



KIRBY 30026B



Barge Strapping Tables





BARGE "KIRBY 30026B"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-2/8	00-2/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
1 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-2/8	00-2/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
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	- 00-3/4	00-3/4
2 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
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	- 00-3/4	00-3/4
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	- 00-3/4	00-3/4

(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: 276'-02"

November 13, 2003

PRECISION MEASUREMENT
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BARGE "KIRBY 30026B"

1 PORT ULLAGE TABLE

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.	
N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN
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
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
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
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-08" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "KIRBY 30026B"

1 PORT ULLAGE TABLE

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	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR
0	2,655.97	0	2,269.02	0	1,882.08	0	1,495.13	0	1,108.55	0	721.78	0	334.85	0	0	0	0	0	0
1/4	2,647.91	1/4	2,260.96	1/4	1,874.02	1/4	1,487.07	1/4	1,100.51	1/4	713.71	1/4	326.79	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,639.85	1/2	2,252.90	1/2	1,865.95	1/2	1,479.01	1/2	1,092.46	1/2	705.65	1/2	318.73	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,631.79	3/4	2,244.84	3/4	1,857.89	3/4	1,470.95	3/4	1,084.42	3/4	697.59	3/4	310.66	3/4	3/4	3/4	3/4	3/4	3/4
1	2,623.73	1	2,236.78	1	1,849.83	1	1,462.88	1	1,076.37	1	689.53	1	302.60	1	1	1	1	1	1
1/4	2,615.67	1/4	2,228.72	1/4	1,841.77	1/4	1,454.82	1/4	1,068.32	1/4	681.47	1/4	294.54	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,607.60	1/2	2,220.66	1/2	1,833.71	1/2	1,446.76	1/2	1,060.28	1/2	673.41	1/2	286.48	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,599.54	3/4	2,212.60	3/4	1,825.65	3/4	1,438.70	3/4	1,052.23	3/4	665.35	3/4	278.42	3/4	3/4	3/4	3/4	3/4	3/4
2	2,591.48	2	2,204.53	2	1,817.59	2	1,430.64	2	1,044.19	2	657.29	2	270.36	2	2	2	2	2	2
1/4	2,583.42	1/4	2,196.47	1/4	1,809.53	1/4	1,422.58	1/4	1,036.14	1/4	649.23	1/4	262.30	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,575.36	1/2	2,188.41	1/2	1,801.46	1/2	1,414.52	1/2	1,028.09	1/2	641.17	1/2	254.24	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,567.30	3/4	2,180.35	3/4	1,793.40	3/4	1,406.46	3/4	1,020.03	3/4	633.10	3/4	246.18	3/4	3/4	3/4	3/4	3/4	3/4
3	2,559.24	3	2,172.29	3	1,785.34	3	1,398.39	3	1,011.97	3	625.04	3	238.12	3	3	3	3	3	3
1/4	2,551.17	1/4	2,164.23	1/4	1,777.28	1/4	1,390.33	1/4	1,003.91	1/4	616.98	1/4	230.05	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,543.11	1/2	2,156.17	1/2	1,769.22	1/2	1,382.27	1/2	995.85	1/2	608.92	1/2	221.99	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,535.05	3/4	2,148.10	3/4	1,761.16	3/4	1,374.21	3/4	987.79	3/4	600.86	3/4	213.93	3/4	3/4	3/4	3/4	3/4	3/4
4	2,526.99	4	2,140.04	4	1,753.10	4	1,366.15	4	979.73	4	592.80	4	205.87	4	4	4	4	4	4
1/4	2,518.93	1/4	2,131.98	1/4	1,745.03	1/4	1,358.09	1/4	971.67	1/4	584.74	1/4	197.81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,510.87	1/2	2,123.92	1/2	1,736.97	1/2	1,350.03	1/2	963.61	1/2	576.68	1/2	189.75	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,502.81	3/4	2,115.86	3/4	1,728.91	3/4	1,341.96	3/4	955.54	3/4	568.62	3/4	181.69	3/4	3/4	3/4	3/4	3/4	3/4
5	2,494.74	5	2,107.80	5	1,720.85	5	1,333.90	5	947.48	5	560.56	5	173.63	5	5	5	5	5	5
1/4	2,486.68	1/4	2,099.74	1/4	1,712.79	1/4	1,325.84	1/4	939.42	1/4	552.49	1/4	165.57	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,478.62	1/2	2,091.67	1/2	1,704.73	1/2	1,317.78	1/2	931.36	1/2	544.43	1/2	157.51	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,470.56	3/4	2,083.61	3/4	1,696.67	3/4	1,309.72	3/4	923.30	3/4	536.37	3/4	149.44	3/4	3/4	3/4	3/4	3/4	3/4
6	2,462.50	6	2,075.55	6	1,688.60	6	1,301.66	6	915.24	6	528.31	6	141.38	6	6	6	6	6	6
1/4	2,454.44	1/4	2,067.49	1/4	1,680.54	1/4	1,293.60	1/4	907.18	1/4	520.25	1/4	133.32	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,446.38	1/2	2,059.43	1/2	1,672.48	1/2	1,285.54	1/2	899.12	1/2	512.19	1/2	125.26	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,438.31	3/4	2,051.37	3/4	1,664.42	3/4	1,277.50	3/4	891.06	3/4	504.13	3/4	117.20	3/4	3/4	3/4	3/4	3/4	3/4
7	2,430.25	7	2,043.31	7	1,656.36	7	1,269.45	7	883.00	7	496.07	7	109.14	7	7	7	7	7	7
1/4	2,422.19	1/4	2,035.24	1/4	1,648.30	1/4	1,261.41	1/4	874.93	1/4	488.01	1/4	101.08	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,414.13	1/2	2,027.18	1/2	1,640.24	1/2	1,253.36	1/2	866.87	1/2	479.95	1/2	93.02	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,406.07	3/4	2,019.12	3/4	1,632.17	3/4	1,245.32	3/4	858.81	3/4	471.88	3/4	84.96	3/4	3/4	3/4	3/4	3/4	3/4
8	2,398.01	8	2,011.06	8	1,624.11	8	1,237.27	8	850.75	8	463.82	8	76.90	8	8	8	8	8	8
1/4	2,389.95	1/4	2,003.00	1/4	1,616.05	1/4	1,229.23	1/4	842.69	1/4	455.76	1/4	68.83	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,381.88	1/2	1,994.94	1/2	1,607.99	1/2	1,221.18	1/2	834.63	1/2	447.70	1/2	61.28	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,373.82	3/4	1,986.88	3/4	1,599.93	3/4	1,213.14	3/4	826.57	3/4	439.64	3/4	54.22	3/4	3/4	3/4	3/4	3/4	3/4
9	2,365.76	9	1,978.81	9	1,591.87	9	1,205.09	9	818.51	9	431.58	9	47.17	9	9	9	9	9	9
1/4	2,357.70	1/4	1,970.75	1/4	1,583.81	1/4	1,197.05	1/4	810.45	1/4	423.52	1/4	40.12	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,349.64	1/2	1,962.69	1/2	1,575.74	1/2	1,189.00	1/2	802.39	1/2	415.46	1/2	34.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,341.58	3/4	1,954.63	3/4	1,567.68	3/4	1,180.96	3/4	794.32	3/4	407.40	3/4	29.04	3/4	3/4	3/4	3/4	3/4	3/4
10	2,333.52	10	1,946.57	10	1,559.62	10	1,172.91	10	786.26	10	399.34	10	24.00	10	10	10	10	10	10
1/4	2,325.45	1/4	1,938.51	1/4	1,551.56	1/4	1,164.87	1/4	778.20	1/4	391.27	1/4	18.96	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,317.39	1/2	1,930.45	1/2	1,543.50	1/2	1,156.82	1/2	770.14	1/2	383.21	1/2	16.44	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,309.33	3/4	1,922.38	3/4	1,535.44	3/4	1,148.78	3/4	762.08	3/4	375.15	3/4	11.11	3/4	3/4	3/4	3/4	3/4	3/4
11	2,301.27	11	1,914.32	11	1,527.38	11	1,140.73	11	754.02	11	367.09	11	11.11	11	11	11	11	11	11
1/4	2,293.21	1/4	1,906.26	1/4	1,519.31	1/4	1,132.69	1/4	745.96	1/4	359.03	1/4	11.11	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,285.15	1/2	1,898.20	1/2	1,511.25	1/2	1,124.64	1/2	737.90	1/2	350.97	1/2	11.11	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,277.09	3/4	1,890.14	3/4	1,503.19	3/4	1,116.60	3/4	729.84	3/4	342.91	3/4	11.11	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/13/2003 CL - SW
 CALCULATED: 11/13/2003 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 11/2003

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



BARGE "KIRBY 30026B"

1 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-10 3/8"

