

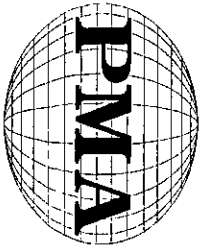


KIRBY 28311



BARGE STRAPPING TABLES





BARGE "KIRBY 28311"

ULLAGE TRIM TABLE

FORMERLY "DXE 2912"

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

(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)

LENGTH BETWEEN DRAFT MARKS: 246'-00"

February 19, 2002

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

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



BARGE "KIRBY 28311"

1 PORT ULLAGE TABLE

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

FORMERLY "DXE 2912"

GAUGE HEIGHT 16'-08"

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

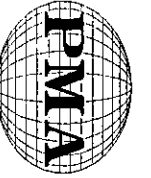
BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE OR AT THE 2" STANDPIPE.

GAUGE POINT: (HERMETIC) LOCATED 11'-08" OFF CENTERLINE AND 45'-10" FORWARD OF AFT BULKHEAD.
GAUGE POINT: (MANUAL) LOCATED 11'-08" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC.
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BARGE "KIRBY 28311"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS				FORMERLY "DXE 2912"				GAUGE HEIGHT 16'-08"											
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,198.58	0	1,850.57	0	1,502.56	0	1,154.55	0	807.14	0	477.78	0	176.41	0		0			
1/4	2,191.33	1/4	1,843.32	1/4	1,495.31	1/4	1,147.30	1/4	799.99	1/4	471.22	1/4	170.44	1/4		1/4			
1/2	2,184.08	1/2	1,836.07	1/2	1,488.06	1/2	1,140.05	1/2	792.85	1/2	464.65	1/2	164.47	1/2		1/2			
3/4	2,176.83	3/4	1,828.82	3/4	1,480.81	3/4	1,132.80	3/4	785.72	3/4	458.18	3/4	158.52	3/4		3/4			
1	2,169.58	1	1,821.57	1	1,473.56	1	1,125.55	1	778.62	1	451.58	1	152.61	1		1			
1/4	2,162.33	1/4	1,814.32	1/4	1,466.31	1/4	1,118.30	1/4	771.52	1/4	445.06	1/4	146.70	1/4		1/4			
1/2	2,155.08	1/2	1,807.07	1/2	1,459.06	1/2	1,111.05	1/2	764.42	1/2	438.54	1/2	140.79	1/2		1/2			
3/4	2,147.83	3/4	1,799.82	3/4	1,451.81	3/4	1,103.80	3/4	757.33	3/4	432.04	3/4	134.90	3/4		3/4			
2	2,140.58	2	1,792.57	2	1,444.56	2	1,096.55	2	750.28	2	425.56	2	129.06	2		2			
1/4	2,133.33	1/4	1,785.32	1/4	1,437.31	1/4	1,089.30	1/4	743.23	1/4	419.09	1/4	123.21	1/4		1/4			
1/2	2,126.08	1/2	1,778.07	1/2	1,430.06	1/2	1,082.05	1/2	736.18	1/2	412.62	1/2	117.36	1/2		1/2			
3/4	2,118.83	3/4	1,770.82	3/4	1,422.81	3/4	1,074.80	3/4	729.15	3/4	406.17	3/4	111.54	3/4		3/4			
3	2,111.58	3	1,763.57	3	1,415.56	3	1,067.55	3	722.14	3	399.75	3	105.77	3		3			
1/4	2,104.33	1/4	1,756.32	1/4	1,408.31	1/4	1,060.30	1/4	715.14	1/4	393.32	1/4	99.99	1/4		1/4			
1/2	2,097.08	1/2	1,749.07	1/2	1,401.06	1/2	1,053.05	1/2	708.14	1/2	386.90	1/2	94.21	1/2		1/2			
3/4	2,089.83	3/4	1,741.82	3/4	1,393.81	3/4	1,045.80	3/4	701.15	3/4	380.50	3/4	88.47	3/4		3/4			
4	2,082.58	4	1,734.57	4	1,386.56	4	1,038.55	4	694.20	4	374.13	4	82.77	4		4			
1/4	2,075.33	1/4	1,727.32	1/4	1,379.31	1/4	1,031.30	1/4	687.25	1/4	367.76	1/4	77.08	1/4		1/4			
1/2	2,068.08	1/2	1,720.07	1/2	1,372.06	1/2	1,024.05	1/2	680.29	1/2	361.39	1/2	71.38	1/2		1/2			
3/4	2,060.83	3/4	1,712.82	3/4	1,364.81	3/4	1,016.80	3/4	673.36	3/4	355.04	3/4	65.77	3/4		3/4			
5	2,053.58	5	1,705.57	5	1,357.56	5	1,009.55	5	666.46	5	348.72	5	60.31	5		5			
1/4	2,046.33	1/4	1,698.32	1/4	1,350.31	1/4	1,002.30	1/4	659.56	1/4	342.40	1/4	54.84	1/4		1/4			
1/2	2,039.08	1/2	1,691.07	1/2	1,343.06	1/2	995.05	1/2	652.66	1/2	336.08	1/2	49.37	1/2		1/2			
3/4	2,031.83	3/4	1,683.82	3/4	1,335.81	3/4	987.80	3/4	645.78	3/4	329.77	3/4	44.19	3/4		3/4			
6	2,024.58	6	1,676.57	6	1,328.56	6	980.55	6	638.93	6	323.50	6	39.49	6		6			
1/4	2,017.33	1/4	1,669.32	1/4	1,321.31	1/4	973.30	1/4	632.08	1/4	317.23	1/4	34.79	1/4		1/4			
1/2	2,010.08	1/2	1,662.07	1/2	1,314.06	1/2	966.05	1/2	625.23	1/2	310.96	1/2	30.09	1/2		1/2			
3/4	2,002.83	3/4	1,654.82	3/4	1,306.81	3/4	958.80	3/4	618.40	3/4	304.71	3/4	25.85	3/4		3/4			
7	1,995.58	7	1,647.57	7	1,299.56	7	951.55	7	611.60	7	298.49	7	22.40	7		7			
1/4	1,988.33	1/4	1,640.32	1/4	1,292.31	1/4	944.30	1/4	604.80	1/4	292.27	1/4	18.95	1/4		1/4			
1/2	1,981.08	1/2	1,633.07	1/2	1,285.06	1/2	937.05	1/2	598.00	1/2	286.05	1/2	15.49	1/2		1/2			
3/4	1,973.83	3/4	1,625.82	3/4	1,277.81	3/4	929.80	3/4	591.21	3/4	279.85	3/4	12.50	3/4		3/4			
8	1,966.57	8	1,618.57	8	1,270.56	8	922.55	8	584.46	8	273.68	8	10.29	8		8			
1/4	1,959.32	1/4	1,611.32	1/4	1,263.31	1/4	915.30	1/4	577.71	1/4	267.51	1/4		1/4		1/4			
1/2	1,952.07	1/2	1,604.06	1/2	1,256.06	1/2	908.06	1/2	570.96	1/2	261.34	1/2		1/2		1/2			
3/4	1,944.82	3/4	1,596.81	3/4	1,248.81	3/4	900.81	3/4	564.22	3/4	255.18	3/4		3/4		3/4			
9	1,937.57	9	1,589.56	9	1,241.55	9	893.58	9	557.52	9	249.06	9		9		9			
1/4	1,930.32	1/4	1,582.31	1/4	1,234.30	1/4	886.34	1/4	550.81	1/4	242.94	1/4		1/4		1/4			
1/2	1,923.07	1/2	1,575.06	1/2	1,227.05	1/2	879.10	1/2	544.11	1/2	236.82	1/2		1/2		1/2			
3/4	1,915.82	3/4	1,567.81	3/4	1,219.80	3/4	871.87	3/4	537.42	3/4	230.71	3/4		3/4		3/4			
10	1,908.57	10	1,560.56	10	1,212.55	10	864.66	10	530.76	10	224.64	10		10		10			
1/4	1,901.32	1/4	1,553.31	1/4	1,205.30	1/4	857.44	1/4	524.10	1/4	218.57	1/4		1/4		1/4			
1/2	1,894.07	1/2	1,546.06	1/2	1,198.05	1/2	850.22	1/2	517.44	1/2	212.50	1/2		1/2		1/2			
3/4	1,886.82	3/4	1,538.81	3/4	1,190.80	3/4	843.02	3/4	510.79	3/4	206.44	3/4		3/4		3/4			
11	1,879.57	11	1,531.56	11	1,183.55	11	835.83	11	504.18	11	200.42	11		11		11			
1/4	1,872.32	1/4	1,524.31	1/4	1,176.30	1/4	828.65	1/4	497.56	1/4	194.40	1/4		1/4		1/4			
1/2	1,865.07	1/2	1,517.06	1/2	1,169.05	1/2	821.46	1/2	490.95	1/2	188.38	1/2		1/2		1/2			
3/4	1,857.82	3/4	1,509.81	3/4	1,161.80	3/4	814.29	3/4	484.35	3/4	182.38	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 1228/191 SI
 DECK MEASUREMENTS: 02/18/2002 CL - SW
 REPRINTED: 02/19/2002 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2002

