



BARGE "KIRBY 10224"

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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 CENTER	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	00-5/8	- 00-5/8
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(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 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

September 27, 2010

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

<http://www.pmacorp.net>



BARGE "KIRBY 10224"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

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	3,787.07	0	3,550.87	0	3,297.11	0	3,043.34	0	2,781.21	0	2,484.51	0	2,187.15
1/4		1/4		1/4		1/4	3,785.00	1/4	3,545.58	1/4	3,291.82	1/4	3,038.06	1/4	2,775.04	1/4	2,478.31	1/4	2,180.96
1/2		1/2		1/2		1/2	3,782.92	1/2	3,540.29	1/2	3,286.53	1/2	3,032.77	1/2	2,768.86	1/2	2,472.12	1/2	2,174.76
3/4		3/4		3/4		3/4	3,780.85	3/4	3,535.01	3/4	3,281.25	3/4	3,027.48	3/4	2,762.68	3/4	2,465.92	3/4	2,168.57
1		1		1		1	3,776.70	1	3,529.72	1	3,275.96	1	3,022.20	1	2,756.51	1	2,459.73	1	2,162.37
1/4		1/4		1/4		1/4	3,772.56	1/4	3,524.43	1/4	3,270.67	1/4	3,016.91	1/4	2,750.33	1/4	2,453.53	1/4	2,156.18
1/2		1/2		1/2		1/2	3,768.41	1/2	3,519.15	1/2	3,265.39	1/2	3,011.62	1/2	2,744.16	1/2	2,447.34	1/2	2,149.98
3/4		3/4		3/4		3/4	3,764.26	3/4	3,513.86	3/4	3,260.10	3/4	3,006.34	3/4	2,737.98	3/4	2,441.14	3/4	2,143.79
2		2		2		2	3,759.36	2	3,508.57	2	3,254.81	2	3,001.05	2	2,731.80	2	2,434.95	2	2,137.59
1/4		1/4		1/4		1/4	3,754.45	1/4	3,503.29	1/4	3,249.53	1/4	2,995.76	1/4	2,725.63	1/4	2,428.76	1/4	2,131.40
1/2		1/2		1/2		1/2	3,749.54	1/2	3,498.00	1/2	3,244.24	1/2	2,990.48	1/2	2,719.45	1/2	2,422.56	1/2	2,125.21
3/4		3/4		3/4		3/4	3,744.63	3/4	3,492.71	3/4	3,238.95	3/4	2,985.19	3/4	2,713.27	3/4	2,416.37	3/4	2,119.01
3		3		3		3	3,739.46	3	3,487.43	3	3,233.67	3	2,979.90	3	2,707.10	3	2,410.17	3	2,112.82
1/4		1/4		1/4		1/4	3,734.28	1/4	3,482.14	1/4	3,228.38	1/4	2,974.62	1/4	2,700.92	1/4	2,403.98	1/4	2,106.62
1/2		1/2		1/2		1/2	3,729.11	1/2	3,476.85	1/2	3,223.09	1/2	2,969.33	1/2	2,694.75	1/2	2,397.78	1/2	2,100.43
3/4		3/4		3/4		3/4	3,723.93	3/4	3,471.57	3/4	3,217.80	3/4	2,964.04	3/4	2,688.57	3/4	2,391.59	3/4	2,094.23
4		4		4		4	3,718.74	4	3,466.28	4	3,212.52	4	2,958.76	4	2,682.39	4	2,385.39	4	2,088.04
1/4		1/4		1/4		1/4	3,713.54	1/4	3,460.99	1/4	3,207.23	1/4	2,953.47	1/4	2,676.22	1/4	2,379.20	1/4	2,081.84
1/2		1/2		1/2		1/2	3,708.34	1/2	3,455.71	1/2	3,201.94	1/2	2,948.18	1/2	2,670.04	1/2	2,373.00	1/2	2,075.65
3/4		3/4		3/4		3/4	3,703.14	3/4	3,450.42	3/4	3,196.66	3/4	2,942.90	3/4	2,663.86	3/4	2,366.81	3/4	2,069.45
5		5		5		5	3,697.94	5	3,445.13	5	3,191.37	5	2,937.61	5	2,657.69	5	2,360.61	5	2,063.26
1/4		1/4		1/4		1/4	3,692.73	1/4	3,439.85	1/4	3,186.08	1/4	2,932.32	1/4	2,651.51	1/4	2,354.42	1/4	2,057.06
1/2		1/2		1/2		1/2	3,687.53	1/2	3,434.56	1/2	3,180.80	1/2	2,927.04	1/2	2,645.33	1/2	2,348.22	1/2	2,050.87
3/4		3/4		3/4		3/4	3,682.33	3/4	3,429.27	3/4	3,175.51	3/4	2,921.75	3/4	2,639.16	3/4	2,342.03	3/4	2,044.67
6		6		6		6	3,677.13	6	3,423.99	6	3,170.22	6	2,916.46	6	2,632.98	6	2,335.83	6	2,038.48
1/4		1/4		1/4		1/4	3,671.93	1/4	3,418.70	1/4	3,164.94	1/4	2,911.18	1/4	2,626.81	1/4	2,329.64	1/4	2,032.28
1/2		1/2		1/2		1/2	3,666.73	1/2	3,413.41	1/2	3,159.65	1/2	2,905.89	1/2	2,620.63	1/2	2,323.44	1/2	2,026.09
