



KIRBY 28062



Barge Strapping Tables





BARGE "KIRBY 28062"

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	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-1/2	- 02-1/2	03-0/8	- 03-0/8
1 STBD	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-1/2	- 02-1/2	03-0/8	- 03-0/8
2 PORT	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-3/8	- 02-3/8	02-7/8	- 02-7/8
2 STBD	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-3/8	- 02-3/8	02-7/8	- 02-7/8
3 PORT	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-1/2	- 02-1/2	02-7/8	- 02-7/8
3 STBD	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-3/8	- 02-3/8	02-7/8	- 02-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

$$\begin{aligned}
 \text{FWD. DRAFT} &= 2'-00" \\
 \text{AFT DRAFT} &= 4'-00" \\
 \text{DIFF.} &= 2'-00" \quad (\text{DOWN BY STERN})
 \end{aligned}$$

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 01-0/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 0/8"

LENGTH BETWEEN DRAFT MARKS: 241'-06"

April 7, 2004

**PRECISION MEASUREMENT
& ANALYSIS, INC.**
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BARGE "KIRBY 28062"

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.	
H	M	H	M	H	M	H	M	H	M	H	M	H	M	H	M	H	M	H	M
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
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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY
 BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBSERVED WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 17-24" OFF CENTERLINE AND 63'-10" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "KIRBY 28062"

1 PORT ULLAGE TABLE

GAUGE HEIGHT 16'-07 1/4"

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.	
M	B	M	B	M	B	M	B	M	B	M	B	M	B	M	B	M	B	M	B	M	B
0	1,980.22	0	1,614.18	0	1,248.80	0	884.99	0	519.22	0	174.68	0	0	0	0	0	0	0	0	0	0
1/4	2,338.61	1/4	1,972.59	1/4	1,606.56	1/4	1,241.17	1/4	877.42	1/4	511.59	1/4	167.99	1/4	0	0	0	0	0	0	0
1/2	2,330.98	1/2	1,964.96	1/2	1,598.93	1/2	1,233.55	1/2	869.83	1/2	503.98	1/2	161.38	1/2	0	0	0	0	0	0	0
3/4	2,323.36	3/4	1,957.34	3/4	1,591.31	3/4	1,226.92	3/4	862.25	3/4	496.38	3/4	154.78	3/4	0	0	0	0	0	0	0
1	2,315.73	1	1,949.71	1	1,583.68	1	1,218.30	1	854.67	1	488.77	1	148.17	1	0	0	0	0	0	0	0
1 1/4	2,308.11	1 1/4	1,942.09	1 1/4	1,576.05	1 1/4	1,210.67	1 1/4	847.08	1 1/4	481.17	1 1/4	141.56	1 1/4	0	0	0	0	0	0	0
1 1/2	2,300.48	1 1/2	1,934.46	1 1/2	1,568.43	1 1/2	1,203.06	1 1/2	839.47	1 1/2	473.63	1 1/2	135.05	1 1/2	0	0	0	0	0	0	0
2	2,292.86	2	1,926.84	2	1,560.80	2	1,195.45	2	831.86	2	466.08	2	128.53	2	0	0	0	0	0	0	0
2 1/4	2,285.23	2 1/4	1,919.21	2 1/4	1,553.18	2 1/4	1,187.83	2 1/4	824.26	2 1/4	458.54	2 1/4	122.02	2 1/4	0	0	0	0	0	0	0
2 1/2	2,277.61	2 1/2	1,911.58	2 1/2	1,545.55	2 1/2	1,180.22	2 1/2	816.64	2 1/2	451.00	2 1/2	115.50	2 1/2	0	0	0	0	0	0	0
2 3/4	2,269.98	2 3/4	1,903.96	2 3/4	1,537.93	2 3/4	1,172.64	2 3/4	809.01	2 3/4	443.54	2 3/4	109.09	2 3/4	0	0	0	0	0	0	0
3	2,262.36	3	1,896.33	3	1,530.30	3	1,165.05	3	801.38	3	436.09	3	102.67	3	0	0	0	0	0	0	0
3 1/4	2,254.73	3 1/4	1,888.71	3 1/4	1,522.67	3 1/4	1,157.47	3 1/4	793.76	3 1/4	428.63	3 1/4	96.25	3 1/4	0	0	0	0	0	0	0
3 1/2	2,247.10	3 1/2	1,881.08	3 1/2	1,515.05	3 1/2	1,149.88	3 1/2	786.13	3 1/2	421.17	3 1/2	89.83	3 1/2	0	0	0	0	0	0	0
3 3/4	2,239.48	3 3/4	1,873.46	3 3/4	1,507.42	3 3/4	1,142.31	3 3/4	778.51	3 3/4	413.80	3 3/4	83.52	3 3/4	0	0	0	0	0	0	0
4	2,231.85	4	1,865.83	4	1,499.80	4	1,134.74	4	770.88	4	406.43	4	77.21	4	0	0	0	0	0	0	0
4 1/4	2,224.23	4 1/4	1,858.21	4 1/4	1,492.17	4 1/4	1,127.17	4 1/4	763.25	4 1/4	399.06	4 1/4	70.90	4 1/4	0	0	0	0	0	0	0
4 1/2	2,216.60	4 1/2	1,850.58	4 1/2	1,484.55	4 1/2	1,119.60	4 1/2	755.63	4 1/2	391.69	4 1/2	64.68	4 1/2	0	0	0	0	0	0	0
4 3/4	2,208.98	4 3/4	1,842.95	4 3/4	1,476.93	4 3/4	1,112.03	4 3/4	748.00	4 3/4	384.40	4 3/4	58.39	4 3/4	0	0	0	0	0	0	0
5	2,201.35	5	1,835.33	5	1,469.32	5	1,104.47	5	740.38	5	377.11	5	52.19	5	0	0	0	0	0	0	0
5 1/4	2,193.73	5 1/4	1,827.70	5 1/4	1,461.71	5 1/4	1,096.90	5 1/4	732.75	5 1/4	369.82	5 1/4	46.00	5 1/4	0	0	0	0	0	0	0
5 1/2	2,186.10	5 1/2	1,820.08	5 1/2	1,454.10	5 1/2	1,089.33	5 1/2	725.12	5 1/2	362.54	5 1/2	39.80	5 1/2	0	0	0	0	0	0	0
5 3/4	2,178.48	5 3/4	1,812.45	5 3/4	1,446.50	5 3/4	1,081.76	5 3/4	717.50	5 3/4	355.33	5 3/4	34.31	5 3/4	0	0	0	0	0	0	0
6	2,170.86	6	1,804.83	6	1,438.90	6	1,074.19	6	709.87	6	348.13	6	28.81	6	0	0	0	0	0	0	0
6 1/4	2,163.22	6 1/4	1,797.20	6 1/4	1,431.30	6 1/4	1,066.63	6 1/4	702.25	6 1/4	340.93	6 1/4	23.31	6 1/4	0	0	0	0	0	0	0
6 1/2	2,155.60	6 1/2	1,789.57	6 1/2	1,423.71	6 1/2	1,059.06	6 1/2	694.62	6 1/2	333.73	6 1/2	17.81	6 1/2	0	0	0	0	0	0	0
6 3/4	2,147.97	6 3/4	1,781.95	6 3/4	1,416.11	6 3/4	1,051.49	6 3/4	686.99	6 3/4	326.61	6 3/4	14.26	6 3/4	0	0	0	0	0	0	0
7	2,140.35	7	1,774.32	7	1,408.51	7	1,043.92	7	679.37	7	319.49	7	10.70	7	0	0	0	0	0	0	0
7 1/4	2,132.72	7 1/4	1,766.70	7 1/4	1,400.91	7 1/4	1,036.35	7 1/4	671.74	7 1/4	312.37	7 1/4	7.14	7 1/4	0	0	0	0	0	0	0
7 1/2	2,125.10	7 1/2	1,759.07	7 1/2	1,393.31	7 1/2	1,028.79	7 1/2	664.12	7 1/2	305.26	7 1/2	3.68	7 1/2	0	0	0	0	0	0	0
7 3/4	2,117.47	7 3/4	1,751.45	7 3/4	1,385.71	7 3/4	1,021.22	7 3/4	656.49	7 3/4	298.22	7 3/4	0	7 3/4	0	0	0	0	0	0	0
8	2,109.85	8	1,743.82	8	1,378.12	8	1,013.65	8	648.86	8	291.19	8	0	0	0	0	0	0	0	0	0
8 1/4	2,102.22	8 1/4	1,736.19	8 1/4	1,370.52	8 1/4	1,006.08	8 1/4	641.24	8 1/4	284.16	8 1/4	0	0	0	0	0	0	0	0	0
8 1/2	2,094.60	8 1/2	1,728.57	8 1/2	1,362.92	8 1/2	998.51	8 1/2	633.61	8 1/2	277.12	8 1/2	0	0	0	0	0	0	0	0	0
8 3/4	2,086.97	8 3/4	1,720.94	8 3/4	1,355.32	8 3/4	990.95	8 3/4	626.07	8 3/4	270.18	8 3/4	0	0	0	0	0	0	0	0	0
9	2,079.34	9	1,713.32	9	1,347.72	9	983.38	9	618.36	9	263.23	9	0	0	0	0	0	0	0	0	0
9 1/4	2,071.72	9 1/4	1,705.69	9 1/4	1,340.12	9 1/4	975.81	9 1/4	610.73	9 1/4	256.28	9 1/4	0	0	0	0	0	0	0	0	0
9 1/2	2,064.09	9 1/2	1,698.07	9 1/2	1,332.52	9 1/2	968.24	9 1/2	603.11	9 1/2	249.33	9 1/2	0	0	0	0	0	0	0	0	0
9 3/4	2,056.47	9 3/4	1,690.44	9 3/4	1,324.93	9 3/4	960.67	9 3/4	595.48	9 3/4	242.47	9 3/4	0	0	0	0	0	0	0	0	0
10	2,048.84	10	1,682.81	10	1,317.33	10	953.11	10	587.85	10	235.60	10	0	0	0	0	0	0	0	0	0
10 1/4	2,041.22	10 1/4	1,675.19	10 1/4	1,309.73	10 1/4	945.54	10 1/4	580.23	10 1/4	228.74	10 1/4	0	0	0	0	0	0	0	0	0
10 1/2	2,033.59	10 1/2	1,667.56	10 1/2	1,302.13	10 1/2	937.97	10 1/2	572.60	10 1/2	221.88	10 1/2	0	0	0	0	0	0	0	0	0
10 3/4	2,025.97	10 3/4	1,659.94	10 3/4	1,294.52	10 3/4	930.40	10 3/4	564.97	10 3/4	215.10	10 3/4	0	0	0	0	0	0	0	0	0
11	2,018.34	11	1,652.31	11	1,286.90	11	922.83	11	557.35	11	208.32	11	0	0	0	0	0	0	0	0	0
11 1/4	2,010.72	11 1/4	1,644.69	11 1/4	1,279.29	11 1/4	915.27	11 1/4	549.72	11 1/4	201.54	11 1/4	0	0	0	0	0	0	0	0	0
11 1/2	2,003.09	11 1/2	1,637.06	11 1/2	1,271.68	11 1/2	907.70	11 1/2	542.09	11 1/2	194.76	11 1/2	0	0	0	0	0	0	0	0	0
11 3/4	1,995.47	11 3/4	1,629.43	11 3/4	1,264.05	11 3/4	900.13	11 3/4	534.47	11 3/4	188.07	11 3/4	0	0	0	0	0	0	0	0	0
12	1,987.84	12	1,621.81	12	1,256.43	12	892.56	12	526.84	12	181.39	12	0	0	0	0	0	0	0	0	0

