

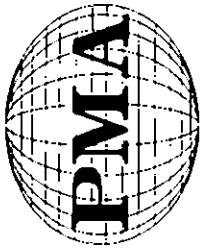


KIRBY 10559



Barge Strapping Tables





BARGE "KIRBY 10559"

ULLAGE TRIM TABLE

FORMERLY "S/R 111"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
2 CENTER	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-3/4	- 01-3/4
3 CENTER	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 156'-00"

September 13, 2004

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

<http://www.pmacorp.net>



BARGE "KIRBY 10559"

1 CENTER ULLAGE TABLE

FORMERLY "SR 111"

GAUGE HEIGHT 17'-04 1/4"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	
0	0	3,469.91	0	3,243.80	0	3,013.38	0	2,782.97	0	2,550.07	0	2,317.17	0	2,083.78	0	1,850.39	0	1,616.99	0	1,383.60
14	14	3,466.43	14	3,239.00	14	3,008.58	14	2,778.17	14	2,544.89	14	2,311.49	14	2,078.10	14	1,844.71	14	1,611.32	14	1,378.14
28	28	3,462.29	28	3,234.20	28	3,003.78	28	2,773.37	28	2,539.71	28	2,306.81	28	2,073.42	28	1,840.03	28	1,606.64	28	1,373.96
42	42	3,458.16	42	3,229.40	42	2,998.88	42	2,768.57	42	2,534.52	42	2,301.91	42	2,068.52	42	1,835.13	42	1,601.74	42	1,370.00
56	56	3,454.02	56	3,224.59	56	2,994.16	56	2,763.77	56	2,529.34	56	2,300.00	56	2,066.68	56	1,831.25	56	1,600.85	56	1,366.14
70	70	3,449.88	70	3,219.79	70	2,989.38	70	2,758.97	70	2,524.16	70	2,298.81	70	2,062.83	70	1,827.36	70	1,596.96	70	1,362.28
84	84	3,445.16	84	3,214.99	84	2,984.58	84	2,754.17	84	2,518.98	84	2,294.04	84	2,059.00	84	1,822.47	84	1,593.07	84	1,358.42
98	98	3,440.45	98	3,210.19	98	2,979.78	98	2,749.37	98	2,513.79	98	2,288.87	98	2,055.03	98	1,818.58	98	1,589.18	98	1,354.58
112	112	3,435.73	112	3,205.39	112	2,974.98	112	2,744.57	112	2,508.61	112	2,278.00	112	2,051.04	112	1,814.69	112	1,585.29	112	1,350.74
126	126	3,431.01	126	3,200.59	126	2,970.18	126	2,739.77	126	2,503.43	126	2,272.83	126	2,047.11	126	1,810.80	126	1,581.40	126	1,346.90
140	140	3,426.21	140	3,195.79	140	2,965.38	140	2,734.97	140	2,498.25	140	2,267.17	140	2,043.18	140	1,806.91	140	1,577.51	140	1,343.06
154	154	3,421.41	154	3,190.99	154	2,960.58	154	2,730.17	154	2,493.06	154	2,262.47	154	2,039.25	154	1,803.02	154	1,573.62	154	1,339.22
168	168	3,416.61	168	3,186.19	168	2,955.78	168	2,725.37	168	2,487.88	168	2,257.77	168	2,035.32	168	1,799.13	168	1,569.73	168	1,335.38
182	182	3,411.81	182	3,181.39	182	2,950.98	182	2,720.57	182	2,483.08	182	2,253.07	182	2,031.38	182	1,795.24	182	1,565.84	182	1,331.54
196	196	3,407.01	196	3,176.59	196	2,946.18	196	2,715.77	196	2,478.28	196	2,248.37	196	2,027.43	196	1,791.35	196	1,561.95	196	1,327.70
210	210	3,402.21	210	3,171.79	210	2,941.37	210	2,710.97	210	2,473.48	210	2,243.67	210	2,023.48	210	1,787.46	210	1,558.06	210	1,323.86
224	224	3,397.41	224	3,166.99	224	2,936.57	224	2,706.17	224	2,468.68	224	2,238.97	224	2,019.53	224	1,783.57	224	1,554.17	224	1,320.02
238	238	3,392.61	238	3,162.19	238	2,931.77	238	2,701.37	238	2,463.88	238	2,234.27	238	2,015.58	238	1,779.68	238	1,550.28	238	1,316.18
252	252	3,387.81	252	3,157.39	252	2,926.97	252	2,696.57	252	2,459.08	252	2,229.57	252	2,011.63	252	1,775.79	252	1,546.39	252	1,312.34
266	266	3,383.01	266	3,152.59	266	2,922.17	266	2,691.77	266	2,454.28	266	2,224.87	266	2,007.68	266	1,771.90	266	1,542.50	266	1,308.50
280	280	3,378.21	280	3,147.79	280	2,917.37	280	2,686.97	280	2,449.48	280	2,220.17	280	2,003.73	280	1,768.01	280	1,538.61	280	1,304.66
294	294	3,373.41	294	3,142.99	294	2,912.57	294	2,682.17	294	2,444.68	294	2,215.47	294	2,000.78	294	1,764.12	294	1,534.72	294	1,300.82
308	308	3,368.61	308	3,138.19	308	2,907.77	308	2,677.37	308	2,439.88	308	2,210.77	308	1,996.83	308	1,760.23	308	1,530.83	308	1,297.00