3/4		3/4		3/4		3/4	3,661.54	3/4	3,408.13	3/4	3,154.36	3/4	2,900.60	3/4	2,614.45	3/4	2,317.25	3/4	2,019.89
7		7		7		7	3,656.34	7	3,402.84	7	3,149.08	7	2,895.32	7	2,608.28	7	2,311.05	7	2,013.70
1/4		1/4		1/4		1/4	3,651.14	1/4	3,397.55	1/4	3,143.79	1/4	2,890.03	1/4	2,602.10	1/4	2,304.86	1/4	2,007.50
1/2		1/2		1/2		1/2	3,645.94	1/2	3,392.27	1/2	3,138.50	1/2	2,884.74	1/2	2,595.92	1/2	2,298.66	1/2	2,001.31
3/4		3/4		3/4		3/4	3,640.74	3/4	3,386.98	3/4	3,133.22	3/4	2,879.46	3/4	2,589.75	3/4	2,292.47	3/4	1,995.11
8		8		8		8	3,635.45	8	3,381.69	8	3,127.93	8	2,874.14	8	2,583.57	8	2,286.27	8	1,988.92
1/4		1/4		1/4		1/4	3,630.17	1/4	3,376.41	1/4	3,122.64	1/4	2,868.83	1/4	2,577.40	1/4	2,280.08	1/4	1,982.72
1/2		1/2		1/2		1/2	3,624.88	1/2	3,371.12	1/2	3,117.36	1/2	2,863.52	1/2	2,571.22	1/2	2,273.88	1/2	1,976.53
3/4		3/4		3/4		3/4	3,619.59	3/4	3,365.83	3/4	3,112.07	3/4	2,858.21	3/4	2,565.04	3/4	2,267.69	3/4	1,970.33
9		9		9		9	3,614.31	9	3,360.55	9	3,106.78	9	2,852.90	9	2,558.85	9	2,261.49	9	1,964.14
1/4		1/4		1/4		1/4	3,609.02	1/4	3,355.26	1/4	3,101.50	1/4	2,847.59	1/4	2,552.65	1/4	2,255.30	1/4	1,957.94
1/2		1/2		1/2		1/2	3,603.73	1/2	3,349.97	1/2	3,096.21	1/2	2,842.27	1/2	2,546.46	1/2	2,249.10	1/2	1,951.75
3/4		3/4		3/4		3/4	3,598.45	3/4	3,344.69	3/4	3,090.92	3/4	2,836.96	3/4	2,540.26	3/4	2,242.91	3/4	1,945.55
10		10		10		10	3,593.16	10	3,339.40	10	3,085.64	10	2,830.75	10	2,534.07	10	2,236.71	10	1,939.36
1/4		1/4		1/4		1/4	3,587.87	1/4	3,334.11	1/4	3,080.35	1/4	2,824.53	1/4	2,527.87	1/4	2,230.52	1/4	1,933.16
1/2		1/2		1/2		1/2	3,582.59	1/2	3,328.83	1/2	3,075.06	1/2	2,818.31	1/2	2,521.68	1/2	2,224.32	1/2	1,926.97
3/4		3/4		3/4		3/4	3,577.30	3/4	3,323.54	3/4	3,069.78	3/4	2,812.09	3/4	2,515.48	3/4	2,218.13	3/4	1,920.77
11		11		11		11	3,572.01	11	3,318.25	11	3,064.49	11	2,805.92	11	2,509.29	11	2,211.93	11	1,914.58
1/4		1/4		1/4	3,790.18	1/4	3,566.73	1/4	3,312.97	1/4	3,059.20	1/4	2,799.74	1/4	2,503.09	1/4	2,205.74	1/4	1,908.38
1/2		1/2		1/2	3,789.66	1/2	3,561.44	1/2	3,307.68	1/2	3,053.92	1/2	2,793.57	1/2	2,496.90	1/2	2,199.54	1/2	1,902.19
3/4		3/4		3/4	3,789.15	3/4	3,556.15	3/4	3,302.39	3/4	3,048.63	3/4	2,787.39	3/4	2,490.70	3/4	2,193.35	3/4	1,895.99

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 31'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 10224"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,889.80	0	1,592.20	0	1,294.43	0	996.66	0	704.96	0	407.05	0	109.10	0		0		0	
1/4	1,883.60	1/4	1,586.00	1/4	1,288.23	1/4	990.46	1/4	698.77	1/4	400.84	1/4	102.92	1/4	1/4	1/4		1/4	
1/2	1,877.41	1/2	1,579.80	1/2	1,282.02	1/2	984.25	1/2	692.58	1/2	394.63	1/2	96.74	1/2	1/2	1/2		1/2	
3/4	1,871.21	3/4	1,573.59	3/4	1,275.82	3/4	978.05	3/4	686.39	3/4	388.42	3/4	90.56	3/4	3/4	3/4		3/4	
1	1,865.02	1	1,567.39	1	1,269.62	1	971.91	1	680.18	1	382.21	1	84.42	1	1	1		1	
1/4	1,858.82	1/4	1,561.19	1/4	1,263.41	1/4	965.77	1/4	673.98	1/4	376.01	1/4	78.27	1/4	1/4	1/4		1/4	
1/2	1,852.63	1/2	1,554.98	1/2	1,257.21	1/2	959.63	1/2	667.77	1/2	369.80	1/2	72.12	1/2	1/2	1/2		1/2	
3/4	1,846.43	3/4	1,548.78	3/4	1,251.01	3/4	953.49	3/4	661.56	3/4	363.59	3/4	65.97	3/4	3/4	3/4		3/4	
2	1,840.24	2	1,542.58	2	1,244.80	2	947.41	2	655.36	2	357.38	2	59.88	2	2	2		2	
1/4	1,834.04	1/4	1,536.37	1/4	1,238.60	1/4	941.33	1/4	649.15	1/4	351.17	1/4	53.79	1/4	1/4	1/4		1/4	