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2004 CL - 6W
CALCULATED: 04/07/2004 CL
PRINTED: 04/07/2004 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2004

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77668
http://www.pmtscorp.net



BARGE "KIRBY 28062"

1 STBD

ULLAGE TABLE

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

Table with columns for GAUGE HEIGHT 16'-08" and 8 FT. 9 FT., and rows for capacity in barrels (0 to 34) and height in feet (0 to 34).

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMs CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL...

PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2892 Pearland, Texas 77588

http://www.pmeas.com.net [Signature]



BARGE "KIRBY 28062"

1 STBD

ULLAGE TABLE

GAUGE HEIGHT 16'-08"

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

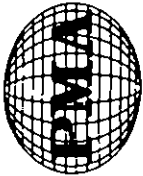
10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H	W	H
0	2,370.22	0	2,094.24	0	1,638.25	0	1,272.92	0	907.87	0	542.02	0	194.74	0	0	0	0	0	0
1/4	2,362.59	1/4	1,986.62	1/4	1,630.63	1/4	1,265.29	1/4	900.28	1/4	534.40	1/4	188.04	1/4	0	1/4	1/4	1/4	1/4
1/2	2,354.97	1/2	1,988.99	1/2	1,623.00	1/2	1,257.67	1/2	892.68	1/2	526.77	1/2	181.35	1/2	0	1/2	1/2	1/2	1/2
3/4	2,347.34	3/4	1,981.37	3/4	1,615.38	3/4	1,250.04	3/4	885.08	3/4	519.15	3/4	174.68	3/4	0	3/4	3/4	3/4	3/4
1	2,339.72	1	1,973.74	1	1,607.75	1	1,242.41	1	877.48	1	511.52	1	167.96	1	0	1	1	1	1
1 1/4	2,332.09	1 1/4	1,966.12	1 1/4	1,600.13	1 1/4	1,234.79	1 1/4	869.87	1 1/4	503.92	1 1/4	161.36	1 1/4	0	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,324.47	1 1/2	1,958.49	1 1/2	1,592.50	1 1/2	1,227.16	1 1/2	862.26	1 1/2	496.31	1 1/2	154.75	1 1/2	0	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,316.84	3/4	1,950.87	3/4	1,584.88	3/4	1,219.54	3/4	854.64	3/4	488.71	3/4	148.15	3/4	0	3/4	3/4	3/4	3/4
2	2,309.22	2	1,943.24	2	1,577.25	2	1,211.91	2	847.03	2	481.10	2	141.54	2	0	2	2	2	2
2 1/4	2,301.60	2 1/4	1,935.62	2 1/4	1,569.63	2 1/4	1,204.29	2 1/4	839.41	2 1/4	473.56	2 1/4	135.03	2 1/4	0	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2,293.97	2 1/2	1,928.00	2 1/2	1,562.00	2 1/2	1,196.66	2 1/2	831.78	2 1/2	466.02	2 1/2	128.51	2 1/2	0	2 1/2	2 1/2	2 1/2	2 1/2
3/4	2,286.35	3/4	1,920.37	3/4	1,554.38	3/4	1,189.04	3/4	824.16	3/4	458.48	3/4	122.00	3/4	0	3/4	3/4	3/4	3/4
3	2,278.72	3	1,912.75	3	1,546.76	3	1,181.41	3	816.53	3	450.94	3	115.49	3	0	3	3	3	3
3 1/4	2,271.10	3 1/4	1,905.12	3 1/4	1,539.13	3 1/4	1,173.80	3 1/4	808.91	3 1/4	443.48	3 1/4	108.07	3 1/4	0	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	2,263.47	3 1/2	1,897.50	3 1/2	1,531.51	3 1/2	1,166.19	3 1/2	801.28	3 1/2	436.03	3 1/2	101.65	3 1/2	0	3 1/2	3 1/2	3 1/2	3 1/2
3/4	2,255.85	3/4	1,889.87	3/4	1,523.88	3/4	1,158.57	3/4	793.66	3/4	428.57	3/4	96.24	3/4	0	3/4	3/4	3/4	3/4
4	2,248.22	4	1,882.25	4	1,516.26	4	1,150.96	4	786.03	4	421.12	4	89.82	4	0	4	4	4	4
4 1/4	2,240.60	4 1/4	1,874.62	4 1/4	1,508.63	4 1/4	1,143.36	4 1/4	778.41	4 1/4	413.75	4 1/4	83.51	4 1/4	0	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	2,232.98	4 1/2	1,867.00	4 1/2	1,501.01	4 1/2	1,135.76	4 1/2	770.78	4 1/2	406.37	4 1/2	77.20	4 1/2	0	4 1/2	4 1/2	4 1/2	4 1/2
3/4	2,225.35	3/4	1,859.37	3/4	1,493.38	3/4	1,128.17	3/4	763.16	3/4	399.00	3/4	70.88	3/4	0	3/4	3/4	3/4	3/4
5	2,217.73	5	1,851.75	5	1,485.76	5	1,120.57	5	755.53	5	391.63	5	64.57	5	0	5	5	5	5
5 1/4	2,210.10	5 1/4	1,844.12	5 1/4	1,478.15	5 1/4	1,112.97	5 1/4	747.90	5 1/4	384.35	5 1/4	58.38	5 1/4	0	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	2,202.48	5 1/2	1,836.50	5 1/2	1,470.53	5 1/2	1,105.38	5 1/2	740.28	5 1/2	377.06	5 1/2	52.18	5 1/2	0	5 1/2	5 1/2	5 1/2	5 1/2
3/4	2,194.85	3/4	1,828.87	3/4	1,462.92	3/4	1,097.78	3/4	732.65	3/4	369.77	3/4	45.99	3/4	0	3/4	3/4	3/4	3/4
6	2,187.23	6	1,821.25	6	1,455.31	6	1,090.18	6	725.03	6	362.49	6	39.80	6	0	6	6	6	6
6 1/4	2,179.60	6 1/4	1,813.62	6 1/4	1,447.72	6 1/4	1,082.59	6 1/4	717.40	6 1/4	355.28	6 1/4	34.30	6 1/4	0	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	2,171.98	6 1/2	1,806.00	6 1/2	1,440.12	6 1/2	1,074.99	6 1/2	709.78	6 1/2	348.08	6 1/2	28.80	6 1/2	0	6 1/2	6 1/2	6 1/2	6 1/2
3/4	2,164.35	3/4	1,798.37	3/4	1,432.52	3/4	1,067.39	3/4	702.15	3/4	340.88	3/4	23.30	3/4	0	3/4	3/4	3/4	3/4
7	2,156.73	7	1,790.75	7	1,424.92	7	1,059.80	7	694.53	7	333.68	7	17.80	7	0	7	7	7	7
7 1/4	2,149.11	7 1/4	1,783.12	7 1/4	1,417.33	7 1/4	1,052.20	7 1/4	686.90	7 1/4	326.56	7 1/4	14.25	7 1/4	0	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	2,141.48	7 1/2	1,775.50	7 1/2	1,409.73	7 1/2	1,044.61	7 1/2	679.28	7 1/2	319.45	7 1/2	10.69	7 1/2	0	7 1/2	7 1/2	7 1/2	7 1/2
3/4	2,133.86	3/4	1,767.87	3/4	1,402.13	3/4	1,037.01	3/4	671.65	3/4	312.33	3/4	7.14	3/4	0	3/4	3/4	3/4	3/4
8	2,126.23	8	1,760.25	8	1,394.54	8	1,029.41	8	664.03	8	305.21	8	3.58	8	0	8	8	8	8
8 1/4	2,118.61	8 1/4	1,752.62	8 1/4	1,386.94	8 1/4	1,021.82	8 1/4	656.40	8 1/4	298.18	8 1/4	0	8 1/4	0	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	2,110.98	8 1/2	1,745.00	8 1/2	1,379.34	8 1/2	1,014.22	8 1/2	648.78	8 1/2	291.15	8 1/2	0	8 1/2	0	8 1/2	8 1/2	8 1/2	8 1/2
3/4	2,103.36	3/4	1,737.38	3/4	1,371.74	3/4	1,006.62	3/4	641.15	3/4	284.12	3/4	0	3/4	0	3/4	3/4	3/4	3/4
9	2,095.73	9	1,729.75	9	1,364.14	9	999.03	9	633.53	9	277.08	9	0	9	0	9	9	9	9
9 1/4	2,088.11	9 1/4	1,722.13	9 1/4	1,356.55	9 1/4	991.43	9 1/4	625.90	9 1/4	270.14	9 1/4	0	9 1/4	0	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	2,080.49	9 1/2	1,714.50	9 1/2	1,348.95	9 1/2	983.84	9 1/2	618.28	9 1/2	263.19	9 1/2	0	9 1/2	0	9 1/2	9 1/2	9 1/2	9 1/2
3/4	2,072.86	3/4	1,706.88	3/4	1,341.35	3/4	976.24	3/4	610.65	3/4	256.24	3/4	0	3/4	0	3/4	3/4	3/4	3/4
10	2,065.24	10	1,699.25	10	1,333.76	10	968.64	10	603.03	10	249.29	10	0	10	0	10	10	10	10
10 1/4	2,057.61	10 1/4	1,691.63	10 1/4	1,326.16	10 1/4	961.05	10 1/4	595.40	10 1/4	242.43	10 1/4	0	10 1/4	0	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	2,049.99	10 1/2	1,684.00	10 1/2	1,318.56	10 1/2	953.45	10 1/2	587.78	10 1/2	235.57	10 1/2	0	10 1/2	0	10 1/2	10 1/2	10 1/2	10 1/2
3/4	2,042.36	3/4	1,676.38	3/4	1,310.96	3/4	945.85	3/4	580.15	3/4	228.71	3/4	0	3/4	0	3/4	3/4	3/4	3/4
11	2,034.74	11	1,668.75	11	1,303.36	11	938.26	11	572.52	11	221.84	11	0	11	0	11	11	11	11
11 1/4	2,027.11	11 1/4	1,661.13	11 1/4	1,295.75	11 1/4	930.66	11 1/4	564.90	11 1/4	215.07	11 1/4	0	11 1/4	0	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	2,019.49	11 1/2	1,653.50	11 1/2	1,288.14	11 1/2	923.07	11 1/2	557.27	11 1/2	208.29	11 1/2	0	11 1/2	0	11 1/2	11 1/2	11 1/2	11 1/2
3/4	2,011.86	3/4	1,645.88	3/4	1,280.53	3/4	915.47	3/4	549.65	3/4	201.51	3/4	0	3/4	0	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2004 CL - 8W
 CALCULATED: 04/07/2004 CL
 PRINTED: 04/07/2004 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 04/2004

