



BARGE "KIRBY 9501B"

ULLAGE TRIM TABLE

FORMERLY "DC 403"

	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	- 01-7/8	01-7/8	- 03-3/4	03-3/4	- 05-5/8	05-5/8	- 07-5/8	07-5/8	- 09-1/2	09-1/2	- 11-3/8	11-3/8
1 STBD	- 01-7/8	01-7/8	- 03-3/4	03-3/4	- 05-5/8	05-5/8	- 07-5/8	07-5/8	- 09-1/2	09-1/2	- 11-3/8	11-3/8
2 PORT	- 01-7/8	01-7/8	- 03-3/4	03-3/4	- 05-5/8	05-5/8	- 07-5/8	07-5/8	- 09-1/2	09-1/2	- 11-3/8	11-3/8
2 STBD	- 01-7/8	01-7/8	- 03-3/4	03-3/4	- 05-5/8	05-5/8	- 07-5/8	07-5/8	- 09-1/2	09-1/2	- 11-3/8	11-3/8
3 PORT	01-7/8	- 01-7/8	03-3/4	- 03-3/4	05-5/8	- 05-5/8	07-1/2	- 07-1/2	09-3/8	- 09-3/8	11-1/4	- 11-1/4
3 STBD	01-7/8	- 01-7/8	03-3/4	- 03-3/4	05-5/8	- 05-5/8	07-1/2	- 07-1/2	09-3/8	- 09-3/8	11-1/4	- 11-1/4

(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 03-3/4"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-03 3/4"

LENGTH BETWEEN DRAFT MARKS: 192'-00"

August 26, 2005

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

<http://www.pmacorp.net>

BARGE "KIRBY 9501B"

1 PORT

ULLAGE TABLE

GAUGE HEIGHT 11'-08 1/4"

FORMER Y "DC 403"

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

[illegible]

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE IS FROM BOTTOM OF SUMP.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN T 6" DIAMETER HATCH ON EXPANSION DOME.

GAUGE POINT: (MANUAL) LOCATED 1'-06" OFF CENTERLINE AND 2'-00" FORWARD OF AFT BULKHEAD.

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

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rland, Texas 77588

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BARGE "KIRBY 9501B"

1 PORT
ULLAGE TABLE

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

FORMERLY "DC 403"

GAUGE HEIGHT 11'-08 1/4"

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
0	120.68	0	1.36	0		0		0		0		0		0		0		0	
1/4	116.50	1/4	0.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112.33	1/2	0.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108.15	3/4	0.49	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	103.98	1	0.32	1		1		1		1		1		1		1		1	
1 1/4	99.81	1 1/4	0.14	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	95.64	1 1/2	0.14	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	91.47	1 3/4	0.12	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	87.30	2	0.12	2		2		2		2		2		2		2		2	
2 1/4	83.13	2 1/4	0.12	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	78.96	2 1/2	0.12	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	74.79	2 3/4	0.10	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	70.62	3	0.10	3		3		3		3		3		3		3		3	
3 1/4	66.45	3 1/4	0.10	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	62.28	3 1/2	0.07	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	58.11	3 3/4	0.07	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	53.94	4	0.07	4		4		4		4		4		4		4		4	
4 1/4	49.77	4 1/4	0.07	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	45.60	4 1/2	0.07	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	41.43	4 3/4	0.05	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	37.26	5	0.05	5		5		5		5		5		5		5		5	
5 1/4	33.09	5 1/4	0.05	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	28.92	5 1/2	0.05	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	24.75	5 3/4	0.02	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	20.58	6	0.02	6		6		6		6		6		6		6		6	
6 1/4	16.41	6 1/4	0.02	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	12.24	6 1/2	0.02	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	8.07	6 3/4	0.02	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	3.90	7	0.00	7		7		7		7		7		7		7		7	
7 1/4	24.83	7 1/4	0.00	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	20.66	7 1/2	0.00	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	16.49	7 3/4	0.00	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	12.32	8	0.00	8		8		8		8		8		8		8		8	
8 1/4	8.15	8 1/4	0.00	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	3.98	8 1/2	0.00	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	24.83	8 3/4	0.00	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	20.66	9	0.00	9		9		9		9		9		9		9		9	
9 1/4	16.49	9 1/4	0.00	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	12.32	9 1/2	0.00	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	8.15	9 3/4	0.00	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	3.98	10	0.00	10		10		10		10		10		10		10		10	
10 1/4	24.83	10 1/4	0.00	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	20.66	10 1/2	0.00	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	16.49	10 3/4	0.00	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	12.32	11	0.00	11		11		11		11		11		11		11		11	
11 1/4	8.15	11 1/4	0.00	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	3.98	11 1/2	0.00	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	24.83	11 3/4	0.00	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	20.66	12	0.00	12		12		12		12		12		12		12		12	
12 1/4	16.49	12 1/4	0.00	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	12.32	12 1/2	0.00	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	8.15	12 3/4	0.00	12 3/4		12 3/4		12 3/4		12 3/4		12 3/4		12 3/4		12 3/4		12 3/4	
13	3.98	13	0.00	13		13		13		13		13		13		13		13	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/30/1975 CM
DECK MEASUREMENTS: 08/26/2005 CL
REPRINTED: 08/26/2005 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2005

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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Paul J. Evans



BARGE "KIRBY 9501B"

1 STBD

ULLAGE TABLE

GAUGE HEIGHT 11'-08 1/4"

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

FORMERLY "DC 403"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE IS FROM BOTTOM OF SUMP.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN T 6" DIAMETER HATCH ON EXPANSION DOME.