1/2	1,827.85	1/2	1,530.17	1/2	1,232.40	1/2	935.25	1/2	642.94	1/2	344.97	1/2	47.70	1/2	1/2	1/2		1/2	
3/4	1,821.65	3/4	1,523.96	3/4	1,226.19	3/4	929.18	3/4	636.74	3/4	338.76	3/4	41.61	3/4	3/4	3/4		3/4	
3	1,815.45	3	1,517.76	3	1,219.99	3	923.10	3	630.53	3	332.55	3	36.43	3	3	3		3	
1/4	1,809.25	1/4	1,511.56	1/4	1,213.78	1/4	917.03	1/4	624.32	1/4	326.34	1/4	31.26	1/4	1/4	1/4		1/4	
1/2	1,803.04	1/2	1,505.35	1/2	1,207.58	1/2	910.95	1/2	618.11	1/2	320.14	1/2	26.09	1/2	1/2	1/2		1/2	
3/4	1,796.84	3/4	1,499.15	3/4	1,201.38	3/4	904.87	3/4	611.91	3/4	313.93	3/4	20.91	3/4	3/4	3/4		3/4	
4	1,790.64	4	1,492.95	4	1,195.17	4	898.81	4	605.70	4	307.72	4	17.80	4	4	4		4	
1/4	1,784.43	1/4	1,486.74	1/4	1,188.97	1/4	892.75	1/4	599.49	1/4	301.51	1/4	14.69	1/4	1/4	1/4		1/4	
1/2	1,778.23	1/2	1,480.54	1/2	1,182.77	1/2	886.69	1/2	593.28	1/2	295.30	1/2	11.58	1/2	1/2	1/2		1/2	
3/4	1,772.03	3/4	1,474.34	3/4	1,176.56	3/4	880.63	3/4	587.07	3/4	289.10	3/4	8.47	3/4	3/4	3/4		3/4	
5	1,765.82	5	1,468.13	5	1,170.36	5	874.59	5	580.87	5	282.89	5	7.44	5	5	5		5	
1/4	1,759.62	1/4	1,461.93	1/4	1,164.16	1/4	868.54	1/4	574.66	1/4	276.68	1/4	6.40	1/4	1/4	1/4		1/4	
1/2	1,753.42	1/2	1,455.73	1/2	1,157.95	1/2	862.50	1/2	568.45	1/2	270.47	1/2	5.37	1/2	1/2	1/2		1/2	
3/4	1,747.21	3/4	1,449.52	3/4	1,151.75	3/4	856.46	3/4	562.24	3/4	264.26	3/4	4.33	3/4	3/4	3/4		3/4	
6	1,741.01	6	1,443.32	6	1,145.55	6	850.41	6	556.04	6	258.06	6		6	6	6		6	
1/4	1,734.81	1/4	1,437.11	1/4	1,139.34	1/4	844.37	1/4	549.83	1/4	251.85	1/4		1/4	1/4	1/4		1/4	
1/2	1,728.61	1/2	1,430.91	1/2	1,133.14	1/2	838.33	1/2	543.62	1/2	245.64	1/2		1/2	1/2	1/2		1/2	
3/4	1,722.41	3/4	1,424.71	3/4	1,126.93	3/4	832.28	3/4	537.41	3/4	239.43	3/4		3/4	3/4	3/4		3/4	
7	1,716.21	7	1,418.50	7	1,120.73	7	826.24	7	531.20	7	233.22	7		7	7	7		7	
1/4	1,710.01	1/4	1,412.30	1/4	1,114.53	1/4	820.19	1/4	525.00	1/4	227.02	1/4		1/4	1/4	1/4		1/4	
1/2	1,703.81	1/2	1,406.10	1/2	1,108.32	1/2	814.15	1/2	518.79	1/2	220.81	1/2		1/2	1/2	1/2		1/2	
3/4	1,697.61	3/4	1,399.89	3/4	1,102.12	3/4	808.11	3/4	512.58	3/4	214.60	3/4		3/4	3/4	3/4		3/4	
8	1,691.41	8	1,393.69	8	1,095.92	8	802.06	8	506.37	8	208.39	8		8	8	8		8	
1/4	1,685.21	1/4	1,387.49	1/4	1,089.71	1/4	796.02	1/4	500.16	1/4	202.19	1/4		1/4	1/4	1/4		1/4	
1/2	1,679.01	1/2	1,381.28	1/2	1,083.51	1/2	789.98	1/2	493.96	1/2	195.98	1/2		1/2	1/2	1/2		1/2	
3/4	1,672.81	3/4	1,375.08	3/4	1,077.31	3/4	783.93	3/4	487.75	3/4	189.77	3/4		3/4	3/4	3/4		3/4	
9	1,666.61	9	1,368.87	9	1,071.10	9	777.89	9	481.54	9	183.56	9		9	9	9		9	
1/4	1,660.41	1/4	1,362.67	1/4	1,064.90	1/4	771.84	1/4	475.33	1/4	177.35	1/4		1/4	1/4	1/4		1/4	
1/2	1,654.21	1/2	1,356.47	1/2	1,058.69	1/2	765.80	1/2	469.12	1/2	171.15	1/2		1/2	1/2	1/2		1/2	
3/4	1,648.01	3/4	1,350.26	3/4	1,052.49	3/4	759.76	3/4	462.92	3/4	164.94	3/4		3/4	3/4	3/4		3/4	
10	1,641.81	10	1,344.06	10	1,046.29	10	753.71	10	456.71	10	158.73	10		10	10	10		10	
1/4	1,635.61	1/4	1,337.86	1/4	1,040.08	1/4	747.67	1/4	450.50	1/4	152.51	1/4		1/4	1/4	1/4		1/4	
1/2	1,629.41	1/2	1,331.65	1/2	1,033.88	1/2	741.62	1/2	444.29	1/2	146.30	1/2		1/2	1/2	1/2		1/2	
3/4	1,623.21	3/4	1,325.45	3/4	1,027.68	3/4	735.58	3/4	438.09	3/4	140.09	3/4		3/4	3/4	3/4		3/4	
11	1,617.01	11	1,319.25	11	1,021.47	11	729.47	11	431.88	11	133.89	11		11	11	11		11	
1/4	1,610.81	1/4	1,313.04	1/4	1,015.27	1/4	723.37	1/4	425.67	1/4	127.69	1/4		1/4	1/4	1/4		1/4	
