



BARGE "KIRBY 11014B"

ULLAGE TRIM TABLE

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

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

LENGTH BETWEEN DRAFT MARKS: 183'-00"

April 8, 2010

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

<http://www.pmacorp.net>



BARGE "KIRBY 11014B"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

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	4,095.26	0	3,794.34	0	3,486.65	0	3,178.97	0	2,870.70	0	2,561.61	0	2,252.53		
1/4	1/4	1/4	1/4	1/4	1/4	4,089.89	1/4	3,787.93	1/4	3,480.24	1/4	3,172.56	1/4	2,864.26	1/4	2,555.17	1/4	2,246.09		
1/2	1/2	1/2	1/2	1/2	1/2	4,084.53	1/2	3,781.52	1/2	3,473.83	1/2	3,166.15	1/2	2,857.82	1/2	2,548.73	1/2	2,239.65		
3/4	3/4	3/4	3/4	3/4	3/4	4,079.16	3/4	3,775.11	3/4	3,467.42	3/4	3,159.74	3/4	2,851.38	3/4	2,542.29	3/4	2,233.21		
1	1	1	1	1	1	4,073.79	1	3,768.70	1	3,461.01	1	3,153.33	1	2,844.94	1	2,535.85	1	2,226.77		
1/4	1/4	1/4	1/4	1/4	1/4	4,067.53	1/4	3,762.29	1/4	3,454.60	1/4	3,146.92	1/4	2,838.50	1/4	2,529.42	1/4	2,220.33		
1/2	1/2	1/2	1/2	1/2	1/2	4,061.27	1/2	3,755.88	1/2	3,448.19	1/2	3,140.51	1/2	2,832.06	1/2	2,522.98	1/2	2,213.89		
3/4	3/4	3/4	3/4	3/4	3/4	4,055.01	3/4	3,749.47	3/4	3,441.78	3/4	3,134.10	3/4	2,825.62	3/4	2,516.54	3/4	2,207.45		
2	2	2	2	2	2	4,048.74	2	3,743.06	2	3,435.37	2	3,127.69	2	2,819.18	2	2,510.10	2	2,201.01		
1/4	1/4	1/4	1/4	1/4	1/4	4,042.44	1/4	3,736.65	1/4	3,428.96	1/4	3,121.28	1/4	2,812.74	1/4	2,503.66	1/4	2,194.57		
1/2	1/2	1/2	1/2	1/2	1/2	4,036.14	1/2	3,730.24	1/2	3,422.55	1/2	3,114.87	1/2	2,806.31	1/2	2,497.22	1/2	2,188.13		
3/4	3/4	3/4	3/4	3/4	3/4	4,029.84	3/4	3,723.83	3/4	3,416.14	3/4	3,108.46	3/4	2,799.87	3/4	2,490.78	3/4	2,181.69		
3	3	3	3	3	3	4,023.54	3	3,717.42	3	3,409.73	3	3,102.05	3	2,793.43	3	2,484.34	3	2,175.25		
1/4	1/4	1/4	1/4	1/4	1/4	4,017.23	1/4	3,711.01	1/4	3,403.32	1/4	3,095.64	1/4	2,786.99	1/4	2,477.90	1/4	2,168.81		
1/2	1/2	1/2	1/2	1/2	1/2	4,010.92	1/2	3,704.60	1/2	3,396.91	1/2	3,089.23	1/2	2,780.55	1/2	2,471.46	1/2	2,162.38		
3/4	3/4	3/4	3/4	3/4	3/4	4,004.60	3/4	3,698.19	3/4	3,390.50	3/4	3,082.82	3/4	2,774.11	3/4	2,465.02	3/4	2,155.94		
4	4	4	4	4	4	3,998.29	4	3,691.77	4	3,384.09	4	3,076.41	4	2,767.67	4	2,458.58	4	2,149.50		
1/4	1/4	1/4	1/4	1/4	1/4	3,991.97	1/4	3,685.36	1/4	3,377.68	1/4	3,070.00	1/4	2,761.23	1/4	2,452.14	1/4	2,143.06		
1/2	1/2	1/2	1/2	1/2	1/2	3,985.66	1/2	3,678.95	1/2	3,371.27	1/2	3,063.59	1/2	2,754.79	1/2	2,445.70	1/2	2,136.62		
3/4	3/4	3/4	3/4	3/4	3/4	3,979.35	3/4	3,672.54	3/4	3,364.86	3/4	3,057.17	3/4	2,748.35	3/4	2,439.26	3/4	2,130.18		
5	5	5	5	5	5	3,973.03	5	3,666.13	5	3,358.45	5	3,050.76	5	2,741.91	5	2,432.83	5	2,123.74		
1/4	1/4	1/4	1/4	1/4	1/4	3,966.72	1/4	3,659.72	1/4	3,352.04	1/4	3,044.35	1/4	2,735.47	1/4	2,426.39	1/4	2,117.30		
1/2	1/2	1/2	1/2	1/2	1/2	3,960.41	1/2	3,653.31	1/2	3,345.63	1/2	3,037.94	1/2	2,729.03	1/2	2,419.95	1/2	2,110.86		