GAUGE POINT: (MANUAL) LOCATED 1'-06" OFF CENTERLINE AND 2'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2052
Pearland, Texas 77588
<http://www.pmacorp.net>

Signature



BARGE "KIRBY 9501B"

1 STBD

ULLAGE TABLE

CAPACITIES IN WHOLE BARRELS OF 42 U.S. GALLONS										FORMERLY "DC 403"										GAUGE HEIGHT 11'-08 1/4"									
10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.											
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0										
0	120.68	0	1.36	0		0		0		0		0		0		0		0											
1/4	116.50	1/4	0.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	112.33	1/2	0.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											
3/4	108.15	3/4	0.49	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4											
1	103.98	1	0.32	1		1		1		1		1		1		1		1											
1/4	99.81	1/4	0.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	95.61	1/2	0.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											
3/4	91.41	3/4	0.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4											
2	87.21	2	0.12	2		2		2		2		2		2		2		2											
1/4	83.01	1/4	0.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	80.16	1/2	0.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											
3/4	76.51	3/4	0.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4											
3	72.86	3	0.10	3		3		3		3		3		3		3		3											
1/4	69.21	1/4	0.10	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	65.92	1/2	0.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											
3/4	62.62	3/4	0.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4											
4	59.32	4	0.07	4		4		4		4		4		4		4		4											
1/4	56.02	1/4	0.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	53.07	1/2	0.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											
3/4	50.12	3/4	0.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4											
5	47.17	5	0.05	5		5		5		5		5		5		5		5											
1/4	44.21	1/4	0.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	41.62	1/2	0.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											
3/4	39.02	3/4	0.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4											
6	36.43	6	0.02	6		6		6		6		6		6		6		6											
1/4	33.83	1/4	0.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	31.58	1/2	0.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											
3/4	29.33	3/4	0.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4											
7	27.08	7	0.00	7		7		7		7		7		7		7		7											
1/4	24.83	1/4	0.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	22.94	1/2	0.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											
3/4	21.05	3/4	0.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4											
8	19.15	8	0.00	8		8		8		8		8		8		8		8											
1/4	17.26	1/4	0.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	15.72	1/2	0.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											
3/4	14.18	3/4	0.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4											
9	12.64	9	0.00	9		9		9		9		9		9		9		9											
1/4	11.10	1/4	0.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	9.90	1/2	0.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											
3/4	8.71	3/4	0.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4											
10	7.52	10	0.00	10		10		10		10		10		10		10		10											
1/4	6.33	1/4	0.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	5.49	1/2	0.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											
3/4	4.64	3/4	0.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4											
11	3.80	11	0.00	11		11		11		11		11		11		11		11											
1/4	2.95	1/4	0.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4											
1/2	2.42	1/2	0.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2											



BARGE "KIRBY 9501B"

2 PORT ULLAGE TABLE

GAUGE HEIGHT 11'-08"

FORMERLY "DC 403"