1/2	1,604.61	1/2	1,306.84	1/2	1,009.07	1/2	717.26	1/2	419.46	1/2	121.49	1/2		1/2	1/2	1/2		1/2	
3/4	1,598.41	3/4	1,300.64	3/4	1,002.86	3/4	711.15	3/4	413.25	3/4	115.28	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/27/2010 CL - SW
CALCULATED: 09/27/2010 CL
PRINTED: 09/27/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2010

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



BARGE "KIRBY 10224"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,661.15	1/4	1,398.01	1/4	1,134.70	1/4	873.43	1/4	614.04	1/4	350.75	1/4	87.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,655.67	1/2	1,392.52	1/2	1,129.22	1/2	868.03	1/2	608.55	1/2	345.27	1/2	82.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,650.18	3/4	1,387.04	3/4	1,123.73	3/4	862.63	3/4	603.07	3/4	339.78	3/4	76.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
1	1,644.70	1	1,381.55	1	1,118.24	1	857.23	1	597.58	1	334.30	1	71.31	1	1	1	1	1	1	1	
1/4	1,639.22	1/4	1,376.07	1/4	1,112.76	1/4	851.83	1/4	592.10	1/4	328.81	1/4	65.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,633.74	1/2	1,370.58	1/2	1,107.27	1/2	846.42	1/2	586.61	1/2	323.33	1/2	60.46	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,628.26	3/4	1,365.10	3/4	1,101.79	3/4	841.02	3/4	581.13	3/4	317.84	3/4	55.04	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
2	1,622.78	2	1,359.61	2	1,096.30	2	835.62	2	575.64	2	312.36	2	49.67	2	2	2	2	2	2	2	
1/4	1,617.29	1/4	1,354.13	1/4	1,090.82	1/4	830.22	1/4	570.16	1/4	306.87	1/4	44.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,611.81	1/2	1,348.64	1/2	1,085.33	1/2	824.82	1/2	564.67	1/2	301.39	1/2	38.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,606.33	3/4	1,343.15	3/4	1,079.85	3/4	819.42	3/4	559.19	3/4	295.90	3/4	33.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
3	1,600.85	3	1,337.67	3	1,074.36	3	814.03	3	553.70	3	290.42	3	28.99	3	3	3	3	3	3	3	
1/4	1,595.37	1/4	1,332.18	1/4	1,068.87	1/4	808.63	1/4	548.22	1/4	284.93	1/4	24.43	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,589.88	1/2	1,326.70	1/2	1,063.39	1/2	803.23	1/2	542.73	1/2	279.45	1/2	19.87	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,584.40	3/4	1,321.21	3/4	1,057.90	3/4	797.84	3/4	537.25	3/4	273.96	3/4	15.30	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
4	1,578.92	4	1,315.73	4	1,052.42	4	792.44	4	531.76	4	268.48	4	12.56	4	4	4	4	4	4	4	
1/4	1,573.44	1/4	1,310.24	1/4	1,046.93	1/4	787.05	1/4	526.28	1/4	262.99	1/4	9.82	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,567.96	1/2	1,304.75	1/2	1,041.45	1/2	781.65	1/2	520.79	1/2	257.51	1/2	7.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,562.47	3/4	1,299.27	3/4	1,035.96	3/4	776.26	3/4	515.31	3/4	252.02	3/4	4.33	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
5	1,556.99	5	1,293.78	5	1,030.47	5	770.86	5	509.82	5	246.54	5	3.42	5	5	5	5	5	5	5	
1/4	1,551.51	1/4	1,288.30	1/4	1,024.99	1/4	765.47	1/4	504.34	1/4	241.05	1/4	2.51	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,546.03	1/2	1,282.81	1/2	1,019.50	1/2	760.07	1/2	498.85	1/2	235.57	1/2	1.59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,540.55	3/4	1,277.33	3/4	1,014.02	3/4	754.68	3/4	493.37	3/4	230.08	3/4	0.68	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
6	1,535.06	6	1,271.84	6	1,008.58	6	749.28	6	487.88	6	224.60	6		6	6	6	6	6	6	6	