3/4	3/4	3/4	3/4	3/4	3/4	3,954.10	3/4	3,646.90	3/4	3,339.22	3/4	3,031.53	3/4	2,722.59	3/4	2,413.51	3/4	2,104.42		
6	6	6	6	6	6	3,947.78	6	3,640.49	6	3,332.81	6	3,025.12	6	2,716.15	6	2,407.07	6	2,097.98		
1/4	1/4	1/4	1/4	1/4	1/4	3,941.47	1/4	3,634.08	1/4	3,326.40	1/4	3,018.71	1/4	2,709.72	1/4	2,400.63	1/4	2,091.54		
1/2	1/2	1/2	1/2	1/2	1/2	3,935.16	1/2	3,627.67	1/2	3,319.99	1/2	3,012.30	1/2	2,703.28	1/2	2,394.19	1/2	2,085.10		
3/4	3/4	3/4	3/4	3/4	3/4	3,928.85	3/4	3,621.26	3/4	3,313.58	3/4	3,005.89	3/4	2,696.84	3/4	2,387.75	3/4	2,078.66		
7	7	7	7	7	7	3,922.54	7	3,614.85	7	3,307.17	7	2,999.48	7	2,690.40	7	2,381.31	7	2,072.22		
1/4	1/4	1/4	1/4	1/4	1/4	3,916.13	1/4	3,608.44	1/4	3,300.76	1/4	2,993.04	1/4	2,683.96	1/4	2,374.87	1/4	2,065.79		
1/2	1/2	1/2	1/2	1/2	1/2	3,909.72	1/2	3,602.03	1/2	3,294.35	1/2	2,986.61	1/2	2,677.52	1/2	2,368.43	1/2	2,059.35		
3/4	3/4	3/4	3/4	3/4	3/4	3,903.31	3/4	3,595.62	3/4	3,287.94	3/4	2,980.17	3/4	2,671.08	3/4	2,361.99	3/4	2,052.91		
8	8	8	8	8	8	3,896.90	8	3,589.21	8	3,281.53	8	2,973.73	8	2,664.64	8	2,355.55	8	2,046.47		
1/4	1/4	1/4	1/4	1/4	1/4	3,890.49	1/4	3,582.80	1/4	3,275.12	1/4	2,967.29	1/4	2,658.20	1/4	2,349.11	1/4	2,040.03		
1/2	1/2	1/2	1/2	1/2	1/2	3,884.08	1/2	3,576.39	1/2	3,268.71	1/2	2,960.85	1/2	2,651.76	1/2	2,342.68	1/2	2,033.59		
3/4	3/4	3/4	3/4	3/4	3/4	3,877.67	3/4	3,569.98	3/4	3,262.30	3/4	2,954.41	3/4	2,645.32	3/4	2,336.24	3/4	2,027.15		
9	9	9	9	9	9	3,871.26	9	3,563.57	9	3,255.89	9	2,947.97	9	2,638.88	9	2,329.80	9	2,020.71		
1/4	1/4	1/4	1/4	1/4	1/4	3,864.85	1/4	3,557.16	1/4	3,249.48	1/4	2,941.53	1/4	2,632.44	1/4	2,323.36	1/4	2,014.27		
1/2	1/2	1/2	1/2	1/2	1/2	3,858.44	1/2	3,550.75	1/2	3,243.07	1/2	2,935.09	1/2	2,626.00	1/2	2,316.92	1/2	2,007.83		
3/4	3/4	3/4	3/4	3/4	3/4	3,852.03	3/4	3,544.34	3/4	3,236.66	3/4	2,928.65	3/4	2,619.57	3/4	2,310.48	3/4	2,001.39		
10	10	10	10	10	10	3,845.62	10	3,537.93	10	3,230.25	10	2,922.21	10	2,613.13	10	2,304.04	10	1,994.95		
1/4	1/4	1/4	1/4	1/4	1/4	3,839.21	1/4	3,531.52	1/4	3,223.84	1/4	2,915.77	1/4	2,606.69	1/4	2,297.60	1/4	1,988.51		
1/2	1/2	1/2	1/2	1/2	1/2	4,110.29	1/2	3,832.80	1/2	3,525.11	1/2	3,217.43	1/2	2,909.33	1/2	2,600.25	1/2	2,291.16	1/2	1,982.07
3/4	3/4	3/4	3/4	3/4	3/4	4,109.22	3/4	3,826.39	3/4	3,518.70	3/4	3,211.02	3/4	2,902.89	3/4	2,593.81	3/4	2,284.72	3/4	1,975.64
11	11	11	11	11	11	4,108.15	11	3,819.98	11	3,512.29	11	3,204.61	11	2,896.46	11	2,587.37	11	2,278.28	11	1,969.20
1/4	1/4	1/4	1/4	1/4	1/4	4,104.93	1/4	3,813.57	1/4	3,505.88	1/4	3,198.20	1/4	2,890.02	1/4	2,580.93	1/4	2,271.84	1/4	1,962.76
1/2	1/2	1/2	1/2	1/2	1/2	4,101.70	1/2	3,807.16	1/2	3,499.47	1/2	3,191.79	1/2	2,883.58	1/2	2,574.49	1/2	2,265.40	1/2	1,956.32
3/4	3/4	3/4	3/4	3/4	3/4	4,098.48	3/4	3,800.75	3/4	3,493.06	3/4	3,185.38	3/4	2,877.14	3/4	2,568.05	3/4	2,258.96	3/4	1,949.88

