,376.40	3/4	3,565.56	3/4		3/4		3/4		3/4		3/4	
9	2,634.48	9	2,883.47	9	3,132.52	9	3,381.59	9	3,565.80	9		9		9		9		9	
1/4	2,639.67	1/4	2,888.66	1/4	3,137.71	1/4	3,386.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,644.85	1/2	2,893.84	1/2	3,142.90	1/2	3,391.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,650.04	3/4	2,899.03	3/4	3,148.09	3/4	3,397.16	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,655.23	10	2,904.22	10	3,153.28	10	3,402.35	10		10		10		10		10		10	
1/4	2,660.41	1/4	2,909.41	1/4	3,158.47	1/4	3,407.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,665.60	1/2	2,914.59	1/2	3,163.66	1/2	3,412.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,670.78	3/4	2,919.78	3/4	3,168.85	3/4	3,417.91	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,675.97	11	2,924.97	11	3,174.04	11	3,423.10	11		11		11		11		11		11	
1/4	2,681.16	1/4	2,930.16	1/4	3,179.23	1/4	3,428.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,686.34	1/2	2,935.34	1/2	3,184.41	1/2	3,433.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,691.53	3/4	2,940.53	3/4	3,189.60	3/4	3,438.67	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/29/1999 ITS
DECK MEASUREMENTS: 03/25/2003 SW
REPRINTED: 03/28/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2003

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



BARGE "CTC 10050"

ULLAGE TRIM TABLE

FORMERLY "GBL 1610", "KIRBY
10375" & "CBC 21"

	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	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
2 CENTER	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/8	- 02-1/8
3 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8

(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"

March 25, 2003

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 10050"

1 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1610" & "KIRBY 10375"