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

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	0	1,533.76	0	1,331.55	0	1,129.33	0	927.14	0	724.93	0	522.71	0	320.93	0
1/4	1/4	1/4	1/4	1/4	1/4	1,529.55	1/4	1,327.33	1/4	1,125.12	1/4	922.93	1/4	720.71	1/4	518.50	1/4	316.73	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,525.33	1/2	1,323.12	1/2	1,120.92	1/2	918.71	1/2	716.50	1/2	514.29	1/2	312.52	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,521.12	3/4	1,318.90	3/4	1,116.71	3/4	914.50	3/4	712.29	3/4	510.07	3/4	308.32	3/4
1	1	1	1	1	1	1,516.90	1	1,314.69	1	1,112.50	1	910.29	1	708.07	1	505.86	1	304.12	1
1/4	1/4	1/4	1/4	1/4	1/4	1,512.69	1/4	1,310.48	1/4	1,108.29	1/4	906.07	1/4	703.86	1/4	501.65	1/4	299.92	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,508.48	1/2	1,306.27	1/2	1,104.07	1/2	901.86	1/2	699.64	1/2	497.44	1/2	295.71	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,504.26	3/4	1,302.07	3/4	1,099.86	3/4	897.64	3/4	695.43	3/4	493.23	3/4	291.51	3/4
2	2	2	2	2	2	1,500.05	2	1,297.86	2	1,095.64	2	893.43	2	691.21	2	489.02	2	287.31	2
1/4	1/4	1/4	1/4	1/4	1/4	1,495.84	1/4	1,293.64	1/4	1,091.43	1/4	889.21	1/4	687.01	1/4	484.81	1/4	283.10	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,491.63	1/2	1,289.43	1/2	1,087.21	1/2	885.00	1/2	682.80	1/2	480.60	1/2	278.88	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,487.42	3/4	1,285.21	3/4	1,083.00	3/4	880.79	3/4	678.59	3/4	476.38	3/4	274.67	3/4
3	3	3	3	3	3	1,483.21	3	1,281.00	3	1,078.79	3	876.57	3	674.38	3	472.17	3	270.45	3
1/4	1/4	1/4	1/4	1/4	1/4	1,479.00	1/4	1,276.79	1/4	1,074.57	1/4	872.36	1/4	670.17	1/4	467.96	1/4	266.24	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,474.79	1/2	1,272.57	1/2	1,070.36	1/2	868.15	1/2	665.95	1/2	463.75	1/2	262.02	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,470.57	3/4	1,268.36	3/4	1,066.14	3/4	863.95	3/4	661.74	3/4	459.54	3/4	257.81	3/4
4	4	4	4	4	4	1,466.36	4	1,264.14	4	1,061.93	4	859.74	4	657.52	4	455.33	4	253.60	4
1/4	1/4	1/4	1/4	1/4	1/4	1,462.14	1/4	1,259.93	1/4	1,057.72	1/4	855.52	1/4	653.31	1/4	451.14	1/4	249.39	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,457.93	1/2	1,255.71	1/2	1,053.51	1/2	851.31	1/2	649.10	1/2	446.94	1/2	245.18	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,453.71	3/4	1,251.50	3/4	1,049.30	3/4	847.10	3/4	644.88	3/4	442.74	3/4	240.97	3/4
5	5	5	5	5	5	1,449.50	5	1,247.29	5	1,045.10	5	842.88	5	640.67	5	438.55	5	236.76	5
1/4	1/4	1/4	1/4	1/4	1/4	1,445.29	1/4	1,243.08	1/4	1,040.88	1/4	838.67	1/4	636.45	1/4	434.35	1/4	232.55	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,441.07	1/2	1,238.87	1/2	1,036.67	1/2	834.45	1/2	632.24	1/2	430.14	1/2	228.33	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,436.86	3/4	1,234.66	3/4	1,032.45	3/4	830.24	3/4	628.02	3/4	425.94	3/4	224.12	3/4
6	6	6	6	6	6	1,432.64	6	1,230.45	6	1,028.24	6	826.02	6	623.81	6	421.74	6	219.90	6
1/4	1/4	1/4	1/4	1/4	1/4	1,428.43	1/4	1,226.24	1/4	1,024.02	1/4	821.81	1/4	619.60	1/4	417.54	1/4	215.69	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,424.23	1/2	1,222.02	1/2	1,019.81	1/2	817.60	1/2	615.39	1/2	413.33	1/2	211.48	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,420.02	3/4	1,217.81	3/4	1,015.60	3/4	813.38	3/4	611.18	3/4	409.13	3/4	207.26	3/4
7	7	7	7	7	7	1,415.81	7	1,213.60	7	1,011.38	7	809.17	7	606.98	7	404.93	7	203.05	7
1/4	1/4	1/4	1/4	1/4	1/4	1,411.60	1/4	1,209.38	1/4	1,007.17	1/4	804.96	1/4	602.76	1/4	400.73	1/4	198.84	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,407.38	1/2	1,205.17	1/2	1,002.95	1/2	800.75	1/2	598.55	1/2	396.54	1/2	194.63	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,403.17	3/4	1,200.95	3/4	998.74	3/4	796.54	3/4	594.33	3/4	392.34	3/4	190.42	3/4
8	8	8	8	8	8	1,398.95	8	1,196.74	8	994.52	8	792.33	8	590.12	8	388.14	8	186.21	8
1/4	1/4	1/4	1/4	1/4	1/4	1,394.74	1/4	1,192.52	1/4	990.32	1/4	788.12	1/4	585.90	1/4	383.94	1/4	182.00	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,390.52	1/2	1,188.31	1/2	986.11	1/2	783.90	1/2	581.69	1/2	379.74	1/2	177.79	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,386.31	3/4	1,184.10	3/4	981.90	3/4	779.69	3/4	577.48	3/4	375.54	3/4	173.57	3/4
9	9	9	9	9	9	1,382.10	9	1,179.88	9	977.69	9	775.48	9	573.26	9	371.33	9	169.36	9
1/4	1/4	1/4	1/4	1/4	1/4	1,377.88	1/4	1,175.67	1/4	973.48	1/4	771.26	1/4	569.05	1/4	367.13	1/4	165.14	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,373.67	1/2	1,171.46	1/2	969.26	1/2	767.05	1/2	564.85	1/2	362.93	1/2	160.93	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,369.45	3/4	1,167.26	3/4	965.05	3/4	762.83	3/4	560.64	3/4	358.73	3/4	156.71	3/4
10	10	10	10	10	10	1,365.24	10	1,163.05	10	960.83	10	758.62	10	556.43	10	354.52	10	152.50	10
1/4	1/4	1/4	1/4	1/4	1/4	1,361.03	1/4	1,158.83	1/4	956.62	1/4	754.41	1/4	552.21	1/4	350.33	1/4	148.29	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,356.82	1/2	1,154.62	1/2	952.40	1/2	750.20	1/2	548.00	1/2	346.13	1/2	144.08	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,352.61	3/4	1,150.40	3/4	948.19	3/4	745.99	3/4	543.79	3/4	341.93	3/4	139.87	3/4
11	11	11	11	11	11	1,348.40	11	1,146.19	11	943.98	11	741.79	11	539.57	11	337.74	11	135.67	11
1/4	1/4	1/4	1/4	1/4	1/4	1,344.19	1/4	1,141.98	1/4	939.77	1/4	737.57	1/4	535.36	1/4	333.54	1/4	131.47	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1,339.98	1/2	1,137.76	1/2	935.56	1/2	733.36	1/2	531.14	1/2	329.33	1/2	127.27	1/2
3/4	3/4	3/4	3/4	3/4	3/4	1,335.76	3/4	1,133.55	3/4	931.35	3/4	729.14	3/4	526.93	3/4	325.13	3/4	123.08	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE IS FROM BOTTOM OF SUMP.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN 1" 6" DIAMETER HATCH ON EXPANSION DOME.
GAUGE POINT: (MANUAL) LOCATED 1'-06" OFF CENTERLINE AND 2'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

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Signature



BARGE "KIRBY 9501B"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS										FORMERLY "DC 403"										GAUGE HEIGHT 11'-08"									
10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.											
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0										
0	118.88	0	0.86																										
1/4	114.70	1/4	0.68	1/4	1/4		1/4		1/4	1/4	1/4		1/4	1/4	1/4		1/4	1/4											
1/2	110.51	1/2	0.50	1/2	1/2		1/2		1/2	1/2	1/2		1/2	1/2	1/2		1/2	1/2											
3/4	106.33	3/4	0.32	3/4	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4		3/4	3/4											
1	102.14	1	0.14	1	1		1		1	1	1		1	1	1		1	1											
1 1/4	98.06	1 1/4	0.14	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	93.98	1 1/2	0.12	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											
3/4	89.89	3/4	0.12	3/4	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4		3/4	3/4											
2	85.81	2	0.12	2	2		2		2	2	2		2	2	2		2	2											
1 1/4	82.07	1 1/4	0.12	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	78.33	1 1/2	0.10	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											
3/4	74.60	3/4	0.10	3/4	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4		3/4	3/4											
3	70.86	3	0.10	3	3		3		3	3	3		3	3	3		3	3											
1 1/4	67.48	1 1/4	0.10	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	64.11	1 1/2	0.07	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											
3/4	60.73	3/4	0.07	3/4	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4		3/4	3/4											
4	57.36	4	0.07	4	4		4		4	4	4		4	4	4		4	4											
1 1/4	54.34	1 1/4	0.07	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	51.32	1 1/2	0.05	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											
3/4	48.30	3/4	0.05	3/4	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4		3/4	3/4											
5	45.29	5	0.05	5	5		5		5	5	5		5	5	5		5	5											
1 1/4	42.62	1 1/4	0.05	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	39.96	1 1/2	0.02	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											
3/4	37.30	3/4	0.02	3/4	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4		3/4	3/4											
6	34.64	6	0.02	6	6		6		6	6	6		6	6	6		6	6											
1 1/4	32.34	1 1/4	0.02	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	30.04	1 1/2	0.02	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											
3/4	27.73	3/4	0.00	3/4	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4		3/4	3/4											
7	25.43	7	0.00	7	7		7		7	7	7		7	7	7		7	7											
1 1/4	23.49	1 1/4	0.00	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	21.55	1 1/2	0.00	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											
3/4	19.61	3/4	0.00	3/4	3/4		3/4		3/4	3/4	3/4		3/4	3/4	3/4		3/4	3/4											
8	17.67	8	0.00	8	8		8		8	8	8		8	8	8		8	8											
1 1/4	16.09	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	14.51	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											
3/4	12.93	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	11.36	9		9	9		9		9	9	9		9	9	9		9	9											
1 1/4	10.14	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	8.92	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											
3/4	7.70	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	6.48	10		10	10		10		10	10	10		10	10	10		10	10											
1 1/4	5.61	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	4.74	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	1 1/2		1 1/2	1 1/2											
3/4	3.87	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	3.00	11		11	11		11		11	11	11		11	11	11		11	11											
1 1/4	2.46	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	1.93	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											
3/4	1.39	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.																													