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 28311"

1 STBD
ULLAGE TABLE

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

FORMERLY "DXE 2912"

GAUGE HEIGHT 16'-06 5/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,158.67	0	1,810.68	0	1,462.70	0	1,114.72	0	768.05	0	441.89	0	143.80	0		0			
1/4	2,151.42	1/4	1,803.43	1/4	1,455.45	1/4	1,107.47	1/4	760.96	1/4	435.37	1/4	137.90	1/4		1/4			
1/2	2,144.17	1/2	1,796.19	1/2	1,448.20	1/2	1,100.22	1/2	753.89	1/2	428.89	1/2	132.04	1/2		1/2			
3/4	2,136.92	3/4	1,788.94	3/4	1,440.95	3/4	1,092.97	3/4	746.84	3/4	422.41	3/4	126.19	3/4		3/4			
1	2,129.67	1	1,781.69	1	1,433.71	1	1,085.72	1	739.79	1	415.94	1	120.34	1		1			
1/4	2,122.42	1/4	1,774.44	1/4	1,426.46	1/4	1,078.47	1/4	732.74	1/4	409.48	1/4	114.50	1/4		1/4			
1/2	2,115.17	1/2	1,767.19	1/2	1,419.21	1/2	1,071.23	1/2	725.73	1/2	403.04	1/2	108.71	1/2		1/2			
3/4	2,107.92	3/4	1,759.94	3/4	1,411.96	3/4	1,063.98	3/4	718.72	3/4	396.62	3/4	102.93	3/4		3/4			
2	2,100.67	2	1,752.69	2	1,404.71	2	1,056.73	2	711.72	2	390.20	2	97.15	2		2			
1/4	2,093.42	1/4	1,745.44	1/4	1,397.46	1/4	1,049.48	1/4	704.73	1/4	383.79	1/4	91.39	1/4		1/4			
1/2	2,086.17	1/2	1,738.19	1/2	1,390.21	1/2	1,042.23	1/2	697.76	1/2	377.40	1/2	85.67	1/2		1/2			
3/4	2,078.92	3/4	1,730.94	3/4	1,382.96	3/4	1,034.98	3/4	690.81	3/4	371.03	3/4	79.97	3/4		3/4			
3	2,071.67	3	1,723.69	3	1,375.71	3	1,027.73	3	683.86	3	364.66	3	74.27	3		3			
1/4	2,064.42	1/4	1,716.44	1/4	1,368.46	1/4	1,020.48	1/4	676.91	1/4	358.30	1/4	68.62	1/4		1/4			
1/2	2,057.17	1/2	1,709.19	1/2	1,361.21	1/2	1,013.23	1/2	670.00	1/2	351.96	1/2	63.08	1/2		1/2			
3/4	2,049.92	3/4	1,701.94	3/4	1,353.96	3/4	1,005.98	3/4	663.09	3/4	345.64	3/4	57.61	3/4		3/4			
4	2,042.67	4	1,694.69	4	1,346.71	4	998.73	4	656.19	4	339.32	4	52.15	4		4			
1/4	2,035.42	1/4	1,687.44	1/4	1,339.46	1/4	991.48	1/4	649.30	1/4	333.01	1/4	46.82	1/4		1/4			
1/2	2,028.17	1/2	1,680.19	1/2	1,332.21	1/2	984.23	1/2	642.44	1/2	326.72	1/2	41.88	1/2		1/2			
3/4	2,020.92	3/4	1,672.94	3/4	1,324.96	3/4	976.98	3/4	635.59	3/4	320.45	3/4	37.18	3/4		3/4			
5	2,013.67	5	1,665.69	5	1,317.71	5	969.73	5	628.74	5	314.18	5	32.47	5		5			
1/4	2,006.42	1/4	1,658.44	1/4	1,310.46	1/4	962.48	1/4	621.90	1/4	307.92	1/4	28.00	1/4		1/4			
1/2	1,999.17	1/2	1,651.19	1/2	1,303.21	1/2	955.23	1/2	615.08	1/2	301.68	1/2	24.16	1/2		1/2			
3/4	1,991.92	3/4	1,643.94	3/4	1,295.96	3/4	947.98	3/4	608.28	3/4	295.46	3/4	20.70	3/4		3/4			
6	1,984.67	6	1,636.69	6	1,288.71	6	940.73	6	601.48	6	289.24	6	17.24	6		6			
1/4	1,977.43	1/4	1,629.44	1/4	1,281.46	1/4	933.48	1/4	594.69	1/4	283.03	1/4	14.02	1/4		1/4			
1/2	1,970.18	1/2	1,622.19	1/2	1,274.21	1/2	926.24	1/2	587.93	1/2	276.84	1/2	11.42	1/2		1/2			
3/4	1,962.93	3/4	1,614.95	3/4	1,266.96	3/4	918.99	3/4	581.17	3/4	270.67	3/4	10.31	3/4		3/4			
7	1,955.68	7	1,607.70	7	1,259.71	7	911.74	7	574.42	7	264.50	7		7		7			
1/4	1,948.43	1/4	1,600.45	1/4	1,252.47	1/4	904.50	1/4	567.68	1/4	258.33	1/4		1/4		1/4			
1/2	1,941.18	1/2	1,593.20	1/2	1,245.22	1/2	897.26	1/2	560.96	1/2	252.19	1/2		1/2		1/2			
3/4	1,933.93	3/4	1,585.95	3/4	1,237.97	3/4	890.02	3/4	554.25	3/4	246.07	3/4		3/4		3/4			
8	1,926.68	8	1,578.70	8	1,230.72	8	882.79	8	547.55	8	239.95	8		8		8			
1/4	1,919.43	1/4	1,571.45	1/4	1,223.47	1/4	875.56	1/4	540.85	1/4	233.83	1/4		1/4		1/4			
1/2	1,912.18	1/2	1,564.20	1/2	1,216.22	1/2	868.33	1/2	534.18	1/2	227.75	1/2		1/2		1/2			
3/4	1,904.93	3/4	1,556.95	3/4	1,208.97	3/4	861.12	3/4	527.52	3/4	221.67	3/4		3/4		3/4			
9	1,897.68	9	1,549.70	9	1,201.72	9	853.90	9	520.86	9	215.60	9		9		9			
1/4	1,890.43	1/4	1,542.45	1/4	1,194.47	1/4	846.69	1/4	514.20	1/4	209.54	1/4		1/4		1/4			
1/2	1,883.18	1/2	1,535.20	1/2	1,187.22	1/2	839.50	1/2	507.58	1/2	203.50	1/2		1/2		1/2			
3/4	1,875.93	3/4	1,527.95	3/4	1,179.97	3/4	832.31	3/4	500.96	3/4	197.48	3/4		3/4		3/4			
10	1,868.68	10	1,520.70	10	1,172.72	10	825.13	10	494.34	10	191.45	10		10		10			
1/4	1,861.43	1/4	1,513.45	1/4	1,165.47	1/4	817.95	1/4	487.74	1/4	185.44	1/4		1/4		1/4			
1/2	1,854.18	1/2	1,506.20	1/2	1,158.22	1/2	810.79	1/2	481.16	1/2	179.46	1/2		1/2		1/2			
3/4	1,846.93	3/4	1,498.95	3/4	1,150.97	3/4	803.64	3/4	474.59	3/4	173.49	3/4		3/4		3/4			
11	1,839.68	11	1,491.70	11	1,143.72	11	796.50	11	468.02	11	167.52	11		11		11			
1/4	1,832.43	1/4	1,484.45	1/4	1,136.47	1/4	789.36	1/4	461.46	1/4	161.56	1/4		1/4		1/4			
1/2	1,825.18	1/2	1,477.20	1/2	1,129.22	1/2	782.24	1/2	454.93	1/2	155.63	1/2		1/2		1/2			
3/4	1,817.93	3/4	1,469.95	3/4	1,121.97	3/4	775.15	3/4	448.41	3/4	149.72	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 1228/1891 SI
DECK MEASUREMENTS: 02/19/2002 CL - SW
REPRINTED: 02/19/2002 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2002