GAUGE HEIGHT 16'-11 7/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	0	3,386.40	0	3,154.99	0	2,923.58	0	2,692.18	0	2,451.37	0	2,201.55	0	1,951.70	
1/4	1/4	1/4	1/4	1/4	1/4	3,381.58	1/4	3,150.17	1/4	2,918.76	1/4	2,687.36	1/4	2,446.16	1/4	2,196.34	1/4	1,946.49	
1/2	1/2	1/2	1/2	1/2	1/2	3,376.76	1/2	3,145.35	1/2	2,913.93	1/2	2,682.53	1/2	2,440.96	1/2	2,191.14	1/2	1,941.29	
3/4	3/4	3/4	3/4	3/4	3/4	3,371.94	3/4	3,140.53	3/4	2,909.11	3/4	2,677.71	3/4	2,435.75	3/4	2,185.93	3/4	1,936.08	
1	1	1	1	1	1	3,367.12	1	3,135.71	1	2,904.29	1	2,672.89	1	2,430.55	1	2,180.73	1	1,930.88	
1/4	1/4	1/4	1/4	1/4	1/4	3,362.30	1/4	3,130.89	1/4	2,899.47	1/4	2,668.07	1/4	2,425.34	1/4	2,175.52	1/4	1,925.67	
1/2	1/2	1/2	1/2	1/2	1/2	3,357.48	1/2	3,126.06	1/2	2,894.65	1/2	2,663.25	1/2	2,420.14	1/2	2,170.32	1/2	1,920.47	
3/4	3/4	3/4	3/4	3/4	3/4	3,352.65	3/4	3,121.24	3/4	2,889.83	3/4	2,658.43	3/4	2,414.93	3/4	2,165.11	3/4	1,915.26	
2	2	2	2	2	2	3,347.83	2	3,116.42	2	2,885.01	2	2,653.61	2	2,409.73	2	2,159.91	2	1,910.06	
1/4	1/4	1/4	1/4	1/4	1/4	3,343.01	1/4	3,111.60	1/4	2,880.19	1/4	2,648.79	1/4	2,404.53	1/4	2,154.70	1/4	1,904.85	
1/2	1/2	1/2	1/2	1/2	1/2	3,338.19	1/2	3,106.78	1/2	2,875.37	1/2	2,643.97	1/2	2,399.32	1/2	2,149.50	1/2	1,899.65	
3/4	3/4	3/4	3/4	3/4	3/4	3,333.37	3/4	3,101.96	3/4	2,870.55	3/4	2,639.15	3/4	2,394.12	3/4	2,144.29	3/4	1,894.44	
3	3	3	3	3,502.10	3	3,328.55	3	3,097.14	3	2,865.73	3	2,634.33	3	2,388.92	3	2,139.09	3	1,889.24	
1/4	1/4	1/4	1/4	3,501.70	1/4	3,323.73	1/4	3,092.32	1/4	2,860.91	1/4	2,629.51	1/4	2,383.71	1/4	2,133.88	1/4	1,884.03	
1/2	1/2	1/2	1/2	3,501.30	1/2	3,318.91	1/2	3,087.49	1/2	2,856.08	1/2	2,624.68	1/2	2,378.51	1/2	2,128.68	1/2	1,878.82	
3/4	3/4	3/4	3/4	3,500.90	3/4	3,314.08	3/4	3,082.67	3/4	2,851.26	3/4	2,619.86	3/4	2,373.30	3/4	2,123.47	3/4	1,873.62	
4	4	4	4	3,500.30	4	3,309.26	4	3,077.85	4	2,846.44	4	2,615.04	4	2,368.10	4	2,118.27	4	1,868.41	
1/4	1/4	1/4	1/4	3,499.30	1/4	3,304.44	1/4	3,073.03	1/4	2,841.62	1/4	2,610.22	1/4	2,362.89	1/4	2,113.06	1/4	1,863.20	
1/2	1/2	1/2	1/2	3,498.09	1/2	3,299.62	1/2	3,068.21	1/2	2,836.80	1/2	2,605.40	1/2	2,357.69	1/2	2,107.86	1/2	1,858.00	
3/4	3/4	3/4	3/4	3,496.89	3/4	3,294.80	3/4	3,063.39	3/4	2,831.98	3/4	2,600.58	3/4	2,352.48	3/4	2,102.65	3/4	1,852.79	
5	5	5	5	3,495.48	5	3,289.98	5	3,058.57	5	2,827.16	5	2,595.75	5	2,347.28	5	2,097.45	5	1,847.59	
1/4	1/4	1/4	1/4	3,493.67	1/4	3,285.16	1/4	3,053.75	1/4	2,822.34	1/4	2,590.89	1/4	2,342.07	1/4	2,092.24	1/4	1,842.38	
1/2	1/2	1/2	1/2	3,491.66	1/2	3,280.34	1/2	3,048.92	1/2	2,817.52	1/2	2,586.02	1/2	2,336.87	1/2	2,087.04	1/2	1,837.18	
3/4	3/4	3/4	3/4	3,489.65	3/4	3,275.51	3/4	3,044.10	3/4	2,812.70	3/4	2,581.15	3/4	2,331.66	3/4	2,081.83	3/4	1,831.97	