ULLAGE TABLE

[illegible]

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE IS FROM BOTTOM OF SUMP.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

GAUGE POINT: (MANUAL) LOCATED 1'-06" OFF CENTERLINE AND 2'-00" FORWARD OF AFT BULKHEAD.

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092

Pearland, Texas 77588

True Love



BARGE "KIRBY 9501B"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS										FORMERLY "DC 403"										GAUGE HEIGHT 11'-08"									
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	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	118.88	0	0.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	114.70	1/4	0.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110.51	1/2	0.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	106.33	3/4	0.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	102.14	1	0.14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	98.06	1/4	0.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	93.98	1/2	0.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	89.89	3/4	0.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	85.81	2	0.12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	82.07	1/4	0.12	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	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78.33	1/2	0.10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	74.60	3/4	0.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	70.86	3	0.10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	67.48	1/4	0.10	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	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64.11	1/2	0.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	60.73	3/4	0.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	57.36	4	0.07	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	54.34	1/4	0.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51.32	1/2	0.05	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	48.30	3/4	0.05	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	45.29	5	0.05	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	42.62	1/4	0.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	39.96	1/2	0.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	37.30	3/4	0.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	34.64	6	0.02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	32.34	1/4	0.02	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	30.04	1/2	0.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	27.73	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	25.43	7	0.00	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	23.49	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21.55	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	19.61	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	17.67	8	0.00	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	16.09	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	14.51	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	12.93	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	11.36	9	0.00	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	10.14	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	8.92	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	7.70	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	6.48	10	0.00	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	5.61	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4.74	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3.87	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	3.00	11	0.00	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	2.46	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1.93	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1.39	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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.