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2692
 Pearland, Texas 77644
 http://www.pmauscorp.net



BARGE "KIRBY 28062"

2 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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
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 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 1/4	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 1/4	1 1/4
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	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	1 1/2	1 1/2
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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	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	2 1/4	2 1/4
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4
12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2
12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBSERVED WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 17'-09" OFF CENTERLINE AND 57'-34" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Peeband, Texas 77633
http://www.pmscorp.net



BARGE "KIRBY 28062"

2 PORT ULLAGE TABLE

GAUGE HEIGHT 16'-07 1/4"

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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	0	2,379.66	0	2,016.19	0	1,652.72	0	1,293.13	0	943.04	0	582.94	0	219.43	0						
1/4	1/4	2,372.08	1/4	2,008.62	1/4	1,645.15	1/4	1,285.56	1/4	935.79	1/4	575.37	1/4	211.86	1/4						
1/2	1/2	2,364.51	1/2	2,001.05	1/2	1,637.58	1/2	1,277.98	1/2	928.32	1/2	567.79	1/2	204.29	1/2						
3/4	3/4	2,356.94	3/4	1,993.48	3/4	1,630.01	3/4	1,270.41	3/4	921.28	3/4	560.22	3/4	196.72	3/4						
1	1	2,349.37	1	1,985.90	1	1,622.43	1	1,262.84	1	914.02	1	552.65	1	189.15	1						
1 1/4	1 1/4	2,341.79	1 1/4	1,978.33	1 1/4	1,614.86	1 1/4	1,255.27	1 1/4	906.76	1 1/4	545.07	1 1/4	181.58	1 1/4						
1 1/2	1 1/2	2,334.22	1 1/2	1,970.76	1 1/2	1,607.29	1 1/2	1,247.84	1 1/2	899.49	1 1/2	537.50	1 1/2	174.01	1 1/2						
1 3/4	1 3/4	2,326.65	1 3/4	1,963.19	1 3/4	1,599.72	1 3/4	1,240.42	1 3/4	892.21	1 3/4	529.93	1 3/4	166.45	1 3/4						
2	2	2,319.08	2	1,955.61	2	1,592.14	2	1,233.00	2	884.94	2	522.35	2	158.89	2						
2 1/4	2 1/4	2,311.50	2 1/4	1,948.04	2 1/4	1,584.57	2 1/4	1,225.58	2 1/4	877.87	2 1/4	514.78	2 1/4	151.32	2 1/4						
2 1/2	2 1/2	2,303.93	2 1/2	1,940.47	2 1/2	1,577.00	2 1/2	1,218.32	2 1/2	870.25	2 1/2	507.21	2 1/2	143.77	2 1/2						
2 3/4	2 3/4	2,296.36	2 3/4	1,932.90	2 3/4	1,569.43	2 3/4	1,211.06	2 3/4	862.83	2 3/4	499.63	2 3/4	136.22	2 3/4						
3	3	2,288.79	3	1,925.33	3	1,561.86	3	1,203.80	3	855.41	3	492.06	3	128.67	3						
3 1/4	3 1/4	2,281.22	3 1/4	1,917.76	3 1/4	1,554.28	3 1/4	1,196.54	3 1/4	847.99	3 1/4	484.49	3 1/4	121.12	3 1/4						
3 1/2	3 1/2	2,273.64	3 1/2	1,910.18	3 1/2	1,546.79	3 1/2	1,189.30	3 1/2	840.41	3 1/2	476.92	3 1/2	113.59	3 1/2						
3 3/4	3 3/4	2,266.07	3 3/4	1,902.61	3 3/4	1,539.30	3 3/4	1,182.05	3 3/4	832.84	3 3/4	469.34	3 3/4	106.05	3 3/4						
4	4	2,258.50	4	1,895.04	4	1,531.81	4	1,174.81	4	825.27	4	461.77	4	98.52	4						
4 1/4	4 1/4	2,250.93	4 1/4	1,887.46	4 1/4	1,524.32	4 1/4	1,167.56	4 1/4	817.69	4 1/4	454.20	4 1/4	90.98	4 1/4						
4 1/2	4 1/2	2,243.36	4 1/2	1,879.89	4 1/2	1,516.91	4 1/2	1,160.32	4 1/2	810.12	4 1/2	446.62	4 1/2	83.49	4 1/2						
4 3/4	4 3/4	2,235.78	4 3/4	1,872.32	4 3/4	1,509.50	4 3/4	1,153.08	4 3/4	802.55	4 3/4	439.05	4 3/4	75.99	4 3/4						
5	5	2,228.21	5	1,864.75	5	1,502.09	5	1,145.83	5	794.98	5	431.48	5	68.50	5						
5 1/4	5 1/4	2,220.64	5 1/4	1,857.17	5 1/4	1,494.68	5 1/4	1,138.59	5 1/4	787.40	5 1/4	423.90	5 1/4	61.00	5 1/4						
5 1/2	5 1/2	2,213.07	5 1/2	1,849.60	5 1/2	1,487.27	5 1/2	1,131.35	5 1/2	779.83	5 1/2	416.33	5 1/2	54.11	5 1/2						
5 3/4	5 3/4	2,205.50	5 3/4	1,842.03	5 3/4	1,479.86	5 3/4	1,124.11	5 3/4	772.26	5 3/4	408.76	5 3/4	47.21	5 3/4						
6	6	2,197.92	6	1,834.46	6	1,472.45	6	1,116.86	6	764.69	6	401.18	6	40.32	6						
6 1/4	6 1/4	2,190.35	6 1/4	1,826.89	6 1/4	1,465.04	6 1/4	1,109.62	6 1/4	757.11	6 1/4	393.61	6 1/4	33.43	6 1/4						
6 1/2	6 1/2	2,182.78	6 1/2	1,819.31	6 1/2	1,457.63	6 1/2	1,102.38	6 1/2	749.54	6 1/2	386.04	6 1/2	28.38	6 1/2						
6 3/4	6 3/4	2,175.21	6 3/4	1,811.74	6 3/4	1,450.21	6 3/4	1,095.14	6 3/4	741.97	6 3/4	378.47	6 3/4	23.34	6 3/4						
7	7	2,167.63	7	1,804.17	7	1,442.80	7	1,087.89	7	734.40	7	370.89	7	18.29	7						
7 1/4	7 1/4	2,160.06	7 1/4	1,796.60	7 1/4	1,435.39	7 1/4	1,080.65	7 1/4	726.82	7 1/4	363.32	7 1/4	13.24	7 1/4						
7 1/2	7 1/2	2,152.49	7 1/2	1,789.02	7 1/2	1,427.98	7 1/2	1,073.41	7 1/2	719.25	7 1/2	355.76	7 1/2		7 1/2						
7 3/4	7 3/4	2,144.92	7 3/4	1,781.45	7 3/4	1,420.57	7 3/4	1,066.17	7 3/4	711.68	7 3/4	348.17	7 3/4		7 3/4						
8	8	2,137.35	8	1,773.88	8	1,413.16	8	1,058.92	8	704.10	8	340.60	8		8						
8 1/4	8 1/4	2,129.77	8 1/4	1,766.31	8 1/4	1,405.75	8 1/4	1,051.68	8 1/4	696.53	8 1/4	333.03	8 1/4		8 1/4						
8 1/2	8 1/2	2,122.20	8 1/2	1,758.74	8 1/2	1,398.34	8 1/2	1,044.44	8 1/2	688.96	8 1/2	325.45	8 1/2		8 1/2						
8 3/4	8 3/4	2,114.63	8 3/4	1,751.16	8 3/4	1,390.93	8 3/4	1,037.20	8 3/4	681.39	8 3/4	317.88	8 3/4		8 3/4						
9	9	2,107.06	9	1,743.59	9	1,383.52	9	1,029.95	9	673.82	9	310.31	9		9						
9 1/4	9 1/4	2,099.49	9 1/4	1,736.02	9 1/4	1,376.11	9 1/4	1,022.71	9 1/4	666.24	9 1/4	302.73	9 1/4		9 1/4						
9 1/2	9 1/2	2,091.91	9 1/2	1,728.45	9 1/2	1,368.62	9 1/2	1,015.47	9 1/2	658.67	9 1/2	295.16	9 1/2		9 1/2						
9 3/4	9 3/4	2,084.34	9 3/4	1,720.87	9 3/4	1,361.12	9 3/4	1,008.23	9 3/4	651.10	9 3/4	287.59	9 3/4		9 3/4						
10	10	2,076.77	10	1,713.30	10	1,353.63	10	1,000.98	10	643.52	10	280.01	10		10						
10 1/4	10 1/4	2,069.20	10 1/4	1,705.73	10 1/4	1,346.14	10 1/4	993.74	10 1/4	635.95	10 1/4	272.44	10 1/4		10 1/4						
10 1/2	10 1/2	2,061.63	10 1/2	1,698.16	10 1/2	1,338.67	10 1/2	986.50	10 1/2	628.38	10 1/2	264.87	10 1/2		10 1/2						
10 3/4	10 3/4	2,054.05	10 3/4	1,690.58	10 3/4	1,330.99	10 3/4	979.26	10 3/4	620.80	10 3/4	257.30	10 3/4		10 3/4						
11	11	2,046.48	11	1,683.01	11	1,323.42	11	972.01	11	613.23	11	249.72	11		11						
11 1/4	11 1/4	2,038.91	11 1/4	1,675.44	11 1/4	1,315.85	11 1/4	964.77	11 1/4	605.66	11 1/4	242.15	11 1/4		11 1/4						
11 1/2	11 1/2	2,031.34	11 1/2	1,667.87	11 1/2	1,308.28	11 1/2	957.53	11 1/2	598.09	11 1/2	234.58	11 1/2		11 1/2						
11 3/4	11 3/4	2,023.76	11 3/4	1,660.30	11 3/4	1,300.70	11 3/4	950.28	11 3/4	590.51	11 3/4	227.00	11 3/4		11 3/4						