6	6	6	6	3,487.44	6	3,270.69	6	3,039.28	6	2,807.88	6	2,576.20	6	2,326.46	6	2,076.63	6	1,826.77	
1/4	1/4	1/4	1/4	3,484.83	1/4	3,265.87	1/4	3,034.46	1/4	2,803.06	1/4	2,571.07	1/4	2,321.25	1/4	2,071.42	1/4	1,821.56	
1/2	1/2	1/2	1/2	3,482.02	1/2	3,261.05	1/2	3,029.64	1/2	2,798.23	1/2	2,565.87	1/2	2,316.05	1/2	2,066.21	1/2	1,816.36	
3/4	3/4	3/4	3/4	3,479.20	3/4	3,256.23	3/4	3,024.82	3/4	2,793.41	3/4	2,560.66	3/4	2,310.84	3/4	2,061.01	3/4	1,811.15	
7	7	7	7	3,476.19	7	3,251.41	7	3,020.00	7	2,788.59	7	2,555.46	7	2,305.64	7	2,055.80	7	1,805.95	
1/4	1/4	1/4	1/4	3,472.78	1/4	3,246.59	1/4	3,015.18	1/4	2,783.77	1/4	2,550.26	1/4	2,300.43	1/4	2,050.59	1/4	1,800.74	
1/2	1/2	1/2	1/2	3,469.16	1/2	3,241.77	1/2	3,010.36	1/2	2,778.95	1/2	2,545.05	1/2	2,295.23	1/2	2,045.39	1/2	1,795.54	
3/4	3/4	3/4	3/4	3,465.55	3/4	3,236.95	3/4	3,005.54	3/4	2,774.13	3/4	2,539.85	3/4	2,290.02	3/4	2,040.18	3/4	1,790.33	
8	8	8	8	3,461.73	8	3,232.13	8	3,000.72	8	2,769.31	8	2,534.65	8	2,284.82	8	2,034.98	8	1,785.13	
1/4	1/4	1/4	1/4	3,457.51	1/4	3,227.31	1/4	2,995.90	1/4	2,764.49	1/4	2,529.44	1/4	2,279.61	1/4	2,029.77	1/4	1,779.92	
1/2	1/2	1/2	1/2	3,453.09	1/2	3,222.49	1/2	2,991.07	1/2	2,759.67	1/2	2,524.24	1/2	2,274.41	1/2	2,024.57	1/2	1,774.72	
3/4	3/4	3/4	3/4	3,448.67	3/4	3,217.66	3/4	2,986.25	3/4	2,754.85	3/4	2,519.03	3/4	2,269.20	3/4	2,019.36	3/4	1,769.51	
9	9	9	9	3,444.15	9	3,212.84	9	2,981.43	9	2,750.03	9	2,513.83	9	2,264.00	9	2,014.16	9	1,764.31	
1/4	1/4	1/4	1/4	3,439.43	1/4	3,208.02	1/4	2,976.61	1/4	2,745.21	1/4	2,508.62	1/4	2,258.79	1/4	2,008.95	1/4	1,759.10	
1/2	1/2	1/2	1/2	3,434.61	1/2	3,203.20	1/2	2,971.79	1/2	2,740.38	1/2	2,503.42	1/2	2,253.59	1/2	2,003.75	1/2	1,753.90	
3/4	3/4	3/4	3/4	3,429.79	3/4	3,198.38	3/4	2,966.97	3/4	2,735.56	3/4	2,498.21	3/4	2,248.38	3/4	1,998.54	3/4	1,748.69	
10	10	10	10	3,424.97	10	3,193.56	10	2,962.15	10	2,730.74	10	2,493.01	10	2,243.18	10	1,993.34	10	1,743.49	
1/4	1/4	1/4	1/4	3,420.15	1/4	3,188.74	1/4	2,957.33	1/4	2,725.92	1/4	2,487.80	1/4	2,237.98	1/4	1,988.13	1/4	1,738.28	
1/2	1/2	1/2	1/2	3,415.33	1/2	3,183.91	1/2	2,952.50	1/2	2,721.10	1/2	2,482.60	1/2	2,232.77	1/2	1,982.93	1/2	1,733.08	
3/4	3/4	3/4	3/4	3,410.50	3/4	3,179.09	3/4	2,947.68	3/4	2,716.28	3/4	2,477.39	3/4	2,227.57	3/4	1,977.72	3/4	1,727.87	
11	11	11	11	3,405.68	11	3,174.27	11	2,942.86	11	2,711.46	11	2,472.19	11	2,222.37	11	1,972.52	11	1,722.67	
1/4	1/4	1/4	1/4	3,400.86	1/4	3,169.45	1/4	2,938.04	1/4	2,706.64	1/4	2,466.98	1/4	2,217.16	1/4	1,967.31	1/4	1,717.46	
1/2	1/2	1/2	1/2	3,396.04	1/2	3,164.63	1/2	2,933.22	1/2	2,701.82	1/2	2,461.78	1/2	2,211.96	1/2	1,962.11	1/2	1,712.26	
3/4	3/4	3/4	3/4	3,391.22	3/4	3,159.81	3/4	2,928.40	3/4	2,697.00	3/4	2,456.57	3/4	2,206.75	3/4	1,956.90	3/4	1,707.05	

