

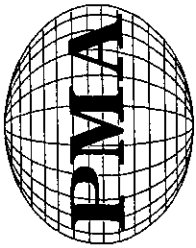


KIRBY 29007



Barge Strapping Tables





BARGE "KIRBY 29007"

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 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
1 STBD	- 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 PORT	- 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	- 00-7/8	00-7/8
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
3 PORT	- 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	- 00-5/8	00-5/8
3 STBD	- 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	- 00-5/8	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 PORT IS 00-1/4"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 236'-00"

February 16, 2001

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

<http://www.pmacorp.net>



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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT

**TESTING MEASUREMENTS
& ANALYSIS, INC.**

P.O. Box 2092
Pearland, Texas 77588

Pearland, Texas 77588
<http://www.pmacorp.net>

SHEET NO. 1 OF 12



BARGE "KIRBY 29007"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS												GAUGE HEIGHT 16'-10 1/2"												CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY													
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	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,108.44	0	1,776.02	0	1,443.60	0	1,111.85	0	795.01	0	499.14	0	224.11	0		0		0		0		0		0		0		0		0		0		0		0	
1/4	2,101.51	1/4	1,769.09	1/4	1,436.67	1/4	1,105.02	1/4	788.64	1/4	493.19	1/4	218.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,094.59	1/2	1,762.17	1/2	1,429.75	1/2	1,098.19	1/2	782.26	1/2	487.25	1/2	213.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,087.66	3/4	1,755.24	3/4	1,422.82	3/4	1,091.40	3/4	775.93	3/4	481.34	3/4	207.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,080.74	1	1,748.32	1	1,415.90	1	1,084.61	1	769.59	1	475.43	1	202.14	1		1		1		1		1		1		1		1		1		1		1		1	
1/4	2,073.81	1/4	1,741.39	1/4	1,408.97	1/4	1,077.82	1/4	763.26	1/4	469.51	1/4	196.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,066.89	1/2	1,734.47	1/2	1,402.05	1/2	1,071.03	1/2	756.92	1/2	463.60	1/2	191.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,059.96	3/4	1,727.54	3/4	1,395.12	3/4	1,064.27	3/4	750.62	3/4	457.73	3/4	185.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,053.04	2	1,720.62	2	1,388.20	2	1,057.52	2	744.32	2	451.85	2	180.32	2		2		2		2		2		2		2		2		2		2		2		2	
1/4	2,046.11	1/4	1,713.69	1/4	1,381.27	1/4	1,050.76	1/4	738.02	1/4	445.98	1/4	174.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,039.18	1/2	1,706.77	1/2	1,374.35	1/2	1,044.01	1/2	731.72	1/2	440.10	1/2	169.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,032.26	3/4	1,699.84	3/4	1,367.42	3/4	1,037.29	3/4	725.44	3/4	434.26	3/4	164.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,025.33	3	1,692.91	3	1,360.50	3	1,030.57	3	719.16	3	428.41	3	158.65	3		3		3		3		3		3		3		3		3		3		3		3	
1/4	2,018.41	1/4	1,685.99	1/4	1,353.57	1/4	1,023.85	1/4	712.89	1/4	422.57	1/4	153.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,011.48	1/2	1,679.06	1/2	1,346.64	1/2	1,017.14	1/2	706.61	1/2	417.73	1/2	147.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,004.56	3/4	1,672.14	3/4	1,339.72	3/4	1,010.45	3/4	700.37	3/4	410.92	3/4	142.48	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	1,997.63	4	1,665.21	4	1,332.79	4	1,003.77	4	694.13	4	405.12	4	137.11	4		4		4		4		4		4		4		4		4		4		4		4	
1/4	1,990.71	1/4	1,658.29	1/4	1,325.87	1/4	997.09	1/4	687.88	1/4	399.31	1/4	131.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,983.78	1/2	1,651.36	1/2	1,318.94	1/2	990.41	1/2	681.64	1/2	393.50	1/2	126.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,976.86	3/4	1,644.44	3/4	1,312.02	3/4	983.77	3/4	675.43	3/4	387.74	3/4	121.06	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	1,969.93	5	1,637.51	5	1,305.09	5	977.12	5	669.22	5	381.98	5	115.73	5		5		5		5		5		5		5		5		5		5		5		5	
1/4	1,963.00	1/4	1,630.59	1/4	1,298.17	1/4	970.48	1/4	663.01	1/4	376.21	1/4	110.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,956.08	1/2	1,623.66	1/2	1,291.24	1/2	963.83	1/2	656.81	1/2	370.45	1/2	105.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,949.15	3/4	1,616.73	3/4	1,284.32	3/4	957.23	3/4	650.64	3/4	364.72	3/4	99.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	1,942.23	6	1,609.81	6	1,277.39	6	950.62	6	644.47	6	358.99	6	94.50	6		6		6		6		6		6		6		6		6		6		6		6	
1/4	1,935.30	1/4	1,602.88	1/4	1,270.46	1/4	944.01	1/4	638.30	1/4	353.26	1/4	89.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,928.38	1/2	1,595.96	1/2	1,263.54	1/2	937.40	1/2	632.14	1/2	347.53	1/2	83.92	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,921.45	3/4	1,589.03	3/4	1,256.61	3/4	930.84	3/4	626.01	3/4	341.84	3/4	78.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	1,914.53	7	1,582.11	7	1,249.69	7	924.29	7	619.87	7	336.15	7	73.41	7		7		7		7		7		7		7		7		7		7		7		7	
1/4	1,907.60	1/4	1,575.18	1/4	1,242.76	1/4	917.73	1/4	613.74	1/4	330.46	1/4	68.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,900.68	1/2	1,568.26	1/2	1,235.84	1/2	911.18	1/2	607.61	1/2	324.76	1/2	62.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,893.75	3/4	1,561.33	3/4	1,228.92	3/4	904.66	3/4	601.52	3/4	319.11	3/4	57.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	1,886.83	8	1,554.41	8	1,221.99	8	898.14	8	595.43	8	313.45	8	52.44	8		8		8		8		8		8		8		8		8		8		8		8	
1/4	1,879.90	1/4	1,547.48	1/4	1,215.07	1/4	891.62	1/4	589.34	1/4	307.79	1/4	47.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,872.97	1/2	1,540.56	1/2	1,208.15	1/2	885.10	1/2	583.25	1/2	302.13	1/2	41.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,866.05	3/4	1,533.63	3/4	1,201.24	3/4	878.62	3/4	577.19	3/4	296.51	3/4	37.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	1,859.12	9	1,526.70	9	1,194.33	9	872.14	9	571.14	9	290.89	9	33.29	9		9		9																			



BARGE "KIRBY 29007"

1 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-10 1/2"

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

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

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 ONLY APPLIES TO ULLAGE GAUGES OBTAINED WITH "HERMETIC" CLOSED GAUGING DEVICE.
CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.
GAUGE POINT: LOCATED 12'-09" OFF CENTERLINE AND 37'-00" FORWARD OF AFT BULKHEAD.