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/06/2004 CL - SW
CALCULATED: 04/07/2004 CL
PRINTED: 04/07/2004 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2022
Pearland, Texas 77644
http://www.dnsoffice.net

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2004



BARGE "KIRBY 28062"

2 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-07 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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBSERVED WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-07" OFF CENTERLINE AND 81'-04" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77668
<http://www.pma-inc.net>



BARGE "KIRBY 28062"

2 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-07 1/2"

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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	2,402.31	0	2,038.94	0	1,675.56	0	1,316.05	0	953.67	0	590.37	0	226.95	0		0		0	
1/4	2,394.74	1/4	2,031.37	1/4	1,667.99	1/4	1,308.48	1/4	946.12	1/4	582.80	1/4	218.38	1/4		1/4		1/4	
1/2	2,387.17	1/2	2,023.79	1/2	1,660.42	1/2	1,300.91	1/2	938.56	1/2	575.22	1/2	211.81	1/2		1/2		1/2	
3/4	2,379.60	3/4	2,016.22	3/4	1,652.84	3/4	1,293.34	3/4	931.02	3/4	567.65	3/4	204.24	3/4		3/4		3/4	
1	2,372.03	1	2,008.65	1	1,645.27	1	1,285.77	1	923.48	1	560.08	1	196.67	1		1		1	
1/4	2,364.46	1/4	2,001.08	1/4	1,637.70	1/4	1,278.20	1/4	915.90	1/4	552.51	1/4	189.10	1/4		1/4		1/4	
1/2	2,356.89	1/2	1,993.51	1/2	1,630.13	1/2	1,270.62	1/2	908.34	1/2	544.94	1/2	181.53	1/2		1/2		1/2	
3/4	2,349.32	3/4	1,985.94	3/4	1,622.56	3/4	1,263.05	3/4	900.77	3/4	537.37	3/4	173.97	3/4		3/4		3/4	
1	2,341.75	1	1,978.37	1	1,614.99	1	1,255.48	1	893.20	1	529.80	1	166.41	1		1		1	
1/4	2,334.18	1/4	1,970.80	1/4	1,607.42	1/4	1,247.91	1/4	885.63	1/4	522.23	1/4	158.85	1/4		1/4		1/4	
1/2	2,326.61	1/2	1,963.23	1/2	1,599.85	1/2	1,240.34	1/2	878.06	1/2	514.65	1/2	151.29	1/2		1/2		1/2	
3/4	2,319.04	3/4	1,955.66	3/4	1,592.28	3/4	1,232.78	3/4	870.49	3/4	507.08	3/4	143.74	3/4		3/4		3/4	
1	2,311.47	1	1,948.09	1	1,584.71	1	1,225.22	1	862.92	1	499.51	1	136.19	1		1		1	
1/4	2,303.90	1/4	1,940.52	1/4	1,577.14	1/4	1,217.66	1/4	855.35	1/4	491.94	1/4	128.64	1/4		1/4		1/4	
1/2	2,296.33	1/2	1,932.95	1/2	1,569.57	1/2	1,210.11	1/2	847.78	1/2	484.37	1/2	121.09	1/2		1/2		1/2	
3/4	2,288.76	3/4	1,925.38	3/4	1,562.00	3/4	1,202.56	3/4	840.21	3/4	476.80	3/4	113.56	3/4		3/4		3/4	
1	2,281.19	1	1,917.81	1	1,554.43	1	1,195.02	1	832.64	1	469.23	1	106.03	1		1		1	
1/4	2,273.62	1/4	1,910.24	1/4	1,547.10	1/4	1,187.48	1/4	825.07	1/4	461.66	1/4	98.50	1/4		1/4		1/4	
1/2	2,266.05	1/2	1,902.67	1/2	1,539.51	1/2	1,179.93	1/2	817.50	1/2	454.08	1/2	90.97	1/2		1/2		1/2	
3/4	2,258.48	3/4	1,895.10	3/4	1,532.20	3/4	1,172.39	3/4	809.93	3/4	446.51	3/4	83.47	3/4		3/4		3/4	
1	2,250.91	1	1,887.53	1	1,524.79	1	1,164.85	1	802.35	1	438.94	1	75.98	1		1		1	
1/4	2,243.33	1/4	1,879.96	1/4	1,517.39	1/4	1,157.31	1/4	794.78	1/4	431.37	1/4	68.48	1/4		1/4		1/4	
1/2	2,235.76	1/2	1,872.39	1/2	1,509.98	1/2	1,149.76	1/2	787.21	1/2	423.80	1/2	60.98	1/2		1/2		1/2	
3/4	2,228.19	3/4	1,864.82	3/4	1,502.57	3/4	1,142.22	3/4	779.64	3/4	416.23	3/4	54.09	3/4		3/4		3/4	
1	2,220.62	1	1,857.25	1	1,495.16	1	1,134.68	1	772.07	1	408.66	1	47.20	1		1		1	
1/4	2,213.05	1/4	1,849.68	1/4	1,487.75	1/4	1,127.14	1/4	764.50	1/4	401.09	1/4	40.31	1/4		1/4		1/4	
1/2	2,205.48	1/2	1,842.10	1/2	1,480.34	1/2	1,119.60	1/2	756.93	1/2	393.52	1/2	33.42	1/2		1/2		1/2	
3/4	2,197.91	3/4	1,834.53	3/4	1,472.94	3/4	1,112.05	3/4	749.36	3/4	385.94	3/4	26.38	3/4		3/4		3/4	
1	2,190.34	1	1,826.96	1	1,465.53	1	1,104.51	1	741.79	1	378.37	1	23.33	1		1		1	
1/4	2,182.77	1/4	1,819.39	1/4	1,458.12	1/4	1,096.97	1/4	734.22	1/4	370.80	1/4	18.29	1/4		1/4		1/4	
1/2	2,175.20	1/2	1,811.82	1/2	1,450.71	1/2	1,089.43	1/2	726.65	1/2	363.23	1/2	13.24	1/2		1/2		1/2	
3/4	2,167.63	3/4	1,804.25	3/4	1,443.30	3/4	1,081.89	3/4	718.08	3/4	355.66	3/4		3/4		3/4		3/4	
1	2,160.06	1	1,796.68	1	1,435.89	1	1,074.34	1	711.51	1	348.09	1		1		1		1	
1/4	2,152.49	1/4	1,789.11	1/4	1,428.48	1/4	1,066.80	1/4	703.94	1/4	340.52	1/4		1/4		1/4		1/4	
1/2	2,144.92	1/2	1,781.54	1/2	1,421.07	1/2	1,059.26	1/2	696.37	1/2	332.95	1/2		1/2		1/2		1/2	
3/4	2,137.35	3/4	1,773.97	3/4	1,413.67	3/4	1,051.72	3/4	688.79	3/4	326.37	3/4		3/4		3/4		3/4	
1	2,129.78	1	1,766.40	1	1,406.26	1	1,044.18	1	681.22	1	318.80	1		1		1		1	
1/4	2,122.21	1/4	1,758.83	1/4	1,398.85	1/4	1,036.63	1/4	673.65	1/4	310.23	1/4		1/4		1/4		1/4	
1/2	2,114.64	1/2	1,751.26	1/2	1,391.44	1/2	1,029.09	1/2	666.08	1/2	302.66	1/2		1/2		1/2		1/2	
3/4	2,107.07	3/4	1,743.69	3/4	1,383.95	3/4	1,021.55	3/4	658.51	3/4	295.09	3/4		3/4		3/4		3/4	
1	2,099.50	1	1,736.12	1	1,376.46	1	1,014.01	1	650.94	1	287.52	1		1		1		1	
1/4	2,091.93	1/4	1,728.55	1/4	1,368.97	1/4	1,006.47	1/4	643.36	1/4	279.95	1/4		1/4		1/4		1/4	
1/2	2,084.36	1/2	1,720.98	1/2	1,361.48	1/2	998.92	1/2	635.79	1/2	272.38	1/2		1/2		1/2		1/2	
3/4	2,076.79	3/4	1,713.41	3/4	1,353.91	3/4	991.38	3/4	628.22	3/4	264.80	3/4		3/4		3/4		3/4	
1	2,069.22	1	1,705.84	1	1,346.33	1	983.84	1	620.65	1	257.23	1		1		1		1	
1/4	2,061.65	1/4	1,698.27	1/4	1,338.76	1/4	976.30	1/4	613.08	1/4	249.65	1/4		1/4		1/4		1/4	
1/2	2,054.08	1/2	1,690.70	1/2	1,331.19	1/2	968.76	1/2	605.51	1/2	242.09	1/2		1/2		1/2		1/2	
3/4	2,046.51	3/4	1,683.13	3/4	1,323.62	3/4	961.21	3/4	597.94	3/4	234.52	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2004 CL - 8W
CALCULATED: 04/07/2004 CL
PRINTED: 04/07/2004 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2004