BARGE COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MMC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (MMC) LOCATED 01'-00" OFF CENTERLINE AND 25'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "CTC 10050"

2 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1610" & "KIRBY 10375"

GAUGE HEIGHT 16'-11 3/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,430.16	0	3,180.96	0	2,931.76	0	2,682.62	0	2,433.49	0	2,184.35	0	1,935.19		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,424.97	1/4	3,175.77	1/4	2,926.57	1/4	2,677.43	1/4	2,428.30	1/4	2,179.16	1/4	1,930.00		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,419.78	1/2	3,170.58	1/2	2,921.38	1/2	2,672.24	1/2	2,423.11	1/2	2,173.97	1/2	1,924.81		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,414.58	3/4	3,165.38	3/4	2,916.18	3/4	2,667.05	3/4	2,417.92	3/4	2,168.78	3/4	1,919.62		
1		1		1		1	3,409.39	1	3,160.19	1	2,910.99	1	2,661.86	1	2,412.73	1	2,163.59	1	1,914.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,404.20	1/4	3,155.00	1/4	2,905.80	1/4	2,656.67	1/4	2,407.54	1/4	2,158.40	1/4	1,909.24		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,399.01	1/2	3,149.81	1/2	2,900.61	1/2	2,651.48	1/2	2,402.34	1/2	2,153.21	1/2	1,904.04		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,393.82	3/4	3,144.61	3/4	2,895.42	3/4	2,646.29	3/4	2,397.15	3/4	2,148.02	3/4	1,898.85		
2		2		2		2	3,388.63	2	3,139.42	2	2,890.23	2	2,641.10	2	2,391.96	2	2,142.83	2	1,893.66		
1/4	1/4	3/8	3/8	1/4	1/4	1/4	3,567.74	1/4	3,383.44	1/4	3,134.23	1/4	2,885.04	1/4	2,635.91	1/4	2,386.77	1/4	2,137.64	1/4	1,888.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,567.61	1/2	3,378.25	1/2	3,129.04	1/2	2,879.85	1/2	2,630.72	1/2	2,381.58	1/2	2,132.44	1/2	1,883.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,567.34	3/4	3,373.05	3/4	3,123.85	3/4	2,874.66	3/4	2,625.53	3/4	2,376.39	3/4	2,127.25	3/4	1,878.09
3		3		3		3	3,566.89	3	3,367.86	3	3,118.66	3	2,869.47	3	2,620.34	3	2,371.20	3	2,122.06	3	1,872.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,566.10	1/4	3,362.67	1/4	3,113.47	1/4	2,864.28	1/4	2,615.15	1/4	2,366.01	1/4	2,116.87	1/4	1,867.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,565.12	1/2	3,357.48	1/2	3,108.28	1/2	2,859.09	1/2	2,609.96	1/2	2,360.82	1/2	2,111.68	1/2	1,862.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,564.15	3/4	3,352.28	3/4	3,103.08	3/4	2,853.90	3/4	2,604.77	3/4	2,355.63	3/4	2,106.49	3/4	1,857.33
4		4		4		4	3,562.95	4	3,347.09	4	3,097.89	4	2,848.71	4	2,599.58	4	2,350.44	4	2,101.30	4	1,852.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,561.33	1/4	3,341.90	1/4	3,092.70	1/4	2,843.52	1/4	2,594.39	1/4	2,345.25	1/4	2,096.11	1/4	1,846.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,559.50	1/2	3,336.71	1/2	3,087.51	1/2	2,838.33	1/2	2,589.20	1/2	2,340.06	1/2	2,090.92	1/2	1,841.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,557.66	3/4	3,331.51	3/4	3,082.31	3/4	2,833.14	3/4	2,584.01	3/4	2,334.87	3/4	2,085.73	3/4	1,836.56
5		5		5		5	3,555.60	5	3,326.32	5	3,077.12	5	2,827.95	5	2,578.82	5	2,329.68	5	2,080.54	5	1,831.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,553.12	1/4	3,321.13	1/4	3,071.93	1/4	2,822.76	1/4	2,573.63	1/4	2,324.49	1/4	2,075.35	1/4	1,826.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,550.41	1/2	3,315.94	1/2	3,066.74	1/2	2,817.57	1/2	2,568.43	1/2	2,319.30	1/2	2,070.15	1/2	1,820.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,547.71	3/4	3,310.75	3/4	3,061.54	3/4	2,812.38	3/4	2,563.24	3/4	2,314.11	3/4	2,064.96	3/4	1,815.80