322	322	3,363.81	322	3,133.39	322	2,902.97	322	2,672.57	322	2,435.08	322	2,206.07	322	1,992.88	322	1,756.34	322	1,526.94	322	1,293.16
336	336	3,359.00	336	3,128.59	336	2,898.17	336	2,667.77	336	2,430.28	336	2,201.37	336	1,988.93	336	1,752.45	336	1,523.05	336	1,289.32
350	350	3,354.20	350	3,123.79	350	2,893.37	350	2,662.97	350	2,425.48	350	2,196.67	350	1,985.04	350	1,748.56	350	1,519.16	350	1,285.48
364	364	3,349.40	364	3,118.99	364	2,888.57	364	2,658.17	364	2,420.68	364	2,191.87	364	1,981.15	364	1,744.67	364	1,515.27	364	1,281.64
378	378	3,344.60	378	3,114.19	378	2,883.77	378	2,653.37	378	2,415.88	378	2,187.07	378	1,977.24	378	1,740.78	378	1,511.38	378	1,277.80
392	392	3,339.80	392	3,109.39	392	2,878.97	392	2,648.57	392	2,411.08	392	2,182.27	392	1,973.35	392	1,736.89	392	1,507.49	392	1,273.96
406	406	3,335.00	406	3,104.59	406	2,874.17	406	2,643.77	406	2,406.28	406	2,177.47	406	1,969.46	406	1,733.00	406	1,503.60	406	1,270.12
420	420	3,330.20	420	3,099.79	420	2,869.37	420	2,638.97	420	2,401.48	420	2,172.67	420	1,965.57	420	1,729.11	420	1,500.71	420	1,266.28
434	434	3,325.40	434	3,094.99	434	2,864.57	434	2,634.17	434	2,396.68	434	2,167.87	434	1,961.68	434	1,725.22	434	1,496.82	434	1,262.44
448	448	3,320.60	448	3,090.19	448	2,859.77	448	2,629.37	448	2,391.88	448	2,163.07	448	1,957.79	448	1,721.33	448	1,492.93	448	1,258.60
462	462	3,315.80	462	3,085.39	462	2,854.97	462	2,624.57	462	2,387.08	462	2,158.27	462	1,953.90	462	1,717.44	462	1,489.04	462	1,254.76
476	476	3,311.00	476	3,080.59	476	2,850.17	476	2,619.77	476	2,382.28	476	2,153.47	476	1,950.01	476	1,713.55	476	1,485.15	476	1,250.92
490	490	3,306.20	490	3,075.79	490	2,845.37	490	2,614.96	490	2,377.48	490	2,148.67	490	1,946.12	490	1,709.66	490	1,481.26	490	1,247.08
504	504	3,301.40	504	3,070.99	504	2,840.57	504	2,610.16	504	2,372.68	504	2,143.87	504	1,942.23	504	1,705.77	504	1,477.37	504	1,243.24
518	518	3,296.60	518	3,066.19	518	2,835.77	518	2,605.36	518	2,367.88	518	2,139.07	518	1,938.34	518	1,701.88	518	1,473.48	518	1,239.40
532	532	3,291.80	532	3,061.39	532	2,830.97	532	2,600.56	532	2,363.08	532	2,134.27	532	1,934.45	532	1,697.99	532	1,469.59	532	1,235.56
546	546	3,287.00	546	3,056.59	546	2,826.17	546	2,595.76	546	2,358.28	546	2,129.47	546	1,930.56	546	1,694.10	546	1,465.70	546	1,231.72
560	560	3,282.20	560	3,051.79	560	2,821.37	560	2,590.96	560	2,353.48	560	2,124.67	560	1,926.65	560	1,690.21	560	1,461.81	560	1,227.88
574	574	3,277.40	574	3,046.99	574	2,816.57	574	2,586.16	574	2,348.68	574	2,119.87	574	1,922.76	574	1,686.32	574	1,457.92	574	1,224.04
588	588	3,272.60	588	3,042.19	588	2,811.77	588	2,581.36	588	2,343.88	588	2,115.07	588	1,918.85	588	1,682.43	588	1,454.03	588	1,220.20
602	602	3,267.80	602	3,037.39	602	2,806.97	602	2,576.56	602	2,339.08	602	2,110.27	602	1,914.94	602	1,678.54	602	1,450.14	602	1,216.36
616	616	3,263.00	616	3,032.59	616	2,802.17	616	2,571.75	616	2,334.28	616	2,105.47	616	1,911.05	616	1,674.65	616	1,446.25	616	1,212.52
630	630	3,258.20	630	3,027.79	630	2,797.37	630	2,566.94	630	2,329.48	630	2,100.67	630	1,907.16	630	1,670.76	630	1,442.36	630	1,208.68
644	644	3,253.40	644	3,022.99	644	2,792.57	644	2,562.14	644	2,324.68	644	2,095.87	644	1,903.25	644	1,666.87	644	1,438.47	644	1,204.84
658	658	3,248.60	658	3,018.19	658	2,787.77	658	2,557.34	658	2,319.88	658	2,091.07	658	1,899.36	658	1,662.98	658	1,434.58	658	1,201.00

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.
 P.O. Box 2062
 Pearland, Texas 77589
 http://www.pmacorp.net

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

SHEET NO 1 OF 6



BARGE "KIRBY 10559"

1 CENTER ULLAGE TABLE

FORMERLY "SR 111"