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

Tom J. Hearn



BARGE "KIRBY 29007"

1 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-10 1/2"

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

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,093.52	0	1,763.01	0	1,432.51	0	1,102.66	0	788.85	0	495.54	0	222.43	0					
1/4	2,086.64	1/4	1,756.13	1/4	1,425.62	1/4	1,095.87	1/4	782.56	1/4	489.64	1/4	216.96	1/4					
1/2	2,079.75	1/2	1,749.24	1/2	1,418.73	1/2	1,089.09	1/2	776.26	1/2	483.73	1/2	211.49	1/2					
3/4	2,072.87	3/4	1,742.36	3/4	1,411.85	3/4	1,082.34	3/4	770.00	3/4	477.86	3/4	206.06	3/4					
1	2,065.98	1	1,735.47	1	1,404.96	1	1,075.58	1	763.75	1	471.99	1	200.63	1					
1/4	2,059.09	1/4	1,728.59	1/4	1,398.08	1/4	1,068.83	1/4	757.49	1/4	466.12	1/4	195.19	1/4					
1/2	2,052.21	1/2	1,721.70	1/2	1,391.19	1/2	1,062.08	1/2	751.23	1/2	460.25	1/2	189.76	1/2					
3/4	2,045.32	3/4	1,714.81	3/4	1,384.31	3/4	1,055.37	3/4	745.01	3/4	454.41	3/4	184.36	3/4					
2	2,038.44	2	1,707.93	2	1,377.42	2	1,048.65	2	738.79	2	448.58	2	178.96	2					
1/4	2,031.55	1/4	1,701.04	1/4	1,370.53	1/4	1,041.94	1/4	732.57	1/4	442.74	1/4	173.57	1/4					
1/2	2,024.67	1/2	1,694.16	1/2	1,363.65	1/2	1,035.22	1/2	726.34	1/2	436.91	1/2	168.17	1/2					
3/4	2,017.78	3/4	1,687.27	3/4	1,356.76	3/4	1,028.54	3/4	720.14	3/4	431.10	3/4	162.81	3/4					
3	2,010.90	3	1,680.39	3	1,349.88	3	1,021.87	3	713.94	3	425.30	3	157.45	3					
1/4	2,004.01	1/4	1,673.50	1/4	1,342.99	1/4	1,015.19	1/4	707.74	1/4	419.50	1/4	152.09	1/4					
1/2	1,997.12	1/2	1,666.62	1/2	1,336.11	1/2	1,008.51	1/2	701.54	1/2	413.69	1/2	146.72	1/2					
3/4	1,990.24	3/4	1,659.73	3/4	1,329.22	3/4	1,001.87	3/4	695.37	3/4	407.93	3/4	141.40	3/4					
4	1,983.35	4	1,652.84	4	1,322.34	4	995.23	4	689.19	4	402.16	4	136.08	4					
1/4	1,976.47	1/4	1,645.96	1/4	1,315.45	1/4	988.58	1/4	683.02	1/4	396.39	1/4	130.75	1/4					
1/2	1,969.58	1/2	1,639.07	1/2	1,308.56	1/2	981.94	1/2	676.85	1/2	390.63	1/2	125.43	1/2					
3/4	1,962.70	3/4	1,632.19	3/4	1,301.68	3/4	975.37	3/4	670.68	3/4	384.90	3/4	120.14	3/4					
5	1,955.81	5	1,625.30	5	1,294.79	5	968.79	5	664.51	5	379.18	5	114.85	5					
1/4	1,948.93	1/4	1,618.42	1/4	1,287.91	1/4	962.22	1/4	658.34	1/4	373.46	1/4	109.57	1/4					
1/2	1,942.04	1/2	1,611.53	1/2	1,281.02	1/2	955.65	1/2	652.17	1/2	367.73	1/2	104.28	1/2					
3/4	1,935.15	3/4	1,604.65	3/4	1,274.14	3/4	949.11	3/4	646.05	3/4	362.04	3/4	99.03	3/4					
6	1,928.27	6	1,597.76	6	1,267.25	6	942.58	6	639.92	6	356.35	6	93.78	6					
1/4	1,921.38	1/4	1,590.87	1/4	1,260.37	1/4	936.05	1/4	633.79	1/4	350.67	1/4	88.53	1/4					
1/2	1,914.50	1/2	1,583.99	1/2	1,253.48	1/2	929.52	1/2	627.67	1/2	344.98	1/2	83.28	1/2					
3/4	1,907.61	3/4	1,577.10	3/4	1,246.59	3/4	923.04	3/4	621.57	3/4	339.32	3/4	78.07	3/4					
7	1,900.73	7	1,570.22	7	1,239.71	7	916.56	7	615.48	7	333.67	7	72.85	7					
1/4	1,893.84	1/4	1,563.33	1/4	1,232.82	1/4	910.08	1/4	609.39	1/4	328.02	1/4	67.64	1/4					
1/2	1,886.95	1/2	1,556.45	1/2	1,225.94	1/2	903.60	1/2	603.30	1/2	322.37	1/2	62.42	1/2					
3/4	1,880.07	3/4	1,549.56	3/4	1,219.06	3/4	897.16	3/4	597.25	3/4	316.75	3/4	57.23	3/4					
8	1,873.18	8	1,542.67	8	1,212.17	8	890.73	8	591.20	8	311.13	8	52.04	8					
1/4	1,866.30	1/4	1,535.79	1/4	1,205.29	1/4	884.29	1/4	585.15	1/4	305.51	1/4	46.85	1/4					
1/2	1,859.41	1/2	1,528.90	1/2	1,198.41	1/2	877.85	1/2	579.09	1/2	299.90	1/2	41.67	1/2					
3/4	1,852.53	3/4	1,522.02	3/4	1,191.54	3/4	871.44	3/4	573.08	3/4	294.32	3/4	37.35	3/4					
9	1,845.64	9	1,515.13	9	1,184.67	9	865.04	9	567.06	9	288.73	9	33.04	9					
1/4	1,838.76	1/4	1,508.25	1/4	1,177.80	1/4	858.63	1/4	561.05	1/4	283.15	1/4	28.73	1/4					
1/2	1,831.87	1/2	1,501.36	1/2	1,170.93	1/2	852.23	1/2	555.03	1/2	277.57	1/2	24.42	1/2					
3/4	1,824.98	3/4	1,494.48	3/4	1,164.08	3/4	845.86	3/4	549.05	3/4	272.03	3/4	21.84	3/4					
10	1,818.10	10	1,487.59	10	1,157.23	10	839.50	10	543.07	10	266.48	10	19.26	10					
1/4	1,811.21	1/4	1,480.70	1/4	1,150.38	1/4	833.13	1/4	537.08	1/4	260.94	1/4	16.67	1/4					
1/2	1,804.33	1/2	1,473.82	1/2	1,143.53	1/2	826.77	1/2	531.10	1/2	255.39	1/2	14.09	1/2					
3/4	1,797.44	3/4	1,466.93	3/4	1,136.70	3/4	820.44	3/4	525.17	3/4	249.89	3/4		3/4					
11	1,790.56	11	1,460.05	11	1,129.88	11	814.10	11	519.23	11	244.38	11		11					
1/4	1,783.67	1/4	1,453.16	1/4	1,123.06	1/4	807.77	1/4	513.29	1/4	238.88	1/4		1/4					
1/2	1,776.79	1/2	1,446.28	1/2	1,116.24	1/2	801.44	1/2	507.35	1/2	233.37	1/2		1/2					
3/4	1,769.90	3/4	1,439.39	3/4	1,109.45	3/4	795.15	3/4	501.45	3/4	227.90	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2001 CL-SW
COMPUTED: 02/16/2001 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2001