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 EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 11014B"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,943.44	0	1,634.34	0	1,325.08	0	1,016.84	0	708.20	0	398.97	0	90.00	0		0			
1/4	1,937.00	1/4	1,627.90	1/4	1,318.64	1/4	1,010.44	1/4	701.76	1/4	392.53	1/4	83.64	1/4		1/4			
1/2	1,930.56	1/2	1,621.45	1/2	1,312.19	1/2	1,004.03	1/2	695.32	1/2	386.08	1/2	77.27	1/2		1/2			
3/4	1,924.12	3/4	1,615.01	3/4	1,305.75	3/4	997.62	3/4	688.88	3/4	379.64	3/4	70.90	3/4		3/4			
1	1,917.68	1	1,608.57	1	1,299.31	1	991.22	1	682.43	1	373.20	1	64.53	1		1			
1/4	1,911.24	1/4	1,602.12	1/4	1,292.86	1/4	984.81	1/4	675.99	1/4	366.76	1/4	58.22	1/4		1/4			
1/2	1,904.80	1/2	1,595.68	1/2	1,286.42	1/2	978.40	1/2	669.55	1/2	360.31	1/2	51.91	1/2		1/2			
3/4	1,898.36	3/4	1,589.24	3/4	1,279.98	3/4	972.00	3/4	663.11	3/4	353.87	3/4	45.60	3/4		3/4			
2	1,891.92	2	1,582.79	2	1,273.54	2	965.59	2	656.66	2	347.43	2	39.30	2		2			
1/4	1,885.49	1/4	1,576.35	1/4	1,267.09	1/4	959.19	1/4	650.22	1/4	340.99	1/4	33.94	1/4		1/4			
1/2	1,879.05	1/2	1,569.91	1/2	1,260.65	1/2	952.79	1/2	643.78	1/2	334.54	1/2	28.58	1/2		1/2			
3/4	1,872.61	3/4	1,563.47	3/4	1,254.21	3/4	946.39	3/4	637.34	3/4	328.10	3/4	23.22	3/4		3/4			
3	1,866.17	3	1,557.02	3	1,247.76	3	939.99	3	630.90	3	321.66	3	17.86	3		3			
1/4	1,859.73	1/4	1,550.58	1/4	1,241.32	1/4	933.55	1/4	624.45	1/4	315.22	1/4	14.64	1/4		1/4			
1/2	1,853.29	1/2	1,544.14	1/2	1,234.88	1/2	927.11	1/2	618.01	1/2	308.78	1/2	11.42	1/2		1/2			
3/4	1,846.85	3/4	1,537.69	3/4	1,228.44	3/4	920.67	3/4	611.57	3/4	302.33	3/4	8.19	3/4		3/4			
4	1,840.41	4	1,531.25	4	1,221.99	4	914.24	4	605.13	4	295.89	4	4.97	4		4			
1/4	1,833.97	1/4	1,524.81	1/4	1,215.55	1/4	907.80	1/4	598.68	1/4	289.45	1/4	3.90	1/4		1/4			
1/2	1,827.53	1/2	1,518.37	1/2	1,209.11	1/2	901.36	1/2	592.24	1/2	283.01	1/2	2.83	1/2		1/2			
3/4	1,821.09	3/4	1,511.92	3/4	1,202.66	3/4	894.92	3/4	585.80	3/4	276.56	3/4	1.75	3/4		3/4			
5	1,814.65	5	1,505.48	5	1,196.22	5	888.49	5	579.36	5	270.12	5	0.68	5		5			
1/4	1,808.21	1/4	1,499.04	1/4	1,189.81	1/4	882.05	1/4	572.91	1/4	263.68	1/4		1/4		1/4			
1/2	1,801.77	1/2	1,492.59	1/2	1,183.41	1/2	875.61	1/2	566.47	1/2	257.24	1/2		1/2		1/2			
3/4	1,795.33	3/4	1,486.15	3/4	1,177.00	3/4	869.17	3/4	560.03	3/4	250.79	3/4		3/4		3/4			
6	1,788.90	6	1,479.71	6	1,170.60	6	862.74	6	553.59	6	244.35	6		6		6			
1/4	1,782.46	1/4	1,473.27	1/4	1,164.19	1/4	856.30	1/4	547.14	1/4	237.91	1/4		1/4		1/4			
1/2	1,776.02	1/2	1,466.82	1/2	1,157.78	1/2	849.86	1/2	540.70	1/2	231.47	1/2		1/2		1/2			
3/4	1,769.58	3/4	1,460.38	3/4	1,151.38	3/4	843.42	3/4	534.26	3/4	225.02	3/4		3/4		3/4			
7	1,763.14	7	1,453.94	7	1,144.97	7	836.99	7	527.82	7	218.58	7		7		7			
1/4	1,756.70	1/4	1,447.49	1/4	1,138.56	1/4	830.55	1/4	521.37	1/4	212.14	1/4		1/4		1/4			
1/2	1,750.26	1/2	1,441.05	1/2	1,132.16	1/2	824.11	1/2	514.93	1/2	205.70	1/2		1/2		1/2			
3/4	1,743.82	3/4	1,434.61	3/4	1,125.75	3/4	817.67	3/4	508.49	3/4	199.25	3/4		3/4		3/4			
8	1,737.38	8	1,428.17	8	1,119.34	8	811.24	8	502.05	8	192.81	8		8		8			
1/4	1,730.94	1/4	1,421.72	1/4	1,112.94	1/4	804.80	1/4	495.60	1/4	186.37	1/4		1/4		1/4			
1/2	1,724.50	1/2	1,415.28	1/2	1,106.53	1/2	798.36	1/2	489.16	1/2	179.93	1/2		1/2		1/2			
3/4	1,718.06	3/4	1,408.84	3/4	1,100.12	3/4	791.92	3/4	482.72	3/4	173.49	3/4		3/4		3/4			
9	1,711.62	9	1,402.39	9	1,093.72	9	785.49	9	476.28	9	167.05	9		9		9			
1/4	1,705.18	1/4	1,395.95	1/4	1,087.31	1/4	779.05	1/4	469.84	1/4	160.61	1/4		1/4		1/4			
1/2	1,698.75	1/2	1,389.51	1/2	1,080.91	1/2	772.61	1/2	463.39	1/2	154.17	1/2		1/2		1/2			
3/4	1,692.31	3/4	1,383.06	3/4	1,074.50	3/4	766.18	3/4	456.95	3/4	147.74	3/4		3/4		3/4			
10	1,685.87	10	1,376.62	10	1,068.09	10	759.74	10	450.51	10	141.30	10		10		10			
1/4	1,679.43	1/4	1,370.18	1/4	1,061.69	1/4	753.30	1/4	444.07	1/4	134.88	1/4		1/4		1/4			
1/2	1,672.99	1/2	1,363.74	1/2	1,055.28	1/2	746.86	1/2	437.62	1/2	128.46	1/2		1/2		1/2			
3/4	1,666.55	3/4	1,357.29	3/4	1,048.87	3/4	740.41	3/4	431.18	3/4	122.03	3/4		3/4		3/4			
11	1,660.11	11	1,350.85	11	1,042.47	11	733.97	11	424.74	11	115.61	11		11		11			
1/4	1,653.67	1/4	1,344.41	1/4	1,036.06	1/4	727.53	1/4	418.30	1/4	109.21	1/4		1/4		1/4			
1/2	1,647.22	1/2	1,337.96	1/2	1,029.65	1/2	721.09	1/2	411.85	1/2	102.81	1/2		1/2		1/2			
3/4	1,640.78	3/4	1,331.52	3/4	1,023.25	3/4	714.65	3/4	405.41	3/4	96.41	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2010 CL - SW
CALCULATED: 04/08/2010 CL
PRINTED: 04/08/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