CAPACITIES GIVEN IN WOOD-BARRRELS OF 42 U.S. GALLONS		GAUGE HEIGHT 17'-04 1/4"															
H	10 FT.	11 FT.	12 FT.	M	13 FT.	M	14 FT.	K	15 FT.	H	16 FT.	K	17 FT.	H	18 FT.	N	19 FT.
0	1,803.68	0	1,554.87	0	1,057.27	0	808.47	0	560.07	0	311.32	0	62.65	0		0	
1/4	1,798.50	1/4	1,549.69	1/4	1,300.89	1/4	803.28	1/4	554.90	1/4	306.14	1/4	57.47	1/4		1/4	
1/2	1,793.31	1/2	1,544.51	1/2	1,295.71	1/2	798.10	1/2	549.72	1/2	300.96	1/2	52.29	1/2		1/2	
3/4	1,788.13	3/4	1,539.32	3/4	1,290.53	3/4	792.92	3/4	544.54	3/4	295.78	3/4	47.11	3/4		3/4	
1	1,782.94	1	1,534.14	1	1,285.34	1	787.73	1	539.36	1	290.59	1	41.92	1		1	
1 1/4	1,777.76	1 1/4	1,528.96	1 1/4	1,280.16	1 1/4	782.55	1 1/4	534.18	1 1/4	285.41	1 1/4	36.74	1 1/4		1 1/4	
1 1/2	1,772.58	1 1/2	1,523.77	1 1/2	1,274.98	1 1/2	777.37	1 1/2	529.00	1 1/2	280.23	1 1/2	32.08	1 1/2		1 1/2	
1 3/4	1,767.39	1 3/4	1,518.59	1 3/4	1,269.79	1 3/4	772.19	1 3/4	523.82	1 3/4	275.05	1 3/4	27.83	1 3/4		1 3/4	
2	1,762.21	2	1,513.40	2	1,264.61	2	767.00	2	518.64	2	269.86	2	22.77	2		2	
2 1/4	1,757.03	2 1/4	1,508.22	2 1/4	1,259.42	2 1/4	761.82	2 1/4	513.46	2 1/4	264.68	2 1/4	18.11	2 1/4		2 1/4	
2 1/2	1,751.85	2 1/2	1,503.04	2 1/2	1,254.24	2 1/2	756.64	2 1/2	508.28	2 1/2	259.50	2 1/2	15.09	2 1/2		2 1/2	
2 3/4	1,746.66	2 3/4	1,497.85	2 3/4	1,249.06	2 3/4	751.47	2 3/4	503.10	2 3/4	254.31	2 3/4	12.07	2 3/4		2 3/4	
3	1,741.48	3	1,492.67	3	1,243.87	3	746.29	3	497.91	3	249.13	3	9.04	3		3	
3 1/4	1,736.30	3 1/4	1,487.49	3 1/4	1,238.69	3 1/4	741.11	3 1/4	492.73	3 1/4	243.94	3 1/4	6.02	3 1/4		3 1/4	
3 1/2	1,731.11	3 1/2	1,482.31	3 1/2	1,233.51	3 1/2	735.94	3 1/2	487.55	3 1/2	238.76	3 1/2	4.73	3 1/2		3 1/2	
3 3/4	1,725.93	3 3/4	1,477.13	3 3/4	1,228.33	3 3/4	730.77	3 3/4	482.37	3 3/4	233.58	3 3/4	3.43	3 3/4		3 3/4	
4	1,720.74	4	1,471.94	4	1,223.14	4	725.59	4	477.18	4	228.39	4	2.14	4		4	
4 1/4	1,715.56	4 1/4	1,466.76	4 1/4	1,217.96	4 1/4	720.42	4 1/4	472.00	4 1/4	223.21	4 1/4	0.84	4 1/4		4 1/4	
4 1/2	1,710.38	4 1/2	1,461.58	4 1/2	1,212.78	4 1/2	715.25	4 1/2	466.82	4 1/2	218.03	4 1/2		4 1/2		4 1/2	
4 3/4	1,705.19	4 3/4	1,456.39	4 3/4	1,207.59	4 3/4	710.08	4 3/4	461.64	4 3/4	212.85	4 3/4		4 3/4		4 3/4	
5	1,700.01	5	1,451.21	5	1,202.41	5	704.90	5	456.45	5	207.66	5		5		5	
5 1/4	1,694.83	5 1/4	1,446.02	5 1/4	1,197.22	5 1/4	699.73	5 1/4	451.27	5 1/4	202.48	5 1/4		5 1/4		5 1/4	
5 1/2	1,689.64	5 1/2	1,440.84	5 1/2	1,192.04	5 1/2	694.56	5 1/2	446.09	5 1/2	197.30	5 1/2		5 1/2		5 1/2	
5 3/4	1,684.46	5 3/4	1,435.66	5 3/4	1,186.86	5 3/4	689.39	5 3/4	440.91	5 3/4	192.12	5 3/4		5 3/4		5 3/4	