1/4	1,529.58	1/4	1,266.36	1/4	1,003.13	1/4	743.89	1/4	482.39	1/4	219.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,524.10	1/2	1,260.87	1/2	997.69	1/2	738.49	1/2	476.91	1/2	213.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,518.62	3/4	1,255.38	3/4	992.25	3/4	733.09	3/4	471.42	3/4	208.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	
7	1,513.14	7	1,249.90	7	986.85	7	727.70	7	465.94	7	202.65	7		7	7	7	7	7	7	7	
1/4	1,507.66	1/4	1,244.41	1/4	981.44	1/4	722.30	1/4	460.45	1/4	197.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,502.17	1/2	1,238.93	1/2	976.04	1/2	716.91	1/2	454.97	1/2	191.68	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,496.69	3/4	1,233.44	3/4	970.64	3/4	711.51	3/4	449.48	3/4	186.20	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	
8	1,491.21	8	1,227.96	8	965.24	8	706.12	8	444.00	8	180.71	8		8	8	8	8	8	8	8	
1/4	1,485.73	1/4	1,222.47	1/4	959.84	1/4	700.72	1/4	438.51	1/4	175.23	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,480.25	1/2	1,216.99	1/2	954.44	1/2	695.33	1/2	433.03	1/2	169.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,474.76	3/4	1,211.50	3/4	949.04	3/4	689.93	3/4	427.54	3/4	164.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	
9	1,469.28	9	1,206.01	9	943.64	9	684.54	9	422.06	9	158.77	9		9	9	9	9	9	9	9	
1/4	1,463.80	1/4	1,200.53	1/4	938.24	1/4	679.14	1/4	416.57	1/4	153.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,458.32	1/2	1,195.04	1/2	932.84	1/2	673.74	1/2	411.09	1/2	147.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,452.84	3/4	1,189.56	3/4	927.44	3/4	668.35	3/4	405.60	3/4	142.32	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	
10	1,447.35	10	1,184.07	10	922.04	10	662.96	10	400.12	10	136.84	10		10	10	10	10	10	10	10	
1/4	1,441.87	1/4	1,178.59	1/4	916.64	1/4	657.56	1/4	394.63	1/4	131.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,436.39	1/2	1,173.10	1/2	911.23	1/2	652.17	1/2	389.15	1/2	125.88	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,430.91	3/4	1,167.61	3/4	905.83	3/4	646.77	3/4	383.66	3/4	120.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	
11	1,425.43	11	1,162.13	11	900.43	11	641.33	11	378.18	11	114.94	11		11	11	11	11	11	11	11	
1/4	1,419.94	1/4	1,156.64	1/4	895.03	1/4	635.89	1/4	372.69	1/4	109.47	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1,414.46	1/2	1,151.16	1/2	889.63	1/2	630.45	1/2	367.21	1/2	104.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	1,408.98	3/4	1,145.67	3/4	884.23	3/4	625.00	3/4	361.72	3/4	98.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 10224"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

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	3,461.93	0	3,215.98	0	2,955.80	0	2,695.63	0	2,434.90	0	2,173.32	0	1,911.74		
1/4		1/4		1/4		1/4	3,460.11	1/4	3,210.56	1/4	2,950.38	1/4	2,690.21	1/4	2,429.45	1/4	2,167.87	1/4	1,906.29		
1/2		1/2		1/2		1/2	3,456.48	1/2	3,205.14	1/2	2,944.96	1/2	2,684.79	1/2	2,424.00	1/2	2,162.42	1/2	1,900.84		
3/4		3/4		3/4		3/4	3,452.84	3/4	3,199.72	3/4	2,939.54	3/4	2,679.37	3/4	2,418.55	3/4	2,156.97	3/4	1,895.39		
1		1		1		1	3,449.21	1	3,194.30	1	2,934.12	1	2,673.95	1	2,413.10	1	2,151.52	1	1,889.94		
1/4		1/4		1/4		1/4	3,445.57	1/4	3,188.88	1/4	2,928.70	1/4	2,668.53	1/4	2,407.65	1/4	2,146.07	1/4	1,884.49		
