



KIRBY 28011



Barge Strapping Tables





BARGE "KIRBY 28011"

ULLAGE TRIM TABLE

FORMERLY "DXE 2953L"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
AFT DRAFT = 4'-00"
DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 234'-00"

March 14, 2006

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

<http://www.pmacorp.net>



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[illegible]

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (MANUAL) LOCATED 11'-00" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

DATE RECEIVED

Portland Tower 77588
P.O. Box 2082

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BARGE "KIRBY 28011"

1 PORT
ULLAGE TABLE

GAUGE HEIGHT 17'-00 1/4"

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

FORMERLY "DXE 2953L"

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	2,463.09	0	2,097.72	0	1,732.44	0	1,367.23	0	1,001.88	0	637.55	0	299.00	0	23.56	0	0	0	0
1/4	2,455.48	1/4	2,090.11	1/4	1,724.83	1/4	1,359.62	1/4	994.27	1/4	630.09	1/4	292.39	1/4	20.57	1/4	1/4	1/4	1/4
1/2	2,447.87	1/2	2,082.50	1/2	1,717.22	1/2	1,352.01	1/2	986.66	1/2	622.64	1/2	285.77	1/2		1/2	1/2	1/2	1/2
3/4	2,440.25	3/4	2,074.88	3/4	1,709.61	3/4	1,344.40	3/4	979.05	3/4	615.21	3/4	279.20	3/4		3/4	3/4	3/4	3/4
1	2,432.64	1	2,067.27	1	1,702.00	1	1,336.79	1	971.45	1	607.82	1	272.67	1		1	1	1	1
1/4	2,425.03	1/4	2,059.66	1/4	1,694.40	1/4	1,329.17	1/4	963.84	1/4	600.43	1/4	266.13	1/4		1/4	1/4	1/4	1/4
1/2	2,417.42	1/2	2,052.05	1/2	1,686.79	1/2	1,321.56	1/2	956.24	1/2	593.04	1/2	259.60	1/2		1/2	1/2	1/2	1/2
3/4	2,409.81	3/4	2,044.44	3/4	1,679.18	3/4	1,313.95	3/4	948.63	3/4	585.69	3/4	253.12	3/4		3/4	3/4	3/4	3/4
2	2,402.20	2	2,036.82	2	1,671.57	2	1,306.34	2	941.03	2	578.37	2	246.70	2		2	2	2	2
1/4	2,394.58	1/4	2,029.21	1/4	1,663.96	1/4	1,298.73	1/4	933.42	1/4	571.05	1/4	240.27	1/4		1/4	1/4	1/4	1/4
1/2	2,386.97	1/2	2,021.60	1/2	1,656.36	1/2	1,291.12	1/2	925.82	1/2	563.73	1/2	233.84	1/2		1/2	1/2	1/2	1/2
3/4	2,379.36	3/4	2,013.99	3/4	1,648.75	3/4	1,283.51	3/4	918.21	3/4	556.44	3/4	227.47	3/4		3/4	3/4	3/4	3/4
3	2,371.75	3	2,006.38	3	1,641.14	3	1,275.89	3	910.61	3	549.19	3	221.14	3		3	3	3	3
1/4	2,364.14	1/4	1,998.77	1/4	1,633.53	1/4	1,268.28	1/4	903.01	1/4	541.94	1/4	214.82	1/4		1/4	1/4	1/4	1/4
1/2	2,356.52	1/2	1,991.16	1/2	1,625.92	1/2	1,260.67	1/2	895.40	1/2	534.69	1/2	208.50	1/2		1/2	1/2	1/2	1/2
3/4	2,348.91	3/4	1,983.55	3/4	1,618.32	3/4	1,253.06	3/4	887.80	3/4	527.47	3/4	202.23	3/4		3/4	3/4	3/4	3/4
4	2,341.30	4	1,975.94	4	1,610.71	4	1,245.45	4	880.19	4	520.28	4	196.01	4		4	4	4	4
1/4	2,333.69	1/4	1,968.33	1/4	1,603.10	1/4	1,237.84	1/4	872.59	1/4	513.10	1/4	189.79	1/4		1/4	1/4	1/4	1/4
1/2	2,326.08	1/2	1,960.72	1/2	1,595.49	1/2	1,230.22	1/2	864.99	1/2	505.92	1/2	183.57	1/2		1/2	1/2	1/2	1/2
3/4	2,318.46	3/4	1,953.11	3/4	1,587.88	3/4	1,222.61	3/4	857.39	3/4	498.77	3/4	177.40	3/4		3/4	3/4	3/4	3/4
5	2,310.85	5	1,945.50	5	1,580.28	5	1,215.00	5	849.79	5	491.66	5	171.29	5		5	5	5	5