STRAPPED: 05/30/1975 CM
DECK MEASUREMENTS: 08/26/2005 CL
REPRINTED: 08/26/2005 CL
CANCELS AND SUPER

3 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS										FORMERLY "DC 403"										GAUGE HEIGHT 11'-08"									
0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.		
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
0		1/4	1,522.38	1/4	1,320.93	1/4	1,119.45	1/4	917.98	1/4	716.52	1/4	515.05	1/4	313.47	1/4	111.88	1/4	913.78	1/4	712.33	1/4	510.85	1/4	309.48	1/4	108.00		
1	1	1/2	1,513.99	1/2	1,312.54	1/2	1,111.06	1/2	908.58	1/2	708.13	1/2	506.65	1/2	305.29	1/2	107.13	1/2	905.39	1/2	703.93	1/2	502.46	1/2	301.09	1/2	99.62		
2	2	3/4	1,509.79	3/4	1,308.34	3/4	1,106.86	3/4	905.39	3/4	703.93	3/4	502.46	3/4	301.09	3/4	106.13	3/4	901.19	3/4	699.74	3/4	498.26	3/4	296.90	3/4	95.18		
3	3	1	1,505.59	1	1,304.14	1	1,102.67	1	901.19	1	699.74	1	498.26	1	296.90	1	101.88	1	899.99	1	698.54	1	497.07	1	295.71	1	94.76		
4	4	1 1/4	1,501.40	1 1/4	1,299.94	1 1/4	1,098.47	1 1/4	896.99	1 1/4	695.54	1 1/4	494.07	1 1/4	292.71	1 1/4	103.88	1 1/4	892.80	1 1/4	691.35	1 1/4	489.87	1 1/4	288.51	1 1/4	90.19		
5	5	1 1/2	1,497.20	1 1/2	1,295.74	1 1/2	1,094.27	1 1/2	892.80	1 1/2	691.35	1 1/2	489.87	1 1/2	288.51	1 1/2	105.10	1 1/2	888.60	1 1/2	687.15	1 1/2	485.67	1 1/2	284.31	1 1/2	91.40		
6	6	1 3/4	1,493.01	1 3/4	1,291.54	1 3/4	1,090.08	1 3/4	888.60	1 3/4	687.15	1 3/4	485.67	1 3/4	284.31	1 3/4	106.39	1 3/4	886.40	1 3/4	684.95	1 3/4	483.52	1 3/4	281.12	1 3/4	92.71		
7	7	2	1,488.81	2	1,287.33	2	1,085.88	2	884.40	2	682.95	2	481.48	2	280.12	2	108.11	2	882.21	2	680.76	2	479.31	2	277.96	2	93.90		
8	8	2 1/4	1,484.61	2 1/4	1,283.14	2 1/4	1,081.68	2 1/4	880.21	2 1/4	678.75	2 1/4	477.28	2 1/4	275.92	2 1/4	109.32	2 1/4	876.01	2 1/4	674.55	2 1/4	473.08	2 1/4	271.73	2 1/4	95.11		
9	9	2 1/2	1,480.42	2 1/2	1,278.94	2 1/2	1,077.49	2 1/2	876.01	2 1/2	674.55	2 1/2	473.08	2 1/2	271.73	2 1/2	110.43	2 1/2	871.82	2 1/2	670.34	2 1/2	470.60	2 1/2	270.44	2 1/2	96.22		
10	10	3	1,476.22	3	1,274.74	3	1,073.29	3	871.82	3	669.36	3	468.89	3	267.53	3	111.54	3	868.63	3	666.14	3	466.69	3	265.33	3	97.33		
11	11	3 1/4	1,472.02	3 1/4	1,270.55	3 1/4	1,069.10	3 1/4	867.62	3 1/4	665.14	3 1/4	464.69	3 1/4	263.33	3 1/4	112.66	3 1/4	866.44	3 1/4	663.65	3 1/4	463.42	3 1/4	262.12	3 1/4	98.44		
12	12	3 1/2	1,467.83	3 1/2	1,266.35	3 1/2	1,064.90	3 1/2	863.42	3 1/2	661.95	3 1/2	461.44	3 1/2	260.12	3 1/2	113.78	3 1/2	862.19	3 1/2	660.70	3 1/2	460.25	3 1/2	258.94	3 1/2	99.62		
13	13	3 3/4	1,463.63	3 3/4	1,262.15	3 3/4	1,060.70	3 3/4	859.23	3 3/4	657.75	3 3/4	456.30	3 3/4	256.74	3 3/4	114.89	3 3/4	857.99	3 3/4	655.55	3 3/4	453.12	3 3/4	253.76	3 3/4	100.80		
14	14	4	1,459.43	4	1,257.96	4	1,056.51	4	855.03	4	653.55	4	451.10	4	250.74	4	116.00	4	853.28	4	651.83	4	449.38	4	247.92	4	101.91		
15	15	4 1/4	1,455.24	4 1/4	1,253.76	4 1/4	1,052.31	4 1/4	850.83	4 1/4	649.36	4 1/4	447.90	4 1/4	246.55	4 1/4	117.11	4 1/4	849.64	4 1/4	647.19	4 1/4	445.74	4 1/4	244.35	4 1/4	102.92		
16	16	4 1/2	1,451.04	4 1/2	1,249.57	4 1/2	1,048.11	4 1/2	846.64	4 1/2	645.16	4 1/2	443.71	4 1/2	242.35	4 1/2	118.12	4 1/2	844.44	4 1/2	642.99	4 1/2	441.63	4 1/2	240.18	4 1/2	103.93		
17	17	4 3/4	1,446.85	4 3/4	1,245.37	4 3/4	1,043.90	4 3/4	842.44	4 3/4	640.96	4 3/4	439.51	4 3/4	238.15	4 3/4	119.13	4 3/4	840.67	4 3/4	639.22	4 3/4	437.81	4 3/4	236.39	4 3/4	104.94		
18	18	5	1,442.65	5	1,241.17	5	1,039.70	5	838.24	5	636.77	5	435.32	5	235.96	5	120.14	5	836.97	5	635.53	5	433.92	5	233.67	5	105.95		
19	19	5 1/4	1,438.45	5 1/4	1,236.98	5 1/4	1,035.50	5 1/4	834.05	5 1/4	632.57	5 1/4	431.12	5 1/4	232.76	5 1/4	121.15	5 1/4	832.79	5 1/4	631.34	5 1/4	430.43	5 1/4	231.69	5 1/4	106.96		
20	20	5 1/2	1,434.25	5 1/2	1,232.78	5 1/2	1,031.30	5 1/2	829.85	5 1/2	628.37	5 1/2	426.92	5 1/2	229.57	5 1/2	122.17	5 1/2	828.07	5 1/2	626.64	5 1/2	425.43	5 1/2	228.52	5 1/2	107.97		