6		6		6		6	3,544.78	6	3,305.56	6	3,056.36	6	2,807.19	6	2,558.05	6	2,308.92	6	2,059.77	6	1,810.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,541.43	1/4	3,300.37	1/4	3,051.19	1/4	2,802.00	1/4	2,552.86	1/4	2,303.73	1/4	2,054.58	1/4	1,805.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,537.86	1/2	3,295.18	1/2	3,046.02	1/2	2,796.81	1/2	2,547.67	1/2	2,298.54	1/2	2,049.39	1/2	1,800.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,534.29	3/4	3,289.98	3/4	3,040.86	3/4	2,791.62	3/4	2,542.48	3/4	2,293.35	3/4	2,044.20	3/4	1,795.04
7		7		7		7	3,530.50	7	3,284.79	7	3,035.68	7	2,786.43	7	2,537.29	7	2,288.16	7	2,039.01	7	1,789.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,526.29	1/4	3,279.60	1/4	3,030.47	1/4	2,781.24	1/4	2,532.10	1/4	2,282.97	1/4	2,033.82	1/4	1,784.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,521.85	1/2	3,274.41	1/2	3,025.26	1/2	2,776.05	1/2	2,526.91	1/2	2,277.78	1/2	2,028.63	1/2	1,779.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,517.42	3/4	3,269.21	3/4	3,020.04	3/4	2,770.86	3/4	2,521.72	3/4	2,272.59	3/4	2,023.44	3/4	1,774.27
8		8		8		8	3,512.81	8	3,264.02	8	3,014.83	8	2,765.67	8	2,516.53	8	2,267.40	8	2,018.25	8	1,769.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,507.85	1/4	3,258.83	1/4	3,009.63	1/4	2,760.48	1/4	2,511.34	1/4	2,262.21	1/4	2,013.06	1/4	1,763.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,502.72	1/2	3,253.64	1/2	3,004.44	1/2	2,755.29	1/2	2,506.15	1/2	2,257.02	1/2	2,007.86	1/2	1,758.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,497.59	3/4	3,248.45	3/4	2,999.24	3/4	2,750.10	3/4	2,500.96	3/4	2,251.83	3/4	2,002.67	3/4	1,753.51
9		9		9		9	3,492.44	9	3,243.26	9	2,994.05	9	2,744.91	9	2,495.77	9	2,246.64	9	1,997.48	9	1,748.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,487.27	1/4	3,238.07	1/4	2,988.86	1/4	2,739.72	1/4	2,490.58	1/4	2,241.45	1/4	1,992.29	1/4	1,743.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,482.08	1/2	3,232.88	1/2	2,983.67	1/2	2,734.53	1/2	2,485.39	1/2	2,236.25	1/2	1,987.10	1/2	1,737.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,476.88	3/4	3,227.68	3/4	2,978.48	3/4	2,729.33	3/4	2,480.20	3/4	2,231.06	3/4	1,981.91	3/4	1,732.74
10		10		10		10	3,471.69	10	3,222.49	10	2,973.29	10	2,724.14	10	2,475.01	10	2,225.87	10	1,976.72	10	1,727.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,466.50	1/4	3,217.30	1/4	2,968.10	1/4	2,718.95	1/4	2,469.82	1/4	2,220.68	1/4	1,971.53	1/4	1,722.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,461.31	1/2	3,212.11	1/2	2,962.91	1/2	2,713.76	1/2	2,464.63	1/2	2,215.49	1/2	1,966.34	1/2	1,717.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,456.12	3/4	3,206.91	3/4	2,957.71	3/4	2,708.57	3/4	2,459.44	3/4	2,210.30	3/4	1,961.15	3/4	1,711.98
11		11		11		11	3,450.93	11	3,201.72	11	2,952.52	11	2,703.38	11	2,454.25	11	2,205.11	11	1,955.96	11	1,706.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,445.74	1/4	3,196.53	1/4	2,947.33	1/4	2,698.19	1/4	2,449.06	1/4	2,199.92	1/4	1,950.77	1/4	1,701.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,440.55	1/2	3,191.34	1/2	2,942.14	1/2	2,693.00	1/2	2,443.87	1/2	2,194.73	1/2	1,945.57	1/2	1,696.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,435.35	3/4	3,186.15	3/4	2,936.95	3/4	2,687.81	3/4	2,438.68	3/4	2,189.54	3/4	1,940.38	3/4	1,691.22