1/4	2,303.24	1/4	1,937.89	1/4	1,572.67	1/4	1,207.39	1/4	842.19	1/4	484.54	1/4	165.17	1/4		1/4	1/4	1/4	1/4
1/2	2,295.63	1/2	1,930.28	1/2	1,565.06	1/2	1,199.78	1/2	834.59	1/2	477.43	1/2	159.06	1/2		1/2	1/2	1/2	1/2
3/4	2,288.02	3/4	1,922.67	3/4	1,557.45	3/4	1,192.17	3/4	826.99	3/4	470.35	3/4	152.99	3/4		3/4	3/4	3/4	3/4
6	2,280.40	6	1,915.06	6	1,549.84	6	1,184.55	6	819.39	6	463.30	6	146.98	6		6	6	6	6
1/4	2,272.79	1/4	1,907.45	1/4	1,542.24	1/4	1,176.94	1/4	811.79	1/4	456.26	1/4	140.97	1/4		1/4	1/4	1/4	1/4
1/2	2,265.18	1/2	1,899.84	1/2	1,534.63	1/2	1,169.33	1/2	804.20	1/2	449.21	1/2	134.96	1/2		1/2	1/2	1/2	1/2
3/4	2,257.57	3/4	1,892.23	3/4	1,527.02	3/4	1,161.72	3/4	796.60	3/4	442.20	3/4	129.00	3/4		3/4	3/4	3/4	3/4
7	2,249.96	7	1,884.62	7	1,519.41	7	1,154.11	7	788.99	7	435.22	7	123.09	7		7	7	7	7
1/4	2,242.35	1/4	1,877.01	1/4	1,511.80	1/4	1,146.50	1/4	781.39	1/4	428.25	1/4	117.19	1/4		1/4	1/4	1/4	1/4
1/2	2,234.73	1/2	1,869.40	1/2	1,504.20	1/2	1,138.88	1/2	773.78	1/2	421.27	1/2	111.28	1/2		1/2	1/2	1/2	1/2
3/4	2,227.12	3/4	1,861.79	3/4	1,496.59	3/4	1,131.27	3/4	766.18	3/4	414.33	3/4	105.43	3/4		3/4	3/4	3/4	3/4
8	2,219.51	8	1,854.18	8	1,488.98	8	1,123.66	8	758.57	8	407.42	8	99.62	8		8	8	8	8
1/4	2,211.90	1/4	1,846.57	1/4	1,481.37	1/4	1,116.05	1/4	750.97	1/4	400.51	1/4	93.82	1/4		1/4	1/4	1/4	1/4
1/2	2,204.29	1/2	1,838.96	1/2	1,473.76	1/2	1,108.44	1/2	743.37	1/2	393.61	1/2	88.02	1/2		1/2	1/2	1/2	1/2
3/4	2,196.67	3/4	1,831.35	3/4	1,466.16	3/4	1,100.83	3/4	735.76	3/4	386.73	3/4	82.32	3/4		3/4	3/4	3/4	3/4
9	2,189.06	9	1,823.74	9	1,458.55	9	1,093.22	9	728.17	9	379.89	9	76.72	9		9	9	9	9
1/4	2,181.45	1/4	1,816.13	1/4	1,450.94	1/4	1,085.60	1/4	720.57	1/4	373.05	1/4	71.12	1/4		1/4	1/4	1/4	1/4
1/2	2,173.84	1/2	1,808.52	1/2	1,443.33	1/2	1,077.99	1/2	712.97	1/2	366.22	1/2	65.51	1/2		1/2	1/2	1/2	1/2
3/4	2,166.23	3/4	1,800.91	3/4	1,435.72	3/4	1,070.38	3/4	705.38	3/4	359.41	3/4	60.32	3/4		3/4	3/4	3/4	3/4
10	2,158.61	10	1,793.31	10	1,428.12	10	1,062.77	10	697.80	10	352.64	10	55.53	10		10	10	10	10
1/4	2,151.00	1/4	1,785.70	1/4	1,420.51	1/4	1,055.16	1/4	690.22	1/4	345.87	1/4	50.75	1/4		1/4	1/4	1/4	1/4
1/2	2,143.39	1/2	1,778.09	1/2	1,412.90	1/2	1,047.55	1/2	682.64	1/2	339.10	1/2	45.96	1/2		1/2	1/2	1/2	1/2
3/4	2,135.78	3/4	1,770.48	3/4	1,405.29	3/4	1,039.93	3/4	675.08	3/4	332.37	3/4	41.63	3/4		3/4	3/4	3/4	3/4
11	2,128.17	11	1,762.87	11	1,397.68	11	1,032.32	11	667.56	11	325.67	11	37.75	11		11	11	11	11
1/4	2,120.55	1/4	1,755.26	1/4	1,390.07	1/4	1,024.71	1/4	660.03	1/4	318.97	1/4	33.87	1/4		1/4	1/4	1/4	1/4
1/2	2,112.94	1/2	1,747.65	1/2	1,382.46	1/2	1,017.10	1/2	652.50	1/2	312.28	1/2	29.99	1/2		1/2	1/2	1/2	1/2
3/4	2,105.33	3/4	1,740.04	3/4	1,374.84	3/4	1,009.49	3/4	645.01	3/4	305.62	3/4	26.55	3/4		3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/1996 SI
DECK MEASUREMENTS: 03/14/2006 SW
REPRINTED: 03/14/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2006