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

SHEET NO. 4 OF 12

The Pearson



BARGE "KIRBY 29007"

**2 PORT
VILLAGE TABLE**

GAUGE HEIGHT 16'-10 3/8"

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

PRECISION MEASUREMENTS & ANALYSIS, INC.

P.O. Box 2092
& ANALYSIS, INC.

**P.O. BOX 2092
Pearland, Texas 77588**

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SHEET NO. 5 OF 12

For [Signature]



BARGE "KIRBY 29007"

2 PORT ULLAGE TABLE

GAUGE HEIGHT 16'-10 3/8"

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

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,658.67	0	2,271.33	0	1,884.00	0	1,496.66	0	1,109.32	0	722.32	0	335.18	0		0			
1/4	2,650.60	1/4	2,263.26	1/4	1,875.93	1/4	1,488.59	1/4	1,101.25	1/4	714.26	1/4	327.11	1/4		1/4		1/4	
1/2	2,642.53	1/2	2,255.19	1/2	1,867.86	1/2	1,480.52	1/2	1,093.19	1/2	706.21	1/2	319.04	1/2		1/2		1/2	
3/4	2,634.46	3/4	2,247.12	3/4	1,859.79	3/4	1,472.45	3/4	1,085.12	3/4	698.16	3/4	310.97	3/4		3/4		3/4	
1	2,626.39	1	2,239.05	1	1,851.72	1	1,464.38	1	1,077.05	1	690.10	1	302.90	1		1		1	
1/4	2,618.32	1/4	2,230.98	1/4	1,843.65	1/4	1,456.31	1/4	1,068.98	1/4	682.05	1/4	294.83	1/4		1/4		1/4	
1/2	2,610.25	1/2	2,222.92	1/2	1,835.58	1/2	1,448.24	1/2	1,060.91	1/2	674.00	1/2	286.76	1/2		1/2		1/2	
3/4	2,602.18	3/4	2,214.85	3/4	1,827.51	3/4	1,440.17	3/4	1,052.84	3/4	665.94	3/4	278.69	3/4		3/4		3/4	
2	2,594.11	2	2,206.78	2	1,819.44	2	1,432.10	2	1,044.77	2	657.89	2	270.62	2		2		2	
1/4	2,586.04	1/4	2,198.71	1/4	1,811.37	1/4	1,424.03	1/4	1,036.70	1/4	649.84	1/4	262.55	1/4		1/4		1/4	
1/2	2,577.97	1/2	2,190.64	1/2	1,803.30	1/2	1,415.97	1/2	1,028.63	1/2	641.78	1/2	254.48	1/2		1/2		1/2	
3/4	2,569.90	3/4	2,182.57	3/4	1,795.23	3/4	1,407.90	3/4	1,020.56	3/4	633.72	3/4	246.42	3/4		3/4		3/4	
3	2,561.83	3	2,174.50	3	1,787.16	3	1,399.83	3	1,012.49	3	625.66	3	238.35	3		3		3	
1/4	2,553.76	1/4	2,166.43	1/4	1,779.09	1/4	1,391.76	1/4	1,004.42	1/4	617.60	1/4	230.28	1/4		1/4		1/4	
1/2	2,545.70	1/2	2,158.36	1/2	1,771.02	1/2	1,383.69	1/2	996.35	1/2	609.53	1/2	222.21	1/2		1/2		1/2	
3/4	2,537.63	3/4	2,150.29	3/4	1,762.95	3/4	1,375.62	3/4	988.28	3/4	601.46	3/4	214.14	3/4		3/4		3/4	
4	2,529.56	4	2,142.22	4	1,754.88	4	1,367.55	4	980.21	4	593.39	4	206.07	4		4		4	
1/4	2,521.49	1/4	2,134.15	1/4	1,746.81	1/4	1,359.48	1/4	972.14	1/4	585.32	1/4	198.00	1/4		1/4		1/4	
1/2	2,513.42	1/2	2,126.08	1/2	1,738.75	1/2	1,351.41	1/2	964.07	1/2	577.25	1/2	189.93	1/2		1/2		1/2	
3/4	2,505.35	3/4	2,118.01	3/4	1,730.68	3/4	1,343.34	3/4	956.00	3/4	569.18	3/4	181.86	3/4		3/4		3/4	
5	2,497.28	5	2,109.94	5	1,722.61	5	1,335.27	5	947.93	5	561.11	5	173.79	5		5		5	
1/4	2,489.21	1/4	2,101.87	1/4	1,714.54	1/4	1,327.20	1/4	939.86	1/4	553.04	1/4	165.72	1/4		1/4		1/4	
1/2	2,481.14	1/2	2,093.80	1/2	1,706.47	1/2	1,319.13	1/2	931.80	1/2	544.98	1/2	157.65	1/2		1/2		1/2	
3/4	2,473.07	3/4	2,085.73	3/4	1,698.40	3/4	1,311.06	3/4	923.73	3/4	536.91	3/4	149.58	3/4		3/4		3/4	
6	2,465.00	6	2,077.66	6	1,690.33	6	1,302.99	6	915.66	6	528.84	6	141.52	6		6		6	