6	1,679.27	6	1,430.47	6	1,181.67	6	684.21	6	435.72	6	186.93	6		6		6	
6 1/4	1,674.09	6 1/4	1,425.29	6 1/4	1,176.49	6 1/4	679.04	6 1/4	430.54	6 1/4	181.75	6 1/4		6 1/4		6 1/4	
6 1/2	1,668.91	6 1/2	1,420.11	6 1/2	1,171.31	6 1/2	673.87	6 1/2	425.36	6 1/2	176.57	6 1/2		6 1/2		6 1/2	
6 3/4	1,663.72	6 3/4	1,414.93	6 3/4	1,166.12	6 3/4	668.70	6 3/4	420.17	6 3/4	171.39	6 3/4		6 3/4		6 3/4	
7	1,658.54	7	1,409.74	7	1,160.94	7	663.52	7	414.99	7	166.21	7		7		7	
7 1/4	1,653.36	7 1/4	1,404.56	7 1/4	1,155.75	7 1/4	658.35	7 1/4	409.80	7 1/4	161.03	7 1/4		7 1/4		7 1/4	
7 1/2	1,648.17	7 1/2	1,399.38	7 1/2	1,150.57	7 1/2	653.18	7 1/2	404.62	7 1/2	155.86	7 1/2		7 1/2		7 1/2	
7 3/4	1,642.99	7 3/4	1,394.19	7 3/4	1,145.39	7 3/4	648.01	7 3/4	399.44	7 3/4	150.68	7 3/4		7 3/4		7 3/4	
8	1,637.80	8	1,389.01	8	1,140.20	8	642.83	8	394.25	8	145.51	8		8		8	
8 1/4	1,632.62	8 1/4	1,383.82	8 1/4	1,135.02	8 1/4	637.66	8 1/4	389.07	8 1/4	140.33	8 1/4		8 1/4		8 1/4	
8 1/2	1,627.44	8 1/2	1,378.64	8 1/2	1,129.84	8 1/2	632.49	8 1/2	383.89	8 1/2	135.15	8 1/2		8 1/2		8 1/2	
8 3/4	1,622.25	8 3/4	1,373.46	8 3/4	1,124.66	8 3/4	627.32	8 3/4	378.71	8 3/4	129.98	8 3/4		8 3/4		8 3/4	
9	1,617.07	9	1,368.27	9	1,119.47	9	622.14	9	373.52	9	124.80	9		9		9	
9 1/4	1,611.89	9 1/4	1,363.09	9 1/4	1,114.29	9 1/4	616.97	9 1/4	368.34	9 1/4	119.62	9 1/4		9 1/4		9 1/4	
9 1/2	1,606.71	9 1/2	1,357.91	9 1/2	1,109.11	9 1/2	611.80	9 1/2	363.16	9 1/2	114.44	9 1/2		9 1/2		9 1/2	
9 3/4	1,601.52	9 3/4	1,352.73	9 3/4	1,103.92	9 3/4	606.63	9 3/4	357.98	9 3/4	109.27	9 3/4		9 3/4		9 3/4	
10	1,596.34	10	1,347.54	10	1,098.74	10	601.45	10	352.79	10	104.09	10		10		10	
10 1/4	1,591.16	10 1/4	1,342.36	10 1/4	1,093.55	10 1/4	596.28	10 1/4	347.61	10 1/4	98.91	10 1/4		10 1/4		10 1/4	
10 1/2	1,585.97	10 1/2	1,337.18	10 1/2	1,088.37	10 1/2	591.11	10 1/2	342.43	10 1/2	93.73	10 1/2		10 1/2		10 1/2	
10 3/4	1,580.79	10 3/4	1,331.99	10 3/4	1,083.19	10 3/4	585.94	10 3/4	337.24	10 3/4	88.56	10 3/4		10 3/4		10 3/4	
11	1,575.60	11	1,326.81	11	1,078.00	11	580.76	11	332.06	11	83.38	11		11		11	
11 1/4	1,570.42	11 1/4	1,321.62	11 1/4	1,072.82	11 1/4	575.59	11 1/4	326.87	11 1/4	78.20	11 1/4		11 1/4		11 1/4	
11 1/2	1,565.24	11 1/2	1,316.44	11 1/2	1,067.64	11 1/2	570.42	11 1/2	321.69	11 1/2	73.02	11 1/2		11 1/2		11 1/2	
11 3/4	1,560.05	11 3/4	1,311.26	11 3/4	1,062.46	11 3/4	565.25	11 3/4	316.51	11 3/4	67.84	11 3/4		11 3/4		11 3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 07/15/1999 ITS
DECK MEASUREMENTS: 08/13/2004 SW
REPRINTED: 09/17/2004 SW
CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2004