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2082
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http://www.pmacorp.net

P. J. Mac



BARGE "KIRBY 28011"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS												FORMERLY "DXE 2953L"												GAUGE HEIGHT 17'-00 3/8"											
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	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	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	1/4	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	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	3/4	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	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	1/4	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	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	3/4	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	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	1/4	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	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	3/4	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	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	1/4	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	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	3/4	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	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	1/4	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	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	3/4	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	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	1/4	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	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	3/4	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	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	1/4	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	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	3/4	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	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	1/4	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	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	3/4	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	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	1/4	1/4	1/4	1/4											



BARGE "KIRBY 28011"

1 STBD ULLAGE TABLE

Gauge Height 17'-00 3/8"

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

FORMERLY "DXE 2953L"

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	2,469.05	0	2,103.39	0	1,737.77	0	1,372.12	0	1,006.48	0	641.79	0	292.56	0	25.13	0	0	0	0
1/4	2,461.44	1/4	2,095.77	1/4	1,730.16	1/4	1,364.51	1/4	998.86	1/4	634.32	1/4	295.93	1/4	22.08	1/4	1/4	1/4	1/4
1/2	2,453.82	1/2	2,088.15	1/2	1,722.54	1/2	1,356.89	1/2	991.25	1/2	626.86	1/2	289.31	1/2	20.58	1/2	1/2	1/2	1/2
3/4	2,446.20	3/4	2,080.54	3/4	1,714.92	3/4	1,349.27	3/4	983.63	3/4	619.42	3/4	282.72	3/4		3/4	3/4	3/4	3/4
1	2,438.58	1	2,072.92	1	1,707.30	1	1,341.65	1	976.02	1	612.00	1	276.15	1		1	1	1	1
1/4	2,430.96	1/4	2,065.30	1/4	1,699.69	1/4	1,334.04	1/4	968.41	1/4	604.60	1/4	269.61	1/4		1/4	1/4	1/4	1/4
1/2	2,423.35	1/2	2,057.68	1/2	1,692.07	1/2	1,326.42	1/2	960.80	1/2	597.21	1/2	263.08	1/2		1/2	1/2	1/2	1/2
3/4	2,415.73	3/4	2,050.06	3/4	1,684.45	3/4	1,318.80	3/4	953.19	3/4	589.84	3/4	256.58	3/4		3/4	3/4	3/4	3/4
2	2,408.11	2	2,042.45	2	1,676.83	2	1,311.18	2	945.58	2	582.49	2	250.11	2		2	2	2	2
1/4	2,400.49	1/4	2,034.83	1/4	1,669.22	1/4	1,303.57	1/4	937.97	1/4	575.16	1/4	243.68	1/4		1/4	1/4	1/4	1/4
1/2	2,392.87	1/2	2,027.21	1/2	1,661.60	1/2	1,295.95	1/2	930.36	1/2	567.84	1/2	237.25	1/2		1/2	1/2	1/2	1/2
3/4	2,385.26	3/4	2,019.59	3/4	1,653.98	3/4	1,288.33	3/4	922.74	3/4	560.53	3/4	230.85	3/4		3/4	3/4	3/4	3/4
3	2,377.64	3	2,011.97	3	1,646.36	3	1,280.71	3	915.13	3	553.26	3	224.49	3		3	3	3	3
1/4	2,370.02	1/4	2,004.36	1/4	1,638.74	1/4	1,273.09	1/4	907.52	1/4	545.99	1/4	218.15	1/4		1/4	1/4	1/4	1/4
1/2	2,362.40	1/2	1,996.74	1/2	1,631.13	1/2	1,265.48	1/2	899.91	1/2	538.74	1/2	211.83	1/2		1/2	1/2	1/2	1/2
3/4	2,354.78	3/4	1,989.13	3/4	1,623.51	3/4	1,257.86	3/4	892.30	3/4	531.50	3/4	205.54	3/4		3/4	3/4	3/4	3/4
4	2,347.17	4	1,981.51	4	1,615.89	4	1,250.24	4	884.69	4	524.29	4	199.28	4		4	4	4	4
1/4	2,339.55	1/4	1,973.89	1/4	1,608.27	1/4	1,242.62	1/4	877.09	1/4	517.10	1/4	193.05	1/4		1/4	1/4	1/4	1/4
1/2	2,331.93	1/2	1,966.28	1/2	1,600.66	1/2	1,235.01	1/2	869.48	1/2	509.92	1/2	186.83	1/2		1/2	1/2	1/2	1/2
3/4	2,324.31	3/4	1,958.66	3/4	1,593.04	3/4	1,227.39	3/4	861.87	3/4	502.75	3/4	180.64	3/4		3/4	3/4	3/4	3/4
5	2,316.69	5	1,951.04	5	1,585.42	5	1,219.77	5	854.27	5	495.61	5	174.49	5		5	5	5	5
1/4	2,309.08	1/4	1,943.43	1/4	1,577.80	1/4	1,212.15	1/4	846.66	1/4	488.48	1/4	168.36	1/4		1/4	1/4	1/4	1/4
1/2	2,301.46	1/2	1,935.81	1/2	1,570.19	1/2	1,204.54	1/2	839.06	1/2	481.37	1/2	162.25	1/2		1/2	1/2	1/2	1/2
3/4	2,293.84	3/4	1,928.19	3/4	1,562.57	3/4	1,196.92	3/4	831.45	3/4	474.27	3/4	156.16	3/4		3/4	3/4	3/4	3/4
6	2,286.22	6	1,920.58	6	1,554.95	6	1,189.30	6	823.84	6	467.20	6	150.11	6		6	6	6	6