BARGE COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MMC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (MMC) LOCATED 01'-00" OFF CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CTC 10050"

2 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1610" & "KIRBY 10375"

GAUGE HEIGHT 16'-11 3/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,686.03	0	1,436.87	0	1,187.72	0	938.56	0	689.52	0	440.71	0	191.57	0		0		0	
1/4	1,680.84	1/4	1,431.68	1/4	1,182.53	1/4	933.37	1/4	684.34	1/4	435.52	1/4	186.38	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,675.64	1/2	1,426.49	1/2	1,177.34	1/2	928.18	1/2	679.16	1/2	430.33	1/2	181.19	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,670.45	3/4	1,421.30	3/4	1,172.15	3/4	922.99	3/4	673.98	3/4	425.14	3/4	176.00	3/4	3/4	3/4	3/4	3/4	3/4
1	1,665.26	1	1,416.11	1	1,166.96	1	917.80	1	668.80	1	419.95	1	170.81	1		1		1	
1/4	1,660.07	1/4	1,410.92	1/4	1,161.77	1/4	912.61	1/4	663.62	1/4	414.76	1/4	165.62	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,654.88	1/2	1,405.73	1/2	1,156.57	1/2	907.42	1/2	658.44	1/2	409.57	1/2	160.43	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,649.69	3/4	1,400.54	3/4	1,151.38	3/4	902.23	3/4	653.26	3/4	404.38	3/4	155.24	3/4	3/4	3/4	3/4	3/4	3/4
2	1,644.50	2	1,395.35	2	1,146.19	2	897.04	2	648.08	2	399.19	2	150.05	2		2		2	
1/4	1,639.31	1/4	1,390.16	1/4	1,141.00	1/4	891.85	1/4	642.90	1/4	394.00	1/4	144.86	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,634.12	1/2	1,384.96	1/2	1,135.81	1/2	886.65	1/2	637.72	1/2	388.81	1/2	139.67	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,628.93	3/4	1,379.77	3/4	1,130.62	3/4	881.46	3/4	632.54	3/4	383.62	3/4	134.48	3/4	3/4	3/4	3/4	3/4	3/4
3	1,623.74	3	1,374.58	3	1,125.43	3	876.27	3	627.36	3	378.43	3	129.29	3		3		3	
1/4	1,618.55	1/4	1,369.39	1/4	1,120.24	1/4	871.08	1/4	622.18	1/4	373.24	1/4	124.10	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,613.35	1/2	1,364.20	1/2	1,115.05	1/2	865.89	1/2	617.00	1/2	368.04	1/2	118.90	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,608.16	3/4	1,359.01	3/4	1,109.86	3/4	860.70	3/4	611.82	3/4	362.85	3/4	113.71	3/4	3/4	3/4	3/4	3/4	3/4
4	1,602.97	4	1,353.82	4	1,104.67	4	855.51	4	606.64	4	357.66	4	108.58	4		4		4	
1/4	1,597.78	1/4	1,348.63	1/4	1,099.48	1/4	850.32	1/4	601.46	1/4	352.47	1/4	103.59	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,592.59	1/2	1,343.44	1/2	1,094.28	1/2	845.13	1/2	596.28	1/2	347.28	1/2	98.65	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,587.40	3/4	1,338.25	3/4	1,089.09	3/4	839.94	3/4	591.10	3/4	342.09	3/4	93.72	3/4	3/4	3/4	3/4	3/4	3/4
5	1,582.21	5	1,333.06	5	1,083.90	5	834.75	5	585.92	5	336.90	5	88.91	5		5		5	
1/4	1,577.02	1/4	1,327.87	1/4	1,078.71	1/4	829.56	1/4	580.74	1/4	331.71	1/4	84.35	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,571.83	1/2	1,322.68	1/2	1,073.52	1/2	824.37	1/2	575.56	1/2	326.52	1/2	79.91	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,566.64	3/4	1,317.49	3/4	1,068.33	3/4	819.18	3/4	570.38	3/4	321.33	3/4	75.47	3/4	3/4	3/4	3/4	3/4	3/4
6	1,561.45	6	1,312.30	6	1,063.14	6	813.99	6	565.20	6	316.14	6	71.08	6		6		6	
1/4	1,556.26	1/4	1,307.11	1/4	1,057.95	1/4	808.80	1/4	560.02	1/4	310.95	1/4	66.81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,551.06	1/2	1,301.91	1/2	1,052.76	1/2	803.60	1/2	554.84	1/2	305.76	1/2	62.59	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,545.87	3/4	1,296.72	3/4	1,047.57	3/4	798.41	3/4	549.66	3/4	300.57	3/4	58.37	3/4	3/4	3/4	3/4	3/4	3/4
7	1,540.68	7	1,291.53	7	1,042.38	7	793.22	7	544.48	7	295.38	7	54.11	7		7		7	
1/4	1,535.49	1/4	1,286.34	1/4	1,037.19	1/4	788.03	1/4	539.29	1/4	290.19	1/4	49.76	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,530.30	1/2	1,281.15	1/2	1,032.00	1/2	782.84	1/2	534.11	1/2	285.00	1/2	45.36	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,525.11	3/4	1,275.96	3/4	1,026.81	3/4	777.65	3/4	528.92	3/4	279.81	3/4	40.97	3/4	3/4	3/4	3/4	3/4	3/4
8	1,519.92	8	1,270.77	8	1,021.62	8	772.46	8	523.74	8	274.62	8	36.59	8		8		8	
1/4	1,514.73	1/4	1,265.58	1/4	1,016.43	1/4	767.27	1/4	518.55	1/4	269.43	1/4	32.23	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,509.54	1/2	1,260.39	1/2	1,011.23	1/2	762.08	1/2	513.36	1/2	264.24	1/2	27.88	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,504.35	3/4	1,255.20	3/4	1,006.04	3/4	756.89	3/4	508.18	3/4	259.05	3/4	23.53	3/4	3/4	3/4	3/4	3/4	3/4
9	1,499.16	9	1,250.01	9	1,000.85	9	751.70	9	502.99	9	253.86	9	19.50	9		9		9	
1/4	1,493.97	1/4	1,244.82	1/4	995.66	1/4	746.51	1/4	497.80	1/4	248.67	1/4	16.13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,488.78	1/2	1,239.62	1/2	990.47	1/2	741.33	1/2	492.61	1/2	243.47	1/2	13.08	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,483.59	3/4	1,234.43	3/4	985.28	3/4	736.14	3/4	487.42	3/4	238.28	3/4	10.03	3/4	3/4	3/4	3/4	3/4	3/4
10	1,478.40	10	1,229.24	10	980.09	10	730.96	10	482.23	10	233.09	10	7.38	10		10		10	
1/4	1,473.21	1/4	1,224.05	1/4	974.90	1/4	725.78	1/4	477.04	1/4	227.90	1/4	5.51	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,468.01	1/2	1,218.86	1/2	969.71	1/2	720.60	1/2	471.85	1/2	222.71	1/2	4.04	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,462.82	3/4	1,213.67	3/4	964.52	3/4	715.42	3/4	466.66	3/4	217.52	3/4	2.58	3/4	3/4	3/4	3/4	3/4	3/4
11	1,457.63	11	1,208.48	11	959.33	11	710.24	11	461.47	11	212.33	11	1.40	11		11		11	
1/4	1,452.44	1/4	1,203.29	1/4	954.14	1/4	705.06	1/4	456.28	1/4	207.14	1/4	0.79	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,447.25	1/2	1,198.10	1/2	948.94	1/2	699.88	1/2	451.09	1/2	201.95	1/2	0.63	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,442.06	3/4	1,192.91	3/4	943.75	3/4	694.70	3/4	445.90	3/4	196.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/29/1999 ITS
DECK MEASUREMENTS: 03/25/2003 SW
REPRINTED: 03/25/2003 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2003