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



BARGE "KIRBY 11014B"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	3,929.35	0	3,663.91	0	3,369.47	0	3,075.04	0	2,780.20	0	2,484.38	0	2,188.56
1/4		1/4		1/4		1/4	3,928.32	1/4	3,657.77	1/4	3,363.34	1/4	3,068.91	1/4	2,774.04	1/4	2,478.22	1/4	2,182.39
1/2		1/2		1/2		1/2	3,927.29	1/2	3,651.64	1/2	3,357.21	1/2	3,062.77	1/2	2,767.88	1/2	2,472.05	1/2	2,176.23
3/4		3/4		3/4		3/4	3,924.21	3/4	3,645.50	3/4	3,351.07	3/4	3,056.64	3/4	2,761.72	3/4	2,465.89	3/4	2,170.07
1		1		1		1	3,921.13	1	3,639.37	1	3,344.94	1	3,050.51	1	2,755.55	1	2,459.73	1	2,163.90
1/4		1/4		1/4		1/4	3,918.04	1/4	3,633.24	1/4	3,338.80	1/4	3,044.37	1/4	2,749.39	1/4	2,453.57	1/4	2,157.74
1/2		1/2		1/2		1/2	3,914.96	1/2	3,627.10	1/2	3,332.67	1/2	3,038.24	1/2	2,743.23	1/2	2,447.40	1/2	2,151.58
3/4		3/4		3/4		3/4	3,909.82	3/4	3,620.97	3/4	3,326.54	3/4	3,032.10	3/4	2,737.06	3/4	2,441.24	3/4	2,145.42
2		2		2		2	3,904.69	2	3,614.83	2	3,320.40	2	3,025.97	2	2,730.90	2	2,435.08	2	2,139.25
1/4		1/4		1/4		1/4	3,899.55	1/4	3,608.70	1/4	3,314.27	1/4	3,019.84	1/4	2,724.74	1/4	2,428.91	1/4	2,133.09
1/2		1/2		1/2		1/2	3,894.41	1/2	3,602.57	1/2	3,308.13	1/2	3,013.70	1/2	2,718.57	1/2	2,422.75	1/2	2,126.93
3/4		3/4		3/4		3/4	3,888.42	3/4	3,596.43	3/4	3,302.00	3/4	3,007.57	3/4	2,712.41	3/4	2,416.59	3/4	2,120.76
3		3		3		3	3,882.43	3	3,590.30	3	3,295.87	3	3,001.43	3	2,706.25	3	2,410.42	3	2,114.60
1/4		1/4		1/4		1/4	3,876.45	1/4	3,584.16	1/4	3,289.73	1/4	2,995.30	1/4	2,700.09	1/4	2,404.26	1/4	2,108.44
1/2		1/2		1/2		1/2	3,870.46	1/2	3,578.03	1/2	3,283.60	1/2	2,989.17	1/2	2,693.92	1/2	2,398.10	1/2	2,102.27
3/4		3/4		3/4		3/4	3,864.43	3/4	3,571.90	3/4	3,277.46	3/4	2,983.03	3/4	2,687.76	3/4	2,391.94	3/4	2,096.11
4		4		4		4	3,858.41	4	3,565.76	4	3,271.33	4	2,976.90	4	2,681.60	4	2,385.77	4	2,089.95
1/4		1/4		1/4		1/4	3,852.38	1/4	3,559.63	1/4	3,265.20	1/4	2,970.76	1/4	2,675.43	1/4	2,379.61	1/4	2,083.79
1/2		1/2		1/2		1/2	3,846.36	1/2	3,553.49	1/2	3,259.06	1/2	2,964.63	1/2	2,669.27	1/2	2,373.45	1/2	2,077.62
3/4		3/4		3/4		3/4	3,840.32	3/4	3,547.36	3/4	3,252.93	3/4	2,958.50	3/4	2,663.11	3/4	2,367.28	3/4	2,071.46
5		5		5		5	3,834.29	5	3,541.23	5	3,246.79	5	2,952.36	5	2,656.94	5	2,361.12	5	2,065.30
1/4		1/4		1/4		1/4	3,828.26	1/4	3,535.09	1/4	3,240.66	1/4	2,946.23	1/4	2,650.78	1/4	2,354.96	1/4	2,059.13
1/2		1/2		1/2		1/2	3,822.22	1/2	3,528.96	1/2	3,234.53	1/2	2,940.09	1/2	2,644.62	1/2	2,348.79	1/2	2,052.97
3/4		3/4		3/4		3/4	3,816.18	3/4	3,522.82	3/4	3,228.39	3/4	2,933.96	3/4	2,638.46	3/4	2,342.63	3/4	2,046.81