1/4	2,278.60	1/4	1,912.96	1/4	1,547.33	1/4	1,181.68	1/4	816.24	1/4	460.14	1/4	144.09	1/4		1/4	1/4	1/4	1/4
1/2	2,270.99	1/2	1,905.34	1/2	1,539.71	1/2	1,174.06	1/2	808.63	1/2	453.10	1/2	138.08	1/2		1/2	1/2	1/2	1/2
3/4	2,263.37	3/4	1,897.73	3/4	1,532.10	3/4	1,166.45	3/4	801.03	3/4	446.07	3/4	132.10	3/4		3/4	3/4	3/4	3/4
7	2,255.75	7	1,890.11	7	1,524.48	7	1,158.83	7	793.42	7	439.06	7	126.15	7		7	7	7	7
1/4	2,248.13	1/4	1,882.49	1/4	1,516.86	1/4	1,151.21	1/4	785.81	1/4	432.08	1/4	120.24	1/4		1/4	1/4	1/4	1/4
1/2	2,240.51	1/2	1,874.88	1/2	1,509.24	1/2	1,143.59	1/2	778.20	1/2	425.10	1/2	114.33	1/2		1/2	1/2	1/2	1/2
3/4	2,232.90	3/4	1,867.26	3/4	1,501.63	3/4	1,135.98	3/4	770.59	3/4	418.14	3/4	108.45	3/4		3/4	3/4	3/4	3/4
8	2,225.28	8	1,859.64	8	1,494.01	8	1,128.36	8	762.98	8	411.20	8	102.61	8		8	8	8	8
1/4	2,217.66	1/4	1,852.03	1/4	1,486.39	1/4	1,120.74	1/4	755.37	1/4	404.29	1/4	96.80	1/4		1/4	1/4	1/4	1/4
1/2	2,210.04	1/2	1,844.41	1/2	1,478.77	1/2	1,113.12	1/2	747.76	1/2	397.38	1/2	91.00	1/2		1/2	1/2	1/2	1/2
3/4	2,202.42	3/4	1,836.80	3/4	1,471.16	3/4	1,105.51	3/4	740.15	3/4	390.49	3/4	85.26	3/4		3/4	3/4	3/4	3/4
9	2,194.81	9	1,829.18	9	1,463.54	9	1,097.89	9	732.54	9	383.62	9	79.59	9		9	9	9	9
1/4	2,187.19	1/4	1,821.56	1/4	1,455.92	1/4	1,090.27	1/4	724.94	1/4	376.77	1/4	73.98	1/4		1/4	1/4	1/4	1/4
1/2	2,179.57	1/2	1,813.95	1/2	1,448.30	1/2	1,082.65	1/2	717.33	1/2	369.93	1/2	68.42	1/2		1/2	1/2	1/2	1/2
3/4	2,171.95	3/4	1,806.33	3/4	1,440.68	3/4	1,075.03	3/4	709.73	3/4	363.11	3/4	63.07	3/4		3/4	3/4	3/4	3/4
10	2,164.33	10	1,798.71	10	1,433.07	10	1,067.42	10	702.14	10	356.31	10	58.02	10		10	10	10	10
1/4	2,156.72	1/4	1,791.10	1/4	1,425.45	1/4	1,059.80	1/4	694.56	1/4	349.53	1/4	53.18	1/4		1/4	1/4	1/4	1/4
1/2	2,149.10	1/2	1,783.48	1/2	1,417.83	1/2	1,052.18	1/2	686.97	1/2	342.76	1/2	48.45	1/2		1/2	1/2	1/2	1/2
3/4	2,141.48	3/4	1,775.86	3/4	1,410.21	3/4	1,044.56	3/4	679.40	3/4	336.01	3/4	43.94	3/4		3/4	3/4	3/4	3/4
11	2,133.86	11	1,768.25	11	1,402.60	11	1,036.95	11	671.85	11	329.28	11	39.78	11		11	11	11	11
1/4	2,126.24	1/4	1,760.63	1/4	1,394.98	1/4	1,029.33	1/4	664.32	1/4	322.58	1/4	35.84	1/4		1/4	1/4	1/4	1/4
1/2	2,118.63	1/2	1,753.01	1/2	1,387.36	1/2	1,021.71	1/2	656.79	1/2	315.88	1/2	32.01	1/2		1/2	1/2	1/2	1/2
3/4	2,111.01	3/4	1,745.39	3/4	1,379.74	3/4	1,014.10	3/4	649.28	3/4	309.20	3/4	28.40	3/4		3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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DECK MEASUREMENTS: 03/14/2006 SW
REPRINTED: 03/14/2006 CL