21	21	5 3/4	1,430.05	5 3/4	1,228.58	5 3/4	1,027.11	5 3/4	825.65	5 3/4	624.18	5 3/4	422.73	5 3/4	226.57	5 3/4	123.18	5 3/4	824.86	5 3/4	623.43	5 3/4	421.98	5 3/4	227.53	5 3/4	108.98		
22	22	6	1,425.84	6	1,224.39	6	1,022.91	6	821.46	6	619.98	6	418.53	6	217.17	6	124.19	6	820.67	6	618.22	6	417.09	6	216.49	6	109.99		
23	23	6 1/4	1,421.64	6 1/4	1,220.19	6 1/4	1,018.71	6 1/4	817.26	6 1/4	615.79	6 1/4	416.08	6 1/4	215.18	6 1/4	125.20	6 1/4	816.98	6 1/4	615.53	6 1/4	415.33	6 1/4	214.49	6 1/4	110.99		
24	24	6 1/2	1,417.45	6 1/2	1,215.99	6 1/2	1,014.52	6 1/2	813.07	6 1/2	611.59	6 1/2	410.14	6 1/2	208.78	6 1/2	126.21	6 1/2	812.79	6 1/2	611.34	6 1/2	410.14	6 1/2	207.79	6 1/2	111.99		
25	25	6 3/4	1,413.25	6 3/4	1,211.80	6 3/4	1,010.32	6 3/4	808.87	6 3/4	607.39	6 3/4	405.95	6 3/4	205.88	6 3/4	127.22	6 3/4	808.60	6 3/4	606.92	6 3/4	404.76	6 3/4	204.89	6 3/4	112.99		
26	26	7	1,409.05	7	1,207.60	7	1,006.12	7	804.67	7	603.20	7	401.76	7	200.39	7	128.23	7	804.40	7	602.73	7	400.77	7	199.19	7	113.99		
27	27	7 1/4	1,404.86	7 1/4	1,203.40	7 1/4	1,001.93	7 1/4	800.48	7 1/4	599.00	7 1/4	397.57	7 1/4	196.19	7 1/4	129.24	7 1/4	800.21	7 1/4	598.74	7 1/4	396.81	7 1/4	195.20	7 1/4	114.99		
28	28	7 1/2	1,400.66	7 1/2	1,199.21	7 1/2	997.73	7 1/2	796.27	7 1/2	594.80	7 1/2	393.37	7 1/2	191.99	7 1/2	130.25	7 1/2	795.99	7 1/2	593.52	7 1/2	392.34	7 1/2	190.99	7 1/2	115.99		
29	29	7 3/4	1,396.46	7 3/4	1,195.01	7 3/4	993.54	7 3/4	792.07	7 3/4	590.61	7 3/4	389.18	7 3/4	187.79	7 3/4	131.26	7 3/4	790.79	7 3/4	589.36	7 3/4	387.91	7 3/4	186.79	7 3/4	116.99		
30	30	8	1,392.27	8	1,190.82	8	989.34	8	787.87	8	586.41	8	384.98	8	183.58	8	132.27	8	787.60	8	585.43	8	383.46	8	182.59	8	117.99		
31	31	8 1/4	1,388.07	8 1/4	1,186.62	8 1/4	985.14	8 1/4	783.67	8 1/4	582.21	8 1/4	380.79	8 1/4	179.38	8 1/4	133.28	8 1/4	783.40	8 1/4	581.85	8 1/4	381.43	8 1/4	181.59	8 1/4	118.99		
32	32	8 1/2	1,383.87	8 1/2	1,182.42	8 1/2	980.95	8 1/2	779.47	8 1/2	578.02	8 1/2	376.59	8 1/2	175.18	8 1/2	134.29	8 1/2	779.20	8 1/2	577.27	8 1/2	375.62	8 1/2	180.59	8 1/2	119.99		
33	33	8 3/4	1,379.68	8 3/4	1,178.21	8 3/4	976.75	8 3/4	775.27	8 3/4	573.82	8 3/4	372.39	8 3/4	170.99	8 3/4	135.30	8 3/4	775.00	8 3/4	572.94	8 3/4	371.65	8 3/4	179.59	8 3/4	120.99		
34	34	9	1,375.48	9	1,174.01	9	972.55	9	771.08	9	569.62	9	368.20	9	166.79	9	136.31	9	770.81	9	567.68	9	366.40	9	165.79	9	121.99		
35	35	9 1/4	1,371.29	9 1/4	1,169.81	9 1/4	968.36	9 1/4	766.88	9 1/4	565.43	9 1/4	364.00	9 1/4	162.59	9 1/4	137.32	9 1/4	766.60	9 1/4	564.23	9 1/4	362.81	9 1/4	161.59	9 1/4	122.99		
36	36	9 1/2	1,367.09	9 1/2	1,165.61	9 1/2	964.16	9 1/2	762.68	9 1/2	561.23	9 1/2	359.81	9 1/2	158.40	9 1/2	138.33	9 1/2	762.40	9 1/2	560.14	9 1/2	358.81	9 1/2	160.59	9 1/2	123.99		
37	37	9 3/4	1,362.89	9 3/4	1,161.42	9 3/4	959.96	9 3/4	758.49	9 3/4	557.04	9 3/4	355.62	9 3/4	154.20	9 3/4	139.34	9 3/4	758.21	9 3/4	556.27	9 3/4	354.63	9 3/4	159.59	9 3/4	124.99		
38	38	10	1,358.70	10	1,157.22	10	955.77	10	754.29	10	552.84	10	351.43	10	150.01	10	140.35	10	754.01	10	551.60	10	349.44	10	149.59	10	125.99		
39	39	10 1/4	1,354.50	10 1/4	1,153.02	10 1/4	951.57	10 1/4	750.09	10 1/4	548.64	10 1/4	347.24	10 1/4	145.81	10 1/4	141.36	10 1/4	750.81	10 1/4	547.81	10 1/4	346.44	10 1/4	148.59	10 1/4	126.99		
40	40	10 1/2	1,350.30	10 1/2	1,148.83	10 1/2	947.38	10 1/2	745.90	10 1/2	544.44	10 1/2	343.04	10 1/2	141.61	10 1/2	142.37	10 1/2	745.61	10 1/2	544.14	10 1/2	343.04	10 1/2	148.59	10 1/2	127.99		
41	41	10 3/4	1,346.11	10 3/4	1,144.63	10 3/4	943.18	10 3/4	741.70	10 3/4	540.24	10 3/4	338.85	10 3/4	137.42	10 3/4	143.40	10 3/4	741.41	10 3/4	539.99	10 3/4	338.85	10 3/4	148.59	10 3/4	128.99		
42	42	11	1,341.91	11	1,140.43	11	938.98	11	737.51	11	536.04	11	334.65	11	133.22	11	144.42	11											