6		6		6		6	3,810.14	6	3,516.69	6	3,222.26	6	2,927.83	6	2,632.29	6	2,336.47	6	2,040.64
1/4		1/4		1/4		1/4	3,804.11	1/4	3,510.56	1/4	3,216.12	1/4	2,921.69	1/4	2,626.13	1/4	2,330.31	1/4	2,034.48
1/2		1/2		1/2		1/2	3,798.07	1/2	3,504.42	1/2	3,209.99	1/2	2,915.56	1/2	2,619.97	1/2	2,324.14	1/2	2,028.32
3/4		3/4		3/4		3/4	3,792.03	3/4	3,498.29	3/4	3,203.86	3/4	2,909.42	3/4	2,613.80	3/4	2,317.98	3/4	2,022.16
7		7		7		7	3,786.00	7	3,492.15	7	3,197.72	7	2,903.29	7	2,607.64	7	2,311.82	7	2,015.99
1/4		1/4		1/4		1/4	3,779.96	1/4	3,486.02	1/4	3,191.59	1/4	2,897.16	1/4	2,601.48	1/4	2,305.65	1/4	2,009.83
1/2		1/2		1/2		1/2	3,773.92	1/2	3,479.89	1/2	3,185.45	1/2	2,891.02	1/2	2,595.31	1/2	2,299.49	1/2	2,003.67
3/4		3/4		3/4		3/4	3,767.89	3/4	3,473.75	3/4	3,179.32	3/4	2,884.89	3/4	2,589.15	3/4	2,293.33	3/4	1,997.50
8		8		8		8	3,761.85	8	3,467.62	8	3,173.19	8	2,878.75	8	2,582.99	8	2,287.16	8	1,991.34
1/4		1/4		1/4		1/4	3,755.82	1/4	3,461.48	1/4	3,167.05	1/4	2,872.62	1/4	2,576.83	1/4	2,281.00	1/4	1,985.18
1/2		1/2		1/2		1/2	3,749.78	1/2	3,455.35	1/2	3,160.92	1/2	2,866.49	1/2	2,570.66	1/2	2,274.84	1/2	1,979.01
3/4		3/4		3/4		3/4	3,743.65	3/4	3,449.22	3/4	3,154.78	3/4	2,860.32	3/4	2,564.50	3/4	2,268.68	3/4	1,972.85
9		9		9		9	3,737.51	9	3,443.08	9	3,148.65	9	2,854.16	9	2,558.34	9	2,262.51	9	1,966.69
1/4		1/4		1/4		1/4	3,731.38	1/4	3,436.95	1/4	3,142.52	1/4	2,848.00	1/4	2,552.17	1/4	2,256.35	1/4	1,960.53
1/2		1/2		1/2		1/2	3,725.25	1/2	3,430.81	1/2	3,136.38	1/2	2,841.83	1/2	2,546.01	1/2	2,250.19	1/2	1,954.36
3/4		3/4		3/4		3/4	3,719.11	3/4	3,424.68	3/4	3,130.25	3/4	2,835.67	3/4	2,539.85	3/4	2,244.02	3/4	1,948.20
10		10		10		10	3,712.98	10	3,418.55	10	3,124.11	10	2,829.51	10	2,533.68	10	2,237.86	10	1,942.04
1/4		1/4		1/4		1/4	3,706.84	1/4	3,412.41	1/4	3,117.98	1/4	2,823.35	1/4	2,527.52	1/4	2,231.70	1/4	1,935.87
1/2		1/2		1/2		1/2	3,700.71	1/2	3,406.28	1/2	3,111.85	1/2	2,817.18	1/2	2,521.36	1/2	2,225.53	1/2	1,929.71
3/4		3/4		3/4		3/4	3,694.58	3/4	3,400.14	3/4	3,105.71	3/4	2,811.02	3/4	2,515.20	3/4	2,219.37	3/4	1,923.55
11		11		11		11	3,688.44	11	3,394.01	11	3,099.58	11	2,804.86	11	2,509.03	11	2,213.21	11	1,917.38
1/4		1/4		1/4		1/4	3,682.31	1/4	3,387.88	1/4	3,093.44	1/4	2,798.69	1/4	2,502.87	1/4	2,207.05	1/4	1,911.22
1/2		1/2		1/2		1/2	3,676.17	1/2	3,381.74	1/2	3,087.31	1/2	2,792.53	1/2	2,496.71	1/2	2,200.88	1/2	1,905.06
3/4		3/4		3/4		3/4	3,670.04	3/4	3,375.61	3/4	3,081.18	3/4	2,786.37	3/4	2,490.54	3/4	2,194.72	3/4	1,898.90