1/2		1/2		1/2		1/2	3,440.51	1/2	3,183.46	1/2	2,923.28	1/2	2,663.11	1/2	2,402.20	1/2	2,140.62	1/2	1,879.04		
3/4		3/4		3/4		3/4	3,435.44	3/4	3,178.04	3/4	2,917.86	3/4	2,657.69	3/4	2,396.75	3/4	2,135.17	3/4	1,873.59		
2		2		2		2	3,430.37	2	3,172.62	2	2,912.44	2	2,652.27	2	2,391.30	2	2,129.72	2	1,868.14		
1/4		1/4		1/4		1/4	3,425.30	1/4	3,167.19	1/4	2,907.02	1/4	2,646.85	1/4	2,385.85	1/4	2,124.27	1/4	1,862.69		
1/2		1/2		1/2		1/2	3,420.00	1/2	3,161.77	1/2	2,901.60	1/2	2,641.43	1/2	2,380.40	1/2	2,118.82	1/2	1,857.24		
3/4		3/4		3/4		3/4	3,414.70	3/4	3,156.35	3/4	2,896.18	3/4	2,636.01	3/4	2,374.95	3/4	2,113.37	3/4	1,851.79		
3		3		3		3	3,409.40	3	3,150.93	3	2,890.76	3	2,630.59	3	2,369.50	3	2,107.92	3	1,846.34		
1/4		1/4		1/4		1/4	3,404.10	1/4	3,145.51	1/4	2,885.34	1/4	2,625.16	1/4	2,364.05	1/4	2,102.47	1/4	1,840.89		
1/2		1/2		1/2		1/2	3,398.78	1/2	3,140.09	1/2	2,879.92	1/2	2,619.74	1/2	2,358.60	1/2	2,097.02	1/2	1,835.44		
3/4		3/4		3/4		3/4	3,393.47	3/4	3,134.67	3/4	2,874.50	3/4	2,614.32	3/4	2,353.15	3/4	2,091.57	3/4	1,829.99		
4		4		4		4	3,388.15	4	3,129.25	4	2,869.08	4	2,608.90	4	2,347.70	4	2,086.12	4	1,824.54		
1/4		1/4		1/4		1/4	3,382.84	1/4	3,123.83	1/4	2,863.66	1/4	2,603.48	1/4	2,342.25	1/4	2,080.67	1/4	1,819.09		
1/2		1/2		1/2		1/2	3,377.51	1/2	3,118.41	1/2	2,858.24	1/2	2,598.06	1/2	2,336.80	1/2	2,075.22	1/2	1,813.64		
3/4		3/4		3/4		3/4	3,372.19	3/4	3,112.99	3/4	2,852.82	3/4	2,592.64	3/4	2,331.36	3/4	2,069.77	3/4	1,808.19		
5		5		5		5	3,366.86	5	3,107.57	5	2,847.40	5	2,587.22	5	2,325.91	5	2,064.32	5	1,802.74		
1/4		1/4		1/4		1/4	3,361.54	1/4	3,102.15	1/4	2,841.98	1/4	2,581.80	1/4	2,320.46	1/4	2,058.88	1/4	1,797.29		
1/2		1/2		1/2		1/2	3,356.22	1/2	3,096.73	1/2	2,836.56	1/2	2,576.38	1/2	2,315.01	1/2	2,053.43	1/2	1,791.84		
3/4		3/4		3/4		3/4	3,350.89	3/4	3,091.31	3/4	2,831.14	3/4	2,570.96	3/4	2,309.56	3/4	2,047.98	3/4	1,786.40		
6		6		6		6	3,345.57	6	3,085.89	6	2,825.72	6	2,565.54	6	2,304.11	6	2,042.53	6	1,780.95		
1/4		1/4		1/4		1/4	3,340.25	1/4	3,080.47	1/4	2,820.30	1/4	2,560.12	1/4	2,298.66	1/4	2,037.08	1/4	1,775.50		
1/2		1/2		1/2		1/2	3,334.93	1/2	3,075.05	1/2	2,814.88	1/2	2,554.70	1/2	2,293.21	1/2	2,031.63	1/2	1,770.05		
3/4		3/4		3/4		3/4	3,329.61	3/4	3,069.63	3/4	2,809.46	3/4	2,549.28	3/4	2,287.76	3/4	2,026.18	3/4	1,764.60		
7		7		7		7	3,324.29	7	3,064.21	7	2,804.03	7	2,543.86	7	2,282.31	7	2,020.73	7	1,759.15		
1/4		1/4		1/4		1/4	3,318.96	1/4	3,058.79	1/4	2,798.61	1/4	2,538.44	1/4	2,276.86	1/4	2,015.28	1/4	1,753.70		
1/2		1/2		1/2		1/2	3,313.54	1/2	3,053.37	1/2	2,793.19	1/2	2,532.99	1/2	2,271.41	1/2	2,009.83	1/2	1,748.25		
3/4		3/4		3/4		3/4	3,308.12	3/4	3,047.95	3/4	2,787.77	3/4	2,527.54	3/4	2,265.96	3/4	2,004.38	3/4	1,742.80		
8		8		8		8	3,302.70	8	3,042.53	8	2,782.35	8	2,522.09	8	2,260.51	8	1,998.93	8	1,737.35		
1/4		1/4		1/4		1/4	3,297.28	1/4	3,037.11	1/4	2,776.93	1/4	2,516.64	1/4	2,255.06	1/4	1,993.48	1/4	1,731.90		
1/2		1/2		1/2		1/2	3,291.86	1/2	3,031.69	1/2	2,771.51	1/2	2,511.19	1/2	2,249.61	1/2	1,988.03	1/2	1,726.45		
3/4		3/4		3/4		3/4	3,286.44	3/4	3,026.27	3/4	2,766.09	3/4	2,505.74	3/4	2,244.16	3/4	1,982.58	3/4	1,721.00		
9		9		9		9	3,281.02	9	3,020.85	9	2,760.67	9	2,500.29	9	2,238.71	9	1,977.13	9	1,715.55		
1/4		1/4		1/4		1/4	3,275.60	1/4	3,015.43	1/4	2,755.25	1/4	2,494.84	1/4	2,233.26	1/4	1,971.68	1/4	1,710.10		