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BARGE "CTC 10050"

3 CENTER ULLAGE TABLE

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

FORMERLY "GBL 1610" & "KIRBY 10375"

GAUGE HEIGHT 16'-11 7/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,438.67	0	3,189.60	0	2,940.53	0	2,691.53	0	2,442.54	0	2,193.54	0	1,944.51		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,433.48	1/4	3,184.41	1/4	2,935.34	1/4	2,686.34	1/4	2,437.35	1/4	2,188.35	1/4	1,939.32		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,428.29	1/2	3,179.22	1/2	2,930.15	1/2	2,681.15	1/2	2,432.16	1/2	2,183.16	1/2	1,934.13		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,423.10	3/4	3,174.04	3/4	2,924.97	3/4	2,675.97	3/4	2,426.98	3/4	2,177.98	3/4	1,928.95		
1		1		1		1	3,417.91	1	3,168.85	1	2,919.78	1	2,670.78	1	2,421.79	1	2,172.79	1	1,923.76		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,412.72	1/4	3,163.66	1/4	2,914.59	1/4	2,665.59	1/4	2,416.60	1/4	2,167.60	1/4	1,918.57		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,407.53	1/2	3,158.47	1/2	2,909.40	1/2	2,660.41	1/2	2,411.41	1/2	2,162.41	1/2	1,913.38		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,402.35	3/4	3,153.28	3/4	2,904.22	3/4	2,655.22	3/4	2,406.23	3/4	2,157.23	3/4	1,908.20		
2		2		2		2	3,397.16	2	3,148.09	2	2,899.03	2	2,650.04	2	2,401.04	2	2,152.04	2	1,903.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,391.97	1/4	3,142.90	1/4	2,893.84	1/4	2,644.85	1/4	2,395.85	1/4	2,146.85	1/4	1,897.82		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,386.78	1/2	3,137.71	1/2	2,888.65	1/2	2,639.66	1/2	2,390.66	1/2	2,141.66	1/2	1,892.63		
3/4	3/4	3/4	7/8	3/4	3/4	3/4	3,565.80	3/4	3,381.59	3/4	3,132.52	3/4	2,883.47	3/4	2,634.48	3/4	2,385.48	3/4	2,136.47	3/4	1,887.45
3		3		3		3	3,565.56	3	3,376.40	3	3,127.33	3	2,878.28	3	2,629.29	3	2,380.29	3	2,131.28	3	1,882.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,565.07	1/4	3,371.21	1/4	3,122.14	1/4	2,873.09	1/4	2,624.10	1/4	2,375.10	1/4	2,126.09	1/4	1,877.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,564.58	1/2	3,366.02	1/2	3,116.95	1/2	2,867.90	1/2	2,618.91	1/2	2,369.91	1/2	2,120.90	1/2	1,871.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,564.10	3/4	3,360.84	3/4	3,111.77	3/4	2,862.72	3/4	2,613.73	3/4	2,364.73	3/4	2,115.72	3/4	1,866.69
4		4		4		4	3,563.38	4	3,355.65	4	3,106.58	4	2,857.53	4	2,608.54	4	2,359.54	4	2,110.53	4	1,861.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,562.20	1/4	3,350.46	1/4	3,101.39	1/4	2,852.34	1/4	2,603.35	1/4	2,354.35	1/4	2,105.34	1/4	1,856.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,560.80	1/2	3,345.27	1/2	3,096.20	1/2	2,847.15	1/2	2,598.16	1/2	2,349.16	1/2	2,100.15	1/2	1,851.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,559.39	3/4	3,340.08	3/4	3,091.01	3/4	2,841.97	3/4	2,592.98	3/4	2,343.98	3/4	2,094.97	3/4	1,845.94
5		5		5		5	3,557.77	5	3,334.89	5	3,085.82	5	2,836.78	5	2,587.79	5	2,338.81	5	2,089.78	5	1,840.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,555.72	1/4	3,329.70	1/4	3,080.63	1/4	2,831.59	1/4	2,582.60	1/4	2,333.69	1/4	2,084.59	1/4	1,835.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,553.45	1/2	3,324.51	1/2	3,075.44	1/2	2,826.40	1/2	2,577.41	1/2	2,328.59	1/2	2,079.40	1/2	1,830.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,551.18	3/4	3,319.32	3/4	3,070.26	3/4	2,821.22	3/4	2,572.23	3/4	2,323.50	3/4	2,074.22	3/4	1,825.19