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 EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 11014B"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,892.73	0	1,596.91	0	1,300.91	0	1,006.61	0	714.77	0	418.89	0	122.97	0		0		0	
1/4	1,886.57	1/4	1,590.75	1/4	1,294.75	1/4	1,000.53	1/4	708.65	1/4	412.72	1/4	116.83	1/4		1/4		1/4	
1/2	1,880.41	1/2	1,584.58	1/2	1,288.58	1/2	994.45	1/2	702.53	1/2	406.55	1/2	110.68	1/2		1/2		1/2	
3/4	1,874.24	3/4	1,578.42	3/4	1,282.41	3/4	988.37	3/4	696.36	3/4	400.39	3/4	104.55	3/4		3/4		3/4	
1	1,868.08	1	1,572.25	1	1,276.25	1	982.28	1	690.20	1	394.22	1	98.43	1		1		1	
1/4	1,861.92	1/4	1,566.08	1/4	1,270.08	1/4	976.20	1/4	684.03	1/4	388.06	1/4	92.30	1/4		1/4		1/4	
1/2	1,855.75	1/2	1,559.92	1/2	1,263.91	1/2	970.12	1/2	677.87	1/2	381.89	1/2	86.17	1/2		1/2		1/2	
3/4	1,849.59	3/4	1,553.75	3/4	1,257.75	3/4	964.04	3/4	671.70	3/4	375.72	3/4	80.08	3/4		3/4		3/4	
2	1,843.43	2	1,547.58	2	1,251.58	2	957.96	2	665.53	2	369.56	2	73.98	2		2		2	
1/4	1,837.27	1/4	1,541.42	1/4	1,245.41	1/4	951.87	1/4	659.37	1/4	363.39	1/4	67.89	1/4		1/4		1/4	
1/2	1,831.10	1/2	1,535.25	1/2	1,239.25	1/2	945.79	1/2	653.20	1/2	357.22	1/2	61.79	1/2		1/2		1/2	
3/4	1,824.94	3/4	1,529.08	3/4	1,233.08	3/4	939.71	3/4	647.04	3/4	351.06	3/4	55.75	3/4		3/4		3/4	
3	1,818.78	3	1,522.92	3	1,226.91	3	933.63	3	640.87	3	344.89	3	49.71	3		3		3	
1/4	1,812.61	1/4	1,516.75	1/4	1,220.75	1/4	927.55	1/4	634.70	1/4	338.73	1/4	43.68	1/4		1/4		1/4	
1/2	1,806.45	1/2	1,510.58	1/2	1,214.58	1/2	921.46	1/2	628.54	1/2	332.56	1/2	37.64	1/2		1/2		1/2	
3/4	1,800.29	3/4	1,504.42	3/4	1,208.41	3/4	915.39	3/4	622.37	3/4	326.39	3/4	32.51	3/4		3/4		3/4	
4	1,794.12	4	1,498.25	4	1,202.25	4	909.31	4	616.20	4	320.23	4	27.38	4		4		4	
1/4	1,787.96	1/4	1,492.08	1/4	1,196.08	1/4	903.24	1/4	610.04	1/4	314.06	1/4	22.25	1/4		1/4		1/4	
1/2	1,781.80	1/2	1,485.92	1/2	1,189.91	1/2	897.16	1/2	603.87	1/2	307.89	1/2	17.12	1/2		1/2		1/2	
3/4	1,775.64	3/4	1,479.75	3/4	1,183.75	3/4	891.08	3/4	597.71	3/4	301.73	3/4	14.04	3/4		3/4		3/4	
5	1,769.47	5	1,473.58	5	1,177.58	5	885.01	5	591.54	5	295.56	5	10.95	5		5		5	
1/4	1,763.31	1/4	1,467.42	1/4	1,171.41	1/4	878.93	1/4	585.37	1/4	289.40	1/4	7.87	1/4		1/4		1/4	
1/2	1,757.15	1/2	1,461.25	1/2	1,165.25	1/2	872.85	1/2	579.21	1/2	283.23	1/2	4.79	1/2		1/2		1/2	