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES WHEN DANGER IS ENVELOPED.
CAPACITY TABLE IS FROM BOTTOM OF SUMP.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092

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



BARGE "KIRBY 9501B"

3 PORT
ULLAGE TABLE

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

FORMERLY "DC 403"

GAUGE HEIGHT 11'-08"

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
0	112.24	0	0.52	0		0		0		0		0		0		0		0	
1/4	108.07	1/4	0.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	103.90	1/2	0.14	1/2	1/2	1/2	1/2	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	99.74	3/4	0.14	3/4	3/4	3/4	3/4	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	95.57	1	0.14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	91.63	1/4	0.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87.69	1/2	0.12	1/2	1/2	1/2	1/2	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	83.75	3/4	0.12	3/4	3/4	3/4	3/4	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	79.81	2	0.12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	76.19	1/4	0.12	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
1/2	72.57	1/2	0.10	1/2	1/2	1/2	1/2	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	68.95	3/4	0.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	65.33	3	0.10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	62.08	1/4	0.10	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
1/2	58.82	1/2	0.07	1/2	1/2	1/2	1/2	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	55.57	3/4	0.07	3/4	3/4	3/4	3/4	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	52.31	4	0.07	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	49.42	1/4	0.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46.52	1/2	0.05	1/2	1/2	1/2	1/2	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	43.63	3/4	0.05	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	40.74	5	0.05	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	38.21	1/4	0.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	35.69	1/2	0.02	1/2	1/2	1/2	1/2	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	33.17	3/4	0.02	3/4	3/4	3/4	3/4	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	30.64	6	0.02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	28.48	1/4	0.02	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26.32	1/2	0.02	1/2	1/2	1/2	1/2	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	24.16	3/4	0.00	3/4	3/4	3/4	3/4	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	22.00	7	0.00	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	20.20	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	18.40	1/2	0.00	1/2	1/2	1/2	1/2	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	16.61	3/4	0.00	3/4	3/4	3/4	3/4	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	14.81	8	0.00	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	13.38	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	11.95	1/2	0.00	1/2	1/2	1/2	1/2	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	10.52	3/4	0.00	3/4	3/4	3/4	3/4	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	9.10	9	0.00	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	8.03	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	6.96	1/2	0.00	1/2	1/2	1/2	1/2	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	5.90	3/4	0.00	3/4	3/4	3/4	3/4	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	4.83	10	0.00	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	4.12	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3.40	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2.69	3/4	0.00	3/4	3/4	3/4	3/4	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	1.98	11	0.00	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1.61	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1.25	1/2	0.00	1/2	1/2	1/2	1/2	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	0.89	3/4	0.00	3/4	3/4	3/4	3/4	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.

STRAPPED: 05/30/1975 CM
DECK MEASUREMENTS: 08/26/2005 CL
REPRINTED: 08/26/2005 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2005

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

Tom Pearson

BARGE "KIRBY 9501B"

3 STBD
ULLAGE TAE

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

FORMERLY "DC 403"

GALUGE HEIGHT 11'-08"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS												FORMERLY "DC 403"												CROSS-SECTIONALITY, IN INCHES											
0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.								
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0								
0		0	1,527.93	0	1,326.00	0	1,124.10	0	922.19	0	720.26	0	518.36	0	316.50																				
1/4	1/4	1/4	1,523.72	1/4	1,321.80	1/4	1,119.89	1/4	917.98	1/4	716.05	1/4	514.15	1/4	312.30																				
1/2	1/2	1/2	1,519.51	1/2	1,317.60	1/2	1,115.68	1/2	913.77	1/2	711.85	1/2	509.94	1/2	308.10																				
3/4	3/4	3/4	1,515.30	3/4	1,313.39	3/4	1,111.47	3/4	909.57	3/4	707.64	3/4	505.73	3/4	303.89																				
1	1	1	1,511.10	1	1,309.19	1	1,107.26	1	905.36	1	703.43	1	501.52	1	299.69																				
1/4	1/4	1/4	1,506.89	1/4	1,304.98	1/4	1,103.06	1/4	901.15	1/4	699.23	1/4	497.32	1/4	295.49																				
1/2	1/2	1/2	1,502.68	1/2	1,300.77	1/2	1,098.86	1/2	896.94	1/2	695.02	1/2	493.11	1/2	291.29																				
3/4	3/4	3/4	1,498.47	3/4	1,296.57	3/4	1,094.65	3/4	892.73	3/4	690.82	3/4	488.90	3/4	287.08																				
2	2	2	1,494.26	2	1,292.36	2	1,090.45	2	888.52	2	686.62	2	484.69	2	282.88																				
1/4	1/4	1/4	1,490.06	1/4	1,288.15	1/4	1,086.24	1/4	884.32	1/4	682.41	1/4	480.49	1/4	278.67																				
1/2	1/2	1/2	1,485.86	1/2	1,283.94	1/2	1,082.04	1/2	880.11	1/2	678.20	1/2	476.29	1/2	274.46																				
3/4	3/4	3/4	1,481.66	3/4	1,279.73	3/4	1,077.83	3/4	875.90	3/4	673.99	3/4	472.08	3/4	270.26																				
3	3	3	1,477.45	3	1,275.52	3	1,073.62	3	871.69	3	669.79	3	467.88	3	266.05																				
1/4	1/4	1/4	1,473.24	1/4	1,271.32	1/4	1,069.41	1/4	867.49	1/4	665.58	1/4	463.67	1/4	261.85																				
1/2	1/2	1/2	1,469.04	1/2	1,267.12	1/2	1,065.20	1/2	863.29	1/2	661.37	1/2	459.46	1/2	257.64																				
3/4	3/4	3/4	1,464.83	3/4	1,262.92	3/4	1,060.99	3/4	859.08	3/4	657.16	3/4	455.26	3/4	253.44																				
4	4	4	1,460.62	4	1,258.71	4	1,056.79	4	854.88	4	652.95	4	451.05	4	249.24																				
1/4	1/4	1/4	1,456.41	1/4	1,254.51	1/4	1,052.58	1/4	850.67	1/4	648.75	1/4	446.84	1/4	245.03																				
1/2	1/2	1/2	1,452.20	1/2	1,250.30	1/2	1,048.37	1/2	846.46	1/2	644.55	1/2	442.63	1/2	240.82																				
3/4	3/4	3/4	1,447.99	3/4	1,246.09	3/4	1,044.16	3/4	842.26	3/4	640.34	3/4	438.42	3/4	236.61																				
5	5	5	1,443.79	5	1,241.88	5	1,039.95	5	838.05	5	636.14	5	434.21	5	232.40																				
1/4	1/4	1/4	1,439.58	1/4	1,237.67	1/4	1,035.75	1/4	833.84	1/4	631.93	1/4	430.01	1/4	228.20																				
1/2	1/2	1/2	1,435.38	1/2	1,233.46	1/2	1,031.55	1/2	829.63	1/2	627.73	1/2	425.81	1/2	223.99																				
3/4	3/4	3/4	1,431.18	3/4	1,229.26	3/4	1,027.35	3/4	825.42	3/4	623.52	3/4	421.61	3/4	219.78																				
6	6	6	1,426.98	6	1,225.05	6	1,023.14	6	821.21	6	619.31	6	417.40	6	215.57																				
1/4	1/4	1/4	1,422.77	1/4	1,220.84	1/4	1,018.93	1/4	817.01	1/4	615.10	1/4	413.20	1/4	211.37																				
1/2	1/2	1/2	1,418.56	1/2	1,216.63	1/2	1,014.73	1/2	812.81	1/2	610.89	1/2	409.00	1/2	207.17																				
3/4	3/4	3/4	1,414.35	3/4	1,212.42	3/4	1,010.52	3/4	808.61	3/4	606.68	3/4	404.80	3/4	202.96																				
7	7	7	1,410.14	7	1,208.21	7	1,006.31	7	804.40	7	602.48	7	400.60	7	198.76																				
1/4	1/4	1/4	1,405.93	1/4	1,204.01	1/4	1,002.10	1/4	800.20	1/4	598.27	1/4	396.39	1/4	194.55																				
1/2	1/2	1/2	1,401.73	1/2	1,199.81	1/2	997.89	1/2	795.99	1/2	594.06	1/2	392.18	1/2	190.35																				
3/4	3/4	3/4	1,397.52	3/4	1,195.61	3/4	993.68	3/4	791.78	3/4	589.85	3/4	387.97	3/4	186.14																				
8	8	8	1,393.31	8	1,191.41	8	989.48	8	787.57	8	585.64	8	383.76	8	181.93																				
1/4	1/4	1/4	1,389.11	1/4	1,187.20	1/4	985.27	1/4	783.36	1/4	581.44	1/4	379.56	1/4	177.73																				
1/2	1/2	1/2	1,384.90	1/2	1,182.99	1/2	981.07	1/2	779.15	1/2	577.24	1/2	375.36	1/2	173.52																				
3/4	3/4	3/4	1,380.70	3/4	1,178.78	3/4	976.87	3/4	774.95	3/4	573.04	3/4	371.16	3/4	169.32																				
9	9	9	1,376.50	9	1,174.57	9	972.67	9	770.74	9	568.83	9	366.95	9	165.12																				
1/4	1/4	1/4	1,372.29	1/4	1,170.36	1/4	968.46	1/4	766.53	1/4	564.62	1/4	362.75	1/4	160.91																				
1/2	1/2	1/2	1,368.08	1/2	1,166.15	1/2	964.25	1/2	762.32	1/2	560.42	1/2	358.55	1/2	156.70																				
3/4	3/4	3/4	1,363.87	3/4	1,161.95	3/4	960.04	3/4	758.11	3/4	556.21	3/4	354.35	3/4	152.49																				
10	10	10	1,359.67	10	1,157.74	10	955.83	10	753.90	10	552.00	10	350.14	10	148.29																				
1/4	1/4	1/4	1,355.46	1/4	1,153.54	1/4	951.62	1/4	749.70	1/4	547.79	1/4	345.94	1/4	144.08																				
1/2	1/2	1/2	1,351.25	1/2	1,149.33	1/2	947.42	1/2	745.50	1/2	543.58	1/2	341.74	1/2	139.87																				
3/4	3/4	3/4	1,347.04	3/4	1,145.13	3/4	943.21	3/4	741.30	3/4	539.38	3/4	337.54	3/4	135.66																				
11	11	11	1,342.83	11	1,140.93	11	939.00	11	737.10	11	535.17	11	333.33	11	131.45																				
1/4	1/4	1/4	1,338.62	1/4	1,136.72	1/4	934.80	1/4	732.89	1/4	530.96	1/4	329.13	1/4	127.25																				
1/2	1/2	1/2	1,334.42	1/2	1,132.51	1/2	930.59	1/2	728.68	1/2	526.76	1/2	324.92	1/2	123.05																				
3/4	3/4	3/4	1,330.21	3/4	1,128.30	3/4	926.39	3/4	724.47	3/4	522.56	3/4	320.71	3/4	118.85																				
												CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY																							