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 28311"

2 PORT
ULLAGE TABLE

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

FORMERLY "DXE 2912"

GAUGE HEIGHT 16'-05 1/4"

IN	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		
1/4	0	0	1/4	4,888.48	1/2	4,884.95	3/4	4,881.42	1	4,877.89	1 1/4	4,874.36	1 1/2	4,870.83	1 3/4	4,867.30	2	4,863.77	2 1/4	4,860.24		
1/2	0	0	1/2	4,866.29	3/4	4,862.76	1	4,859.23	1 1/4	4,855.70	1 1/2	4,852.17	1 3/4	4,848.64	2	4,845.11	2 1/4	4,841.58	2 1/2	4,838.05	2 3/4	4,834.52
3/4	0	0	3/4	4,836.01	1	4,832.48	1 1/4	4,828.95	1 1/2	4,825.42	1 3/4	4,821.89	2	4,818.36	2 1/4	4,814.83	2 1/2	4,811.30	2 3/4	4,807.77	3	4,804.24
1	0	0	1	4,822.36	1 1/4	4,818.83	1 1/2	4,815.30	1 3/4	4,811.77	2	4,808.24	2 1/4	4,804.71	2 1/2	4,801.18	2 3/4	4,797.65	3	4,794.12	3 1/4	4,790.59
1 1/4	0	0	1 1/4	4,815.19	1 1/2	4,811.66	1 3/4	4,808.13	2	4,804.60	2 1/4	4,801.07	2 1/2	4,797.54	2 3/4	4,794.01	3	4,790.48	3 1/4	4,786.95	3 1/2	4,783.42
1 1/2	0	0	1 1/2	4,808.02	1 3/4	4,804.49	2	4,800.96	2 1/4	4,797.43	2 1/2	4,793.90	2 3/4	4,790.37	3	4,786.84	3 1/4	4,783.31	3 1/2	4,779.78	3 3/4	4,776.25
3/4	0	0	3/4	4,797.73	1	4,794.20	1 1/4	4,789.67	1 1/2	4,786.14	1 3/4	4,782.61	2	4,779.08	2 1/4	4,775.55	2 1/2	4,772.02	2 3/4	4,768.49	3	4,764.96
1	0	0	1	4,790.12	1 1/4	4,786.59	1 1/2	4,783.06	1 3/4	4,779.53	2	4,776.00	2 1/4	4,772.47	2 1/2	4,768.94	2 3/4	4,765.41	3	4,761.88	3 1/4	4,758.35
1 1/4	0	0	1 1/4	4,782.51	1 1/2	4,778.98	1 3/4	4,775.45	2	4,771.92	2 1/4	4,768.39	2 1/2	4,764.86	2 3/4	4,761.33	3	4,757.80	3 1/4	4,754.27	3 1/2	4,750.74
1 1/2	0	0	1 1/2	4,774.90	1 3/4	4,771.37	2	4,767.84	2 1/4	4,764.31	2 1/2	4,760.78	2 3/4	4,757.25	3	4,753.72	3 1/4	4,750.19	3 1/2	4,746.66	3 3/4	4,743.13
3/4	0	0	3/4	4,767.29	1	4,763.76	1 1/4	4,759.23	1 1/2	4,755.70	1 3/4	4,752.17	2	4,748.64	2 1/4	4,745.11	2 1/2	4,741.58	2 3/4	4,738.05	3	4,734.52
1	0	0	1	4,759.68	1 1/4	4,756.15	1 1/2	4,752.62	1 3/4	4,749.09	2	4,745.56	2 1/4	4,742.03	2 1/2	4,738.50	2 3/4	4,734.97	3	4,731.44	3 1/4	4,727.91
1 1/4	0	0	1 1/4	4,752.07	1 1/2	4,748.54	1 3/4	4,745.01	2	4,741.48	2 1/4	4,737.95	2 1/2	4,734.42	2 3/4	4,730.89	3	4,727.36	3 1/4	4,723.83	3 1/2	4,720.30
1 1/2	0	0	1 1/2	4,744.46	1 3/4	4,740.93	2	4,737.40	2 1/4	4,733.87	2 1/2	4,730.34	2 3/4	4,726.81	3	4,723.28	3 1/4	4,719.75	3 1/2	4,716.22	3 3/4	4,712.69
3/4	0	0	3/4	4,736.85	1	4,733.32	1 1/4	4,729.79	1 1/2	4,726.26	1 3/4	4,722.73	2	4,719.20	2 1/4	4,715.67	2 1/2	4,712.14	2 3/4	4,708.61	3	4,705.08
1	0	0	1	4,729.24	1 1/4	4,725.71	1 1/2	4,722.18	1 3/4	4,718.65	2	4,715.12	2 1/4	4,711.59	2 1/2	4,708.06	2 3/4	4,704.53	3	4,701.00	3 1/4	4,697.47
1 1/4	0	0	1 1/4	4,721.63	1 1/2	4,718.10	1 3/4	4,714.57	2	4,711.04	2 1/4	4,707.51	2 1/2	4,703.98	2 3/4	4,700.45	3	4,696.92	3 1/4	4,693.39	3 1/2	4,689.86
1 1/2	0	0	1 1/2	4,714.02	1 3/4	4,710.49	2	4,706.96	2 1/4	4,703.43	2 1/2	4,699.90	2 3/4	4,696.37	3	4,692.84	3 1/4	4,689.31	3 1/2	4,685.78	3 3/4	4,682.25
3/4	0	0	3/4	4,706.41	1	4,702.88	1 1/4	4,699.35	1 1/2	4,695.82	1 3/4	4,692.29	2	4,688.76	2 1/4	4,685.23	2 1/2	4,681.70	2 3/4	4,678.17	3	4,674.64
1	0	0	1	4,698.80	1 1/4	4,695.27	1 1/2	4,691.74	1 3/4	4,688.21	2	4,684.68	2 1/4	4,681.15	2 1/2	4,677.62	2 3/4	4,674.09	3	4,670.56	3 1/4	4,667.03
1 1/4	0	0	1 1/4	4,691.19	1 1/2	4,687.66	1 3/4	4,684.13	2	4,680.60	2 1/4	4,677.07	2 1/2	4,673.54	2 3/4	4,670.01	3	4,666.48	3 1/4	4,662.95	3 1/2	4,659.42