1/4	2,456.93	1/4	2,069.59	1/4	1,682.26	1/4	1,294.92	1/4	907.59	1/4	520.77	1/4	133.45	1/4		1/4		1/4	
1/2	2,448.86	1/2	2,061.53	1/2	1,674.19	1/2	1,286.85	1/2	899.52	1/2	512.70	1/2	125.38	1/2		1/2		1/2	
3/4	2,440.79	3/4	2,053.46	3/4	1,666.12	3/4	1,278.78	3/4	891.46	3/4	504.63	3/4	117.31	3/4		3/4		3/4	
7	2,432.72	7	2,045.39	7	1,658.05	7	1,270.71	7	883.40	7	496.56	7	109.24	7		7		7	
1/4	2,424.65	1/4	2,037.32	1/4	1,649.98	1/4	1,262.64	1/4	875.34	1/4	488.49	1/4	101.17	1/4		1/4		1/4	
1/2	2,416.58	1/2	2,029.25	1/2	1,641.91	1/2	1,254.58	1/2	867.28	1/2	480.42	1/2	93.10	1/2		1/2		1/2	
3/4	2,408.51	3/4	2,021.18	3/4	1,633.84	3/4	1,246.51	3/4	859.23	3/4	472.35	3/4	85.03	3/4		3/4		3/4	
8	2,400.44	8	2,013.11	8	1,625.77	8	1,238.44	8	851.17	8	464.28	8	76.96	8		8		8	
1/4	2,392.37	1/4	2,005.04	1/4	1,617.70	1/4	1,230.37	1/4	843.12	1/4	456.21	1/4	68.89	1/4		1/4		1/4	
1/2	2,384.31	1/2	1,996.97	1/2	1,609.63	1/2	1,222.30	1/2	835.07	1/2	448.15	1/2	61.71	1/2		1/2		1/2	
3/4	2,376.24	3/4	1,988.90	3/4	1,601.56	3/4	1,214.23	3/4	827.01	3/4	440.08	3/4	54.52	3/4		3/4		3/4	
9	2,368.17	9	1,980.83	9	1,593.49	9	1,206.16	9	818.96	9	432.01	9	47.33	9		9		9	
1/4	2,360.10	1/4	1,972.76	1/4	1,585.42	1/4	1,198.09	1/4	810.91	1/4	423.94	1/4	40.14	1/4		1/4		1/4	
1/2	2,352.03	1/2	1,964.69	1/2	1,577.36	1/2	1,190.02	1/2	802.85	1/2	415.87	1/2	34.85	1/2		1/2		1/2	
3/4	2,343.96	3/4	1,956.62	3/4	1,569.29	3/4	1,181.95	3/4	794.80	3/4	407.80	3/4	29.55	3/4		3/4		3/4	
10	2,335.89	10	1,948.55	10	1,561.22	10	1,173.88	10	786.75	10	399.73	10	24.26	10		10		10	
1/4	2,327.82	1/4	1,940.48	1/4	1,553.15	1/4	1,165.81	1/4	778.69	1/4	391.66	1/4	18.96	1/4		1/4		1/4	
1/2	2,319.75	1/2	1,932.41	1/2	1,545.08	1/2	1,157.74	1/2	770.64	1/2	383.59	1/2	16.44	1/2		1/2		1/2	
3/4	2,311.68	3/4	1,924.34	3/4	1,537.01	3/4	1,149.67	3/4	762.58	3/4	375.52	3/4		3/4		3/4		3/4	
11	2,303.61	11	1,916.27	11	1,528.94	11	1,141.60	11	754.53	11	367.45	11		11		11		11	
1/4	2,295.54	1/4	1,908.20	1/4	1,520.87	1/4	1,133.53	1/4	746.48	1/4	359.38	1/4		1/4		1/4		1/4	
1/2	2,287.47	1/2	1,900.14	1/2	1,512.80	1/2	1,125.46	1/2	738.42	1/2	351.31	1/2		1/2		1/2		1/2	
3/4	2,279.40	3/4	1,892.07	3/4	1,504.73	3/4	1,117.39	3/4	730.37	3/4	343.25	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2001 CL-SW
COMPUTED: 02/16/2001 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2001

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

PMA



BARGE "KIRBY 29007"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS												GAUGE HEIGHT 16'-10 1/2"																	
0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.		
IN	0	1	IN	0	1	IN	0	1	IN	0	1	IN	0	1	IN	0	1	IN	0	1	IN	0	1	IN	0	1	IN	0	1
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		

CERTIFIED CHART FOR THE ABOVE TANK ONLY.
TANK NO. 16-10 1/2

BARGE STRAPPED AND 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 OBTAINED WITH "HERMETIC" CLOSED GAUGING DEVICE.

CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

GAUGE POINT: LOCATED 12'-09" OFF CENTERLINE AND 43'-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>

The J. J. J.