6		6		6		6	3,548.69	6	3,314.13	6	3,065.07	6	2,816.03	6	2,567.04	6	2,318.35	6	2,069.03	6	1,820.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,545.77	1/4	3,308.94	1/4	3,059.88	1/4	2,810.84	1/4	2,561.85	1/4	2,313.12	1/4	2,063.84	1/4	1,814.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,542.64	1/2	3,303.75	1/2	3,054.69	1/2	2,805.65	1/2	2,556.66	1/2	2,307.84	1/2	2,058.65	1/2	1,809.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,539.50	3/4	3,298.57	3/4	3,049.50	3/4	2,800.47	3/4	2,551.48	3/4	2,302.57	3/4	2,053.47	3/4	1,804.44
7		7		7		7	3,536.15	7	3,293.38	7	3,044.31	7	2,795.28	7	2,546.29	7	2,297.31	7	2,048.28	7	1,799.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,532.37	1/4	3,288.19	1/4	3,039.12	1/4	2,790.09	1/4	2,541.10	1/4	2,292.10	1/4	2,043.09	1/4	1,794.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,528.37	1/2	3,283.00	1/2	3,033.93	1/2	2,784.90	1/2	2,535.91	1/2	2,286.91	1/2	2,037.90	1/2	1,788.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,524.37	3/4	3,277.81	3/4	3,028.75	3/4	2,779.72	3/4	2,530.73	3/4	2,281.73	3/4	2,032.71	3/4	1,783.68
8		8		8		8	3,520.16	8	3,272.62	8	3,023.56	8	2,774.53	8	2,525.54	8	2,276.54	8	2,027.52	8	1,778.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,515.51	1/4	3,267.43	1/4	3,018.37	1/4	2,769.34	1/4	2,520.35	1/4	2,271.35	1/4	2,022.33	1/4	1,773.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,510.65	1/2	3,262.24	1/2	3,013.18	1/2	2,764.15	1/2	2,515.16	1/2	2,266.16	1/2	2,017.14	1/2	1,768.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,505.80	3/4	3,257.06	3/4	3,007.99	3/4	2,758.97	3/4	2,509.98	3/4	2,260.98	3/4	2,011.96	3/4	1,762.93
9		9		9		9	3,500.86	9	3,251.87	9	3,002.80	9	2,753.78	9	2,504.79	9	2,255.79	9	2,006.77	9	1,757.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,495.75	1/4	3,246.68	1/4	2,997.61	1/4	2,748.59	1/4	2,499.60	1/4	2,250.60	1/4	2,001.58	1/4	1,752.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,490.56	1/2	3,241.49	1/2	2,992.42	1/2	2,743.40	1/2	2,494.41	1/2	2,245.41	1/2	1,996.39	1/2	1,747.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,485.37	3/4	3,236.30	3/4	2,987.23	3/4	2,738.22	3/4	2,489.23	3/4	2,240.23	3/4	1,991.21	3/4	1,742.18
10		10		10		10	3,480.18	10	3,231.11	10	2,982.04	10	2,733.03	10	2,484.04	10	2,235.04	10	1,986.02	10	1,736.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,474.99	1/4	3,225.92	1/4	2,976.85	1/4	2,727.84	1/4	2,478.85	1/4	2,229.85	1/4	1,980.83	1/4	1,731.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,469.80	1/2	3,220.73	1/2	2,971.66	1/2	2,722.65	1/2	2,473.66	1/2	2,224.66	1/2	1,975.64	1/2	1,726.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,464.61	3/4	3,215.55	3/4	2,966.48	3/4	2,717.47	3/4	2,468.48	3/4	2,219.48	3/4	1,970.46	3/4	1,721.43
11		11		11		11	3,459.42	11	3,210.36	11	2,961.29	11	2,712.28	11	2,463.29	11	2,214.29	11	1,965.27	11	1,716.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,454.23	1/4	3,205.17	1/4	2,956.10	1/4	2,707.09	1/4	2,458.10	1/4	2,209.10	1/4	1,960.08	1/4	1,711.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,449.04	1/2	3,199.98	1/2	2,950.91	1/2	2,701.90	1/2	2,452.91	1/2	2,203.91	1/2	1,954.89	1/2	1,705.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,443.86	3/4	3,194.79	3/4	2,945.72	3/4	2,696.72	3/4	2,447.73	3/4	2,198.73	3/4	1,949.70	3/4	1,700.67

BARGE COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "MMC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (MMC) LOCATED 01'-00" OFF CENTERLINE AND 27'-02" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 & ANALYSIS, INC.
 P.O. Box 2092
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