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.	
N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	5,243.38	1/4	5,238.54	1/4	4,895.44	1/4	4,549.07	1/4	4,185.85	1/4	3,806.83	1/4	3,419.95	1/4	3,033.06	1/4	2,646.17	1/4
1/2	1/2	5,232.29	1/2	4,888.33	1/2	4,541.66	1/2	4,178.11	1/2	3,798.77	1/2	3,411.89	1/2	3,025.00	1/2	2,638.11	1/2	2,251.22	1/2
3/4	3/4	5,226.05	3/4	4,881.33	3/4	4,534.24	3/4	4,170.36	3/4	3,790.72	3/4	3,403.83	3/4	3,016.94	3/4	2,630.05	3/4	2,245.33	3/4
1	1	5,219.80	1	4,874.27	1	4,526.82	1	4,162.62	1	3,782.66	1	3,395.77	1	3,008.88	1	2,623.16	1	2,232.44	1
1 1/4	1 1/4	5,213.55	1 1/4	4,867.21	1 1/4	4,519.41	1 1/4	4,154.88	1 1/4	3,774.60	1 1/4	3,387.71	1 1/4	3,000.82	1 1/4	2,610.25	1 1/4	2,219.53	1 1/4
1 1/2	1 1/2	5,205.87	1 1/2	4,860.13	1 1/2	4,511.96	1 1/2	4,147.10	1 1/2	3,766.54	1 1/2	3,379.65	1 1/2	2,992.75	1 1/2	2,602.58	1 1/2	2,206.86	1 1/2
1 3/4	1 3/4	5,198.19	1 3/4	4,853.05	1 3/4	4,504.52	1 3/4	4,133.33	1 3/4	3,756.48	1 3/4	3,371.59	1 3/4	2,984.89	1 3/4	2,590.00	1 3/4	2,194.17	1 3/4
2	2	5,190.50	2	4,845.96	2	4,497.08	2	4,121.55	2	3,750.42	2	3,363.53	2	2,976.63	2	2,577.11	2	2,181.46	2
2 1/4	2 1/4	5,182.82	2 1/4	4,838.88	2 1/4	4,489.64	2 1/4	4,113.78	2 1/4	3,742.36	2 1/4	3,355.47	2 1/4	2,968.57	2 1/4	2,564.24	2 1/4	2,168.19	2 1/4
2 1/2	2 1/2	5,174.78	2 1/2	4,831.77	2 1/2	4,482.16	2 1/2	4,105.98	2 1/2	3,734.30	2 1/2	3,347.41	2 1/2	2,955.45	2 1/2	2,551.91	2 1/2	2,155.92	2 1/2
2 3/4	2 3/4	5,166.75	2 3/4	4,824.67	2 3/4	4,474.69	2 3/4	4,098.18	2 3/4	3,726.24	2 3/4	3,339.35	2 3/4	2,942.48	2 3/4	2,538.98	2 3/4	2,142.93	2 3/4
3	3	5,158.71	3	4,817.56	3	4,467.22	3	4,090.38	3	3,718.18	3	3,331.29	3	2,944.39	3	2,526.03	3	2,129.98	3
3 1/4	3 1/4	5,150.68	3 1/4	4,810.45	3 1/4	4,459.74	3 1/4	4,082.58	3 1/4	3,710.12	3 1/4	3,323.23	3 1/4	2,936.33	3 1/4	2,513.08	3 1/4	2,117.03	3 1/4
3 1/2	3 1/2	5,142.62	3 1/2	4,803.31	3 1/2	4,452.24	3 1/2	4,074.75	3 1/2	3,702.06	3 1/2	3,315.17	3 1/2	2,928.26	3 1/2	2,500.13	3 1/2	2,104.08	3 1/2
3 3/4	3 3/4	5,134.55	3 3/4	4,796.18	3 3/4	4,444.74	3 3/4	4,066.93	3 3/4	3,694.00	3 3/4	3,307.11	3 3/4	2,920.20	3 3/4	2,487.18	3 3/4	2,091.13	3 3/4
4	4	5,126.49	4	4,789.04	4	4,437.24	4	4,059.10	4	3,685.94	4	3,299.05	4	2,912.14	4	2,474.23	4	2,078.18	4
4 1/4	4 1/4	5,118.43	4 1/4	4,781.90	4 1/4	4,429.75	4 1/4	4,051.28	4 1/4	3,677.88	4 1/4	3,290.99	4 1/4	2,904.08	4 1/4	2,461.27	4 1/4	2,065.23	4 1/4
4 1/2	4 1/2	5,111.41	4 1/2	4,774.73	4 1/2	4,422.22	4 1/2	4,043.42	4 1/2	3,669.82	4 1/2	3,282.93	4 1/2	2,896.02	4 1/2	2,448.36	4 1/2	2,052.28	4 1/2
4 3/4	4 3/4	5,104.38	4 3/4	4,767.57	4 3/4	4,414.70	4 3/4	4,045.57	4 3/4	3,661.76	4 3/4	3,274.87	4 3/4	2,887.96	4 3/4	2,435.41	4 3/4	2,039.33	4 3/4
5	5	5,097.36	5	4,760.41	5	4,407.17	5	4,037.71	5	3,653.70	5	3,266.81	5	2,879.90	5	2,422.46	5	2,026.38	5
5 1/4	5 1/4	5,090.33	5 1/4	4,753.24	5 1/4	4,399.65	5 1/4	4,029.86	5 1/4	3,645.64	5 1/4	3,258.75	5 1/4	2,871.84	5 1/4	2,409.51	5 1/4	2,013.43	5 1/4
5 1/2	5 1/2	5,083.43	5 1/2	4,746.05	5 1/2	4,392.10	5 1/2	4,021.98	5 1/2	3,637.58	5 1/2	3,250.69	5 1/2	2,863.77	5 1/2	2,396.58	5 1/2	1,999.50	5 1/2
5 3/4	5 3/4	5,076.53	5 3/4	4,738.87	5 3/4	4,384.54	5 3/4	4,014.09	5 3/4	3,629.52	5 3/4	3,242.63	5 3/4	2,855.71	5 3/4	2,383.67	5 3/4	1,986.54	5 3/4
6	6	5,069.64	6	4,731.68	6	4,376.99	6	4,006.21	6	3,624.46	6	3,234.57	6	2,847.65	6	2,370.72	6	1,973.57	6
6 1/4	6 1/4	5,062.74	6 1/4	4,724.49	6 1/4	4,369.43	6 1/4	3,998.33	6 1/4	3,613.40	6 1/4	3,226.51	6 1/4	2,839.59	6 1/4	2,357.77	6 1/4	1,960.60	6 1/4
6 1/2	6 1/2	5,055.82	6 1/2	4,717.27	6 1/2	4,361.85	6 1/2	3,990.42	6 1/2	3,605.34	6 1/2	3,218.45	6 1/2	2,831.53	6 1/2	2,344.84	6 1/2	1,947.61	6 1/2
6 3/4	6 3/4	5,048.89	6 3/4	4,710.05	6 3/4	4,354.27	6 3/4	3,982.50	6 3/4	3,597.28	6 3/4	3,210.39	6 3/4	2,823.47	6 3/4	2,331.93	6 3/4	1,934.68	6 3/4
7	7	5,041.97	7	4,702.83	7	4,346.69	7	3,974.59	7	3,589.22	7	3,202.33	7	2,815.41	7	2,319.02	7	1,921.71	7
7 1/4	7 1/4	5,035.05	7 1/4	4,695.61	7 1/4	4,339.11	7 1/4	3,966.67	7 1/4	3,581.16	7 1/4	3,194.27	7 1/4	2,807.34	7 1/4	2,306.11	7 1/4	1,908.74	7 1/4
7 1/2	7 1/2	5,028.09	7 1/2	4,688.37	7 1/2	4,331.51	7 1/2	3,958.73	7 1/2	3,573.10	7 1/2	3,186.21	7 1/2	2,799.28	7 1/2	2,293.20	7 1/2	1,895.77	7 1/2
7 3/4	7 3/4	5,021.14	7 3/4	4,681.12	7 3/4	4,323.90	7 3/4	3,950.80	7 3/4	3,565.04	7 3/4	3,178.15	7 3/4	2,791.22	7 3/4	2,280.29	7 3/4	1,882.80	7 3/4
8	8	5,014.19	8	4,673.88	8	4,316.30	8	3,942.86	8	3,556.98	8	3,170.09	8	2,783.16	8	2,267.38	8	1,869.81	8
8 1/4	8 1/4	5,007.23	8 1/4	4,666.63	8 1/4	4,308.69	8 1/4	3,934.92	8 1/4	3,548.92	8 1/4	3,162.03	8 1/4	2,775.10	8 1/4	2,254.47	8 1/4	1,856.82	8 1/4
8 1/2	8 1/2	5,000.28	8 1/2	4,659.33	8 1/2	4,301.06	8 1/2	3,926.96	8 1/2	3,540.86	8 1/2	3,153.97	8 1/2	2,767.04	8 1/2	2,241.56	8 1/2	1,843.83	8 1/2
8 3/4	8 3/4	4,993.33	8 3/4	4,652.03	8 3/4	4,293.42	8 3/4	3,918.99	8 3/4	3,532.80	8 3/4	3,145.91	8 3/4	2,758.98	8 3/4	2,228.65	8 3/4	1,830.84	8 3/4
9	9	4,986.39	9	4,644.73	9	4,285.78	9	3,911.03	9	3,524.74	9	3,137.85	9	2,750.92	9	2,215.74	9	1,817.85	9
9 1/4	9 1/4	4,979.44	9 1/4	4,637.43	9 1/4	4,278.15	9 1/4	3,903.07	9 1/4	3,516.68	9 1/4	3,129.79	9 1/4	2,742.85	9 1/4	2,202.83	9 1/4	1,804.86	9 1/4
9 1/2	9 1/2	4,972.47	9 1/2	4,630.10	9 1/2	4,270.49	9 1/2	3,895.07	9 1/2	3,508.61	9 1/2	3,121.73	9 1/2	2,734.79	9 1/2	2,189.92	9 1/2	1,791.87	9 1/2
9 3/4	9 3/4	4,965.49	9 3/4	4,622.76	9 3/4	4,262.83	9 3/4	3,887.08	9 3/4	3,500.55	9 3/4	3,113.67	9 3/4	2,726.73	9 3/4	2,177.00	9 3/4	1,778.90	9 3/4
10	10	4,958.52	10	4,615.43	10	4,255.16	10	3,879.08	10	3,492.49	10	3,105.60	10	2,718.67	10	2,164.03	10	1,765.91	10
10 1/4	10 1/4	4,951.55	10 1/4	4,608.09	10 1/4	4,247.50	10 1/4	3,871.09	10 1/4	3,484.43	10 1/4	3,097.51	10 1/4	2,710.61	10 1/4	2,151.12	10 1/4	1,752.94	10 1/4
10 1/2	10 1/2	4,944.55	10 1/2	4,600.73	10 1/2	4,239.81	10 1/2	3,863.07	10 1/2	3,476.37	10 1/2	3,089.48	10 1/2	2,702.55	10 1/2	2,138.23	10 1/2	1,740.03	10 1/2
10 3/4	10 3/4	4,937.55	10 3/4	4,593.37	10 3/4	4,232.11	10 3/4	3,855.05	10 3/4	3,468.31	10 3/4	3,081.42	10 3/4	2,694.49	10 3/4	2,125.34	10 3/4	1,727.06	10 3/4
11	11	4,930.55	11	4,586.01	11	4,224.42	11	3,847.03	11	3,460.25	11	3,073.36	11	2,686.43	11	2,112.45	11	1,714.09	11
11 1/4	11 1/4	4,923.55	11 1/4	4,578.65	11 1/4	4,216.72	11 1/4	3,839.01	11 1/4	3,452.19	11 1/4	3,065.30	11 1/4	2,678.36	11 1/4	2,100.56	11 1/4	1,701.12	11 1/4
11 1/2	11 1/2	4,916.53	11 1/2	4,571.26	11 1/2	4,209.01	11 1/2	3,830.97	11 1/2	3,444.13	11 1/2	3,057.24	11 1/2	2,670.30	11 1/2	2,087.67	11 1/2	1,688.15	11 1/2
11 3/4	11 3/4	4,909.50	11 3/4	4,563.86	11 3/4	4,201.29	11 3/4	3,822.92	11 3/4	3,436.07	11 3/4	3,049.18	11 3/4	2,662.24	11 3/4	2,074.78	11 3/4	1,675.18	11 3/4