1 1/2	0	0	1 1/2	4,683.58	1 3/4	4,680.05	2	4,676.52	2 1/4	4,673.00	2 1/2	4,669.47	2 3/4	4,665.94	3	4,662.41	3 1/4	4,658.88	3 1/2	4,655.35	3 3/4	4,651.82
3/4	0	0	3/4	4,675.97	1	4,672.44	1 1/4	4,668.91	1 1/2	4,665.38	1 3/4	4,661.85	2	4,658.32	2 1/4	4,654.79	2 1/2	4,651.26	2 3/4	4,647.73	3	4,644.20
1	0	0	1	4,668.36	1 1/4	4,664.83	1 1/2	4,661.30	1 3/4	4,657.77	2	4,654.24	2 1/4	4,650.71	2 1/2	4,647.18	2 3/4	4,643.65	3	4,640.12	3 1/4	4,636.59
1 1/4	0	0	1 1/4	4,660.75	1 1/2	4,657.22	1 3/4	4,653.69	2	4,650.16	2 1/4	4,646.63	2 1/2	4,643.10	2 3/4	4,639.57	3	4,636.04	3 1/4	4,632.51	3 1/2	4,628.98
1 1/2	0	0	1 1/2	4,653.14	1 3/4	4,649.61	2	4,646.08	2 1/4	4,642.55	2 1/2	4,639.02	2 3/4	4,635.49	3	4,631.96	3 1/4	4,628.43	3 1/2	4,624.90	3 3/4	4,621.37
3/4	0	0	3/4	4,645.53	1	4,642.00	1 1/4	4,638.47	1 1/2	4,634.94	1 3/4	4,631.41	2	4,627.88	2 1/4	4,624.35	2 1/2	4,620.82	2 3/4	4,617.29	3	4,613.76
1	0	0	1	4,637.92	1 1/4	4,634.39	1 1/2	4,630.86	1 3/4	4,627.33	2	4,623.80	2 1/4	4,620.27	2 1/2	4,616.74	2 3/4	4,613.21	3	4,609.68	3 1/4	4,606.15
1 1/4	0	0	1 1/4	4,630.31	1 1/2	4,626.78	1 3/4	4,623.25	2	4,619.72	2 1/4	4,616.19	2 1/2	4,612.66	2 3/4	4,609.13	3	4,605.60	3 1/4	4,602.07	3 1/2	4,598.54
1 1/2	0	0	1 1/2	4,622.70	1 3/4	4,619.17	2	4,615.64	2 1/4	4,612.11	2 1/2	4,608.58	2 3/4	4,605.05	3	4,601.52	3 1/4	4,597.99	3 1/2	4,594.46	3 3/4	4,590.93
3/4	0	0	3/4	4,615.09	1	4,611.56	1 1/4	4,608.03	1 1/2	4,604.50	1 3/4	4,600.97	2	4,597.44	2 1/4	4,593.91	2 1/2	4,590.38	2 3/4	4,586.85	3	4,583.32
1	0	0	1	4,607.48	1 1/4	4,603.95	1 1/2	4,600.42	1 3/4	4,596.89	2	4,593.36	2 1/4	4,589.83	2 1/2	4,586.30	2 3/4	4,582.77	3	4,579.24	3 1/4	4,575.71
1 1/4	0	0	1 1/4	4,600.45	1 1/2	4,596.92	1 3/4	4,593.39	2	4,589.86	2 1/4	4,586.33	2 1/2	4,582.80	2 3/4	4,579.27	3	4,575.74	3 1/4	4,572.21	3 1/2	4,568.68
1 1/2	0	0	1 1/2	4,592.84	1 3/4	4,589.31	2	4,585.78	2 1/4	4,582.25	2 1/2	4,578.72	2 3/4	4,575.19	3	4,571.66	3 1/4	4,568.13	3 1/2	4,564.60	3 3/4	4,561.07
3/4	0	0	3/4	4,585.23	1	4,581.70	1 1/4	4,578.17	1 1/2	4,574.64	1 3/4	4,571.11	2	4,567.58	2 1/4	4,564.05	2 1/2	4,560.52	2 3/4	4,556.99	3	4,553.46
1	0	0	1	4,577.62	1 1/4	4,574.09	1 1/2	4,570.56	1 3/4	4,567.03	2	4,563.50	2 1/4	4,559.97	2 1/2	4,556.44	2 3/4	4,552.91	3	4,549.38	3 1/4	4,545.85
1 1/4	0	0	1 1/4	4,570.01	1 1/2	4,566.48	1 3/4	4,562.95	2	4,559.42	2 1/4	4,555.89	2 1/2	4,552.36	2 3/4	4,548.83	3	4,545.30	3 1/4	4,541.77	3 1/2	4,538.24
1 1/2	0	0	1 1/2	4,562.40	1 3/4	4,558.87	2	4,555.34	2 1/4	4,551.81	2 1/2	4,548.28	2 3/4	4,544.75	3	4,541.22	3 1/4	4,537.69	3 1/2	4,534.16	3 3/4	4,530.63
3/4	0	0	3/4	4,554.79	1	4,551.26	1 1/4	4,547.73	1 1/2	4,544.20	1 3/4	4,540.67	2	4,537.14	2 1/4	4,533.61	2 1/2	4,530.08	2 3/4	4,526.55	3	4,523.02
1	0	0	1	4,547.18	1 1/4	4,543.65	1 1/2	4,540.12	1 3/4	4,536.59	2	4,533.06	2 1/4	4,529.53	2 1/2	4,526.00	2 3/4	4,522.47	3	4,518.94	3 1/4	4,515.41
1 1/4	0	0	1 1/4	4,539.57	1 1/2	4,536.04	1 3/4	4,532.51	2	4,528.98	2 1/4	4,525.45	2 1/2	4,521.92	2 3/4	4,518.39	3	4,514.86	3 1/4	4,511.33	3 1/2	4,507.80
1 1/2	0	0	1 1/2	4,531.96	1 3/4	4,528.43	2	4,524.90	2 1/4	4,521.37	2 1/2	4,517.84	2 3/4	4,514.31	3	4,510.78	3 1/4	4,507.25	3 1/2	4,503.72	3 3/4	4,500.19
3/4	0	0	3/4	4,524.35	1	4,520.82	1 1/4	4,517.29	1 1/2	4,513.76	1 3/4	4,510.23	2	4,506.70	2 1/4	4,503.17	2 1/2	4,499.64	2 3/4	4,496.11	3	4,492.58
1	0	0	1	4,516.74	1 1/4	4,513.21	1 1/2	4,509.68	1 3/4	4,506.15	2	4,502.62	2 1/4	4,499.09	2 1/2	4,495.56	2 3/					