BARGE "KIRBY 29007"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS										GAUGE HEIGHT 16'-10 1/2"									
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,657.01	0	2,268.29	0	1,879.57	0	1,490.84	0	1,102.12	0	722.56	0	340.39	0		0		0	
1/4	2,648.91	1/4	2,260.19	1/4	1,871.47	1/4	1,482.74	1/4	1,094.02	1/4	714.80	1/4	332.30	1/4		1/4		1/4	
1/2	2,640.81	1/2	2,252.09	1/2	1,863.37	1/2	1,474.65	1/2	1,085.92	1/2	707.03	1/2	324.20	1/2		1/2		1/2	
3/4	2,632.72	3/4	2,243.99	3/4	1,855.27	3/4	1,466.55	3/4	1,077.82	3/4	699.27	3/4	316.10	3/4		3/4		3/4	
1	2,624.62	1	2,235.89	1	1,847.17	1	1,458.45	1	1,069.73	1	691.51	1	308.00	1		1		1	
1/4	2,616.52	1/4	2,227.80	1/4	1,839.07	1/4	1,450.35	1/4	1,061.63	1/4	683.75	1/4	299.91	1/4		1/4		1/4	
1/2	2,608.42	1/2	2,219.70	1/2	1,830.97	1/2	1,442.25	1/2	1,053.53	1/2	675.98	1/2	291.81	1/2		1/2		1/2	
3/4	2,600.32	3/4	2,211.60	3/4	1,822.88	3/4	1,434.15	3/4	1,045.43	3/4	668.22	3/4	283.71	3/4		3/4		3/4	
2	2,592.22	2	2,203.50	2	1,814.78	2	1,426.05	2	1,037.33	2	660.46	2	275.61	2		2		2	
1/4	2,584.13	1/4	2,195.40	1/4	1,806.68	1/4	1,417.96	1/4	1,029.23	1/4	652.70	1/4	267.52	1/4		1/4		1/4	
1/2	2,576.03	1/2	2,187.30	1/2	1,798.58	1/2	1,409.86	1/2	1,021.13	1/2	644.94	1/2	259.42	1/2		1/2		1/2	
3/4	2,567.93	3/4	2,179.21	3/4	1,790.48	3/4	1,401.76	3/4	1,013.04	3/4	637.16	3/4	251.32	3/4		3/4		3/4	
3	2,559.83	3	2,171.11	3	1,782.38	3	1,393.66	3	1,004.94	3	629.39	3	243.22	3		3		3	
1/4	2,551.73	1/4	2,163.01	1/4	1,774.29	1/4	1,385.56	1/4	996.84	1/4	621.62	1/4	235.13	1/4		1/4		1/4	
1/2	2,543.63	1/2	2,154.91	1/2	1,766.19	1/2	1,377.46	1/2	988.74	1/2	613.85	1/2	227.03	1/2		1/2		1/2	
3/4	2,535.54	3/4	2,146.81	3/4	1,758.09	3/4	1,369.37	3/4	980.64	3/4	606.06	3/4	218.93	3/4		3/4		3/4	
4	2,527.44	4	2,138.71	4	1,749.99	4	1,361.27	4	972.54	4	598.28	4	210.83	4		4		4	
1/4	2,519.34	1/4	2,130.62	1/4	1,741.89	1/4	1,353.17	1/4	964.45	1/4	590.45	1/4	202.74	1/4		1/4		1/4	
1/2	2,511.24	1/2	2,122.52	1/2	1,733.79	1/2	1,345.07	1/2	956.35	1/2	582.70	1/2	194.64	1/2		1/2		1/2	
3/4	2,503.14	3/4	2,114.42	3/4	1,725.70	3/4	1,336.97	3/4	948.40	3/4	574.76	3/4	186.54	3/4		3/4		3/4	
5	2,495.04	5	2,106.32	5	1,717.60	5	1,328.87	5	940.46	5	566.82	5	178.44	5		5		5	
1/4	2,486.95	1/4	2,098.22	1/4	1,709.50	1/4	1,320.78	1/4	932.51	1/4	558.87	1/4	170.35	1/4		1/4		1/4	
1/2	2,478.85	1/2	2,090.12	1/2	1,701.40	1/2	1,312.68	1/2	924.56	1/2	550.93	1/2	162.25	1/2		1/2		1/2	
3/4	2,470.75	3/4	2,082.03	3/4	1,693.30	3/4	1,304.58	3/4	916.78	3/4	542.83	3/4	154.15	3/4		3/4		3/4	
6	2,462.65	6	2,073.93	6	1,685.20	6	1,296.48	6	908.99	6	534.73	6	146.05	6		6		6	
1/4	2,454.55	1/4	2,065.83	1/4	1,677.11	1/4	1,288.38	1/4	901.20	1/4	526.64	1/4	137.96	1/4		1/4		1/4	
1/2	2,446.45	1/2	2,057.73	1/2	1,669.01	1/2	1,280.28	1/2	893.41	1/2	518.54	1/2	129.86	1/2		1/2		1/2	
3/4	2,438.35	3/4	2,049.63	3/4	1,660.91	3/4	1,272.19	3/4	885.64	3/4	510.44	3/4	121.76	3/4		3/4		3/4	
7	2,430.26	7	2,041.53	7	1,652.81	7	1,264.09	7	877.86	7	502.34	7	113.66	7		7		7	
1/4	2,422.16	1/4	2,033.43	1/4	1,644.71	1/4	1,255.99	1/4	870.09	1/4	494.25	1/4	105.57	1/4		1/4		1/4	
1/2	2,414.06	1/2	2,025.34	1/2	1,636.61	1/2	1,247.89	1/2	862.31	1/2	486.15	1/2	97.47	1/2		1/2		1/2	
3/4	2,405.96	3/4	2,017.24	3/4	1,628.51	3/4	1,239.79	3/4	854.55	3/4	478.05	3/4	89.37	3/4		3/4		3/4	
8	2,397.86	8	2,009.14	8	1,620.42	8	1,231.69	8	846.78	8	469.95	8	81.27	8		8		8	
1/4	2,389.76	1/4	2,001.04	1/4	1,612.32	1/4	1,223.59	1/4	839.02	1/4	461.86	1/4	73.18	1/4		1/4		1/4	
1/2	2,381.67	1/2	1,992.94	1/2	1,604.22	1/2	1,215.50	1/2	831.26	1/2	453.76	1/2	65.08	1/2		1/2		1/2	
3/4	2,373.57	3/4	1,984.84	3/4	1,596.12	3/4	1,207.40	3/4	823.49	3/4	445.66	3/4	57.99	3/4		3/4		3/4	
9	2,365.47	9	1,976.75	9	1,588.02	9	1,199.30	9	815.73	9	437.56	9	50.91	9		9		9	
1/4	2,357.37	1/4	1,968.65	1/4	1,579.92	1/4	1,191.20	1/4	807.96	1/4	429.47	1/4	43.82	1/4		1/4		1/4	
1/2	2,349.27	1/2	1,960.55	1/2	1,571.83	1/2	1,183.10	1/2	800.20	1/2	421.37	1/2	36.73	1/2		1/2		1/2	
3/4	2,341.17	3/4	1,952.45	3/4	1,563.73	3/4	1,175.00	3/4	792.44	3/4	413.27	3/4	31.67	3/4		3/4		3/4	
10	2,333.08	10	1,944.35	10	1,555.63	10	1,166.91	10	784.67	10	405.17	10	26.61	10		10		10	
1/4	2,324.98	1/4	1,936.25	1/4	1,547.53	1/4	1,158.81	1/4	776.91	1/4	397.08	1/4	21.55	1/4		1/4		1/4	
1/2	2,316.88	1/2	1,928.16	1/2	1,539.43	1/2	1,150.71	1/2	769.14	1/2	388.98	1/2	16.49	1/2		1/2		1/2	
3/4	2,308.78	3/4	1,920.06	3/4	1,531.33	3/4	1,142.61	3/4	761.38	3/4	380.88	3/4		3/4		3/4		3/4	
11	2,300.68	11	1,911.96	11	1,523.24	11	1,134.51	11	753.62	11	372.78	11		11		11		11	
1/4	2,292.58	1/4	1,903.86	1/4	1,515.14	1/4	1,126.41	1/4	745.85	1/4	364.69	1/4		1/4		1/4		1/4	
1/2	2,284.49	1/2	1,895.76	1/2	1,507.04	1/2	1,118.32	1/2	738.09	1/2	356.59	1/2		1/2		1/2		1/2	
3/4	2,276.39	3/4	1,887.66	3/4	1,498.94	3/4	1,110.22	3/4	730.32	3/4	348.49	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2001 CL-SW
COMPUTED: 02/16/2001 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2001