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pasland, Texas 77148
<http://www.pmscorp.net>



BARGE "KIRBY 28062"

3 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.		
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	
0	0	0	0	4,219.84	0	3,960.11	0	3,686.27	0	3,406.55	0	3,048.95	0	2,885.76	0	2,885.76	0	2,885.76	0	2,885.76
1/4	1/4	1/4	1/4	4,214.57	1/4	3,954.62	1/4	3,680.45	1/4	3,400.72	1/4	3,041.39	1/4	2,878.20	1/4	2,878.20	1/4	2,878.20	1/4	2,878.20
1/2	1/2	1/2	1/2	4,209.29	1/2	3,948.93	1/2	3,674.63	1/2	3,394.45	1/2	3,033.82	1/2	2,870.63	1/2	2,870.63	1/2	2,870.63	1/2	2,870.63
3/4	3/4	7/8	3/4	4,204.00	3/4	3,943.32	3/4	3,668.80	3/4	3,387.74	3/4	3,026.25	3/4	2,863.06	3/4	2,863.06	3/4	2,863.06	3/4	2,863.06
1	1	1	1	4,198.72	1	3,937.71	1	3,662.98	1	3,381.04	1	3,018.69	1	2,855.50	1	2,855.50	1	2,855.50	1	2,855.50
1/4	1/4	1/4	1/4	4,193.43	1/4	3,932.11	1/4	3,657.15	1/4	3,374.33	1/4	3,011.12	1/4	2,847.93	1/4	2,847.93	1/4	2,847.93	1/4	2,847.93
1/2	1/2	1/2	1/2	4,188.14	1/2	3,926.49	1/2	3,651.32	1/2	3,367.18	1/2	3,003.55	1/2	2,840.36	1/2	2,840.36	1/2	2,840.36	1/2	2,840.36
3/4	3/4	3/4	3/4	4,182.83	3/4	3,920.87	3/4	3,645.80	3/4	3,362.21	3/4	2,995.99	3/4	2,832.80	3/4	2,832.80	3/4	2,832.80	3/4	2,832.80
2	2	2	2	4,177.53	2	3,915.24	2	3,639.67	2	3,352.01	2	2,988.42	2	2,825.23	2	2,825.23	2	2,825.23	2	2,825.23
1/4	1/4	1/4	1/4	4,172.22	1/4	3,909.61	1/4	3,633.84	1/4	3,344.42	1/4	3,003.55	1/4	2,816.66	1/4	2,816.66	1/4	2,816.66	1/4	2,816.66
1/2	1/2	1/2	1/2	4,166.91	1/2	3,903.98	1/2	3,628.01	1/2	3,336.84	1/2	2,993.29	1/2	2,810.10	1/2	2,810.10	1/2	2,810.10	1/2	2,810.10
3/4	3/4	3/4	3/4	4,161.59	3/4	3,898.33	3/4	3,622.18	3/4	3,329.25	3/4	2,985.72	3/4	2,802.53	3/4	2,802.53	3/4	2,802.53	3/4	2,802.53
3	3	3	3	4,156.27	3	3,892.68	3	3,616.36	3	3,321.66	3	2,978.16	3	2,794.96	3	2,794.96	3	2,794.96	3	2,794.96
1/4	1/4	1/4	1/4	4,150.94	1/4	3,887.04	1/4	3,610.53	1/4	3,314.08	1/4	2,970.59	1/4	2,787.40	1/4	2,787.40	1/4	2,787.40	1/4	2,787.40
1/2	1/2	1/2	1/2	4,145.61	1/2	3,881.38	1/2	3,604.70	1/2	3,306.49	1/2	2,963.02	1/2	2,779.83	1/2	2,779.83	1/2	2,779.83	1/2	2,779.83
3/4	3/4	3/4	3/4	4,140.27	3/4	3,875.72	3/4	3,598.87	3/4	3,298.90	3/4	2,955.46	3/4	2,772.26	3/4	2,772.26	3/4	2,772.26	3/4	2,772.26
4	4	4	4	4,134.92	4	3,870.05	4	3,593.04	4	3,291.32	4	2,951.32	4	2,764.70	4	2,764.70	4	2,764.70	4	2,764.70
1/4	1/4	1/4	1/4	4,129.58	1/4	3,864.39	1/4	3,587.22	1/4	3,283.73	1/4	2,948.39	1/4	2,757.13	1/4	2,757.13	1/4	2,757.13	1/4	2,757.13
1/2	1/2	1/2	1/2	4,124.23	1/2	3,858.72	1/2	3,581.39	1/2	3,276.14	1/2	2,943.02	1/2	2,750.56	1/2	2,750.56	1/2	2,750.56	1/2	2,750.56
3/4	3/4	3/4	3/4	4,118.87	3/4	3,853.03	3/4	3,575.56	3/4	3,268.56	3/4	2,938.21	3/4	2,744.92	3/4	2,744.92	3/4	2,744.92	3/4	2,744.92
5	5	5	5	4,113.50	5	3,847.35	5	3,569.73	5	3,260.97	5	2,934.43	5	2,738.36	5	2,738.36	5	2,738.36	5	2,738.36
1/4	1/4	1/4	1/4	4,108.14	1/4	3,841.67	1/4	3,563.90	1/4	3,253.39	1/4	2,929.06	1/4	2,731.66	1/4	2,731.66	1/4	2,731.66	1/4	2,731.66
1/2	1/2	1/2	1/2	4,102.77	1/2	3,835.98	1/2	3,558.08	1/2	3,246.80	1/2	2,922.22	1/2	2,725.07	1/2	2,725.07	1/2	2,725.07	1/2	2,725.07
3/4	3/4	3/4	3/4	4,097.39	3/4	3,830.28	3/4	3,552.25	3/4	3,238.21	3/4	2,915.46	3/4	2,718.43	3/4	2,718.43	3/4	2,718.43	3/4	2,718.43
6	6	6	6	4,092.00	6	3,824.57	6	3,546.42	6	3,230.63	6	2,908.79	6	2,711.80	6	2,711.80	6	2,711.80	6	2,711.80