3/4	1,750.98	3/4	1,455.08	3/4	1,159.08	3/4	866.78	3/4	573.04	3/4	277.06	3/4	3.76	3/4		3/4		3/4	
6	1,744.82	6	1,448.92	6	1,152.91	6	860.70	6	566.88	6	270.90	6	2.73	6		6		6	
1/4	1,738.66	1/4	1,442.75	1/4	1,146.75	1/4	854.62	1/4	560.71	1/4	264.73	1/4	1.71	1/4		1/4		1/4	
1/2	1,732.49	1/2	1,436.58	1/2	1,140.58	1/2	848.55	1/2	554.54	1/2	258.57	1/2	0.68	1/2		1/2		1/2	
3/4	1,726.33	3/4	1,430.42	3/4	1,134.46	3/4	842.47	3/4	548.38	3/4	252.40	3/4		3/4		3/4		3/4	
7	1,720.17	7	1,424.25	7	1,128.33	7	836.39	7	542.21	7	246.23	7		7		7		7	
1/4	1,714.01	1/4	1,418.08	1/4	1,122.21	1/4	830.32	1/4	536.04	1/4	240.07	1/4		1/4		1/4		1/4	
1/2	1,707.84	1/2	1,411.92	1/2	1,116.09	1/2	824.24	1/2	529.88	1/2	233.90	1/2		1/2		1/2		1/2	
3/4	1,701.68	3/4	1,405.75	3/4	1,110.00	3/4	818.16	3/4	523.71	3/4	227.73	3/4		3/4		3/4		3/4	
8	1,695.52	8	1,399.58	8	1,103.92	8	812.09	8	517.55	8	221.57	8		8		8		8	
1/4	1,689.35	1/4	1,393.42	1/4	1,097.84	1/4	806.01	1/4	511.38	1/4	215.40	1/4		1/4		1/4		1/4	
1/2	1,683.19	1/2	1,387.25	1/2	1,091.76	1/2	799.93	1/2	505.21	1/2	209.24	1/2		1/2		1/2		1/2	
3/4	1,677.03	3/4	1,381.08	3/4	1,085.68	3/4	793.86	3/4	499.05	3/4	203.07	3/4		3/4		3/4		3/4	
9	1,670.86	9	1,374.92	9	1,079.59	9	787.78	9	492.88	9	196.90	9		9		9		9	
1/4	1,664.70	1/4	1,368.75	1/4	1,073.51	1/4	781.71	1/4	486.71	1/4	190.74	1/4		1/4		1/4		1/4	
1/2	1,658.54	1/2	1,362.58	1/2	1,067.43	1/2	775.63	1/2	480.55	1/2	184.57	1/2		1/2		1/2		1/2	
3/4	1,652.38	3/4	1,356.42	3/4	1,061.35	3/4	769.55	3/4	474.38	3/4	178.41	3/4		3/4		3/4		3/4	
10	1,646.21	10	1,350.25	10	1,055.27	10	763.48	10	468.22	10	172.24	10		10		10		10	
1/4	1,640.05	1/4	1,344.08	1/4	1,049.18	1/4	757.40	1/4	462.05	1/4	166.07	1/4		1/4		1/4		1/4	
1/2	1,633.89	1/2	1,337.91	1/2	1,043.10	1/2	751.32	1/2	455.88	1/2	159.91	1/2		1/2		1/2		1/2	
3/4	1,627.72	3/4	1,331.75	3/4	1,037.02	3/4	745.25	3/4	449.72	3/4	153.75	3/4		3/4		3/4		3/4	
11	1,621.56	11	1,325.58	11	1,030.94	11	739.17	11	443.55	11	147.59	11		11		11		11	
1/4	1,615.40	1/4	1,319.41	1/4	1,024.86	1/4	733.10	1/4	437.39	1/4	141.43	1/4		1/4		1/4		1/4	
1/2	1,609.23	1/2	1,313.25	1/2	1,018.77	1/2	727.02	1/2	431.22	1/2	135.27	1/2		1/2		1/2		1/2	
3/4	1,603.07	3/4	1,307.08	3/4	1,012.69	3/4	720.90	3/4	425.05	3/4	129.12	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2010 CL - SW
CALCULATED: 04/08/2010 CL
PRINTED: 04/08/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