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

Tom Pearson



**3 PORT
ULLAGE TABLE**

GAUGE HEIGHT 16'-10 3/8"

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

<http://www.pmacorp.net>



BARGE "KIRBY 29007"

3 PORT
ULLAGE TABLE

GAUGE HEIGHT 16'-10 3/8"

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.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,477.22	0	2,116.30	0	1,755.37	0	1,394.44	0	1,033.78	0	673.40	0	312.48	0	0	0	0	0	0
1/4	2,469.70	1/4	2,108.78	1/4	1,747.85	1/4	1,386.92	1/4	1,026.29	1/4	665.88	1/4	304.97	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,462.18	1/2	2,101.26	1/2	1,740.33	1/2	1,379.40	1/2	1,018.79	1/2	658.36	1/2	297.45	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,454.66	3/4	2,093.74	3/4	1,732.81	3/4	1,371.89	3/4	1,011.30	3/4	650.84	3/4	289.93	3/4	3/4	3/4	3/4	3/4	3/4
1	2,447.15	1	2,086.22	1	1,725.29	1	1,364.37	1	1,003.80	1	643.32	1	282.41	1	1	1	1	1	1
1/4	2,439.63	1/4	2,078.70	1/4	1,717.77	1/4	1,356.85	1/4	996.31	1/4	635.80	1/4	274.89	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,432.11	1/2	2,071.18	1/2	1,710.25	1/2	1,349.33	1/2	988.82	1/2	628.28	1/2	267.37	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,424.59	3/4	2,063.66	3/4	1,702.73	3/4	1,341.81	3/4	981.32	3/4	620.76	3/4	259.85	3/4	3/4	3/4	3/4	3/4	3/4
2	2,417.07	2	2,056.14	2	1,695.22	2	1,334.29	2	973.83	2	613.24	2	252.33	2	2	2	2	2	2
1/4	2,409.55	1/4	2,048.62	1/4	1,687.70	1/4	1,326.77	1/4	966.33	1/4	605.73	1/4	244.81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,402.03	1/2	2,041.10	1/2	1,680.18	1/2	1,319.25	1/2	958.84	1/2	598.21	1/2	237.29	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,394.51	3/4	2,033.58	3/4	1,672.66	3/4	1,311.73	3/4	951.34	3/4	590.69	3/4	229.78	3/4	3/4	3/4	3/4	3/4	3/4
3	2,386.99	3	2,026.06	3	1,665.14	3	1,304.21	3	943.85	3	583.17	3	222.26	3	3	3	3	3	3
1/4	2,379.47	1/4	2,018.55	1/4	1,657.62	1/4	1,296.69	1/4	936.36	1/4	575.65	1/4	214.74	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,371.95	1/2	2,011.03	1/2	1,650.10	1/2	1,289.17	1/2	928.86	1/2	568.13	1/2	207.22	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,364.43	3/4	2,003.51	3/4	1,642.58	3/4	1,281.65	3/4	921.37	3/4	560.61	3/4	199.70	3/4	3/4	3/4	3/4	3/4	3/4
4	2,356.91	4	1,995.99	4	1,635.06	4	1,274.13	4	913.87	4	553.09	4	192.18	4	4	4	4	4	4
1/4	2,349.39	1/4	1,988.47	1/4	1,627.54	1/4	1,266.62	1/4	906.38	1/4	545.57	1/4	184.66	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,341.88	1/2	1,980.95	1/2	1,620.02	1/2	1,259.10	1/2	898.88	1/2	538.05	1/2	177.14	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,334.36	3/4	1,973.43	3/4	1,612.50	3/4	1,251.58	3/4	891.39	3/4	530.54	3/4	169.62	3/4	3/4	3/4	3/4	3/4	3/4
5	2,326.84	5	1,965.91	5	1,604.98	5	1,244.06	5	883.90	5	523.02	5	162.10	5	5	5	5	5	5
1/4	2,319.32	1/4	1,958.39	1/4	1,597.46	1/4	1,236.54	1/4	876.40	1/4	515.50	1/4	154.59	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,311.80	1/2	1,950.87	1/2	1,589.95	1/2	1,229.02	1/2	868.88	1/2	507.98	1/2	147.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,304.28	3/4	1,943.35	3/4	1,582.43	3/4	1,221.50	3/4	861.37	3/4	500.46	3/4	139.55	3/4	3/4	3/4	3/4	3/4	3/4
6	2,296.76	6	1,935.83	6	1,574.91	6	1,213.98	6	853.85	6	492.94	6	132.03	6	6	6	6	6	6
1/4	2,289.24	1/4	1,928.31	1/4	1,567.39	1/4	1,206.46	1/4	846.33	1/4	485.42	1/4	124.51	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,281.72	1/2	1,920.79	1/2	1,559.87	1/2	1,198.94	1/2	838.81	1/2	477.90	1/2	116.99	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,274.20	3/4	1,913.28	3/4	1,552.35	3/4	1,191.42	3/4	831.30	3/4	470.38	3/4	109.47	3/4	3/4	3/4	3/4	3/4	3/4
7	2,266.68	7	1,905.76	7	1,544.83	7	1,183.90	7	823.78	7	462.86	7	101.95	7	7	7	7	7	7
1/4	2,259.16	1/4	1,898.24	1/4	1,537.31	1/4	1,176.38	1/4	816.26	1/4	455.35	1/4	94.43	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,251.64	1/2	1,890.72	1/2	1,529.79	1/2	1,168.86	1/2	808.74	1/2	447.83	1/2	86.91	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,244.12	3/4	1,883.20	3/4	1,522.27	3/4	1,161.35	3/4	801.22	3/4	440.31	3/4	79.40	3/4	3/4	3/4	3/4	3/4	3/4
8	2,236.61	8	1,875.68	8	1,514.75	8	1,153.83	8	793.70	8	432.79	8	71.88	8	8	8	8	8	8
1/4	2,229.09	1/4	1,868.16	1/4	1,507.23	1/4	1,146.31	1/4	786.18	1/4	425.27	1/4	64.36	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,221.57	1/2	1,860.64	1/2	1,499.71	1/2	1,138.79	1/2	778.66	1/2	417.75	1/2	57.66	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,214.05	3/4	1,853.12	3/4	1,492.19	3/4	1,131.27	3/4	771.14	3/4	410.23	3/4	50.96	3/4	3/4	3/4	3/4	3/4	3/4
9	2,206.53	9	1,845.60	9	1,484.68	9	1,123.75	9	763.62	9	402.71	9	44.27	9	9	9	9	9	9
1/4	2,199.01	1/4	1,838.08	1/4	1,477.16	1/4	1,116.23	1/4	756.11	1/4	395.19	1/4	37.57	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,191.49	1/2	1,830.56	1/2	1,469.64	1/2	1,108.73	1/2	748.59	1/2	387.67	1/2	32.63	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,183.97	3/4	1,823.04	3/4	1,462.12	3/4	1,101.23	3/4	741.07	3/4	380.16	3/4	27.70	3/4	3/4	3/4	3/4	3/4	3/4
10	2,176.45	10	1,815.52	10	1,454.60	10	1,093.74	10	733.55	10	372.64	10	22.77	10	10	10	10	10	10
1/4	2,168.93	1/4	1,808.00	1/4	1,447.08	1/4	1,086.24	1/4	726.03	1/4	365.12	1/4	17.83	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,161.41	1/2	1,800.49	1/2	1,439.56	1/2	1,078.75	1/2	718.51	1/2	357.60	1/2	15.47	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,153.89	3/4	1,792.97	3/4	1,432.04	3/4	1,071.25	3/4	710.99	3/4	350.08	3/4	11	3/4	3/4	3/4	3/4	3/4	3/4
11	2,146.37	11	1,785.45	11	1,424.52	11	1,063.76	11	703.47	11	342.56	11	11	11	11	11	11	11	11
1/4	2,138.85	1/4	1,777.93	1/4	1,417.00	1/4	1,056.26	1/4	695.95	1/4	335.04	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,131.33	1/2	1,770.41	1/2	1,409.48	1/2	1,048.77	1/2	688.43	1/2	327.52	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,123.82	3/4	1,762.89	3/4	1,401.96	3/4	1,041.27	3/4	680.92	3/4	320.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2001 CL-SW
COMPUTED: 02/16/2001 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2001