1/4	1/4	1/4	1/4	4,086.62	1/4	3,818.87	1/4	3,540.59	1/4	3,223.04	1/4	2,901.30	1/4	2,705.17	1/4	2,705.17	1/4	2,705.17	1/4	2,705.17
1/2	1/2	1/2	1/2	4,081.23	1/2	3,813.16	1/2	3,534.76	1/2	3,215.46	1/2	2,894.42	1/2	2,698.53	1/2	2,698.53	1/2	2,698.53	1/2	2,698.53
3/4	3/4	3/4	3/4	4,075.83	3/4	3,807.44	3/4	3,528.94	3/4	3,207.88	3/4	2,887.36	3/4	2,691.90	3/4	2,691.90	3/4	2,691.90	3/4	2,691.90
7	7	7	7	4,070.43	7	3,801.72	7	3,523.13	7	3,200.30	7	2,880.66	7	2,685.33	7	2,685.33	7	2,685.33	7	2,685.33
1/4	1/4	1/4	1/4	4,065.02	1/4	3,796.00	1/4	3,517.28	1/4	3,192.73	1/4	2,873.53	1/4	2,678.99	1/4	2,678.99	1/4	2,678.99	1/4	2,678.99
1/2	1/2	1/2	1/2	4,059.60	1/2	3,790.27	1/2	3,511.45	1/2	3,185.15	1/2	2,866.77	1/2	2,672.33	1/2	2,672.33	1/2	2,672.33	1/2	2,672.33
3/4	3/4	3/4	3/4	4,054.18	3/4	3,784.53	3/4	3,506.62	3/4	3,177.58	3/4	2,860.00	3/4	2,665.70	3/4	2,665.70	3/4	2,665.70	3/4	2,665.70
8	8	8	8	4,048.71	8	3,778.79	8	3,499.80	8	3,170.02	8	2,853.37	8	2,659.37	8	2,659.37	8	2,659.37	8	2,659.37
1/4	1/4	1/4	1/4	4,043.27	1/4	3,773.05	1/4	3,493.97	1/4	3,162.45	1/4	2,846.66	1/4	2,652.84	1/4	2,652.84	1/4	2,652.84	1/4	2,652.84
1/2	1/2	1/2	1/2	4,037.80	1/2	3,767.30	1/2	3,488.14	1/2	3,154.88	1/2	2,840.00	1/2	2,646.29	1/2	2,646.29	1/2	2,646.29	1/2	2,646.29
3/4	3/4	3/4	3/4	4,032.29	3/4	3,761.54	3/4	3,482.31	3/4	3,147.32	3/4	2,833.33	3/4	2,639.70	3/4	2,639.70	3/4	2,639.70	3/4	2,639.70
9	9	9	9	4,026.78	9	3,755.77	9	3,476.48	9	3,139.75	9	2,826.56	9	2,633.10	9	2,633.10	9	2,633.10	9	2,633.10
1/4	1/4	1/4	1/4	4,021.28	1/4	3,750.01	1/4	3,470.66	1/4	3,132.19	1/4	2,820.00	1/4	2,626.54	1/4	2,626.54	1/4	2,626.54	1/4	2,626.54
1/2	1/2	1/2	1/2	4,015.75	1/2	3,744.24	1/2	3,464.83	1/2	3,124.62	1/2	2,813.16	1/2	2,619.96	1/2	2,619.96	1/2	2,619.96	1/2	2,619.96
3/4	3/4	3/4	3/4	4,010.21	3/4	3,738.46	3/4	3,459.00	3/4	3,117.05	3/4	2,806.83	3/4	2,613.37	3/4	2,613.37	3/4	2,613.37	3/4	2,613.37
10	10	10	10	4,004.66	10	3,732.68	10	3,453.17	10	3,109.49	10	2,799.26	10	2,606.80	10	2,606.80	10	2,606.80	10	2,606.80
1/4	1/4	1/4	1/4	3,999.11	1/4	3,726.90	1/4	3,447.34	1/4	3,101.92	1/4	2,792.66	1/4	2,600.20	1/4	2,600.20	1/4	2,600.20	1/4	2,600.20
1/2	1/2	1/2	1/2	3,993.56	1/2	3,721.11	1/2	3,441.52	1/2	3,094.35	1/2	2,785.99	1/2	2,593.58	1/2	2,593.58	1/2	2,593.58	1/2	2,593.58
3/4	3/4	3/4	3/4	3,987.99	3/4	3,715.31	3/4	3,435.69	3/4	3,086.79	3/4	2,779.33	3/4	2,586.96	3/4	2,586.96	3/4	2,586.96	3/4	2,586.96
11	11	11	11	3,982.42	11	3,709.51	11	3,429.86	11	3,079.22	11	2,772.84	11	2,580.34	11	2,580.34	11	2,580.34	11	2,580.34
1/4	1/4	1/4	1/4	3,976.86	1/4	3,703.71	1/4	3,424.03	1/4	3,071.85	1/4	2,766.36	1/4	2,573.72	1/4	2,573.72	1/4	2,573.72	1/4	2,573.72
1/2	1/2	1/2	1/2	3,971.28	1/2	3,697.90	1/2	3,418.20	1/2	3,064.09	1/2	2,759.83	1/2	2,567.14	1/2	2,567.14	1/2	2,567.14	1/2	2,567.14
3/4	3/4	3/4	3/4	3,965.70	3/4	3,692.08	3/4	3,412.36	3/4	3,058.52	3/4	2,752.36	3/4	2,560.56	3/4	2,560.56	3/4	2,560.56	3/4	2,560.56

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77644
http://www.amsacorp.net

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBSERVED WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 17'-06" OFF CENTERLINE AND 5'-06" FORWARD OF AFT BULKHEAD.



BARGE "KIRBY 28062"

3 PORT ULLAGE TABLE

GAUGE HEIGHT 18'-06 3/8"
18 FT. 19 FT.