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 TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 30026B"

1 STBD 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.		
N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	
0	2,654.18	0	2,267.24	0	1,880.30	0	1,493.35	0	1,107.91	0	721.77	0	334.84	0	0	0	0	0	0	0	0	0
1/4	2,646.12	1/4	2,259.18	1/4	1,872.23	1/4	1,485.29	1/4	1,099.90	1/4	713.70	1/4	326.78	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,638.06	1/2	2,251.11	1/2	1,864.17	1/2	1,477.23	1/2	1,091.90	1/2	705.64	1/2	318.72	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,630.00	3/4	2,243.05	3/4	1,856.11	3/4	1,469.17	3/4	1,083.89	3/4	697.58	3/4	310.66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,621.93	1	2,234.99	1	1,848.05	1	1,461.11	1	1,075.88	1	689.52	1	302.60	1	1	1	1	1	1	1	1	1
1/4	2,613.87	1/4	2,226.93	1/4	1,839.99	1/4	1,453.05	1/4	1,067.88	1/4	681.46	1/4	294.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,605.81	1/2	2,218.87	1/2	1,831.93	1/2	1,444.98	1/2	1,059.87	1/2	673.40	1/2	286.48	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,597.75	3/4	2,210.81	3/4	1,823.87	3/4	1,436.92	3/4	1,051.86	3/4	665.34	3/4	278.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,589.69	1	2,202.75	1	1,815.80	1	1,428.86	1	1,043.86	1	657.28	1	270.36	1	1	1	1	1	1	1	1	1
1/4	2,581.63	1/4	2,194.69	1/4	1,807.74	1/4	1,420.80	1/4	1,035.85	1/4	649.22	1/4	262.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,573.57	1/2	2,186.62	1/2	1,799.68	1/2	1,412.74	1/2	1,027.83	1/2	641.16	1/2	254.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,565.51	3/4	2,178.56	3/4	1,791.62	3/4	1,404.68	3/4	1,019.80	3/4	633.10	3/4	246.17	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,557.44	1	2,170.50	1	1,783.56	1	1,396.62	1	1,011.78	1	625.03	1	238.11	1	1	1	1	1	1	1	1	1
1/4	2,549.38	1/4	2,162.44	1/4	1,775.50	1/4	1,388.56	1/4	1,003.76	1/4	616.97	1/4	230.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,541.32	1/2	2,154.38	1/2	1,767.44	1/2	1,380.49	1/2	995.73	1/2	608.91	1/2	221.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,533.26	3/4	2,146.32	3/4	1,759.38	3/4	1,372.43	3/4	987.70	3/4	600.85	3/4	213.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,525.20	1	2,138.26	1	1,751.31	1	1,364.37	1	979.67	1	592.79	1	205.87	1	1	1	1	1	1	1	1	1
1/4	2,517.14	1/4	2,130.20	1/4	1,743.25	1/4	1,356.31	1/4	971.64	1/4	584.73	1/4	197.81	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,509.08	1/2	2,122.13	1/2	1,735.19	1/2	1,348.28	1/2	963.58	1/2	576.67	1/2	189.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,501.02	3/4	2,114.07	3/4	1,727.13	3/4	1,340.24	3/4	955.52	3/4	568.61	3/4	181.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,492.95	1	2,106.01	1	1,719.07	1	1,332.20	1	947.47	1	560.55	1	173.62	1	1	1	1	1	1	1	1	1
1/4	2,484.89	1/4	2,097.95	1/4	1,711.01	1/4	1,324.17	1/4	939.41	1/4	552.49	1/4	165.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,476.83	1/2	2,089.89	1/2	1,702.95	1/2	1,316.14	1/2	931.35	1/2	544.43	1/2	157.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,468.77	3/4	2,081.83	3/4	1,694.89	3/4	1,308.12	3/4	923.29	3/4	536.36	3/4	149.44	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,460.71	1	2,073.77	1	1,686.82	1	1,300.09	1	915.23	1	528.30	1	141.38	1	1	1	1	1	1	1	1	1
1/4	2,452.65	1/4	2,065.71	1/4	1,678.76	1/4	1,292.06	1/4	907.17	1/4	520.24	1/4	133.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,444.59	1/2	2,057.64	1/2	1,670.70	1/2	1,284.06	1/2	899.11	1/2	512.18	1/2	125.26	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,436.52	3/4	2,049.58	3/4	1,662.64	3/4	1,276.05	3/4	891.04	3/4	504.12	3/4	117.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,428.46	1	2,041.52	1	1,654.58	1	1,268.04	1	882.98	1	496.06	1	109.14	1	1	1	1	1	1	1	1	1
1/4	2,420.40	1/4	2,033.46	1/4	1,646.52	1/4	1,260.03	1/4	874.92	1/4	488.00	1/4	101.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,412.34	1/2	2,025.40	1/2	1,638.46	1/2	1,252.02	1/2	866.86	1/2	479.94	1/2	93.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,404.28	3/4	2,017.34	3/4	1,630.39	3/4	1,244.02	3/4	858.80	3/4	471.88	3/4	84.95	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,396.22	1	2,009.28	1	1,622.33	1	1,236.01	1	850.74	1	463.82	1	76.89	1	1	1	1	1	1	1	1	1
1/4	2,388.16	1/4	2,001.21	1/4	1,614.27	1/4	1,228.01	1/4	842.68	1/4	455.76	1/4	68.83	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,380.10	1/2	1,993.15	1/2	1,606.21	1/2	1,220.00	1/2	834.62	1/2	447.69	1/2	61.65	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,372.03	3/4	1,985.09	3/4	1,598.15	3/4	1,211.99	3/4	826.56	3/4	439.63	3/4	54.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,363.97	1	1,977.03	1	1,590.09	1	1,203.99	1	818.50	1	431.57	1	47.30	1	1	1	1	1	1	1	1	1
1/4	2,355.91	1/4	1,968.97	1/4	1,582.03	1/4	1,195.98	1/4	810.44	1/4	423.51	1/4	40.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,347.85	1/2	1,960.91	1/2	1,573.97	1/2	1,187.97	1/2	802.37	1/2	415.45	1/2	34.83	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,339.79	3/4	1,952.85	3/4	1,565.90	3/4	1,179.97	3/4	794.31	3/4	407.39	3/4	29.54	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,331.73	1	1,944.79	1	1,557.84	1	1,171.96	1	786.25	1	399.33	1	24.25	1	1	1	1	1	1	1	1	1
1/4	2,323.67	1/4	1,936.72	1/4	1,549.78	1/4	1,163.95	1/4	778.19	1/4	391.27	1/4	18.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,315.61	1/2	1,928.66	1/2	1,541.72	1/2	1,155.95	1/2	770.13	1/2	383.21	1/2	16.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,307.54	3/4	1,920.60	3/4	1,533.66	3/4	1,147.94	3/4	762.07	3/4	375.15	3/4	11	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,299.48	1	1,912.54	1	1,525.60	1	1,139.94	1	754.01	1	367.09	1	11	1	1	1	1	1	1	1	1	1
1/4	2,291.42	1/4	1,904.48	1/4	1,517.54	1/4	1,131.93	1/4	745.95	1/4	359.03	1/4	11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,283.36	1/2	1,896.42	1/2	1,509.48	1/2	1,123.92	1/2	737.89	1/2	350.96	1/2	11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,275.30	3/4	1,888.36	3/4	1,501.41	3/4	1,115.92	3/4	729.83	3/4	342.90	3/4	11	3/4	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: 11/13/2003 CL - SW
CALCULATED: 11/13/2003 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2003