1/2		1/2		1/2		1/2	3,270.18	1/2	3,010.01	1/2	2,749.83	1/2	2,489.39	1/2	2,227.81	1/2	1,966.23	1/2	1,704.65		
3/4		3/4		3/4		3/4	3,264.76	3/4	3,004.59	3/4	2,744.41	3/4	2,483.94	3/4	2,222.36	3/4	1,960.78	3/4	1,699.20		
10		10		10		10	3,259.34	10	2,999.17	10	2,738.99	10	2,478.49	10	2,216.91	10	1,955.33	10	1,693.75		
1/4		1/4		1/4		1/4	3,253.92	1/4	2,993.75	1/4	2,733.57	1/4	2,473.04	1/4	2,211.46	1/4	1,949.88	1/4	1,688.30		
1/2		1/2		1/2		1/2	3,248.50	1/2	2,988.32	1/2	2,728.15	1/2	2,467.60	1/2	2,206.01	1/2	1,944.43	1/2	1,682.85		
3/4		3/4		3/4	3,468.29	3/4	3,243.08	3/4	2,982.90	3/4	2,722.73	3/4	2,462.15	3/4	2,200.56	3/4	1,938.98	3/4	1,677.40		
11		11		11		11	3,467.84	11	3,237.66	11	2,977.48	11	2,457.70	11	2,195.12	11	1,933.53	11	1,671.95		
1/4		1/4		1/4		1/4	3,467.39	1/4	3,232.24	1/4	2,972.06	1/4	2,451.25	1/4	2,189.67	1/4	1,928.08	1/4	1,666.50		
1/2		1/2		1/2		1/2	3,465.57	1/2	3,226.82	1/2	2,966.64	1/2	2,706.47	1/2	2,445.80	1/2	2,184.22	1/2	1,922.64	1/2	1,661.05
3/4		3/4		3/4		3/4	3,463.75	3/4	3,221.40	3/4	2,961.22	3/4	2,701.05	3/4	2,440.35	3/4	2,178.77	3/4	1,917.19	3/4	1,655.60

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 27'-09" 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 "KIRBY 10224"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,650.16	0	1,388.56	0	1,126.82	0	866.05	0	604.96	0	343.23	0	81.70	0		0		0	
1/4	1,644.71	1/4	1,383.11	1/4	1,121.36	1/4	860.64	1/4	599.51	1/4	337.78	1/4	76.28	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,639.26	1/2	1,377.66	1/2	1,115.91	1/2	855.22	1/2	594.06	1/2	332.33	1/2	70.89	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,633.81	3/4	1,372.20	3/4	1,110.46	3/4	849.80	3/4	588.60	3/4	326.87	3/4	65.50	3/4	3/4	3/4	3/4	3/4	3/4
1	1,628.36	1	1,366.75	1	1,105.00	1	844.39	1	583.15	1	321.42	1	60.11	1	1	1	1	1	1
1/4	1,622.91	1/4	1,361.30	1/4	1,099.55	1/4	838.97	1/4	577.70	1/4	315.97	1/4	54.72	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,617.46	1/2	1,355.85	1/2	1,094.10	1/2	833.55	1/2	572.25	1/2	310.52	1/2	49.38	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,612.01	3/4	1,350.39	3/4	1,088.64	3/4	828.14	3/4	566.79	3/4	305.06	3/4	44.04	3/4	3/4	3/4	3/4	3/4	3/4
2	1,606.56	2	1,344.94	2	1,083.19	2	822.72	2	561.34	2	299.61	2	38.70	2	2	2	2	2	2
1/4	1,601.11	1/4	1,339.49	1/4	1,077.74	1/4	817.30	1/4	555.89	1/4	294.16	1/4	33.36	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,595.66	1/2	1,334.03	1/2	1,072.28	1/2	811.89	1/2	550.43	1/2	288.71	1/2	28.83	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,590.21	3/4	1,328.58	3/4	1,066.83	3/4	806.48	3/4	544.98	3/4	283.25	3/4	24.29	3/4	3/4	3/4	3/4	3/4	3/4
3	1,584.76	3	1,323.13	3	1,061.38	3	801.07	3	539.53	3	277.80	3	19.75	3	3	3	3	3	3
1/4	1,579.31	1/4	1,317.67	1/4	1,055.92	1/4	795.66	1/4	534.08	1/4	272.35	1/4	15.22	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,573.86	1/2	1,312.22	1/2	1,050.47	1/2	790.21	1/2	528.62	1/2	266.89	1/2	12.49	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,568.41	3/4	1,306.77	3/4	1,045.02	3/4	784.76	3/4	523.17	3/4	261.44	3/4	9.77	3/4	3/4	3/4	3/4	3/4	3/4
4	1,562.96	4	1,301.31	4	1,039.57	4	779.32	4	517.72	4	255.99	4	7.04	4	4	4	4	4	4
1/4	1,557.51	1/4	1,295.86	1/4	1,034.11	1/4	773.87	1/4	512.27	1/4	250.54	1/4	4.31	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,552.06	1/2	1,290.41	1/2	1,028.66	1/2	768.42	1/2	506.81	1/2	245.08	1/2	3.41	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,546.61	3/4	1,284.96	3/4	1,023.21	3/4	762.97	3/4	501.36	3/4	239.63	3/4	2.50	3/4	3/4	3/4	3/4	3/4	3/4