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77589
http://www.pmacorp.net



BARGE "KIRBY 10559"

2 CENTER ULLAGE TABLE

FORMERLY "SR 111"

GAUGE HEIGHT 17'-04 1/8"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
H	N	H	N	H	N	H	N	H	N	H	N	H	N	H	N	H	N	H	N
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API 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 OBSERVED WITH "MMC" CLOSED GAUGING DEVICE.
 GAUGE POINT (MMC) LOCATED ON CENTERLINE AND 30" OFF FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P. O. Box 2092
 Pearland, Texas 77588
 http://www.pma3corp.net



BARGE "KIRBY 10559"

2 CENTER ULLAGE TABLE

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

FORMERLY "SR 111"

GAUGE HEIGHT 17'-04 1/8"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	1,802.42	0	1,304.44	0	806.47	0	557.89	0	308.98	0
1/4	1,797.23	1/4	1,299.25	1/4	801.28	1/4	552.71	1/4	303.77	1/4
1/2	1,792.05	1/2	1,294.07	1/2	796.10	1/2	547.53	1/2	298.59	1/2
3/4	1,786.86	3/4	1,288.88	3/4	790.91	3/4	542.35	3/4	293.40	3/4
1	1,781.67	1	1,283.69	1	785.72	1	537.17	1	288.21	1
1 1/4	1,776.48	1 1/4	1,278.50	1 1/4	780.53	1 1/4	531.99	1 1/4	283.03	1 1/4
1 1/2	1,771.30	1 1/2	1,273.32	1 1/2	775.35	1 1/2	526.80	1 1/2	277.84	1 1/2
1 3/4	1,766.11	1 3/4	1,268.13	1 3/4	770.16	1 3/4	521.62	1 3/4	272.66	1 3/4
2	1,760.92	2	1,262.94	2	764.97	2	516.43	2	267.47	2
2 1/4	1,755.73	2 1/4	1,257.75	2 1/4	759.79	2 1/4	511.24	2 1/4	262.28	2 1/4
2 1/2	1,750.55	2 1/2	1,252.57	2 1/2	754.61	2 1/2	506.06	2 1/2	257.10	2 1/2
2 3/4	1,745.36	2 3/4	1,247.38	2 3/4	749.42	2 3/4	500.87	2 3/4	251.91	2 3/4
3	1,740.17	3	1,242.19	3	744.24	3	495.68	3	246.72	3
3 1/4	1,734.98	3 1/4	1,237.01	3 1/4	739.07	3 1/4	490.50	3 1/4	241.53	3 1/4
3 1/2	1,729.80	3 1/2	1,231.82	3 1/2	733.89	3 1/2	485.31	3 1/2	236.35	3 1/2
3 3/4	1,724.61	3 3/4	1,226.64	3 3/4	728.72	3 3/4	480.13	3 3/4	231.16	3 3/4
4	1,719.42	4	1,221.45	4	723.54	4	474.94	4	225.97	4
4 1/4	1,714.23	4 1/4	1,216.26	4 1/4	718.36	4 1/4	469.75	4 1/4	220.78	4 1/4
4 1/2	1,709.05	4 1/2	1,211.08	4 1/2	713.19	4 1/2	464.57	4 1/2	215.60	4 1/2
4 3/4	1,703.86	4 3/4	1,205.89	4 3/4	708.01	4 3/4	459.38	4 3/4	210.41	4 3/4
5	1,698.67	5	1,200.70	5	702.83	5	454.19	5	205.22	5
5 1/4	1,693.48	5 1/4	1,195.51	5 1/4	697.66	5 1/4	449.01	5 1/4	200.03	5 1/4
5 1/2	1,688.30	5 1/2	1,190.33	5 1/2	692.48	5 1/2	443.82	5 1/2	194.85	5 1/2
5 3/4	1,683.11	5 3/4	1,185.14	5 3/4	687.31	5 3/4	438.64	5 3/4	189.66	5 3/4
6	1,677.92	6	1,179.95	6	682.13	6	433.45	6	184.47	6
6 1/4	1,672.73	6 1/4	1,174.76	6 1/4	676.95	6 1/4	428.26	6 1/4	179.29	6 1/4
6 1/2	1,667.55	6 1/2	1,169.58	6 1/2	671.78	6 1/2	423.08	6 1/2	174.11	6 1/2
6 3/4	1,662.36	6 3/4	1,164.39	6 3/4	666.60	6 3/4	417.89	6 3/4	168.92	6 3/4
7	1,657.17	7	1,159.20	7	661.42	7	412.70	7	163.74	7
7 1/4	1,651.98	7 1/4	1,154.01	7 1/4	656.25	7 1/4	407.51	7 1/4	158.56	7 1/4
7 1/2	1,646.80	7 1/2	1,148.83	7 1/2	651.07	7 1/2	402.33	7 1/2	153.38	7 1/2
7 3/4	1,641.61	7 3/4	1,143.64	7 3/4	645.90	7 3/4	397.14	7 3/4	148.20	7 3/4
8	1,636.42	8	1,138.45	8	640.72	8	391.95	8	143.02	8
8 1/4	1,631.23	8 1/4	1,133.26	8 1/4	635.54	8 1/4	386.76	8 1/4	137.84	8 1/4
8 1/2	1,626.05	8 1/2	1,128.08	8 1/2	630.37	8 1/2	381.58	8 1/2	132.66	8 1/2
8 3/4	1,620.86	8 3/4	1,122.89	8 3/4	625.19	8 3/4	376.39	8 3/4	127.48	8 3/4
9	1,615.67	9	1,117.70	9	620.01	9	371.20	9	122.30	9
9 1/4	1,610.48	9 1/4	1,112.51	9 1/4	614.83	9 1/4	366.02	9 1/4	117.12	9 1/4
9 1/2	1,605.30	9 1/2	1,107.33	9 1/2	609.66	9 1/2	360.83	9 1/2	111.94	9 1/2
9 3/4	1,600.11	9 3/4	1,102.14	9 3/4	604.48	9 3/4	355.65	9 3/4	106.75	9 3/4
10	1,594.92	10	1,096.95	10	599.30	10	350.46	10	101.57	10
10 1/4	1,589.73	10 1/4	1,091.76	10 1/4	594.13	10 1/4	345.27	10 1/4	96.39	10 1/4
10 1/2	1,584.55	10 1/2	1,086.58	10 1/2	588.95	10 1/2	340.09	10 1/2	91.21	10 1/2
10 3/4	1,579.36	10 3/4	1,081.39	10 3/4	583.78	10 3/4	334.90	10 3/4	86.02	10 3/4
11	1,574.17	11	1,076.20	11	578.60	11	329.71	11	80.84	11
11 1/4	1,568.98	11 1/4	1,071.01	11 1/4	573.42	11 1/4	324.52	11 1/4	75.66	11 1/4
11 1/2	1,563.80	11 1/2	1,065.83	11 1/2	568.25	11 1/2	319.34	11 1/2	70.48	11 1/2
11 3/4	1,558.61	11 3/4	1,060.64	11 3/4	563.07	11 3/4	314.15	11 3/4	65.29	11 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 07/15/1999 ITS
DECK MEASUREMENTS: 06/13/2004 SW
REPRINTED: 06/17/2004 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2004