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





BARGE "KIRBY 30026B"

2 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	2,663.52	0	2,275.29	0	1,887.06	0	1,498.82	0	1,110.59	0	722.86	0	335.22	0	0	0	0	0	0	0	0	0
1/4	2,655.43	1/4	2,267.20	1/4	1,878.97	1/4	1,490.73	1/4	1,102.50	1/4	714.79	1/4	327.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,647.35	1/2	2,259.11	1/2	1,870.88	1/2	1,482.65	1/2	1,094.41	1/2	706.73	1/2	319.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,639.26	3/4	2,251.02	3/4	1,862.79	3/4	1,474.56	3/4	1,086.32	3/4	698.67	3/4	310.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,631.17	1	2,242.94	1	1,854.70	1	1,466.47	1	1,078.24	1	690.60	1	302.90	1	1	1	1	1	1	1	1	1
1 1/4	2,623.08	1 1/4	2,234.85	1 1/4	1,846.61	1 1/4	1,458.38	1 1/4	1,070.15	1 1/4	682.54	1 1/4	294.82	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,614.99	1 1/2	2,226.76	1 1/2	1,838.53	1 1/2	1,450.29	1 1/2	1,062.06	1 1/2	674.47	1 1/2	286.74	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,606.91	3/4	2,218.67	3/4	1,830.44	3/4	1,442.20	3/4	1,053.97	3/4	666.41	3/4	278.66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,598.82	2	2,210.58	2	1,822.35	2	1,434.12	2	1,045.88	2	658.35	2	270.58	2	2	2	2	2	2	2	2	2
2 1/4	2,590.73	2 1/4	2,202.50	2 1/4	1,814.26	2 1/4	1,426.03	2 1/4	1,037.79	2 1/4	650.28	2 1/4	262.51	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
1/2	2,582.64	1/2	2,194.41	1/2	1,806.17	1/2	1,417.94	1/2	1,029.71	1/2	642.22	1/2	254.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,574.55	3/4	2,186.32	3/4	1,798.09	3/4	1,409.85	3/4	1,021.62	3/4	634.14	3/4	246.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,566.46	3	2,178.23	3	1,790.00	3	1,401.76	3	1,013.53	3	626.07	3	238.27	3	3	3	3	3	3	3	3	3
4	2,558.38	4	2,170.14	4	1,781.91	4	1,393.68	4	1,005.44	4	618.00	4	230.19	4	4	4	4	4	4	4	4	4
1/4	2,550.29	1/4	2,162.05	1/4	1,773.82	1/4	1,385.59	1/4	997.37	1/4	609.92	1/4	222.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	2,542.20	3/4	2,153.97	3/4	1,765.73	3/4	1,377.50	3/4	989.27	3/4	601.84	3/4	214.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,534.11	4	2,145.88	4	1,757.64	4	1,369.41	4	981.18	4	593.76	4	205.95	4	4	4	4	4	4	4	4	4
1/4	2,526.02	1/4	2,137.79	1/4	1,749.56	1/4	1,361.32	1/4	973.09	1/4	585.69	1/4	197.87	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,517.93	1/2	2,129.70	1/2	1,741.47	1/2	1,353.23	1/2	965.00	1/2	577.61	1/2	189.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,509.85	3/4	2,121.61	3/4	1,733.38	3/4	1,345.15	3/4	956.91	3/4	569.53	3/4	181.71	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	2,501.76	5	2,113.52	5	1,725.29	5	1,337.06	5	948.82	5	561.45	5	173.63	5	5	5	5	5	5	5	5	5
1/4	2,493.67	1/4	2,105.44	1/4	1,717.20	1/4	1,328.97	1/4	940.74	1/4	553.37	1/4	165.55	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,485.58	1/2	2,097.35	1/2	1,709.11	1/2	1,320.88	1/2	932.65	1/2	545.29	1/2	157.47	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,477.49	3/4	2,089.26	3/4	1,701.03	3/4	1,312.79	3/4	924.56	3/4	537.21	3/4	149.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	2,469.41	6	2,081.17	6	1,692.94	6	1,304.70	6	916.47	6	529.13	6	141.31	6	6	6	6	6	6	6	6	6
1/4	2,461.32	1/4	2,073.08	1/4	1,684.85	1/4	1,296.62	1/4	908.38	1/4	521.05	1/4	133.23	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,453.23	1/2	2,065.00	1/2	1,676.76	1/2	1,288.53	1/2	900.30	1/2	512.97	1/2	125.15	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,445.14	3/4	2,056.91	3/4	1,668.67	3/4	1,280.44	3/4	892.22	3/4	504.89	3/4	117.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	2,437.05	7	2,048.82	7	1,660.59	7	1,272.35	7	884.15	7	496.81	7	108.99	7	7	7	7	7	7	7	7	7
1/4	2,428.96	1/4	2,040.73	1/4	1,652.50	1/4	1,264.26	1/4	876.07	1/4	488.73	1/4	100.92	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,420.88	1/2	2,032.64	1/2	1,644.41	1/2	1,256.18	1/2	868.00	1/2	480.65	1/2	92.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,412.79	3/4	2,024.55	3/4	1,636.32	3/4	1,248.09	3/4	859.94	3/4	472.57	3/4	84.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	2,404.70	8	2,016.47	8	1,628.23	8	1,240.00	8	851.88	8	464.49	8	76.68	8	8	8	8	8	8	8	8	8
1/4	2,396.61	1/4	2,008.38	1/4	1,620.14	1/4	1,231.91	1/4	843.81	1/4	456.41	1/4	68.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,388.52	1/2	2,000.29	1/2	1,612.06	1/2	1,223.82	1/2	835.75	1/2	448.33	1/2	61.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,380.44	3/4	1,992.20	3/4	1,603.97	3/4	1,215.73	3/4	827.68	3/4	440.25	3/4	53.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	2,372.35	9	1,984.11	9	1,595.88	9	1,207.65	9	819.62	9	432.17	9	46.89	9	9	9	9	9	9	9	9	9
1/4	2,364.26	1/4	1,976.03	1/4	1,587.79	1/4	1,199.56	1/4	811.56	1/4	424.10	1/4	39.82	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,356.17	1/2	1,967.94	1/2	1,579.70	1/2	1,191.47	1/2	803.49	1/2	416.02	1/2	33.76	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,348.08	3/4	1,959.85	3/4	1,571.62	3/4	1,183.38	3/4	795.43	3/4	407.94	3/4	28.72	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	2,339.99	10	1,951.76	10	1,563.53	10	1,175.29	10	787.37	10	399.86	10	23.67	10	10	10	10	10	10	10	10	10
1/4	2,331.91	1/4	1,943.67	1/4	1,555.44	1/4	1,167.21	1/4	779.30	1/4	391.78	1/4	18.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,323.82	1/2	1,935.58	1/2	1,547.35	1/2	1,159.12	1/2	771.24	1/2	383.70	1/2	16.10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,315.73	3/4	1,927.50	3/4	1,539.26	3/4	1,151.03	3/4	763.17	3/4	375.62	3/4	11	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,307.64	11	1,919.41	11	1,531.17	11	1,142.94	11	755.11	11	367.54	11	11	11	11	11	11	11	11	11	11	11
1/4	2,299.55	1/4	1,911.32	1/4	1,523.09	1/4	1,134.85	1/4	747.05	1/4	359.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,291.47	1/2	1,903.23	1/2	1,515.00	1/2	1,126.76	1/2	738.98	1/2	351.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,283.38	3/4	1,895.14	3/4	1,506.91	3/4	1,118.68	3/4	730.92	3/4	343.30	3/4	1/4	3/4	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: 11/13/2003 CL - SW
CALCULATED: 11/13/2003 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2003