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W
0	2,322.57	0	1,959.38	0	1,596.20	0	892.93	0	1,237.53	0	892.93	0	527.25	0	163.05	0		0		0	
1/4	2,315.00	1/4	1,951.81	1/4	1,588.66	1/4	1,229.98	1/4	1,222.43	1/4	875.58	1/4	519.68	1/4	155.48	1/4		1/4		1/4	
1/2	2,307.44	1/2	1,944.24	1/2	1,581.10	1/2	1,222.43	1/2	1,222.43	1/2	868.23	1/2	512.07	1/2	148.03	1/2		1/2		1/2	
3/4	2,299.87	3/4	1,936.68	3/4	1,573.56	3/4	1,214.88	3/4	1,214.88	3/4	860.88	3/4	504.48	3/4	140.78	3/4		3/4		3/4	
1	2,292.30	1	1,929.11	1	1,566.01	1	1,207.33	1	1,207.33	1	853.53	1	496.90	1	133.49	1		1		1	
1 1/4	2,284.74	1 1/4	1,921.54	1 1/4	1,558.47	1 1/4	1,199.78	1 1/4	1,199.78	1 1/4	846.18	1 1/4	489.31	1 1/4	126.21	1 1/4		1 1/4		1 1/4	
1 1/2	2,277.17	1 1/2	1,913.98	1 1/2	1,550.93	1 1/2	1,192.22	1 1/2	1,192.22	1 1/2	838.83	1 1/2	481.72	1 1/2	119.42	1 1/2		1 1/2		1 1/2	
1 3/4	2,269.60	1 3/4	1,906.41	1 3/4	1,543.38	1 3/4	1,184.67	1 3/4	1,184.67	1 3/4	831.46	1 3/4	474.33	1 3/4	113.10	1 3/4		1 3/4		1 3/4	
2	2,262.04	2	1,898.84	2	1,535.84	2	1,177.12	2	1,177.12	2	824.10	2	466.55	2	106.77	2		2		2	
2 1/4	2,254.47	2 1/4	1,891.28	2 1/4	1,528.30	2 1/4	1,169.57	2 1/4	1,169.57	2 1/4	816.73	2 1/4	458.96	2 1/4	100.45	2 1/4		2 1/4		2 1/4	
2 1/2	2,246.90	2 1/2	1,883.71	2 1/2	1,520.75	2 1/2	1,162.07	2 1/2	1,162.07	2 1/2	809.36	2 1/2	451.37	2 1/2	94.77	2 1/2		2 1/2		2 1/2	
2 3/4	2,239.34	2 3/4	1,876.14	2 3/4	1,513.21	2 3/4	1,154.62	2 3/4	1,154.62	2 3/4	801.99	2 3/4	443.78	2 3/4	89.71	2 3/4		2 3/4		2 3/4	
3	2,231.77	3	1,868.58	3	1,505.67	3	1,147.18	3	1,147.18	3	794.61	3	436.20	3	84.66	3		3		3	
3 1/4	2,224.21	3 1/4	1,861.01	3 1/4	1,498.12	3 1/4	1,139.73	3 1/4	1,139.73	3 1/4	787.23	3 1/4	428.61	3 1/4	79.61	3 1/4		3 1/4		3 1/4	
3 1/2	2,216.64	3 1/2	1,853.44	3 1/2	1,490.58	3 1/2	1,132.34	3 1/2	1,132.34	3 1/2	779.86	3 1/2	421.02	3 1/2	75.20	3 1/2		3 1/2		3 1/2	
3 3/4	2,209.07	3 3/4	1,845.88	3 3/4	1,483.04	3 3/4	1,125.00	3 3/4	1,125.00	3 3/4	772.48	3 3/4	413.43	3 3/4	71.42	3 3/4		3 3/4		3 3/4	
4	2,201.51	4	1,838.31	4	1,475.49	4	1,117.66	4	1,117.66	4	765.10	4	405.85	4	67.64	4		4		4	
4 1/4	2,193.94	4 1/4	1,830.74	4 1/4	1,467.95	4 1/4	1,110.33	4 1/4	1,110.33	4 1/4	757.72	4 1/4	398.26	4 1/4	63.87	4 1/4		4 1/4		4 1/4	
4 1/2	2,186.37	4 1/2	1,823.18	4 1/2	1,460.45	4 1/2	1,102.99	4 1/2	1,102.99	4 1/2	750.36	4 1/2	390.56	4 1/2	60.73	4 1/2		4 1/2		4 1/2	
4 3/4	2,178.81	4 3/4	1,815.61	4 3/4	1,452.99	4 3/4	1,095.66	4 3/4	1,095.66	4 3/4	742.97	4 3/4	383.08	4 3/4	58.24	4 3/4		4 3/4		4 3/4	
5	2,171.24	5	1,808.04	5	1,445.52	5	1,088.33	5	1,088.33	5	735.59	5	376.50	5	55.75	5		5		5	
5 1/4	2,163.67	5 1/4	1,800.48	5 1/4	1,438.06	5 1/4	1,081.00	5 1/4	1,081.00	5 1/4	728.22	5 1/4	367.91	5 1/4	53.26	5 1/4		5 1/4		5 1/4	
5 1/2	2,156.11	5 1/2	1,792.91	5 1/2	1,430.63	5 1/2	1,073.67	5 1/2	1,073.67	5 1/2	720.84	5 1/2	360.32	5 1/2	51.41	5 1/2		5 1/2		5 1/2	
5 3/4	2,148.54	5 3/4	1,785.34	5 3/4	1,423.24	5 3/4	1,066.34	5 3/4	1,066.34	5 3/4	713.46	5 3/4	352.73	5 3/4	50.21	5 3/4		5 3/4		5 3/4	
6	2,140.97	6	1,777.78	6	1,415.85	6	1,059.01	6	1,059.01	6	706.08	6	346.15	6	49.01	6		6		6	
6 1/4	2,133.41	6 1/4	1,770.21	6 1/4	1,408.45	6 1/4	1,051.68	6 1/4	1,051.68	6 1/4	698.71	6 1/4	337.56	6 1/4	47.82	6 1/4		6 1/4		6 1/4	
6 1/2	2,125.84	6 1/2	1,762.64	6 1/2	1,401.05	6 1/2	1,044.35	6 1/2	1,044.35	6 1/2	691.33	6 1/2	329.97	6 1/2	47.22	6 1/2		6 1/2		6 1/2	
6 3/4	2,118.27	6 3/4	1,755.08	6 3/4	1,393.66	6 3/4	1,037.02	6 3/4	1,037.02	6 3/4	683.95	6 3/4	322.38	6 3/4	46.42	6 3/4		6 3/4		6 3/4	
7	2,110.71	7	1,747.51	7	1,386.24	7	1,029.69	7	1,029.69	7	676.58	7	314.80	7	45.62	7		7		7	
7 1/4	2,103.14	7 1/4	1,739.94	7 1/4	1,378.84	7 1/4	1,022.36	7 1/4	1,022.36	7 1/4	669.20	7 1/4	307.21	7 1/4	44.82	7 1/4		7 1/4		7 1/4	
7 1/2	2,095.57	7 1/2	1,732.38	7 1/2	1,371.43	7 1/2	1,015.03	7 1/2	1,015.03	7 1/2	661.82	7 1/2	299.62	7 1/2	44.02	7 1/2		7 1/2		7 1/2	
7 3/4	2,088.01	7 3/4	1,724.81	7 3/4	1,364.02	7 3/4	1,007.70	7 3/4	1,007.70	7 3/4	654.45	7 3/4	292.03	7 3/4	43.22	7 3/4		7 3/4		7 3/4	
8	2,080.44	8	1,717.24	8	1,356.62	8	1,000.37	8	1,000.37	8	647.07	8	284.45	8	42.42	8		8		8	
8 1/4	2,072.88	8 1/4	1,709.68	8 1/4	1,349.21	8 1/4	993.04	8 1/4	993.04	8 1/4	639.69	8 1/4	276.86	8 1/4	41.62	8 1/4		8 1/4		8 1/4	
8 1/2	2,065.31	8 1/2	1,702.11	8 1/2	1,341.81	8 1/2	985.71	8 1/2	985.71	8 1/2	632.31	8 1/2	269.27	8 1/2	40.82	8 1/2		8 1/2		8 1/2	
8 3/4	2,057.74	8 3/4	1,694.54	8 3/4	1,334.40	8 3/4	978.38	8 3/4	978.38	8 3/4	624.94	8 3/4	261.68	8 3/4	40.02	8 3/4		8 3/4		8 3/4	
9	2,050.18	9	1,686.98	9	1,326.99	9	971.05	9	971.05	9	617.56	9	254.10	9	39.22	9		9		9	
9 1/4	2,042.61	9 1/4	1,679.41	9 1/4	1,319.59	9 1/4	963.72	9 1/4	963.72	9 1/4	610.18	9 1/4	246.51	9 1/4	38.42	9 1/4		9 1/4		9 1/4	
9 1/2	2,035.04	9 1/2	1,671.84	9 1/2	1,312.19	9 1/2	956.38	9 1/2	956.38	9 1/2	602.75	9 1/2	238.92	9 1/2	37.62	9 1/2		9 1/2		9 1/2	
9 3/4	2,027.48	9 3/4	1,664.28	9 3/4	1,304.79	9 3/4	949.04	9 3/4	949.04	9 3/4	595.27	9 3/4	231.33	9 3/4	36.82	9 3/4		9 3/4		9 3/4	
10	2,019.91	10	1,656.71	10	1,297.39	10	941.70	10	941.70	10	587.79	10	223.75	10	36.02	10		10		10	
10 1/4	2,012.34	10 1/4	1,649.14	10 1/4	1,289.99	10 1/4	934.36	10 1/4	934.36	10 1/4	580.31	10 1/4	216.16	10 1/4	35.22	10 1/4		10 1/4		10 1/4	
10 1/2	2,004.78	10 1/2	1,641.58	10 1/2	1,282.56	10 1/2	927.02	10 1/2	927.02	10 1/2	572.77	10 1/2	208.57	10 1/2	34.42	10 1/2		10 1/2		10 1/2	
10 3/4	1,997.21	10 3/4	1,634.01	10 3/4	1,275.09	10 3/4	919.67	10 3/4	919.67	10 3/4	565.18	10 3/4	200.98	10 3/4	33.62	10 3/4		10 3/4		10 3/4	
11	1,989.64	11	1,626.44	11	1,267.62	11	912.32	11	912.32	11	557.60	11	193.40	11	32.82	11		11		11	
11 1/4	1,982.08	11 1/4	1,618.87	11 1/4	1,260.15	11 1/4	904.98	11 1/4	904.98	11 1/4	550.01	11 1/4	185.81	11 1/4	32.02	11 1/4		11 1/4		11 1/4	
11 1/2	1,974.51	11 1/2	1,611.31	11 1/2	1,252.64	11 1/2	897.63	11 1/2	897.63	11 1/2	542.42	11 1/2	178.22	11 1/2	31.22	11 1/2		11 1/2		11 1/2	
11 3/4	1,966.94	11 3/4	1,603.76	11 3/4	1,245.08	11 3/4	890.28	11 3/4	890.28	11 3/4	534.83	11 3/4	170.63	11 3/4	30.42	11 3/4		11 3/4		11 3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 04/06/2004 CL - 8W
CALCULATED: 04/07/2004 CL
PRINTED: 04/07/2004 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2004

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77665
<http://www.pmscorp.net>



BARGE "KIRBY 28062"