5	1,541.16	5	1,279.50	5	1,017.75	5	757.52	5	495.91	5	234.18	5	1.59	5	5	5	5	5	5
1/4	1,535.71	1/4	1,274.05	1/4	1,012.30	1/4	752.08	1/4	490.46	1/4	228.73	1/4	0.68	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,530.26	1/2	1,268.60	1/2	1,006.88	1/2	746.63	1/2	485.00	1/2	223.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,524.81	3/4	1,263.14	3/4	1,001.47	3/4	741.18	3/4	479.55	3/4	217.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,519.36	6	1,257.69	6	996.05	6	735.73	6	474.10	6	212.37	6		6	6	6	6	6	6
1/4	1,513.92	1/4	1,252.24	1/4	990.63	1/4	730.29	1/4	468.64	1/4	206.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,508.47	1/2	1,246.78	1/2	985.22	1/2	724.84	1/2	463.19	1/2	201.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,503.02	3/4	1,241.33	3/4	979.80	3/4	719.39	3/4	457.74	3/4	196.01	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,497.57	7	1,235.88	7	974.38	7	713.94	7	452.29	7	190.56	7		7	7	7	7	7	7
1/4	1,492.12	1/4	1,230.42	1/4	968.97	1/4	708.49	1/4	446.83	1/4	185.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,486.67	1/2	1,224.97	1/2	963.55	1/2	703.05	1/2	441.38	1/2	179.65	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,481.22	3/4	1,219.52	3/4	958.13	3/4	697.60	3/4	435.93	3/4	174.20	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,475.77	8	1,214.06	8	952.72	8	692.15	8	430.48	8	168.75	8		8	8	8	8	8	8
1/4	1,470.32	1/4	1,208.61	1/4	947.30	1/4	686.70	1/4	425.02	1/4	163.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,464.87	1/2	1,203.16	1/2	941.88	1/2	681.26	1/2	419.57	1/2	157.84	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,459.42	3/4	1,197.71	3/4	936.47	3/4	675.81	3/4	414.12	3/4	152.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,453.97	9	1,192.25	9	931.05	9	670.36	9	408.66	9	146.94	9		9	9	9	9	9	9
1/4	1,448.52	1/4	1,186.80	1/4	925.63	1/4	664.91	1/4	403.21	1/4	141.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,443.07	1/2	1,181.35	1/2	920.22	1/2	659.46	1/2	397.76	1/2	136.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,437.62	3/4	1,175.89	3/4	914.80	3/4	654.02	3/4	392.31	3/4	130.59	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,432.17	10	1,170.44	10	909.38	10	648.57	10	386.85	10	125.14	10		10	10	10	10	10	10
1/4	1,426.72	1/4	1,164.99	1/4	903.97	1/4	643.12	1/4	381.40	1/4	119.70	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,421.27	1/2	1,159.53	1/2	898.55	1/2	637.67	1/2	375.95	1/2	114.26	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,415.82	3/4	1,154.08	3/4	893.13	3/4	632.22	3/4	370.50	3/4	108.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,410.37	11	1,148.63	11	887.72	11	626.77	11	365.04	11	103.39	11		11	11	11	11	11	11
1/4	1,404.92	1/4	1,143.17	1/4	882.30	1/4	621.32	1/4	359.59	1/4	97.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,399.47	1/2	1,137.72	1/2	876.89	1/2	615.86	1/2	354.14	1/2	92.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,394.02	3/4	1,132.27	3/4	871.47	3/4	610.41	3/4	348.69	3/4	87.12	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 09/27/2010 CL
PRINTED: 09/27/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2010

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