BARGE "KIRBY 28311"

2 PORT ULLAGE TABLE

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

FORMERLY "DXE 2912"

GAUGE HEIGHT 16.05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,362.53	0	1,997.25	0	1,631.97	0	1,266.69	0	901.41	0	536.13	0	170.94	0		0			
1/4	2,384.92	1/4	1,989.64	1/4	1,624.36	1/4	1,259.08	1/4	893.80	1/4	528.52	1/4	163.36	1/4		1/4			
1/2	2,347.31	1/2	1,982.03	1/2	1,616.75	1/2	1,251.47	1/2	886.19	1/2	520.91	1/2	155.78	1/2		1/2			
3/4	2,339.70	3/4	1,974.42	3/4	1,609.14	3/4	1,243.86	3/4	878.58	3/4	513.30	3/4	148.20	3/4		3/4			
1	2,332.09	1	1,966.81	1	1,601.53	1	1,236.25	1	870.97	1	505.69	1	140.62	1		1			
1/4	2,324.48	1/4	1,959.20	1/4	1,593.92	1/4	1,228.64	1/4	863.36	1/4	498.08	1/4	133.07	1/4		1/4			
1/2	2,316.87	1/2	1,951.59	1/2	1,586.31	1/2	1,221.03	1/2	855.75	1/2	490.47	1/2	125.52	1/2		1/2			
3/4	2,309.26	3/4	1,943.98	3/4	1,578.70	3/4	1,213.42	3/4	848.14	3/4	482.86	3/4	117.97	3/4		3/4			
2	2,301.65	2	1,936.37	2	1,571.09	2	1,205.81	2	840.53	2	475.25	2	110.50	2		2			
1/4	2,294.04	1/4	1,928.76	1/4	1,563.48	1/4	1,198.20	1/4	832.92	1/4	467.64	1/4	103.13	1/4		1/4			
1/2	2,286.43	1/2	1,921.15	1/2	1,555.87	1/2	1,190.59	1/2	825.31	1/2	460.03	1/2	95.76	1/2		1/2			
3/4	2,278.82	3/4	1,913.54	3/4	1,548.26	3/4	1,182.98	3/4	817.70	3/4	452.42	3/4	88.39	3/4		3/4			
3	2,271.21	3	1,905.93	3	1,540.65	3	1,175.37	3	810.09	3	444.81	3	81.31	3		3			
1/4	2,263.60	1/4	1,898.32	1/4	1,533.04	1/4	1,167.76	1/4	802.48	1/4	437.20	1/4	74.69	1/4		1/4			
1/2	2,255.99	1/2	1,890.71	1/2	1,525.43	1/2	1,160.15	1/2	794.87	1/2	429.59	1/2	68.07	1/2		1/2			
3/4	2,248.38	3/4	1,883.10	3/4	1,517.82	3/4	1,152.54	3/4	787.26	3/4	421.98	3/4	61.45	3/4		3/4			
4	2,240.77	4	1,875.49	4	1,510.21	4	1,144.93	4	779.65	4	414.37	4	55.29	4		4			
1/4	2,233.16	1/4	1,867.88	1/4	1,502.60	1/4	1,137.32	1/4	772.04	1/4	406.76	1/4	49.94	1/4		1/4			
1/2	2,225.55	1/2	1,860.27	1/2	1,494.99	1/2	1,129.71	1/2	764.43	1/2	399.15	1/2	44.59	1/2		1/2			
3/4	2,217.94	3/4	1,852.66	3/4	1,487.38	3/4	1,122.10	3/4	756.82	3/4	391.54	3/4	39.24	3/4		3/4			
5	2,210.33	5	1,845.05	5	1,479.77	5	1,114.49	5	749.21	5	383.93	5	34.36	5		5			
1/4	2,202.72	1/4	1,837.44	1/4	1,472.16	1/4	1,106.88	1/4	741.60	1/4	376.32	1/4	30.27	1/4		1/4			
1/2	2,195.11	1/2	1,829.83	1/2	1,464.55	1/2	1,099.27	1/2	733.99	1/2	368.71	1/2	30.27	1/2		1/2			
3/4	2,187.50	3/4	1,822.22	3/4	1,456.94	3/4	1,091.66	3/4	726.38	3/4	361.10	3/4		3/4		3/4			
6	2,179.89	6	1,814.61	6	1,449.33	6	1,084.05	6	718.77	6	353.49	6		6		6			
1/4	2,172.28	1/4	1,807.00	1/4	1,441.72	1/4	1,076.44	1/4	711.16	1/4	345.88	1/4		1/4		1/4			
1/2	2,164.67	1/2	1,799.39	1/2	1,434.11	1/2	1,068.83	1/2	703.55	1/2	338.27	1/2		1/2		1/2			
3/4	2,157.06	3/4	1,791.78	3/4	1,426.50	3/4	1,061.22	3/4	695.94	3/4	330.66	3/4		3/4		3/4			
7	2,149.45	7	1,784.17	7	1,418.89	7	1,053.61	7	688.33	7	323.05	7		7		7			
1/4	2,141.84	1/4	1,776.56	1/4	1,411.28	1/4	1,046.00	1/4	680.72	1/4	315.44	1/4		1/4		1/4			
1/2	2,134.23	1/2	1,768.95	1/2	1,403.67	1/2	1,038.39	1/2	673.11	1/2	307.83	1/2		1/2		1/2			
3/4	2,126.62	3/4	1,761.34	3/4	1,396.06	3/4	1,030.78	3/4	665.50	3/4	300.22	3/4		3/4		3/4			
8	2,119.01	8	1,753.73	8	1,388.45	8	1,023.17	8	657.89	8	292.61	8		8		8			
1/4	2,111.40	1/4	1,746.12	1/4	1,380.84	1/4	1,015.56	1/4	650.28	1/4	285.00	1/4		1/4		1/4			
1/2	2,103.79	1/2	1,738.51	1/2	1,373.23	1/2	1,007.95	1/2	642.67	1/2	277.39	1/2		1/2		1/2			
3/4	2,096.18	3/4	1,730.90	3/4	1,365.62	3/4	1,000.34	3/4	635.06	3/4	269.78	3/4		3/4		3/4			
9	2,088.57	9	1,723.29	9	1,358.01	9	992.73	9	627.45	9	262.17	9		9		9			
1/4	2,080.96	1/4	1,715.68	1/4	1,350.40	1/4	985.12	1/4	619.84	1/4	254.56	1/4		1/4		1/4			
1/2	2,073.35	1/2	1,708.07	1/2	1,342.79	1/2	977.51	1/2	612.23	1/2	246.95	1/2		1/2		1/2			
3/4	2,065.74	3/4	1,700.46	3/4	1,335.18	3/4	969.90	3/4	604.62	3/4	239.34	3/4		3/4		3/4			
10	2,058.13	10	1,692.85	10	1,327.57	10	962.29	10	597.01	10	231.73	10		10		10			
1/4	2,050.52	1/4	1,685.24	1/4	1,319.96	1/4	954.68	1/4	589.40	1/4	224.13	1/4		1/4		1/4			
1/2	2,042.91	1/2	1,677.63	1/2	1,312.35	1/2	947.07	1/2	581.79	1/2	216.53	1/2		1/2		1/2			
3/4	2,035.30	3/4	1,670.02	3/4	1,304.74	3/4	939.46	3/4	574.18	3/4	208.93	3/4		3/4		3/4			
11	2,027.69	11	1,662.41	11	1,297.13	11	931.85	11	566.57	11	201.33	11		11		11			
1/4	2,020.08	1/4	1,654.80	1/4	1,289.52	1/4	924.24	1/4	558.96	1/4	193.73	1/4		1/4		1/4			
1/2	2,012.47	1/2	1,647.19	1/2	1,281.91	1/2	916.63	1/2	551.35	1/2	186.13	1/2		1/2		1/2			
3/4	2,004.86	3/4	1,639.58	3/4	1,274.30	3/4	909.02	3/4	543.74	3/4	178.53	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 1226/1931 SI
DECK MEASUREMENTS: 02/18/2002 CL - SW
REPRINTED: 02/19/2002 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2002

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& ANALYSIS, INC.
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BARGE "KIRBY 28311"

2 STBD
ULLAGE TABLE

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

FORMERLY "DIXE 2912"

GAUGE HEIGHT 16'-05 7/8"

IN	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
1/4	0	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1/4	4,891.09	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,888.49	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,885.42	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
1/4	1	4,881.99	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	1/4	4,878.40	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,874.54	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,870.20	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
1/4	1	4,865.50	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	1/4	4,860.64	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,855.50	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,849.89	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
1/4	1	4,843.93	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	1/4	4,837.81	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,831.45	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,824.69	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
1/4	1	4,817.61	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	1/4	4,810.44	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,803.16	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,795.72	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
1/4	1	4,788.14	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	1/4	4,780.53	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,772.92	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,765.30	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
1/4	1	4,757.69	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	1/4	4,750.08	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,742.46	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,734.85	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
1/4	1	4,727.24	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	1/4	4,719.62	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,712.01	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,704.40	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
1/4	1	4,696.78	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	1/4	4,689.17	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,681.56	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,673.94	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
1/4	1	4,666.33	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	1/4	4,658.72	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,651.10	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,643.49	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
1/4	1	4,635.88	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	1/4	4,628.26	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,620.65	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,613.04	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
1/4	1	4,605.42	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	1/4	4,597.81	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4	1/2	1/4
3/4	1/2	4,590.20	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2	3/4	1/2
1	3/4	4,582.58	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

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPRS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE OR AT THE 2" STANDPIPE.

GAUGE POINT: (HERMETIC) LOCATED 11'-08" OFF CENTERLINE AND 46'-10" FORWARD OF AFT BULKHEAD.