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Tom J. Gamm



**2 PORT
ULLAGE TABLE**

**PRECISION MEASUREMENT
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SHEET NO. 5 OF 12



BARGE "KIRBY 28011"

2 PORT
ULLAGE TABLE

GAUGE HEIGHT 17'-00"

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

FORMERLY "DXE 2953L"

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	2,550.01	0	2,185.99	0	1,822.01	0	1,458.05	0	1,094.65	0	731.48	0	368.07	0	28.26	0		0	
1/4	2,542.42	1/4	2,178.41	1/4	1,814.43	1/4	1,450.47	1/4	1,087.08	1/4	723.92	1/4	360.49	1/4		1/4		1/4	
1/2	2,534.84	1/2	2,170.83	1/2	1,806.85	1/2	1,442.88	1/2	1,079.51	1/2	716.35	1/2	352.91	1/2		1/2		1/2	
3/4	2,527.26	3/4	2,163.24	3/4	1,799.27	3/4	1,435.30	3/4	1,071.94	3/4	708.79	3/4	345.33	3/4		3/4		3/4	
1	2,519.67	1	2,155.66	1	1,791.68	1	1,427.72	1	1,064.38	1	701.23	1	337.74	1		1		1	
1/4	2,512.09	1/4	2,148.08	1/4	1,784.10	1/4	1,420.14	1/4	1,056.81	1/4	693.67	1/4	330.16	1/4		1/4		1/4	
1/2	2,504.50	1/2	2,140.49	1/2	1,776.52	1/2	1,412.56	1/2	1,049.24	1/2	686.11	1/2	322.58	1/2		1/2		1/2	
3/4	2,496.92	3/4	2,132.91	3/4	1,768.94	3/4	1,404.99	3/4	1,041.67	3/4	678.54	3/4	314.99	3/4		3/4		3/4	
2	2,489.34	2	2,125.32	2	1,761.35	2	1,397.42	2	1,034.10	2	670.98	2	307.41	2		2		2	
1/4	2,481.75	1/4	2,117.74	1/4	1,753.77	1/4	1,389.85	1/4	1,026.53	1/4	663.42	1/4	299.83	1/4		1/4		1/4	
1/2	2,474.17	1/2	2,110.16	1/2	1,746.19	1/2	1,382.28	1/2	1,018.96	1/2	655.86	1/2	292.25	1/2		1/2		1/2	
3/4	2,466.59	3/4	2,102.57	3/4	1,738.61	3/4	1,374.71	3/4	1,011.39	3/4	648.30	3/4	284.66	3/4		3/4		3/4	
3	2,459.00	3	2,094.99	3	1,731.02	3	1,367.14	3	1,003.83	3	640.73	3	277.10	3		3		3	
1/4	2,451.42	1/4	2,087.41	1/4	1,723.44	1/4	1,359.58	1/4	996.26	1/4	633.17	1/4	269.55	1/4		1/4		1/4	
1/2	2,443.84	1/2	2,079.82	1/2	1,715.86	1/2	1,352.01	1/2	988.69	1/2	625.61	1/2	262.00	1/2		1/2		1/2	
3/4	2,436.25	3/4	2,072.24	3/4	1,708.28	3/4	1,344.44	3/4	981.12	3/4	618.05	3/4	254.45	3/4		3/4		3/4	
4	2,428.67	4	2,064.66	4	1,700.69	4	1,336.87	4	973.55	4	610.48	4	246.91	4		4		4	
1/4	2,421.08	1/4	2,057.08	1/4	1,693.11	1/4	1,329.30	1/4	965.98	1/4	602.92	1/4	239.36	1/4		1/4		1/4	
1/2	2,413.50	1/2	2,049.49	1/2	1,685.53	1/2	1,321.73	1/2	958.41	1/2	595.36	1/2	231.81	1/2		1/2		1/2	
3/4	2,405.92	3/4	2,041.91	3/4	1,677.95	3/4	1,314.16	3/4	950.84	3/4	587.80	3/4	224.26	3/4		3/4		3/4	