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

Tom Johnson



GAUGE HEIGHT 16'-10 1/2"

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

[illegible]

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE AND WAS DERIVED FROM SOURCE MATERIALS CLASSIFIED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

**BARGE STRAPPED AND COMPUED IN ACCORDANCE WITH THE MCA
BARGE STRAPPED AND COMPUED IN ACCORDANCE WITH THE MCA**

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED WITH "HERMETIC" CLOSED GAUGING DEVICE.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED WITH "HERMETIC" CLOSED GAUGING DEVICE.

CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

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

SHEET NO. 11 OF 12



BARGE "KIRBY 29007"

3 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-10 1/2"

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

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,459.79	0	2,099.60	0	1,742.34	0	1,382.18	0	1,025.52	0	672.50	0	316.03	0		0			
1/4	2,452.29	1/4	2,092.10	1/4	1,734.90	1/4	1,374.68	1/4	1,018.15	1/4	665.17	1/4	308.52	1/4		1/4			
1/2	2,444.79	1/2	2,084.59	1/2	1,727.46	1/2	1,367.17	1/2	1,010.79	1/2	657.83	1/2	301.01	1/2		1/2			
3/4	2,437.29	3/4	2,077.15	3/4	1,719.95	3/4	1,359.67	3/4	1,003.43	3/4	650.49	3/4	293.51	3/4		3/4			
1	2,429.79	1	2,069.71	1	1,712.45	1	1,352.16	1	996.06	1	643.15	1	286.00	1		1			
1/4	2,422.28	1/4	2,062.27	1/4	1,704.94	1/4	1,344.65	1/4	988.70	1/4	635.82	1/4	278.49	1/4		1/4			
1/2	2,414.78	1/2	2,054.83	1/2	1,697.44	1/2	1,337.15	1/2	981.34	1/2	628.48	1/2	270.99	1/2		1/2			
3/4	2,407.28	3/4	2,047.39	3/4	1,689.93	3/4	1,329.64	3/4	973.98	3/4	621.14	3/4	263.48	3/4		3/4			
2	2,399.78	2	2,039.95	2	1,682.42	2	1,322.14	2	966.61	2	613.81	2	255.98	2		2			
1/4	2,392.28	1/4	2,032.51	1/4	1,674.92	1/4	1,314.63	1/4	959.25	1/4	606.47	1/4	248.47	1/4		1/4			
1/2	2,384.78	1/2	2,025.07	1/2	1,667.41	1/2	1,307.12	1/2	951.89	1/2	599.13	1/2	240.96	1/2		1/2			
3/4	2,377.27	3/4	2,017.63	3/4	1,659.91	3/4	1,299.62	3/4	944.53	3/4	591.79	3/4	233.46	3/4		3/4			
3	2,369.77	3	2,010.19	3	1,652.40	3	1,292.11	3	937.16	3	584.46	3	225.95	3		3			
1/4	2,362.27	1/4	2,002.75	1/4	1,644.89	1/4	1,284.61	1/4	929.80	1/4	577.12	1/4	218.44	1/4		1/4			
1/2	2,354.77	1/2	1,995.31	1/2	1,637.39	1/2	1,277.10	1/2	922.44	1/2	569.78	1/2	210.94	1/2		1/2			
3/4	2,347.27	3/4	1,987.87	3/4	1,629.88	3/4	1,269.59	3/4	915.08	3/4	562.43	3/4	203.42	3/4		3/4			
4	2,339.77	4	1,980.43	4	1,622.38	4	1,262.09	4	907.71	4	555.08	4	195.90	4		4			
1/4	2,332.27	1/4	1,972.99	1/4	1,614.87	1/4	1,254.58	1/4	900.35	1/4	547.73	1/4	188.38	1/4		1/4			
1/2	2,324.76	1/2	1,965.55	1/2	1,607.36	1/2	1,247.08	1/2	892.99	1/2	540.38	1/2	180.87	1/2		1/2			