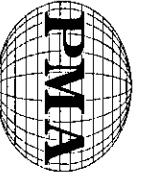
GAUGE POINT: (MANUAL) LOCATED 11'-08" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

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BARGE "KIRBY 28311"

2 STBD ULLAGE TABLE

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

FORMERLY "DXE 2912"

GAUGE HEIGHT 16'-05 7/8"

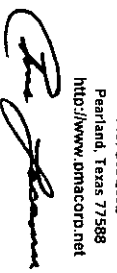
IN	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,382.31	0	2,016.87	0	1,651.42	0	1,285.98	0	920.56	0	555.21	0	189.88	0						
1/4	2,374.70	1/4	2,009.25	1/4	1,643.81	1/4	1,278.37	1/4	912.94	1/4	547.60	1/4	182.28	1/4						
1/2	2,367.08	1/2	2,001.64	1/2	1,636.20	1/2	1,270.75	1/2	905.33	1/2	539.99	1/2	174.69	1/2						
3/4	2,359.47	3/4	1,994.03	3/4	1,628.58	3/4	1,263.14	3/4	897.72	3/4	532.38	3/4	167.11	3/4						
1	2,351.86	1	1,986.41	1	1,620.97	1	1,255.53	1	890.11	1	524.76	1	159.53	1						
1/4	2,344.24	1/4	1,978.80	1/4	1,613.36	1/4	1,247.91	1/4	882.50	1/4	517.15	1/4	151.95	1/4						
1/2	2,336.63	1/2	1,971.19	1/2	1,605.74	1/2	1,240.30	1/2	874.89	1/2	509.54	1/2	144.38	1/2						
3/4	2,329.02	3/4	1,963.57	3/4	1,598.13	3/4	1,232.69	3/4	867.28	3/4	501.93	3/4	136.82	3/4						
2	2,321.40	2	1,955.96	2	1,590.52	2	1,225.07	2	859.67	2	494.32	2	129.27	2						
1/4	2,313.79	1/4	1,948.35	1/4	1,582.90	1/4	1,217.46	1/4	852.06	1/4	486.71	1/4	121.73	1/4						
1/2	2,306.18	1/2	1,940.73	1/2	1,575.29	1/2	1,209.85	1/2	844.45	1/2	479.09	1/2	114.22	1/2						
3/4	2,298.56	3/4	1,933.12	3/4	1,567.68	3/4	1,202.23	3/4	836.84	3/4	471.48	3/4	106.79	3/4						
3	2,290.95	3	1,925.51	3	1,560.06	3	1,194.62	3	829.23	3	463.87	3	99.41	3						
1/4	2,283.33	1/4	1,917.89	1/4	1,552.45	1/4	1,187.01	1/4	821.61	1/4	456.26	1/4	92.08	1/4						
1/2	2,275.72	1/2	1,910.28	1/2	1,544.84	1/2	1,179.39	1/2	814.00	1/2	448.65	1/2	84.91	1/2						
3/4	2,268.11	3/4	1,902.66	3/4	1,537.22	3/4	1,171.78	3/4	806.39	3/4	441.03	3/4	78.03	3/4						
4	2,260.49	4	1,895.05	4	1,529.61	4	1,164.17	4	798.78	4	433.42	4	71.35	4						
1/4	2,252.88	1/4	1,887.44	1/4	1,521.99	1/4	1,156.55	1/4	791.17	1/4	425.81	1/4	64.80	1/4						
1/2	2,245.27	1/2	1,879.82	1/2	1,514.38	1/2	1,148.94	1/2	783.56	1/2	418.20	1/2	58.52	1/2						
3/4	2,237.65	3/4	1,872.21	3/4	1,506.77	3/4	1,141.32	3/4	775.95	3/4	410.59	3/4	52.71	3/4						
5	2,230.04	5	1,864.60	5	1,499.15	5	1,133.71	5	768.34	5	402.97	5	47.26	5						
1/4	2,222.43	1/4	1,856.98	1/4	1,491.54	1/4	1,126.10	1/4	760.73	1/4	395.36	1/4	41.96	1/4						
1/2	2,214.81	1/2	1,849.37	1/2	1,483.93	1/2	1,118.48	1/2	753.12	1/2	387.75	1/2	36.98	1/2						
3/4	2,207.20	3/4	1,841.76	3/4	1,476.31	3/4	1,110.87	3/4	745.51	3/4	380.14	3/4	32.44	3/4						
6	2,199.59	6	1,834.14	6	1,468.70	6	1,103.26	6	737.90	6	372.52	6	30.27	6						
1/4	2,191.97	1/4	1,826.53	1/4	1,461.09	1/4	1,095.64	1/4	730.29	1/4	364.91	1/4		1/4						
1/2	2,184.36	1/2	1,818.92	1/2	1,453.47	1/2	1,088.03	1/2	722.67	1/2	357.30	1/2		1/2						
3/4	2,176.75	3/4	1,811.30	3/4	1,445.86	3/4	1,080.42	3/4	715.06	3/4	349.68	3/4		3/4						
7	2,169.13	7	1,803.69	7	1,438.25	7	1,072.80	7	707.45	7	342.07	7		7						
1/4	2,161.52	1/4	1,796.08	1/4	1,430.63	1/4	1,065.19	1/4	699.84	1/4	334.46	1/4		1/4						
1/2	2,153.91	1/2	1,788.46	1/2	1,423.02	1/2	1,057.58	1/2	692.23	1/2	326.85	1/2		1/2						
3/4	2,146.29	3/4	1,780.85	3/4	1,415.41	3/4	1,049.96	3/4	684.62	3/4	319.23	3/4		3/4						
8	2,138.68	8	1,773.24	8	1,407.79	8	1,042.35	8	677.01	8	311.62	8		8						
1/4	2,131.07	1/4	1,765.62	1/4	1,400.18	1/4	1,034.74	1/4	669.40	1/4	304.01	1/4		1/4						
1/2	2,123.45	1/2	1,758.01	1/2	1,392.57	1/2	1,027.12	1/2	661.78	1/2	296.39	1/2		1/2						
3/4	2,115.84	3/4	1,750.40	3/4	1,384.95	3/4	1,019.51	3/4	654.17	3/4	288.78	3/4		3/4						
9	2,108.23	9	1,742.78	9	1,377.34	9	1,011.90	9	646.56	9	281.17	9		9						
1/4	2,100.61	1/4	1,735.17	1/4	1,369.73	1/4	1,004.28	1/4	638.95	1/4	273.55	1/4		1/4						
1/2	2,093.00	1/2	1,727.56	1/2	1,362.11	1/2	996.67	1/2	631.33	1/2	265.94	1/2		1/2						
3/4	2,085.39	3/4	1,719.94	3/4	1,354.50	3/4	989.06	3/4	623.72	3/4	258.33	3/4		3/4						
10	2,077.77	10	1,712.33	10	1,346.89	10	981.45	10	616.11	10	250.72	10		10						
1/4	2,070.16	1/4	1,704.72	1/4	1,339.27	1/4	973.83	1/4	608.49	1/4	243.11	1/4		1/4						
1/2	2,062.55	1/2	1,697.10	1/2	1,331.66	1/2	966.22	1/2	600.88	1/2	235.50	1/2		1/2						
3/4	2,054.93	3/4	1,689.49	3/4	1,324.05	3/4	958.61	3/4	593.27	3/4	227.89	3/4		3/4						
11	2,047.32	11	1,681.88	11	1,316.43	11	951.00	11	585.66	11	220.28	11		11						
1/4	2,039.71	1/4	1,674.26	1/4	1,308.82	1/4	943.39	1/4	578.05	1/4	212.67	1/4		1/4						
1/2	2,032.09	1/2	1,666.65	1/2	1,301.21	1/2	935.78	1/2	570.44	1/2	205.07	1/2		1/2						
3/4	2,024.48	3/4	1,659.04	3/4	1,293.59	3/4	928.17	3/4	562.82	3/4	197.47	3/4		3/4						

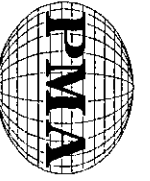
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 1/226/1991 SI
DECK MEASUREMENTS: 02/18/2002 CL - SW
REPRINTED: 02/19/2002 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2002

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BARGE "KIRBY 28311"