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE IS FROM BOTTOM OF SUMP.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN T 6" DIAMETER HATCH ON EXPANSION DOME.

CAPACITY TABLE ONLY. SEE PG. 2 FOR DETAILS.
GAUGE POINT: (MANUAL) LOCATED 1'-06" OFF CENTERLINE AND 62'-00" FORWARD OF AFT BULKHEAD.

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092

rand, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 9501B"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS												FORMERLY "DC 403"												GAUGE HEIGHT 11'-08"											
10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			18 FT.			19 FT.								
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN								
0	114.64	0	0.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
1/4	110.44	1/4	0.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4							
1/2	106.24	1/2	0.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	102.04	3/4	0.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	97.83	1	0.14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
1/4	93.81	1/4	0.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4							
1/2	89.79	1/2	0.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	85.76	3/4	0.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	81.74	2	0.12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							
1/4	78.03	1/4	0.12	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	1/4	1/4	1/4	1/4	1/4							
1/2	74.32	1/2	0.10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	70.61	3/4	0.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4							
3	66.90	3	0.10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
1/4	63.57	1/4	0.10	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	1/4	1/4	1/4	1/4	1/4							
1/2	60.23	1/2	0.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	56.89	3/4	0.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	53.55	4	0.07	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
1/4	50.59	1/4	0.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4							
1/2	47.63	1/2	0.05	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	44.67	3/4	0.05	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	41.71	5	0.05	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5							
1/4	39.12	1/4	0.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4							
1/2	36.54	1/2	0.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	33.95	3/4	0.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	31.36	6	0.02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6							
1/4	29.14	1/4	0.02	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4							
1/2	26.93	1/2	0.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	24.71	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	22.50	7	0.00	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7							
1/4	20.66	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4							
1/2	18.82	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	16.98	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	15.14	8	0.00	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8							
1/4	13.68	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4							
1/2	12.21	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	10.75	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	9.29	9	0.00	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9							
1/4	8.20	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4							
1/2	7.11	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	6.02	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	4.93	10	0.00	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10							
1/4	4.20	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4							
1/2	3.46	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2							
3/4	2.73	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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	2.00	11	0.00	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11							
1/4	1.63	1/4	0.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1							

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/30/1975 CM
DECK MEASUREMENTS: 08/26/2005 CL
REPRINTED: 08/26/2005 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/20