3/4	2,317.26	3/4	1,958.11	3/4	1,599.86	3/4	1,239.57	3/4	885.63	3/4	533.02	3/4	173.35	3/4		3/4			
5	2,309.76	5	1,950.67	5	1,592.35	5	1,232.06	5	878.26	5	525.65	5	165.83	5		5			
1/4	2,302.26	1/4	1,943.23	1/4	1,584.85	1/4	1,224.56	1/4	870.90	1/4	518.28	1/4	158.31	1/4		1/4			
1/2	2,294.76	1/2	1,935.79	1/2	1,577.34	1/2	1,217.05	1/2	863.54	1/2	510.92	1/2	150.79	1/2		1/2			
3/4	2,287.25	3/4	1,928.35	3/4	1,569.83	3/4	1,209.68	3/4	856.17	3/4	503.48	3/4	143.28	3/4		3/4			
6	2,279.75	6	1,920.90	6	1,562.33	6	1,202.31	6	848.80	6	496.04	6	135.76	6		6			
1/4	2,272.24	1/4	1,913.46	1/4	1,554.82	1/4	1,194.94	1/4	841.43	1/4	488.60	1/4	128.24	1/4		1/4			
1/2	2,264.73	1/2	1,906.02	1/2	1,547.32	1/2	1,187.57	1/2	834.06	1/2	481.16	1/2	120.72	1/2		1/2			
3/4	2,257.23	3/4	1,898.58	3/4	1,539.81	3/4	1,180.20	3/4	826.70	3/4	473.66	3/4	113.21	3/4		3/4			
7	2,249.72	7	1,891.14	7	1,532.30	7	1,172.84	7	819.33	7	466.15	7	105.69	7		7			
1/4	2,242.22	1/4	1,883.70	1/4	1,524.80	1/4	1,165.47	1/4	811.97	1/4	458.65	1/4	98.17	1/4		1/4			
1/2	2,234.71	1/2	1,876.26	1/2	1,517.29	1/2	1,158.10	1/2	804.60	1/2	451.14	1/2	90.65	1/2		1/2			
3/4	2,227.20	3/4	1,868.82	3/4	1,509.79	3/4	1,150.73	3/4	797.26	3/4	443.63	3/4	83.13	3/4		3/4			
8	2,219.70	8	1,861.38	8	1,502.28	8	1,143.36	8	789.91	8	436.13	8	75.62	8		8			
1/4	2,212.19	1/4	1,853.94	1/4	1,494.77	1/4	1,135.99	1/4	782.56	1/4	428.62	1/4	68.10	1/4		1/4			
1/2	2,204.69	1/2	1,846.50	1/2	1,487.27	1/2	1,128.62	1/2	775.21	1/2	421.11	1/2	60.58	1/2		1/2			
3/4	2,197.18	3/4	1,839.06	3/4	1,479.76	3/4	1,121.25	3/4	767.87	3/4	413.61	3/4	54.00	3/4		3/4			
9	2,189.67	9	1,831.62	9	1,472.26	9	1,113.88	9	760.54	9	406.10	9	47.42	9		9			
1/4	2,182.17	1/4	1,824.18	1/4	1,464.75	1/4	1,106.51	1/4	753.20	1/4	398.60	1/4	40.84	1/4		1/4			
1/2	2,174.66	1/2	1,816.74	1/2	1,457.24	1/2	1,099.14	1/2	745.87	1/2	391.09	1/2	34.27	1/2		1/2			
3/4	2,167.16	3/4	1,809.30	3/4	1,449.74	3/4	1,091.78	3/4	738.53	3/4	383.58	3/4	29.57	3/4		3/4			
10	2,159.65	10	1,801.86	10	1,442.23	10	1,084.42	10	731.20	10	376.08	10	24.87	10		10			
1/4	2,152.14	1/4	1,794.42	1/4	1,434.73	1/4	1,077.05	1/4	723.86	1/4	368.57	1/4	20.17	1/4		1/4			
1/2	2,144.64	1/2	1,786.98	1/2	1,427.22	1/2	1,069.69	1/2	716.53	1/2	361.06	1/2	15.47	1/2		1/2			
3/4	2,137.13	3/4	1,779.54	3/4	1,419.71	3/4	1,062.33	3/4	709.19	3/4	353.56	3/4	11	3/4		3/4			
11	2,129.63	11	1,772.10	11	1,412.21	11	1,054.97	11	701.85	11	346.05	11	11	11		11			
1/4	2,122.12	1/4	1,764.66	1/4	1,404.70	1/4	1,047.60	1/4	694.51	1/4	338.55	1/4	1/4	1/4		1/4			
1/2	2,114.61	1/2	1,757.22	1/2	1,397.20	1/2	1,040.24	1/2	687.18	1/2	331.04	1/2	1/2	1/2		1/2			
3/4	2,107.11	3/4	1,749.78	3/4	1,389.69	3/4	1,032.88	3/4	679.84	3/4	323.53	3/4	3/4	3/4		3/4			

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