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 10559"

3 CENTER ULLAGE TABLE

FORMERLY "SR 111"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	
0	0	0	3,545.84	0	3,302.33	0	3,053.43	0	2,804.57	0	2,555.74	0	2,306.91	0	2,058.07					
14	14	14	3,542.00	14	3,297.14	14	3,048.25	14	2,799.39	14	2,550.56	14	2,301.73	14	2,052.89					
12	12	12	3,538.15	12	3,291.95	12	3,043.06	12	2,794.20	12	2,545.37	12	2,295.54	12	2,046.70					
34	34	34	3,533.59	34	3,286.77	34	3,037.87	34	2,789.02	34	2,540.18	34	2,291.36	34	2,042.52					
1	1	1	3,529.03	1	3,281.58	1	3,032.69	1	2,783.84	1	2,535.01	1	2,286.18	1	2,037.33					
14	14	14	3,524.47	14	3,276.41	14	3,027.50	14	2,778.65	14	2,529.82	14	2,280.99	14	2,032.15					
12	12	12	3,519.91	12	3,271.21	12	3,022.31	12	2,773.47	12	2,524.64	12	2,275.81	12	2,026.96					
34	34	34	3,514.78	34	3,266.03	34	3,017.13	34	2,768.29	34	2,519.46	34	2,270.63	34	2,021.78					
2	2	2	3,509.64	2	3,260.84	2	3,011.94	2	2,763.10	2	2,514.27	2	2,265.44	2	2,016.59					
14	14	14	3,504.51	14	3,255.66	14	3,006.76	14	2,757.92	14	2,509.09	14	2,260.26	14	2,011.41					
12	12	12	3,499.37	12	3,250.47	12	3,001.57	12	2,752.73	12	2,503.90	12	2,255.07	12	2,006.22					
34	34	34	3,494.19	34	3,245.29	34	2,996.39	34	2,747.55	34	2,498.72	34	2,249.89	34	2,001.04					
3	3	3	3,489.00	3	3,240.10	3	2,991.20	3	2,742.36	3	2,493.53	3	2,244.70	3	1,995.85					
14	14	14	3,483.82	14	3,234.92	14	2,986.02	14	2,737.18	14	2,488.35	14	2,239.52	14	1,990.67					
12	12	12	3,478.63	12	3,229.73	12	2,980.83	12	2,731.98	12	2,483.16	12	2,234.33	12	1,985.48					
34	34	34	3,473.45	34	3,224.55	34	2,975.65	34	2,726.81	34	2,477.98	34	2,229.15	34	1,980.30					
4	4	4	3,468.26	4	3,219.36	4	2,970.46	4	2,721.63	4	2,472.80	4	2,223.97	4	1,975.11					
14	14	14	3,463.08	14	3,214.18	14	2,965.28	14	2,716.44	14	2,467.61	14	2,218.78	14	1,969.93					
12	12	12	3,457.89	12	3,208.99	12	2,960.09	12	2,711.26	12	2,462.43	12	2,213.60	12	1,964.74					
34	34	34	3,452.71	34	3,203.81	34	2,954.91	34	2,706.08	34	2,457.25	34	2,208.42	34	1,959.56					
5	5	5	3,447.52	5	3,198.62	5	2,949.72	5	2,700.89	5	2,452.06	5	2,203.23	5	1,954.38					
14	14	14	3,442.34	14	3,193.44	14	2,944.54	14	2,695.71	14	2,446.88	14	2,198.05	14	1,949.19					
12	12	12	3,437.15	12	3,188.25	12	2,939.35	12	2,690.52	12	2,441.69	12	2,192.86	12	1,944.01					
34	34	34	3,431.96	34	3,183.07	34	2,934.17	34	2,685.34	34	2,436.51	34	2,187.68	34	1,938.83					
6	6	6	3,426.78	6	3,177.88	6	2,928.99	6	2,680.16	6	2,431.33	6	2,182.50	6	1,933.64					
14	14	14	3,421.59	14	3,172.70	14	2,923.80	14	2,674.97	14	2,426.14	14	2,177.31	14	1,928.46					
12	12	12	3,416.40	12	3,167.51	12	2,918.62	12	2,669.79	12	2,420.96	12	2,172.13	12	1,923.27					
34	34	34	3,411.22	34	3,162.32	34	2,913.44	34	2,664.61	34	2,415.78	34	2,166.95	34	1,918.09					
7	7	7	3,406.03	7	3,157.14	7	2,908.25	7	2,659.42	7	2,410.59	7	2,161.76	7	1,912.90					
14	14	14	3,400.85	14	3,151.95	14	2,903.07	14	2,654.24	14	2,405.41	14	2,156.58	14	1,907.72					
12	12	12	3,395.66	12	3,146.76	12	2,897.88	12	2,649.05	12	2,400.22	12	2,151.39	12	1,902.53					
34	34	34	3,390.48	34	3,141.58	34	2,892.70	34	2,643.87	34	2,395.04	34	2,146.21	34	1,897.35					
8	8	8	3,385.29	8	3,136.39	8	2,887.51	8	2,638.68	8	2,389.85	8	2,141.02	8	1,892.16					
14	14	14	3,380.11	14	3,131.21	14	2,882.33	14	2,633.50	14	2,384.67	14	2,135.84	14	1,886.98					
12	12	12	3,374.92	12	3,126.02	12	2,877.14	12	2,628.31	12	2,379.48	12	2,130.65	12	1,881.79					
34	34	34	3,369.74	34	3,120.84	34	2,871.96	34	2,623.13	34	2,374.30	34	2,125.47	34	1,876.61					
9	9	9	3,364.55	9	3,115.65	9	2,866.78	9	2,617.95	9	2,369.12	9	2,120.28	9	1,871.42					
14	14	14	3,359.37	14	3,110.47	14	2,861.59	14	2,612.76	14	2,363.93	14	2,115.10	14	1,866.24					
12	12	12	3,354.18	12	3,105.28	12	2,856.41	12	2,607.58	12	2,358.75	12	2,109.91	12	1,861.05					
34	34	34	3,349.00	34	3,100.10	34	2,851.23	34	2,602.40	34	2,353.57	34	2,104.73	34	1,855.87					
10	10	10	3,343.81	10	3,094.91	10	2,846.04	10	2,597.21	10	2,348.38	10	2,099.54	10	1,850.68					
14	14	14	3,338.63	14	3,089.73	14	2,840.86	14	2,592.03	14	2,343.20	14	2,094.36	14	1,845.50					
12	12	12	3,333.44	12	3,084.54	12	2,835.67	12	2,586.84	12	2,338.01	12	2,089.17	12	1,840.31					
34	34	34	3,328.26	34	3,079.36	34	2,830.49	34	2,581.66	34	2,332.83	34	2,083.99	34	1,835.13					
11	11	11	3,323.07	11	3,074.17	11	2,825.31	11	2,576.48	11	2,327.65	11	2,078.81	11	1,829.95					
14	14	14	3,317.89	14	3,068.99	14	2,820.12	14	2,571.29	14	2,322.46	14	2,073.62	14	1,824.76					
12	12	12	3,312.70	12	3,063.80	12	2,814.94	12	2,566.11	12	2,317.28	12	2,068.44	12	1,819.58					
34	34	34	3,307.51	34	3,058.62	34	2,809.76	34	2,560.93	34	2,312.10	34	2,063.26	34	1,814.40					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBSERVED WITH "MHC" CLOSED GAUGING DEVICE.
 GAUGE POINT (MHC) LOCATED ON CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P. O. Box 2082
 Pearland, Texas 77588
<http://www.pmacorp.net>