PRECISION MEASUREMENT
& ANALYSIS, INC.
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http://www.pmaacorp.net



BARGE "KIRBY 30026B"

2 STBD 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.	
N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN
0	2,645.71	0	1,868.67	0	1,480.15	0	1,094.38	0	718.31	0	336.18	0	0	0	0	0	0	0	0	0	0
1/4	2,637.62	1/4	1,860.58	1/4	1,472.06	1/4	1,086.41	1/4	710.55	1/4	328.08	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	2,629.53	1/2	1,852.48	1/2	1,463.96	1/2	1,078.44	1/2	702.79	1/2	319.99	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	2,621.43	3/4	1,844.39	3/4	1,455.87	3/4	1,070.47	3/4	695.04	3/4	311.90	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
1	2,613.34	1	1,836.29	1	1,447.77	1	1,062.50	1	687.28	1	303.80	1	0	1	0	1	0	1	0	1	0
1 1/4	2,605.24	1 1/4	1,828.20	1 1/4	1,439.68	1 1/4	1,054.52	1 1/4	679.52	1 1/4	295.71	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	2,597.15	1 1/2	1,820.11	1 1/2	1,431.58	1 1/2	1,046.55	1 1/2	671.76	1 1/2	287.62	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	2,589.05	3/4	1,812.01	3/4	1,423.49	3/4	1,038.58	3/4	664.00	3/4	279.52	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
2	2,580.96	2	1,803.92	2	1,415.40	2	1,030.61	2	656.25	2	271.43	2	0	2	0	2	0	2	0	2	0
2 1/4	2,572.87	2 1/4	1,795.82	2 1/4	1,407.30	2 1/4	1,022.64	2 1/4	648.49	2 1/4	263.34	2 1/4	0	2 1/4	0	2 1/4	0	2 1/4	0	2 1/4	0
1 1/2	2,564.77	1 1/2	1,787.73	1 1/2	1,399.21	1 1/2	1,014.67	1 1/2	640.72	1 1/2	255.24	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	2,556.68	3/4	1,779.63	3/4	1,391.11	3/4	1,006.69	3/4	632.95	3/4	247.15	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
3	2,548.58	3	1,771.54	3	1,383.02	3	998.72	3	625.19	3	239.06	3	0	3	0	3	0	3	0	3	0
1 1/4	2,540.49	1 1/4	1,763.45	1 1/4	1,374.92	1 1/4	990.75	1 1/4	617.42	1 1/4	230.96	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	2,532.40	1 1/2	1,755.35	1 1/2	1,366.83	1 1/2	982.78	1 1/2	609.64	1 1/2	222.87	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	2,524.30	3/4	1,747.26	3/4	1,358.74	3/4	974.81	3/4	601.86	3/4	214.78	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
4	2,516.21	4	1,739.16	4	1,350.64	4	966.84	4	594.08	4	206.69	4	0	4	0	4	0	4	0	4	0
1 1/4	2,508.11	1 1/4	1,731.07	1 1/4	1,342.55	1 1/4	958.86	1 1/4	586.30	1 1/4	198.59	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	2,500.02	1 1/2	1,722.98	1 1/2	1,334.45	1 1/2	951.03	1 1/2	578.58	1 1/2	190.50	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	2,491.92	3/4	1,714.88	3/4	1,326.36	3/4	943.19	3/4	570.46	3/4	182.41	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
5	2,483.83	5	1,706.79	5	1,318.27	5	935.35	5	562.54	5	174.31	5	0	5	0	5	0	5	0	5	0
1 1/4	2,475.74	1 1/4	1,698.69	1 1/4	1,310.17	1 1/4	927.51	1 1/4	554.62	1 1/4	166.22	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	2,467.64	1 1/2	1,690.60	1 1/2	1,302.08	1 1/2	919.83	1 1/2	546.55	1 1/2	158.13	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	2,459.55	3/4	1,682.50	3/4	1,293.98	3/4	912.15	3/4	538.47	3/4	150.03	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
6	2,451.45	6	1,674.41	6	1,285.89	6	904.47	6	530.40	6	141.94	6	0	6	0	6	0	6	0	6	0
1 1/4	2,443.36	1 1/4	1,666.32	1 1/4	1,277.79	1 1/4	896.78	1 1/4	522.32	1 1/4	133.85	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	2,435.27	1 1/2	1,658.22	1 1/2	1,269.81	1 1/2	889.03	1 1/2	514.23	1 1/2	125.75	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	2,427.17	3/4	1,650.13	3/4	1,261.82	3/4	881.27	3/4	506.14	3/4	117.66	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
7	2,419.08	7	1,642.03	7	1,253.83	7	873.51	7	498.04	7	109.57	7	0	7	0	7	0	7	0	7	0
1 1/4	2,410.98	1 1/4	1,633.94	1 1/4	1,245.85	1 1/4	865.76	1 1/4	489.95	1 1/4	101.47	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	2,402.89	1 1/2	1,625.85	1 1/2	1,237.87	1 1/2	858.00	1 1/2	481.86	1 1/2	93.38	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	2,394.79	3/4	1,617.75	3/4	1,229.90	3/4	850.23	3/4	473.76	3/4	85.29	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
8	2,386.70	8	1,609.66	8	1,221.93	8	842.47	8	465.67	8	77.19	8	0	8	0	8	0	8	0	8	0
1 1/4	2,378.61	1 1/4	1,601.56	1 1/4	1,213.96	1 1/4	834.71	1 1/4	457.58	1 1/4	69.10	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	2,370.51	1 1/2	1,593.47	1 1/2	1,205.99	1 1/2	826.95	1 1/2	449.48	1 1/2	61.89	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	2,362.42	3/4	1,585.37	3/4	1,198.02	3/4	819.19	3/4	441.39	3/4	54.68	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
9	2,354.32	9	1,577.28	9	1,190.04	9	811.43	9	433.30	9	47.47	9	0	9	0	9	0	9	0	9	0
1 1/4	2,346.23	1 1/4	1,569.19	1 1/4	1,182.07	1 1/4	803.67	1 1/4	425.20	1 1/4	40.27	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	2,338.13	1 1/2	1,561.09	1 1/2	1,174.10	1 1/2	795.91	1 1/2	417.11	1 1/2	34.95	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	2,330.04	3/4	1,553.00	3/4	1,166.13	3/4	788.15	3/4	409.02	3/4	29.65	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
10	2,321.95	10	1,544.90	10	1,158.16	10	780.39	10	400.92	10	24.33	10	0	10	0	10	0	10	0	10	0
1 1/4	2,313.85	1 1/4	1,536.81	1 1/4	1,150.18	1 1/4	772.63	1 1/4	392.83	1 1/4	19.02	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	2,305.76	1 1/2	1,528.71	1 1/2	1,142.21	1 1/2	764.87	1 1/2	384.74	1 1/2	16.49	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	2,297.66	3/4	1,520.62	3/4	1,134.24	3/4	757.11	3/4	376.64	3/4	11.11	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
11	2,289.57	11	1,512.53	11	1,126.27	11	749.35	11	368.55	11	6.85	11	0	11	0	11	0	11	0	11	0
1 1/4	2,281.48	1 1/4	1,504.43	1 1/4	1,118.30	1 1/4	741.59	1 1/4	360.46	1 1/4	2.60	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0	1 1/4	0
1 1/2	2,273.38	1 1/2	1,496.34	1 1/2	1,110.33	1 1/2	733.83	1 1/2	352.36	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0	1 1/2	0
3/4	2,265.29	3/4	1,488.24	3/4	1,102.35	3/4	726.07	3/4	344.27	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 1/13/2003 CL - SW
CALCULATED: 1/13/2003 CL