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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	2,336.34	0	1,972.06	0	1,607.77	0	1,243.35	0	883.99	0	519.84	0	155.01	0	0	0	0	0	0
1/4	2,328.75	1/4	1,964.47	1/4	1,600.18	1/4	1,239.76	1/4	876.43	1/4	512.25	1/4	148.08	1/4	0	0	0	0	0
1/2	2,321.16	1/2	1,956.88	1/2	1,592.59	1/2	1,232.17	1/2	868.86	1/2	504.66	1/2	140.81	1/2	0	0	0	0	0
3/4	2,313.58	3/4	1,949.29	3/4	1,585.00	3/4	1,224.58	3/4	861.30	3/4	497.07	3/4	133.53	3/4	0	0	0	0	0
1	2,305.99	1	1,941.70	1	1,577.41	1	1,216.99	1	853.74	1	489.48	1	126.28	1	0	0	0	0	0
1 1/4	2,298.40	1 1/4	1,934.11	1 1/4	1,569.82	1 1/4	1,209.40	1 1/4	846.17	1 1/4	481.89	1 1/4	119.46	1 1/4	0	0	0	0	0
1 1/2	2,290.81	1 1/2	1,926.52	1 1/2	1,562.23	1 1/2	1,201.81	1 1/2	838.59	1 1/2	474.30	1 1/2	113.14	1 1/2	0	0	0	0	0
3/4	2,283.22	3/4	1,918.93	3/4	1,554.64	3/4	1,194.22	3/4	831.01	3/4	466.71	3/4	106.81	3/4	0	0	0	0	0
2	2,275.63	2	1,911.34	2	1,547.05	2	1,186.63	2	823.44	2	459.12	2	100.49	2	0	0	0	0	0
1 1/4	2,268.04	1 1/4	1,903.75	1 1/4	1,539.46	1 1/4	1,179.04	1 1/4	815.85	1 1/4	451.53	1 1/4	94.80	1 1/4	0	0	0	0	0
1 1/2	2,260.45	1 1/2	1,896.16	1 1/2	1,531.87	1 1/2	1,171.45	1 1/2	808.26	1 1/2	443.94	1 1/2	89.75	1 1/2	0	0	0	0	0
3/4	2,252.86	3/4	1,888.57	3/4	1,524.28	3/4	1,163.86	3/4	800.67	3/4	436.35	3/4	84.69	3/4	0	0	0	0	0
3	2,245.27	3	1,880.98	3	1,516.69	3	1,156.27	3	793.08	3	428.76	3	79.54	3	0	0	0	0	0
1 1/4	2,237.68	1 1/4	1,873.40	1 1/4	1,509.10	1 1/4	1,148.69	1 1/4	785.49	1 1/4	421.17	1 1/4	75.22	1 1/4	0	0	0	0	0
1 1/2	2,230.09	1 1/2	1,865.81	1 1/2	1,501.51	1 1/2	1,141.11	1 1/2	777.90	1 1/2	413.58	1 1/2	71.45	1 1/2	0	0	0	0	0
3/4	2,222.50	3/4	1,858.22	3/4	1,493.93	3/4	1,133.53	3/4	770.31	3/4	405.99	3/4	67.67	3/4	0	0	0	0	0
4	2,214.92	4	1,850.63	4	1,486.34	4	1,125.95	4	762.72	4	398.40	4	63.89	4	0	0	0	0	0
1 1/4	2,207.33	1 1/4	1,843.04	1 1/4	1,478.75	1 1/4	1,118.38	1 1/4	755.13	1 1/4	390.81	1 1/4	60.75	1 1/4	0	0	0	0	0
1 1/2	2,199.74	1 1/2	1,835.45	1 1/2	1,471.28	1 1/2	1,110.82	1 1/2	747.54	1 1/2	383.22	1 1/2	58.26	1 1/2	0	0	0	0	0
3/4	2,192.15	3/4	1,827.86	3/4	1,463.77	3/4	1,103.26	3/4	739.95	3/4	375.63	3/4	55.77	3/4	0	0	0	0	0
5	2,184.56	5	1,820.27	5	1,456.26	5	1,095.70	5	732.36	5	368.04	5	53.27	5	0	0	0	0	0
1 1/4	2,176.97	1 1/4	1,812.68	1 1/4	1,448.79	1 1/4	1,088.13	1 1/4	724.77	1 1/4	360.45	1 1/4	51.43	1 1/4	0	0	0	0	0
1 1/2	2,169.38	1 1/2	1,805.09	1 1/2	1,441.37	1 1/2	1,080.57	1 1/2	717.18	1 1/2	352.86	1 1/2	50.23	1 1/2	0	0	0	0	0
3/4	2,161.79	3/4	1,797.50	3/4	1,433.94	3/4	1,073.01	3/4	709.59	3/4	345.27	3/4	49.03	3/4	0	0	0	0	0
6	2,154.20	6	1,789.91	6	1,426.51	6	1,065.45	6	702.00	6	337.68	6	47.83	6	0	0	0	0	0
1 1/4	2,146.61	1 1/4	1,782.32	1 1/4	1,419.08	1 1/4	1,057.89	1 1/4	694.41	1 1/4	330.09	1 1/4	47.24	1 1/4	0	0	0	0	0
1 1/2	2,139.02	1 1/2	1,774.73	1 1/2	1,411.66	1 1/2	1,050.33	1 1/2	686.82	1 1/2	322.50	1 1/2	46.50	1 1/2	0	0	0	0	0
3/4	2,131.43	3/4	1,767.14	3/4	1,404.23	3/4	1,042.77	3/4	679.24	3/4	314.91	3/4	45.77	3/4	0	0	0	0	0
7	2,123.85	7	1,759.55	7	1,396.80	7	1,035.21	7	671.65	7	307.32	7	45.03	7	0	0	0	0	0
1 1/4	2,116.26	1 1/4	1,751.96	1 1/4	1,389.37	1 1/4	1,027.64	1 1/4	664.06	1 1/4	299.73	1 1/4	44.29	1 1/4	0	0	0	0	0
1 1/2	2,108.67	1 1/2	1,744.38	1 1/2	1,381.95	1 1/2	1,020.08	1 1/2	656.47	1 1/2	292.14	1 1/2	43.55	1 1/2	0	0	0	0	0
3/4	2,101.08	3/4	1,736.79	3/4	1,374.52	3/4	1,012.52	3/4	648.88	3/4	284.55	3/4	42.81	3/4	0	0	0	0	0
8	2,093.49	8	1,729.20	8	1,367.09	8	1,004.96	8	641.29	8	276.96	8	42.07	8	0	0	0	0	0
1 1/4	2,085.90	1 1/4	1,721.61	1 1/4	1,359.66	1 1/4	997.40	1 1/4	633.70	1 1/4	269.37	1 1/4	41.33	1 1/4	0	0	0	0	0
1 1/2	2,078.31	1 1/2	1,714.02	1 1/2	1,352.23	1 1/2	989.84	1 1/2	626.11	1 1/2	261.78	1 1/2	40.59	1 1/2	0	0	0	0	0
3/4	2,070.72	3/4	1,706.43	3/4	1,344.81	3/4	982.28	3/4	618.52	3/4	254.19	3/4	39.85	3/4	0	0	0	0	0
9	2,063.13	9	1,698.84	9	1,337.38	9	974.72	9	610.93	9	246.60	9	39.11	9	0	0	0	0	0
1 1/4	2,055.54	1 1/4	1,691.25	1 1/4	1,329.95	1 1/4	967.16	1 1/4	603.34	1 1/4	239.01	1 1/4	38.37	1 1/4	0	0	0	0	0
1 1/2	2,047.95	1 1/2	1,683.66	1 1/2	1,322.52	1 1/2	959.60	1 1/2	595.75	1 1/2	231.42	1 1/2	37.63	1 1/2	0	0	0	0	0
3/4	2,040.36	3/4	1,676.07	3/4	1,315.09	3/4	952.04	3/4	588.16	3/4	223.83	3/4	36.89	3/4	0	0	0	0	0
10	2,032.77	10	1,668.48	10	1,307.67	10	944.47	10	580.57	10	216.23	10	36.15	10	0	0	0	0	0
1 1/4	2,025.19	1 1/4	1,660.89	1 1/4	1,300.20	1 1/4	936.91	1 1/4	572.97	1 1/4	208.64	1 1/4	35.41	1 1/4	0	0	0	0	0
1 1/2	2,017.60	1 1/2	1,653.30	1 1/2	1,292.69	1 1/2	929.35	1 1/2	565.38	1 1/2	201.05	1 1/2	34.67	1 1/2	0	0	0	0	0
3/4	2,010.01	3/4	1,645.71	3/4	1,285.18	3/4	921.79	3/4	557.79	3/4	193.46	3/4	33.93	3/4	0	0	0	0	0
11	2,002.42	11	1,638.12	11	1,277.67	11	914.23	11	550.20	11	185.87	11	33.19	11	0	0	0	0	0
1 1/4	1,994.83	1 1/4	1,630.53	1 1/4	1,270.12	1 1/4	906.67	1 1/4	542.61	1 1/4	178.28	1 1/4	32.45	1 1/4	0	0	0	0	0
1 1/2	1,987.24	1 1/2	1,622.94	1 1/2	1,262.53	1 1/2	898.11	1 1/2	535.02	1 1/2	170.69	1 1/2	31.71	1 1/2	0	0	0	0	0
3/4	1,979.65	3/4	1,615.36	3/4	1,254.94	3/4	891.55	3/4	527.43	3/4	163.10	3/4	30.97	3/4	0	0	0	0	0

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2004 CL - 8M
CALCULATED: 04/07/2004 CL
PRINTED: 04/07/2004 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2004

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