[Signature]



BARGE "KIRBY 10559"

3 CENTER ULLAGE TABLE

FORMERLY "SR 111"

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

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W
0	1,809.21	0	1,560.35	0	1,311.50	0	1,062.65	0	813.80	0	565.35	0	316.57	0	67.85	0		0	
1/4	1,804.03	1/4	1,555.17	1/4	1,306.32	1/4	1,057.47	1/4	808.62	1/4	560.18	1/4	311.39	1/4	62.66	1/4		1/4	
1/2	1,798.84	1/2	1,549.98	1/2	1,301.13	1/2	1,052.28	1/2	803.43	1/2	555.00	1/2	306.20	1/2	57.48	1/2		1/2	
3/4	1,793.66	3/4	1,544.80	3/4	1,295.95	3/4	1,047.10	3/4	798.25	3/4	549.82	3/4	301.02	3/4	52.30	3/4		3/4	
1	1,788.47	1	1,539.61	1	1,290.77	1	1,041.92	1	793.07	1	544.64	1	295.83	1	47.12	1		1	
1/4	1,783.29	1/4	1,534.43	1/4	1,285.58	1/4	1,036.73	1/4	787.88	1/4	539.46	1/4	290.65	1/4	41.93	1/4		1/4	
1/2	1,778.10	1/2	1,529.24	1/2	1,280.40	1/2	1,031.55	1/2	782.70	1/2	534.28	1/2	285.46	1/2	36.75	1/2		1/2	
3/4	1,772.92	3/4	1,524.06	3/4	1,275.22	3/4	1,026.37	3/4	777.52	3/4	529.10	3/4	280.28	3/4	32.09	3/4		3/4	
1	1,767.73	1	1,518.88	1	1,270.03	1	1,021.18	1	772.33	1	523.92	1	275.10	1	27.43	1		1	
1/4	1,762.55	1/4	1,513.69	1/4	1,264.85	1/4	1,016.00	1/4	767.15	1/4	518.73	1/4	269.91	1/4	22.77	1/4		1/4	
1/2	1,757.36	1/2	1,508.51	1/2	1,259.66	1/2	1,010.81	1/2	761.96	1/2	513.55	1/2	264.73	1/2	18.11	1/2		1/2	
3/4	1,752.18	3/4	1,503.33	3/4	1,254.48	3/4	1,005.63	3/4	756.78	3/4	508.37	3/4	259.55	3/4	15.09	3/4		3/4	
1	1,746.99	1	1,498.14	1	1,249.29	1	1,000.44	1	751.61	1	503.19	1	254.36	1	12.07	1		1	
1/4	1,741.81	1/4	1,492.96	1/4	1,244.11	1/4	995.26	1/4	746.43	1/4	498.00	1/4	249.18	1/4	9.04	1/4		1/4	
1/2	1,736.62	1/2	1,487.77	1/2	1,238.92	1/2	990.07	1/2	741.25	1/2	492.82	1/2	243.99	1/2	6.02	1/2		1/2	
3/4	1,731.44	3/4	1,482.59	3/4	1,233.74	3/4	984.89	3/4	736.08	3/4	487.64	3/4	238.81	3/4	4.73	3/4		3/4	
1	1,726.25	1	1,477.40	1	1,228.55	1	979.70	1	730.90	1	482.46	1	233.62	1	3.43	1		1	
1/4	1,721.07	1/4	1,472.22	1/4	1,223.37	1/4	974.52	1/4	725.73	1/4	477.27	1/4	228.44	1/4	2.14	1/4		1/4	
1/2	1,715.88	1/2	1,467.03	1/2	1,218.18	1/2	969.33	1/2	720.55	1/2	472.09	1/2	223.25	1/2	0.84	1/2		1/2	
3/4	1,710.70	3/4	1,461.85	3/4	1,213.00	3/4	964.15	3/4	715.38	3/4	466.91	3/4	218.07	3/4		3/4		3/4	
1	1,705.52	1	1,456.67	1	1,207.82	1	958.97	1	710.21	1	461.72	1	212.89	1		1		1	
1/4	1,700.33	1/4	1,451.48	1/4	1,202.63	1/4	953.78	1/4	705.03	1/4	456.54	1/4	207.70	1/4		1/4		1/4	
1/2	1,695.15	1/2	1,446.30	1/2	1,197.45	1/2	948.60	1/2	699.86	1/2	451.35	1/2	202.52	1/2		1/2		1/2	
3/4	1,689.97	3/4	1,441.12	3/4	1,192.27	3/4	943.42	3/4	694.69	3/4	446.17	3/4	197.34	3/4		3/4		3/4	