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3 PORT ULLAGE TABLE

GAUGE HEIGHT 16'-10 3/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN
0	2,675.68	0	2,285.84	0	1,896.00	0	1,506.17	0	1,116.59	0	727.30	0	337.48	0	0	0	0	0	0
1/4	2,667.56	1/4	2,277.72	1/4	1,887.88	1/4	1,498.05	1/4	1,108.50	1/4	719.18	1/4	329.35	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,659.43	1/2	2,269.60	1/2	1,879.76	1/2	1,489.92	1/2	1,100.40	1/2	711.06	1/2	321.23	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,651.31	3/4	2,261.48	3/4	1,871.64	3/4	1,481.80	3/4	1,092.31	3/4	702.94	3/4	313.11	3/4	3/4	3/4	3/4	3/4	3/4
1	2,643.19	1	2,253.35	1	1,863.52	1	1,473.68	1	1,084.21	1	694.82	1	304.99	1	1	1	1	1	1
1/4	2,635.07	1/4	2,245.23	1/4	1,855.40	1/4	1,465.56	1/4	1,076.11	1/4	686.70	1/4	296.87	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,626.95	1/2	2,237.11	1/2	1,847.27	1/2	1,457.44	1/2	1,068.02	1/2	678.57	1/2	288.75	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,618.83	3/4	2,228.99	3/4	1,839.15	3/4	1,449.32	3/4	1,059.92	3/4	670.45	3/4	280.63	3/4	3/4	3/4	3/4	3/4	3/4
2	2,610.71	2	2,220.87	2	1,831.03	2	1,441.19	2	1,051.82	2	662.33	2	272.50	2	2	2	2	2	2
1/4	2,602.58	1/4	2,212.75	1/4	1,822.91	1/4	1,433.07	1/4	1,043.73	1/4	654.21	1/4	264.38	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,594.46	1/2	2,204.63	1/2	1,814.79	1/2	1,424.95	1/2	1,035.63	1/2	646.09	1/2	256.26	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,586.34	3/4	2,196.50	3/4	1,806.67	3/4	1,416.83	3/4	1,027.53	3/4	637.97	3/4	248.14	3/4	3/4	3/4	3/4	3/4	3/4
3	2,578.22	3	2,188.38	3	1,798.55	3	1,408.71	3	1,019.44	3	629.85	3	240.02	3	3	3	3	3	3
1/4	2,570.10	1/4	2,180.26	1/4	1,790.42	1/4	1,400.59	1/4	1,011.34	1/4	621.72	1/4	231.90	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,561.98	1/2	2,172.14	1/2	1,782.30	1/2	1,392.47	1/2	1,003.25	1/2	613.60	1/2	223.78	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,553.85	3/4	2,164.02	3/4	1,774.18	3/4	1,384.34	3/4	995.15	3/4	605.48	3/4	215.65	3/4	3/4	3/4	3/4	3/4	3/4
4	2,545.73	4	2,155.90	4	1,766.06	4	1,376.22	4	987.05	4	597.36	4	207.53	4	4	4	4	4	4
1/4	2,537.61	1/4	2,147.77	1/4	1,757.94	1/4	1,368.10	1/4	978.96	1/4	589.24	1/4	199.41	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,529.49	1/2	2,139.65	1/2	1,749.82	1/2	1,359.98	1/2	970.86	1/2	581.12	1/2	191.29	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,521.37	3/4	2,131.53	3/4	1,741.69	3/4	1,351.86	3/4	962.76	3/4	573.00	3/4	183.17	3/4	3/4	3/4	3/4	3/4	3/4
5	2,513.25	5	2,123.41	5	1,733.57	5	1,343.74	5	954.67	5	564.87	5	175.05	5	5	5	5	5	5
1/4	2,505.12	1/4	2,115.29	1/4	1,725.45	1/4	1,335.61	1/4	946.57	1/4	556.75	1/4	166.93	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,497.00	1/2	2,107.17	1/2	1,717.33	1/2	1,327.49	1/2	938.46	1/2	548.63	1/2	158.80	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,488.88	3/4	2,099.04	3/4	1,709.21	3/4	1,319.37	3/4	930.34	3/4	540.51	3/4	150.68	3/4	3/4	3/4	3/4	3/4	3/4
6	2,480.76	6	2,090.92	6	1,701.09	6	1,311.25	6	922.22	6	532.39	6	142.56	6	6	6	6	6	6
1/4	2,472.64	1/4	2,082.80	1/4	1,692.96	1/4	1,303.13	1/4	914.09	1/4	524.27	1/4	134.44	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,464.52	1/2	2,074.68	1/2	1,684.84	1/2	1,295.01	1/2	905.97	1/2	516.15	1/2	126.32	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,456.39	3/4	2,066.56	3/4	1,676.72	3/4	1,286.88	3/4	897.85	3/4	508.02	3/4	118.20	3/4	3/4	3/4	3/4	3/4	3/4
7	2,448.27	7	2,058.44	7	1,668.60	7	1,278.76	7	889.73	7	499.90	7	110.08	7	7	7	7	7	7
1/4	2,440.15	1/4	2,050.31	1/4	1,660.48	1/4	1,270.64	1/4	881.61	1/4	491.78	1/4	101.95	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,432.03	1/2	2,042.19	1/2	1,652.36	1/2	1,262.52	1/2	873.49	1/2	483.66	1/2	93.83	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,423.91	3/4	2,034.07	3/4	1,644.23	3/4	1,254.40	3/4	865.37	3/4	475.54	3/4	85.71	3/4	3/4	3/4	3/4	3/4	3/4
8	2,415.79	8	2,025.95	8	1,636.11	8	1,246.28	8	857.24	8	467.42	8	77.59	8	8	8	8	8	8
1/4	2,407.67	1/4	2,017.83	1/4	1,627.99	1/4	1,238.15	1/4	849.12	1/4	459.30	1/4	69.47	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,399.54	1/2	2,009.71	1/2	1,619.87	1/2	1,230.03	1/2	841.00	1/2	451.17	1/2	61.36	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,391.42	3/4	2,001.59	3/4	1,611.75	3/4	1,221.91	3/4	832.88	3/4	443.05	3/4	54.75	3/4	3/4	3/4	3/4	3/4	3/4
9	2,383.30	9	1,993.46	9	1,603.63	9	1,213.79	9	824.76	9	434.93	9	47.64	9	9	9	9	9	9
1/4	2,375.18	1/4	1,985.34	1/4	1,595.51	1/4	1,205.67	1/4	816.64	1/4	426.81	1/4	40.54	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,367.06	1/2	1,977.22	1/2	1,587.38	1/2	1,197.56	1/2	808.52	1/2	418.69	1/2	34.45	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,358.94	3/4	1,969.10	3/4	1,579.26	3/4	1,189.46	3/4	800.39	3/4	410.57	3/4	29.37	3/4	3/4	3/4	3/4	3/4	3/4
10	2,350.81	10	1,960.98	10	1,571.14	10	1,181.37	10	792.27	10	402.45	10	24.30	10	10	10	10	10	10
1/4	2,342.69	1/4	1,952.86	1/4	1,563.02	1/4	1,173.27	1/4	784.15	1/4	394.32	1/4	19.22	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,334.57	1/2	1,944.73	1/2	1,554.90	1/2	1,165.17	1/2	776.03	1/2	386.20	1/2	16.68	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,326.45	3/4	1,936.61	3/4	1,546.78	3/4	1,157.08	3/4	767.91	3/4	378.08	3/4	14.14	3/4	3/4	3/4	3/4	3/4	3/4
11	2,318.33	11	1,928.49	11	1,538.65	11	1,148.98	11	759.79	11	369.96	11	11.11	11	11	11	11	11	11
1/4	2,310.21	1/4	1,920.37	1/4	1,530.53	1/4	1,140.88	1/4	751.67	1/4	361.84	1/4	8.57	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,302.08	1/2	1,912.25	1/2	1,522.41	1/2	1,132.79	1/2	743.55	1/2	353.72	1/2	6.03	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,293.96	3/4	1,904.13	3/4	1,514.29	3/4	1,124.69	3/4	735.42	3/4	345.60	3/4	3.49	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/13/2003 CL - SW
CALCULATED: 11/13/2003 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2003

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



BARGE "KIRBY 30026B"

3 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-10 3/8"