3 PORT ULLAGE TABLE

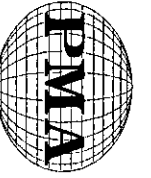
CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS			FORMERLY "DXE 2912"			GAUGE HEIGHT 16'-05 3/4"								
IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.				
0	2,373.35	0	2,008.44	0	1,643.54	0	1,279.00	0	915.27	0				
1/4	2,365.75	1/4	2,000.84	1/4	1,635.94	1/4	1,271.43	1/4	907.67	1/4	550.51	0	185.77	0
1/2	2,358.14	1/2	1,993.24	1/2	1,628.34	1/2	1,263.86	1/2	900.08	1/2	543.32	1/2	178.18	1/4
3/4	2,350.54	3/4	1,985.63	3/4	1,620.74	3/4	1,256.29	3/4	892.48	3/4	527.72	3/4	163.04	1/2
1	2,342.94	1	1,978.03	1	1,613.14	1	1,248.72	1	884.88	1	520.12	1	155.47	3/4
1 1/4	2,335.33	1 1/4	1,970.43	1 1/4	1,605.53	1 1/4	1,241.15	1 1/4	877.28	1 1/4	512.52	1 1/4	147.91	1
1 1/2	2,327.73	1 1/2	1,962.83	1 1/2	1,597.93	1 1/2	1,233.57	1 1/2	869.68	1 1/2	504.92	1 1/2	140.36	1 1/4
1 3/4	2,320.13	1 3/4	1,955.23	1 3/4	1,590.33	1 3/4	1,226.00	1 3/4	862.08	1 3/4	497.32	1 3/4	132.81	1 1/2
2	2,312.53	2	1,947.62	2	1,582.73	2	1,218.43	2	854.48	2	489.72	2	125.28	3/4
2 1/4	2,304.92	2 1/4	1,940.02	2 1/4	1,575.13	2 1/4	1,210.86	2 1/4	846.89	2 1/4	482.12	2 1/4	117.76	1
2 1/2	2,297.32	2 1/2	1,932.42	2 1/2	1,567.52	2 1/2	1,203.29	2 1/2	839.29	2 1/2	474.52	2 1/2	110.30	1 1/4
2 3/4	2,289.72	2 3/4	1,924.82	2 3/4	1,559.92	2 3/4	1,195.72	2 3/4	831.69	2 3/4	466.92	2 3/4	102.92	1 1/2
3	2,282.12	3	1,917.22	3	1,552.32	3	1,188.15	3	824.09	3	459.32	3	95.56	3/4
3 1/4	2,274.51	3 1/4	1,909.61	3 1/4	1,544.72	3 1/4	1,180.57	3 1/4	816.49	3 1/4	451.72	3 1/4	88.28	1
3 1/2	2,266.91	3 1/2	1,902.01	3 1/2	1,537.12	3 1/2	1,173.00	3 1/2	808.89	3 1/2	444.12	3 1/2	81.25	1 1/4
3 3/4	2,259.31	3 3/4	1,894.41	3 3/4	1,529.51	3 3/4	1,165.43	3 3/4	801.29	3 3/4	436.52	3 3/4	74.53	1 1/2
4	2,251.70	4	1,886.81	4	1,521.91	4	1,157.86	4	793.70	4	428.92	4	67.93	3/4
4 1/4	2,244.10	4 1/4	1,879.21	4 1/4	1,514.31	4 1/4	1,150.29	4 1/4	786.10	4 1/4	421.32	4 1/4	61.44	1
4 1/2	2,236.50	4 1/2	1,871.60	4 1/2	1,506.71	4 1/2	1,142.72	4 1/2	778.50	4 1/2	413.72	4 1/2	55.39	1 1/4
4 3/4	2,228.90	4 3/4	1,864.00	4 3/4	1,499.11	4 3/4	1,135.15	4 3/4	770.90	4 3/4	406.12	4 3/4	49.85	1 1/2
5	2,221.30	5	1,856.40	5	1,491.50	5	1,127.58	5	763.30	5	398.52	5	44.51	3/4
5 1/4	2,213.69	5 1/4	1,848.80	5 1/4	1,483.90	5 1/4	1,120.01	5 1/4	755.70	5 1/4	390.92	5 1/4	39.29	1
5 1/2	2,206.09	5 1/2	1,841.20	5 1/2	1,476.30	5 1/2	1,112.44	5 1/2	748.10	5 1/2	383.32	5 1/2	34.70	1 1/4
5 3/4	2,198.49	5 3/4	1,833.59	5 3/4	1,468.70	5 3/4	1,104.87	5 3/4	740.50	5 3/4	375.72	5 3/4	30.63	1 1/2
6	2,190.89	6	1,825.99	6	1,461.10	6	1,097.30	6	732.91	6	368.11	6	26.00	3/4
6 1/4	2,183.29	6 1/4	1,818.39	6 1/4	1,453.49	6 1/4	1,089.73	6 1/4	725.31	6 1/4	360.51	6 1/4	21.87	1
6 1/2	2,175.68	6 1/2	1,810.79	6 1/2	1,445.89	6 1/2	1,082.16	6 1/2	717.71	6 1/2	352.91	6 1/2	17.72	1 1/4
6 3/4	2,168.08	6 3/4	1,803.19	6 3/4	1,438.29	6 3/4	1,074.59	6 3/4	710.11	6 3/4	345.31	6 3/4	13.57	1 1/2
7	2,160.48	7	1,795.58	7	1,430.69	7	1,067.02	7	702.51	7	337.71	7	9.42	3/4
7 1/4	2,152.88	7 1/4	1,787.98	7 1/4	1,423.09	7 1/4	1,059.45	7 1/4	694.91	7 1/4	330.11	7 1/4	5.27	1
7 1/2	2,145.28	7 1/2	1,780.38	7 1/2	1,415.48	7 1/2	1,051.88	7 1/2	687.31	7 1/2	322.51	7 1/2	1.12	1 1/4
7 3/4	2,137.67	7 3/4	1,772.78	7 3/4	1,407.88	7 3/4	1,044.30	7 3/4	679.71	7 3/4	314.91	7 3/4	0.00	1 1/2
8	2,130.07	8	1,765.18	8	1,400.28	8	1,036.73	8	672.12	8	307.31	8	0.00	3/4
8 1/4	2,122.47	8 1/4	1,757.57	8 1/4	1,392.68	8 1/4	1,029.16	8 1/4	664.52	8 1/4	299.71	8 1/4	0.00	1
8 1/2	2,114.87	8 1/2	1,749.97	8 1/2	1,385.08	8 1/2	1,021.59	8 1/2	656.92	8 1/2	292.10	8 1/2	0.00	1 1/4
8 3/4	2,107.27	8 3/4	1,742.37	8 3/4	1,377.49	8 3/4	1,014.01	8 3/4	649.32	8 3/4	284.50	8 3/4	0.00	1 1/2
9	2,099.66	9	1,734.77	9	1,369.89	9	1,006.43	9	641.71	9	276.90	9	0.00	3/4
9 1/4	2,092.06	9 1/4	1,727.17	9 1/4	1,362.30	9 1/4	998.85	9 1/4	634.11	9 1/4	269.30	9 1/4	0.00	1
9 1/2	2,084.46	9 1/2	1,719.56	9 1/2	1,354.72	9 1/2	991.26	9 1/2	626.51	9 1/2	261.70	9 1/2	0.00	1 1/4
9 3/4	2,076.86	9 3/4	1,711.96	9 3/4	1,347.15	9 3/4	983.67	9 3/4	618.91	9 3/4	254.10	9 3/4	0.00	1 1/2
10	2,069.26	10	1,704.36	10	1,339.57	10	976.07	10	611.31	10	246.50	10	0.00	3/4
10 1/4	2,061.65	10 1/4	1,696.76	10 1/4	1,332.00	10 1/4	968.47	10 1/4	603.71	10 1/4	238.90	10 1/4	0.00	1
10 1/2	2,054.05	10 1/2	1,689.16	10 1/2	1,324.43	10 1/2	960.87	10 1/2	596.11	10 1/2	231.31	10 1/2	0.00	1 1/4
10 3/4	2,046.45	10 3/4	1,681.55	10 3/4	1,316.86	10 3/4	953.27	10 3/4	588.51	10 3/4	223.71	10 3/4	0.00	1 1/2
11	2,038.85	11	1,673.95	11	1,309.29	11	945.67	11	580.91	11	216.12	11	0.00	3/4
11 1/4	2,031.25	11 1/4	1,666.35	11 1/4	1,301.72	11 1/4	938.07	11 1/4	573.31	11 1/4	208.52	11 1/4	0.00	1
11 1/2	2,023.64	11 1/2	1,658.75	11 1/2	1,294.15	11 1/2	930.47	11 1/2	565.71	11 1/2	200.93	11 1/2	0.00	1 1/4
11 3/4	2,016.04	11 3/4	1,651.15	11 3/4	1,286.57	11 3/4	922.87	11 3/4	558.11	11 3/4	193.35	11 3/4	0.00	1 1/2