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



BARGE "KIRBY 11014B"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

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			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					
1/2			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					
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					
1/2			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					
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					
1/2			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			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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 11014B"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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	1,835.23	0	1,541.76	0	1,248.17	0	954.64	0	667.07	0	373.27	0	79.64	0		0		0	
1/4	1,829.13	1/4	1,535.64	1/4	1,242.05	1/4	948.59	1/4	660.95	1/4	367.15	1/4	73.58	1/4		1/4		1/4	
1/2	1,823.02	1/2	1,529.53	1/2	1,235.94	1/2	942.53	1/2	654.83	1/2	361.03	1/2	67.52	1/2		1/2		1/2	
3/4	1,816.91	3/4	1,523.41	3/4	1,229.82	3/4	936.48	3/4	648.71	3/4	354.91	3/4	61.46	3/4		3/4		3/4	
1	1,810.80	1	1,517.29	1	1,223.70	1	930.49	1	642.59	1	348.79	1	55.45	1		1		1	
1/4	1,804.69	1/4	1,511.18	1/4	1,217.59	1/4	924.50	1/4	636.47	1/4	342.67	1/4	49.45	1/4		1/4		1/4	
1/2	1,798.59	1/2	1,505.06	1/2	1,211.47	1/2	918.51	1/2	630.35	1/2	336.55	1/2	43.44	1/2		1/2		1/2	
3/4	1,792.48	3/4	1,498.94	3/4	1,205.35	3/4	912.51	3/4	624.23	3/4	330.43	3/4	37.44	3/4		3/4		3/4	
2	1,786.36	2	1,492.83	2	1,199.24	2	906.53	2	618.11	2	324.30	2	32.33	2		2		2	
1/4	1,780.25	1/4	1,486.71	1/4	1,193.12	1/4	900.54	1/4	611.99	1/4	318.18	1/4	27.23	1/4		1/4		1/4	
1/2	1,774.13	1/2	1,480.60	1/2	1,187.00	1/2	894.55	1/2	605.87	1/2	312.06	1/2	22.13	1/2		1/2		1/2	
3/4	1,768.01	3/4	1,474.48	3/4	1,180.89	3/4	888.56	3/4	599.74	3/4	305.94	3/4	17.03	3/4		3/4		3/4	
3	1,761.90	3	1,468.36	3	1,174.77	3	882.58	3	593.62	3	299.82	3	13.96	3		3		3	
1/4	1,755.78	1/4	1,462.25	1/4	1,168.65	1/4	876.61	1/4	587.50	1/4	293.70	1/4	10.90	1/4		1/4		1/4	
1/2	1,749.66	1/2	1,456.13	1/2	1,162.54	1/2	870.64	1/2	581.38	1/2	287.58	1/2	7.83	1/2		1/2		1/2	
3/4	1,743.55	3/4	1,450.01	3/4	1,156.42	3/4	864.66	3/4	575.26	3/4	281.46	3/4	4.77	3/4		3/4		3/4	
4	1,737.43	4	1,443.90	4	1,150.30	4	858.71	4	569.14	4	275.34	4	3.74	4		4		4	
1/4	1,731.31	1/4	1,437.78	1/4	1,144.19	1/4	852.75	1/4	563.02	1/4	269.22	1/4	2.72	1/4		1/4		1/4	
1/2	1,725.20	1/2	1,431.66	1/2	1,138.07	1/2	846.79	1/2	556.90	1/2	263.10	1/2	1.70	1/2		1/2		1/2	
3/4	1,719.08	3/4	1,425.55	3/4	1,131.95	3/4	840.83	3/4	550.78	3/4	256.97	3/4	0.68	3/4		3/4		3/4	
5	1,712.97	5	1,419.43	5	1,125.84	5	834.88	5	544.66	5	250.85	5		5		5		5	
1/4	1,706.85	1/4	1,413.31	1/4	1,119.72	1/4	828.92	1/4	538.54	1/4	244.73	1/4		1/4		1/4		1/4	
1/2	1,700.74	1/2	1,407.20	1/2	1,113.61	1/2	822.96	1/2	532.42	1/2	238.61	1/2		1/2		1/2		1/2	
3/4	1,694.62	3/4	1,401.08	3/4	1,107.49	3/4	817.00	3/4	526.29	3/4	232.49	3/4		3/4		3/4		3/4	
6	1,688.51	6	1,394.96	6	1,101.37	6	811.05	6	520.17	6	226.37	6		6		6		6	
1/4	1,682.39	1/4	1,388.85	1/4	1,095.26	1/4	805.09	1/4	514.05	1/4	220.25	1/4		1/4		1/4		1/4	
1/2	1,676.28	1/2	1,382.73	1/2	1,089.14	1/2	799.13	1/2	507.93	1/2	214.13	1/2		1/2		1/2		1/2	
3/4	1,670.17	3/4	1,376.61	3/4	1,083.02	3/4	793.17	3/4	501.81	3/4	208.01	3/4		3/4		3/4		3/4	
7	1,664.05	7	1,370.50	7	1,076.91	7	787.22	7	495.69	7	201.89	7		7		7		7	
1/4	1,657.94	1/4	1,364.38	1/4	1,070.79	1/4	781.26	1/4	489.57	1/4	195.77	1/4		1/4		1/4		1/4	
1/2	1,651.82	1/2	1,358.27	1/2	1,064.67	1/2	775.30	1/2	483.45	1/2	189.64	1/2		1/2		1/2		1/2	
3/4	1,645.71	3/4	1,352.15	3/4	1,058.56	3/4	769.35	3/4	477.33	3/4	183.52	3/4		3/4		3/4		3/4	
8	1,639.60	8	1,346.03	8	1,052.44	8	763.39	8	471.21	8	177.40	8		8		8		8	
1/4	1,633.48	1/4	1,339.92	1/4	1,046.32	1/4	757.43	1/4	465.09	1/4	171.28	1/4		1/4		1/4		1/4	
1/2	1,627.37	1/2	1,333.80	1/2	1,040.21	1/2	751.47	1/2	458.96	1/2	165.16	1/2		1/2		1/2		1/2	
3/4	1,621.25	3/4	1,327.68	3/4	1,034.09	3/4	745.52	3/4	452.84	3/4	159.04	3/4		3/4		3/4		3/4	
9	1,615.14	9	1,321.57	9	1,027.97	9	739.56	9	446.72	9	152.92	9		9		9		9	
1/4	1,609.03	1/4	1,315.45	1/4	1,021.86	1/4	733.60	1/4	440.60	1/4	146.79	1/4		1/4		1/4		1/4	
1/2	1,602.91	1/2	1,309.33	1/2	1,015.74	1/2	727.64	1/2	434.48	1/2	140.66	1/2		1/2		1/2		1/2	
3/4	1,596.80	3/4	1,303.22	3/4	1,009.62	3/4	721.69	3/4	428.36	3/4	134.54	3/4		3/4		3/4		3/4	
10	1,590.68	10	1,297.10	10	1,003.51	10	715.67	10	422.24	10	128.42	10		10		10		10	
1/4	1,584.57	1/4	1,290.98	1/4	997.39	1/4	709.64	1/4	416.12	1/4	122.31	1/4		1/4		1/4		1/4	
1/2	1,578.46	1/2	1,284.87	1/2	991.28	1/2	703.62	1/2	410.00	1/2	116.20	1/2		1/2		1/2		1/2	
3/4	1,572.34	3/4	1,278.75	3/4	985.16	3/4	697.60	3/4	403.88	3/4	110.08	3/4		3/4		3/4		3/4	
11	1,566.23	11	1,272.63	11	979.04	11	691.50	11	397.76	11	103.99	11		11		11		11	
1/4	1,560.11	1/4	1,266.52	1/4	972.93	1/4	685.40	1/4	391.63	1/4	97.89	1/4		1/4		1/4		1/4	
1/2	1,553.99	1/2	1,260.40	1/2	966.81	1/2	679.30	1/2	385.51	1/2	91.80	1/2		1/2		1/2		1/2	
3/4	1,547.88	3/4	1,254.28	3/4	960.69	3/4	673.19	3/4	379.39	3/4	85.71	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2010 CL - SW
CALCULATED: 04/08/2010 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

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