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	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W		
0	0	0	5,020.60	0	4,727.90	0	4,429.21	0	4,115.66	0	3,788.47	0	3,414.65	0	3,025.87	0	2,614.55	0	2,174.55	0	1,714.55
1/4	1/4	1/4	5,016.88	1/4	4,724.18	1/4	4,425.52	1/4	4,112.07	1/4	3,784.88	1/4	3,411.06	1/4	3,022.28	1/4	2,610.16	1/4	2,169.16	1/4	1,709.16
1/2	1/2	1/2	5,012.35	1/2	4,719.65	1/2	4,420.99	1/2	4,107.54	1/2	3,780.35	1/2	3,406.54	1/2	3,017.77	1/2	2,605.63	1/2	2,164.63	1/2	1,702.16
3/4	3/4	3/4	5,007.81	3/4	4,715.11	3/4	4,417.45	3/4	4,099.00	3/4	3,775.61	3/4	3,399.99	3/4	3,009.67	3/4	2,598.76	3/4	2,157.76	3/4	1,699.16
1	1	1	5,003.27	1	4,710.56	1	4,413.79	1	4,095.34	1	4,088.92	1	3,763.63	1	3,382.24	1	2,993.46	1	2,582.24	1	2,132.24
1/4	1/4	1/4	4,998.74	1/4	4,697.03	1/4	4,397.18	1/4	4,092.23	1/4	3,774.14	1/4	3,400.00	1/4	3,011.61	1/4	2,600.00	1/4	2,188.00	1/4	1,726.00
1/2	1/2	1/2	4,994.21	1/2	4,695.50	1/2	4,395.65	1/2	4,090.70	1/2	3,769.61	1/2	3,395.47	1/2	2,983.88	1/2	2,572.28	1/2	2,160.28	1/2	1,700.28
3/4	3/4	3/4	4,989.68	3/4	4,687.97	3/4	4,388.12	3/4	4,083.17	3/4	3,764.08	3/4	3,390.94	3/4	2,975.35	3/4	2,563.75	3/4	2,148.75	3/4	1,688.75
1	1	1	4,985.14	1	4,683.43	1	4,383.58	1	4,078.63	1	3,758.54	1	3,384.40	1	2,969.81	1	2,558.21	1	2,137.21	1	1,677.21
1/4	1/4	1/4	4,980.61	1/4	4,678.90	1/4	4,379.05	1/4	4,074.10	1/4	3,753.01	1/4	3,378.87	1/4	2,964.28	1/4	2,552.68	1/4	2,126.68	1/4	1,666.68
1/2	1/2	1/2	4,976.07	1/2	4,674.36	1/2	4,379.51	1/2	4,074.56	1/2	3,753.46	1/2	3,379.32	1/2	2,964.79	1/2	2,553.19	1/2	2,127.19	1/2	1,667.19
3/4	3/4	3/4	4,971.54	3/4	4,669.83	3/4	4,379.96	3/4	4,075.01	3/4	3,753.91	3/4	3,379.77	3/4	2,965.12	3/4	2,553.69	3/4	2,127.69	3/4	1,667.69
1	1	1	4,967.00	1	4,665.29	1	4,379.41	1	4,075.46	1	3,754.36	1	3,380.22	1	2,965.57	1	2,554.16	1	2,128.16	1	1,668.16
1/4	1/4	1/4	4,962.47	1/4	4,660.76	1/4	4,379.86	1/4	4,075.91	1/4	3,754.81	1/4	3,380.67	1/4	2,966.02	1/4	2,554.61	1/4	2,128.61	1/4	1,668.61
1/2	1/2	1/2	4,957.93	1/2	4,656.22	1/2	4,379.31	1/2	4,076.36	1/2	3,755.26	1/2	3,381.12	1/2	2,966.47	1/2	2,555.06	1/2	2,129.06	1/2	1,669.06
3/4	3/4	3/4	4,953.40	3/4	4,651.69	3/4	4,379.76	3/4	4,076.81	3/4	3,755.71	3/4	3,381.57	3/4	2,966.92	3/4	2,555.51	3/4	2,129.51	3/4	1,669.51
1	1	1	4,948.86	1	4,647.15	1	4,379.21	1	4,077.26	1	3,756.16	1	3,382.02	1	2,967.37	1	2,556.02	1	2,130.02	1	1,670.02
1/4	1/4	1/4	4,944.33	1/4	4,642.62	1/4	4,379.66	1/4	4,077.71	1/4	3,756.61	1/4	3,382.47	1/4	2,967.82	1/4	2,556.47	1/4	2,130.47	1/4	1,670.47
1/2	1/2	1/2	4,939.79	1/2	4,638.08	1/2	4,379.11	1/2	4,078.16	1/2	3,757.06	1/2	3,382.92	1/2	2,968.27	1/2	2,556.92	1/2	2,130.92	1/2	1,670.92
3/4	3/4	3/4	4,935.26	3/4	4,633.53	3/4	4,379.56	3/4	4,078.61	3/4	3,757.51	3/4	3,383.37	3/4	2,968.72	3/4	2,557.37	3/4	2,131.37	3/4	1,671.37
1	1	1	4,930.72	1	4,628.98	1	4,379.01	1	4,079.06	1	3,757.96	1	3,383.82	1	2,969.17	1	2,557.82	1	2,131.82	1	1,671.82
1/4	1/4	1/4	4,926.19	1/4	4,624.43	1/4	4,379.46	1/4	4,079.51	1/4	3,758.41	1/4	3,384.27	1/4	2,969.62	1/4	2,558.27	1/4	2,132.27	1/4	1,672.27
1/2	1/2	1/2	4,921.65	1/2	4,619.88	1/2	4,379.91	1/2	4,080.06	1/2	3,758.86	1/2	3,384.72	1/2	2,970.07	1/2	2,558.72	1/2	2,132.72	1/2	1,672.72
3/4	3/4	3/4	4,917.12	3/4	4,615.33	3/4	4,380.36	3/4	4,080.51	3/4	3,759.31	3/4	3,385.17	3/4	2,970.52	3/4	2,559.17	3/4	2,133.17	3/4	1,673.17
1	1	1	4,912.58	1	4,610.78	1	4,380.81	1	4,081.06	1	3,759.76	1	3,385.62	1	2,970.97	1	2,559.62	1	2,133.62	1	1,673.62
1/4	1/4	1/4	4,908.05	1/4	4,606.23	1/4	4,381.26	1/4	4,081.51	1/4	3,760.21	1/4	3,386.07	1/4	2,971.42	1/4	2,560.07	1/4	2,134.07	1/4	1,674.07
1/2	1/2	1/2	4,903.51	1/2	4,601.68	1/2	4,381.71	1/2	4,082.06	1/2	3,760.66	1/2	3,386.52	1/2	2,971.87	1/2	2,560.52	1/2	2,134.52	1/2	1,674.52
3/4	3/4	3/4	4,898.97	3/4	4,597.13	3/4	4,382.16	3/4	4,082.51	3/4	3,761.11	3/4	3,386.97	3/4	2,972.32	3/4	2,560.97	3/4	2,134.97	3/4	1,674.97
1	1	1	4,894.43	1	4,592.58	1	4,382.61	1	4,083.06	1	3,761.56	1	3,387.42	1	2,972.77	1	2,561.42	1	2,135.42	1	1,675.42
1/4	1/4	1/4	4,889.89	1/4	4,588.03	1/4	4,383.06	1/4	4,083.51	1/4	3,762.01	1/4	3,387.87	1/4	2,973.22	1/4	2,561.87	1/4	2,135.87	1/4	1,675.87
1/2	1/2	1/2	4,885.35	1/2	4,583.48	1/2	4,383.51	1/2	4,084.06	1/2	3,762.46	1/2	3,388.32	1/2	2,973.67	1/2	2,562.32	1/2	2,136.32	1/2	1,676.32
3/4	3/4	3/4	4,880.81	3/4	4,578.93	3/4	4,383.96	3/4	4,084.51	3/4	3,762.91	3/4	3,388.77	3/4	2,974.12	3/4	2,562.77	3/4	2,136.77	3/4	1,676.77
1	1	1	4,876.27	1	4,574.38	1	4,384.41	1	4,085.06	1	3,763.36	1	3,389.22	1	2,974.57	1	2,563.22	1	2,137.22	1	1,677.22
1/4	1/4	1/4	4,871.73	1/4	4,569.83	1/4	4,384.86	1/4	4,085.51	1/4	3,763.81	1/4	3,389.67	1/4	2,975.02	1/4	2,563.67	1/4	2,137.67	1/4	1,677.67
1/2	1/2	1/2	4,867.19	1/2	4,565.28	1/2	4,385.31	1/2	4,086.06	1/2	3,764.26	1/2	3,390.12	1/2	2,975.47	1/2	2,564.12	1/2	2,138.12	1/2	1,678.12
3/4	3/4	3/4	4,862.65	3/4	4,560.73	3/4	4,385.76	3/4	4,086.51	3/4	3,764.71	3/4	3,390.57	3/4	2,975.87	3/4	2,564.57	3/4	2,138.57	3/4	1,678.57
1	1	1	4,858.11	1	4,556.18	1	4,386.21	1	4,087.06	1	3,765.16	1	3,391.02	1	2,976.32	1	2,565.02	1	2,139.02	1	1,679.02
1/4	1/4	1/4	4,853.57	1/4	4,551.63	1/4	4,386.66	1/4	4,087.51	1/4	3,765.61	1/4	3,391.47	1/4	2,976.77	1/4	2,565.47	1/4	2,139.47	1/4	1,679.47
1/2	1/2	1/2	4,849.03	1/2	4,547.08	1/2	4,387.11	1/2	4,088.06	1/2	3,766.06	1/2	3,391.92	1/2	2,977.22	1/2	2,565.92	1/2	2,139.92	1/2	1,679.92
3/4	3/4	3/4	4,844.49	3/4	4,542.53	3/4	4,387.56	3/4	4,088.51	3/4	3,766.51	3/4	3,392.37	3/4	2,977.67	3/4	2,566.37	3/4	2,140.37	3/4	1,680.37
1	1	1	4,839.95	1	4,537.98	1	4,388.01	1	4,089.06	1	3,766.96	1	3,392.82	1	2,978.12	1	2,566.82	1	2,140.82	1	1,680.82
1/4	1/4	1/4	4,835.41	1/4	4,533.43	1/4	4,388.46	1/4	4,089.51	1/4	3,767.41	1/4	3,393.27	1/4	2,978.57	1/4	2,567.27	1/4	2,141.27	1/4	1,681.27
1/2	1/2	1/2	4,830.87	1/2	4,528.88	1/2	4,388.91	1/2	4,090.06	1/2	3,767.86	1/2	3,393.72	1/2	2,979.02	1/2	2,567.72	1/2	2,141.72	1/2	1,681.72
3/4	3/4	3/4	4,826.33	3/4	4,524.33	3/4	4,389.36	3/4	4,090.51	3/4	3,768.31	3/4	3,394.17	3/4	2,979.47	3/4	2,568.17	3/4	2,142.17	3/4	1,682.17
1	1	1	4,821.79	1	4,519.78	1	4,389.81	1	4,091.06	1	3,768.76	1	3,394.62	1	2,979.92	1	2,568.62	1	2,142.62	1	1,682.62
1/4	1/4	1/4	4,817.25	1/4	4,515.23	1/4	4,390.26	1/4	4,091.51	1/4	3,769.21	1/4	3,395.07	1/4	2,980.37	1/4	2,569.07	1/4	2,143.07	1/4	1,683.07
1/2	1/2	1/2	4,812.71	1/2	4,510.68	1/2	4,390.71	1/2	4,092.06	1/2	3,769.66	1/2	3,395.52	1/2	2,980.82	1/2	2,569.52	1/2	2,143.52	1/2	1,683.52
3/4	3/4	3/4	4,808.17	3/4	4,506.13	3/4	4,391.16	3/4	4,092.51	3/4	3										