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/26/1991 SI
DECK MEASUREMENTS: 02/18/2002 CL - SW
REPRINTED: 02/19/2002 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/22/02

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



BARGE "KIRBY 28311"

3 STBD ULLAGE TABLE

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

FORMERLY "DYE 2912"

GAUGE HEIGHT 16'-05 3/4"

IN	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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,371.42	0	2,006.82	0	1,642.21	0	1,277.96	0	914.53	0	550.07	0	185.61	0						
1/4	2,363.82	1/4	1,999.23	1/4	1,634.62	1/4	1,270.40	1/4	906.94	1/4	542.48	1/4	178.04	1/4						
1/2	2,356.23	1/2	1,991.63	1/2	1,627.02	1/2	1,262.83	1/2	899.35	1/2	534.88	1/2	170.47	1/2						
3/4	2,348.63	3/4	1,984.03	3/4	1,619.43	3/4	1,255.27	3/4	891.76	3/4	527.29	3/4	162.91	3/4						
1	2,341.03	1	1,976.44	1	1,611.83	1	1,247.70	1	884.16	1	519.70	1	155.35	1						
1/4	2,333.44	1/4	1,968.84	1/4	1,604.23	1/4	1,240.14	1/4	876.57	1/4	512.10	1/4	147.79	1/4						
1/2	2,325.84	1/2	1,961.25	1/2	1,596.64	1/2	1,232.57	1/2	868.98	1/2	504.51	1/2	140.24	1/2						
3/4	2,318.24	3/4	1,953.65	3/4	1,589.04	3/4	1,225.01	3/4	861.39	3/4	496.91	3/4	132.71	3/4						
2	2,310.65	2	1,946.05	2	1,581.45	2	1,217.44	2	853.79	2	489.32	2	125.17	2						
1/4	2,303.05	1/4	1,938.46	1/4	1,573.85	1/4	1,209.88	1/4	846.20	1/4	481.73	1/4	117.64	1/4						
1/2	2,295.46	1/2	1,930.86	1/2	1,566.25	1/2	1,202.31	1/2	838.61	1/2	474.13	1/2	110.18	1/2						
3/4	2,287.86	3/4	1,923.27	3/4	1,558.66	3/4	1,194.75	3/4	831.02	3/4	466.54	3/4	102.83	3/4						
3	2,280.26	3	1,915.67	3	1,551.06	3	1,187.18	3	823.42	3	458.94	3	95.48	3						
1/4	2,272.67	1/4	1,908.07	1/4	1,543.47	1/4	1,179.62	1/4	815.83	1/4	451.35	1/4	88.14	1/4						
1/2	2,265.09	1/2	1,900.48	1/2	1,535.87	1/2	1,172.05	1/2	808.24	1/2	443.76	1/2	81.07	1/2						
3/4	2,257.49	3/4	1,892.88	3/4	1,528.27	3/4	1,164.49	3/4	800.65	3/4	436.16	3/4	74.47	3/4						
4	2,249.89	4	1,885.29	4	1,520.68	4	1,156.92	4	793.05	4	428.57	4	67.87	4						
1/4	2,242.30	1/4	1,877.69	1/4	1,513.08	1/4	1,149.36	1/4	785.46	1/4	420.98	1/4	61.27	1/4						
1/2	2,234.70	1/2	1,870.09	1/2	1,505.49	1/2	1,141.79	1/2	777.87	1/2	413.38	1/2	55.14	1/2						
3/4	2,227.11	3/4	1,862.50	3/4	1,497.89	3/4	1,134.23	3/4	770.28	3/4	405.79	3/4	49.81	3/4						
5	2,219.51	5	1,854.90	5	1,490.29	5	1,126.66	5	762.68	5	398.19	5	44.47	5						
1/4	2,211.91	1/4	1,847.31	1/4	1,482.70	1/4	1,119.10	1/4	755.09	1/4	390.60	1/4	39.14	1/4						
1/2	2,204.32	1/2	1,839.71	1/2	1,475.10	1/2	1,111.53	1/2	747.50	1/2	383.01	1/2	34.27	1/2						
3/4	2,196.72	3/4	1,832.11	3/4	1,467.51	3/4	1,103.97	3/4	739.90	3/4	375.41	3/4	30.20	3/4						
6	2,189.13	6	1,824.52	6	1,459.91	6	1,096.41	6	732.31	6	367.82	6		6						
1/4	2,181.53	1/4	1,816.92	1/4	1,452.31	1/4	1,088.84	1/4	724.72	1/4	360.22	1/4		1/4						
1/2	2,173.93	1/2	1,809.33	1/2	1,444.72	1/2	1,081.28	1/2	717.13	1/2	352.63	1/2		1/2						
3/4	2,166.34	3/4	1,801.73	3/4	1,437.12	3/4	1,073.71	3/4	709.53	3/4	345.03	3/4		3/4						
7	2,158.74	7	1,794.13	7	1,429.53	7	1,066.15	7	701.94	7	337.44	7		7						
1/4	2,151.15	1/4	1,786.54	1/4	1,421.93	1/4	1,058.59	1/4	694.35	1/4	329.84	1/4		1/4						
1/2	2,143.55	1/2	1,778.94	1/2	1,414.33	1/2	1,051.02	1/2	686.76	1/2	322.25	1/2		1/2						
3/4	2,135.95	3/4	1,771.35	3/4	1,406.74	3/4	1,043.46	3/4	679.16	3/4	314.65	3/4		3/4						
8	2,128.36	8	1,763.75	8	1,399.14	8	1,035.89	8	671.57	8	307.06	8		8						
1/4	2,120.76	1/4	1,756.15	1/4	1,391.55	1/4	1,028.33	1/4	663.98	1/4	299.46	1/4		1/4						
1/2	2,113.17	1/2	1,748.56	1/2	1,383.95	1/2	1,020.76	1/2	656.38	1/2	291.87	1/2		1/2						
3/4	2,105.57	3/4	1,740.96	3/4	1,376.37	3/4	1,013.19	3/4	648.79	3/4	284.27	3/4		3/4						
9	2,097.97	9	1,733.37	9	1,368.78	9	1,005.62	9	641.19	9	276.68	9		9						
1/4	2,090.38	1/4	1,725.77	1/4	1,361.19	1/4	998.04	1/4	633.60	1/4	269.08	1/4		1/4						
1/2	2,082.78	1/2	1,718.17	1/2	1,353.61	1/2	990.46	1/2	626.01	1/2	261.49	1/2		1/2						
3/4	2,075.19	3/4	1,710.58	3/4	1,346.05	3/4	982.87	3/4	618.41	3/4	253.89	3/4		3/4						
10	2,067.59	10	1,702.98	10	1,338.48	10	975.27	10	610.82	10	246.30	10		10						
1/4	2,059.99	1/4	1,695.39	1/4	1,330.92	1/4	967.68	1/4	603.23	1/4	238.71	1/4		1/4						
1/2	2,052.40	1/2	1,687.79	1/2	1,323.35	1/2	960.09	1/2	595.63	1/2	231.12	1/2		1/2						
3/4	2,044.80	3/4	1,680.19	3/4	1,315.79	3/4	952.50	3/4	588.04	3/4	223.53	3/4		3/4						
11	2,037.21	11	1,672.60	11	1,308.22	11	944.90	11	580.45	11	215.94	11		11						
1/4	2,029.61	1/4	1,665.00	1/4	1,300.66	1/4	937.31	1/4	572.85	1/4	208.35	1/4		1/4						
1/2	2,022.01	1/2	1,657.41	1/2	1,293.09	1/2	929.72	1/2	565.26	1/2	200.77	1/2		1/2						
3/4	2,014.42	3/4	1,649.81	3/4	1,285.53	3/4	922.13	3/4	557.66	3/4	193.19	3/4		3/4						

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