1	1,684.78	1	1,435.93	1	1,187.08	1	938.23	1	689.52	1	440.99	1	192.15	1		1		1	
1/4	1,679.60	1/4	1,430.75	1/4	1,181.90	1/4	933.05	1/4	684.34	1/4	435.80	1/4	186.97	1/4		1/4		1/4	
1/2	1,674.41	1/2	1,425.56	1/2	1,176.71	1/2	927.86	1/2	679.17	1/2	430.62	1/2	181.78	1/2		1/2		1/2	
3/4	1,669.23	3/4	1,420.38	3/4	1,171.53	3/4	922.68	3/4	674.00	3/4	425.44	3/4	176.60	3/4		3/4		3/4	
1	1,664.04	1	1,415.19	1	1,166.34	1	917.49	1	668.82	1	420.25	1	171.42	1		1		1	
1/4	1,658.86	1/4	1,410.01	1/4	1,161.16	1/4	912.31	1/4	663.65	1/4	415.07	1/4	166.24	1/4		1/4		1/4	
1/2	1,653.67	1/2	1,404.82	1/2	1,155.97	1/2	907.12	1/2	658.47	1/2	409.88	1/2	161.06	1/2		1/2		1/2	
3/4	1,648.49	3/4	1,399.64	3/4	1,150.79	3/4	901.94	3/4	653.30	3/4	404.70	3/4	155.88	3/4		3/4		3/4	
1	1,643.30	1	1,394.45	1	1,145.60	1	896.75	1	648.13	1	399.51	1	150.71	1		1		1	
1/4	1,638.12	1/4	1,389.27	1/4	1,140.42	1/4	891.57	1/4	642.95	1/4	394.33	1/4	145.53	1/4		1/4		1/4	
1/2	1,632.93	1/2	1,384.08	1/2	1,135.23	1/2	886.38	1/2	637.78	1/2	389.14	1/2	140.35	1/2		1/2		1/2	
3/4	1,627.75	3/4	1,378.90	3/4	1,130.05	3/4	881.20	3/4	632.61	3/4	383.96	3/4	135.17	3/4		3/4		3/4	
1	1,622.56	1	1,373.72	1	1,124.87	1	876.02	1	627.43	1	378.78	1	130.00	1		1		1	
1/4	1,617.38	1/4	1,368.53	1/4	1,119.68	1/4	870.83	1/4	622.26	1/4	373.59	1/4	124.82	1/4		1/4		1/4	
1/2	1,612.19	1/2	1,363.35	1/2	1,114.50	1/2	865.65	1/2	617.08	1/2	368.41	1/2	119.64	1/2		1/2		1/2	
3/4	1,607.01	3/4	1,358.17	3/4	1,109.32	3/4	860.47	3/4	611.91	3/4	363.23	3/4	114.46	3/4		3/4		3/4	
1	1,601.83	1	1,352.98	1	1,104.13	1	855.28	1	606.74	1	358.04	1	109.29	1		1		1	
1/4	1,596.64	1/4	1,347.80	1/4	1,098.95	1/4	850.10	1/4	601.56	1/4	352.86	1/4	104.11	1/4		1/4		1/4	
1/2	1,591.46	1/2	1,342.61	1/2	1,093.76	1/2	844.91	1/2	596.39	1/2	347.67	1/2	98.93	1/2		1/2		1/2	
3/4	1,586.28	3/4	1,337.43	3/4	1,088.58	3/4	839.73	3/4	591.22	3/4	342.49	3/4	93.75	3/4		3/4		3/4	
1	1,581.09	1	1,332.24	1	1,083.39	1	834.54	1	586.05	1	337.31	1	88.57	1		1		1	
1/4	1,575.91	1/4	1,327.06	1/4	1,078.21	1/4	829.36	1/4	580.87	1/4	332.12	1/4	83.39	1/4		1/4		1/4	
1/2	1,570.72	1/2	1,321.87	1/2	1,073.02	1/2	824.17	1/2	575.70	1/2	326.94	1/2	78.21	1/2		1/2		1/2	
3/4	1,565.54	3/4	1,316.69	3/4	1,067.84	3/4	818.99	3/4	570.53	3/4	321.76	3/4	73.03	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 07/15/1999 ITS
 DECK MEASUREMENTS: 09/13/2004 SW
 REPRINTED: 09/17/2004 SW
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2004

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