BARGE "KIRBY 30026B"

3 STBD ULLAGE TABLE

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	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N
0	0	2,248.26	0	1,864.74	0	1,476.04	0	1,097.11	0	722.48	0	337.15	0						
1/4	1/4	2,240.16	1/4	1,856.75	1/4	1,467.93	1/4	1,089.43	1/4	714.55	1/4	329.04	1/4					1/4	1/4
1/2	1/2	2,232.11	1/2	1,848.71	1/2	1,459.83	1/2	1,081.75	1/2	706.61	1/2	320.94	1/2					1/2	1/2
3/4	3/4	2,224.13	3/4	1,840.61	3/4	1,451.73	3/4	1,074.07	3/4	698.67	3/4	312.83	3/4					3/4	3/4
1	1	2,216.14	1	1,832.51	1	1,443.63	1	1,066.39	1	690.74	1	304.73	1					1	1
1/4	1/4	2,208.16	1/4	1,824.40	1/4	1,435.53	1/4	1,058.71	1/4	682.80	1/4	296.62	1/4					1/4	1/4
1/2	1/2	2,200.17	1/2	1,816.30	1/2	1,427.43	1/2	1,051.03	1/2	674.87	1/2	288.51	1/2					1/2	1/2
3/4	3/4	2,192.18	3/4	1,808.20	3/4	1,419.32	3/4	1,043.35	3/4	666.93	3/4	280.41	3/4					3/4	3/4
2	2	2,184.20	2	1,800.10	2	1,411.22	2	1,035.67	2	658.99	2	272.30	2					2	2
1/4	1/4	2,176.21	1/4	1,792.00	1/4	1,403.12	1/4	1,027.99	1/4	651.06	1/4	264.20	1/4					1/4	1/4
1/2	1/2	2,168.22	1/2	1,783.90	1/2	1,395.02	1/2	1,020.31	1/2	643.12	1/2	256.09	1/2					1/2	1/2
3/4	3/4	2,160.24	3/4	1,775.79	3/4	1,386.92	3/4	1,012.63	3/4	635.18	3/4	247.99	3/4					3/4	3/4
3	3	2,152.25	3	1,767.69	3	1,378.82	3	1,004.95	3	627.25	3	239.88	3					3	3
1/4	1/4	2,144.26	1/4	1,759.59	1/4	1,370.71	1/4	997.27	1/4	619.31	1/4	199.31	1/4					1/4	1/4
1/2	1/2	2,136.28	1/2	1,751.49	1/2	1,362.61	1/2	989.59	1/2	611.37	1/2	191.19	1/2					1/2	1/2
3/4	3/4	2,128.29	3/4	1,743.39	3/4	1,354.51	3/4	981.90	3/4	603.42	3/4	183.08	3/4					3/4	3/4
4	4	2,120.31	4	1,735.29	4	1,346.41	4	974.22	4	595.47	4	207.43	4					4	4
1/4	1/4	2,112.32	1/4	1,727.19	1/4	1,338.31	1/4	966.54	1/4	587.52	1/4	199.31	1/4					1/4	1/4
1/2	1/2	2,104.33	1/2	1,719.08	1/2	1,330.21	1/2	958.85	1/2	579.56	1/2	191.19	1/2					1/2	1/2
3/4	3/4	2,096.35	3/4	1,710.98	3/4	1,322.11	3/4	951.17	3/4	571.59	3/4	183.08	3/4					3/4	3/4
5	5	2,088.36	5	1,702.88	5	1,314.00	5	943.49	5	563.63	5	174.96	5					5	5
1/4	1/4	2,080.37	1/4	1,694.78	1/4	1,305.90	1/4	935.80	1/4	555.66	1/4	166.84	1/4					1/4	1/4
1/2	1/2	2,072.39	1/2	1,686.68	1/2	1,297.87	1/2	928.12	1/2	547.66	1/2	158.72	1/2					1/2	1/2
3/4	3/4	2,064.40	3/4	1,678.58	3/4	1,289.90	3/4	920.43	3/4	539.62	3/4	150.61	3/4					3/4	3/4
6	6	2,056.41	6	1,670.47	6	1,281.94	6	912.74	6	531.58	6	142.49	6					6	6
1/4	1/4	2,048.43	1/4	1,662.37	1/4	1,273.97	1/4	905.05	1/4	523.55	1/4	134.37	1/4					1/4	1/4
1/2	1/2	2,040.44	1/2	1,654.27	1/2	1,266.15	1/2	897.22	1/2	515.47	1/2	126.25	1/2					1/2	1/2
3/4	3/4	2,032.45	3/4	1,646.17	3/4	1,258.46	3/4	889.26	3/4	507.37	3/4	118.14	3/4					3/4	3/4
7	7	2,024.47	7	1,638.07	7	1,250.77	7	881.29	7	499.26	7	110.02	7					7	7
1/4	1/4	2,016.48	1/4	1,629.97	1/4	1,243.09	1/4	873.33	1/4	491.16	1/4	101.90	1/4					1/4	1/4
1/2	1/2	2,008.50	1/2	1,621.86	1/2	1,235.40	1/2	865.37	1/2	483.05	1/2	93.78	1/2					1/2	1/2
3/4	3/4	2,000.51	3/4	1,613.76	3/4	1,227.71	3/4	857.42	3/4	474.95	3/4	85.67	3/4					3/4	3/4
8	8	1,992.52	8	1,605.66	8	1,220.03	8	849.47	8	466.84	8	77.55	8					8	8
1/4	1/4	1,984.54	1/4	1,597.56	1/4	1,212.34	1/4	841.53	1/4	458.73	1/4	69.43	1/4					1/4	1/4
1/2	1/2	1,976.55	1/2	1,589.46	1/2	1,204.65	1/2	833.59	1/2	450.63	1/2	61.82	1/2					1/2	1/2
3/4	3/4	1,968.56	3/4	1,581.36	3/4	1,196.97	3/4	825.65	3/4	442.52	3/4	54.72	3/4					3/4	3/4
9	9	1,960.58	9	1,573.25	9	1,189.28	9	817.71	9	434.42	9	47.62	9					9	9
1/4	1/4	1,952.59	1/4	1,565.15	1/4	1,181.59	1/4	809.78	1/4	426.31	1/4	40.52	1/4					1/4	1/4
1/2	1/2	1,944.60	1/2	1,557.05	1/2	1,173.91	1/2	801.84	1/2	418.21	1/2	34.43	1/2					1/2	1/2
3/4	3/4	1,936.62	3/4	1,548.95	3/4	1,166.23	3/4	793.91	3/4	410.10	3/4	29.36	3/4					3/4	3/4
10	10	1,928.63	10	1,540.85	10	1,158.55	10	785.97	10	401.99	10	24.28	10					10	10
1/4	1/4	1,920.65	1/4	1,532.75	1/4	1,150.87	1/4	778.04	1/4	393.89	1/4	19.21	1/4					1/4	1/4
1/2	1/2	1,912.66	1/2	1,524.65	1/2	1,143.19	1/2	770.10	1/2	385.78	1/2	16.68	1/2					1/2	1/2
3/4	3/4	1,904.67	3/4	1,516.54	3/4	1,135.51	3/4	762.17	3/4	377.68	3/4	11	3/4					3/4	3/4
11	11	1,896.69	11	1,508.44	11	1,127.83	11	754.23	11	369.57	11	11	11					11	11
1/4	1/4	1,888.70	1/4	1,500.34	1/4	1,120.15	1/4	746.29	1/4	361.47	1/4	1/4	1/4					1/4	1/4
1/2	1/2	1,880.71	1/2	1,492.24	1/2	1,112.47	1/2	738.36	1/2	353.36	1/2	1/2	1/2					1/2	1/2
3/4	3/4	1,872.73	3/4	1,484.14	3/4	1,104.79	3/4	730.42	3/4	345.25	3/4	3/4	3/4					3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/13/2003 CL - SW
CALCULATED: 11/13/2003 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2003

PRECISION MEASUREMENT
& ANALYSIS, INC.
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