5	2,398.33	5	2,034.33	5	1,670.36	5	1,306.59	5	943.27	5	580.24	5	216.71	5		5		5	
1/4	2,390.75	1/4	2,026.75	1/4	1,662.78	1/4	1,299.02	1/4	935.70	1/4	572.67	1/4	209.16	1/4		1/4		1/4	
1/2	2,383.17	1/2	2,019.16	1/2	1,655.20	1/2	1,291.45	1/2	928.13	1/2	565.11	1/2	201.62	1/2		1/2		1/2	
3/4	2,375.58	3/4	2,011.58	3/4	1,647.62	3/4	1,283.88	3/4	920.56	3/4	557.55	3/4	194.07	3/4		3/4		3/4	
6	2,368.00	6	2,004.00	6	1,640.03	6	1,276.31	6	912.99	6	549.99	6	186.52	6		6		6	
1/4	2,360.42	1/4	1,996.41	1/4	1,632.45	1/4	1,268.74	1/4	905.43	1/4	542.42	1/4	178.97	1/4		1/4		1/4	
1/2	2,352.83	1/2	1,988.83	1/2	1,624.87	1/2	1,261.17	1/2	897.86	1/2	534.86	1/2	171.42	1/2		1/2		1/2	
3/4	2,345.25	3/4	1,981.25	3/4	1,617.28	3/4	1,253.60	3/4	890.29	3/4	527.30	3/4	163.88	3/4		3/4		3/4	
7	2,337.67	7	1,973.67	7	1,609.70	7	1,246.03	7	882.72	7	519.73	7	156.33	7		7		7	
1/4	2,330.08	1/4	1,966.08	1/4	1,602.12	1/4	1,238.46	1/4	875.16	1/4	512.15	1/4	148.78	1/4		1/4		1/4	
1/2	2,322.50	1/2	1,958.50	1/2	1,594.54	1/2	1,230.90	1/2	867.60	1/2	504.56	1/2	141.23	1/2		1/2		1/2	
3/4	2,314.91	3/4	1,950.92	3/4	1,586.95	3/4	1,223.33	3/4	860.03	3/4	496.98	3/4	133.68	3/4		3/4		3/4	
8	2,307.33	8	1,943.34	8	1,579.37	8	1,215.76	8	852.47	8	489.40	8	126.13	8		8		8	
1/4	2,299.75	1/4	1,935.75	1/4	1,571.79	1/4	1,208.19	1/4	844.91	1/4	481.81	1/4	118.59	1/4		1/4		1/4	
1/2	2,292.16	1/2	1,928.17	1/2	1,564.21	1/2	1,200.62	1/2	837.35	1/2	474.23	1/2	111.04	1/2		1/2		1/2	
3/4	2,284.58	3/4	1,920.59	3/4	1,556.62	3/4	1,193.05	3/4	829.79	3/4	466.65	3/4	103.49	3/4		3/4		3/4	
9	2,277.00	9	1,913.01	9	1,549.04	9	1,185.48	9	822.22	9	459.07	9	96.07	9		9		9	
1/4	2,269.41	1/4	1,905.42	1/4	1,541.46	1/4	1,177.91	1/4	814.66	1/4	451.48	1/4	88.78	1/4		1/4		1/4	
1/2	2,261.83	1/2	1,897.84	1/2	1,533.88	1/2	1,170.34	1/2	807.10	1/2	443.90	1/2	81.93	1/2		1/2		1/2	
3/4	2,254.25	3/4	1,890.26	3/4	1,526.29	3/4	1,162.77	3/4	799.54	3/4	436.32	3/4	75.51	3/4		3/4		3/4	
10	2,246.66	10	1,882.68	10	1,518.71	10	1,155.20	10	791.98	10	428.74	10	69.09	10		10		10	
1/4	2,239.08	1/4	1,875.09	1/4	1,511.13	1/4	1,147.63	1/4	784.41	1/4	421.15	1/4	62.68	1/4		1/4		1/4	
1/2	2,231.49	1/2	1,867.51	1/2	1,503.55	1/2	1,140.06	1/2	776.85	1/2	413.57	1/2	56.84	1/2		1/2		1/2	
3/4	2,223.91	3/4	1,859.93	3/4	1,495.96	3/4	1,132.49	3/4	769.29	3/4	405.99	3/4	51.59	3/4		3/4		3/4	
11	2,216.33	11	1,852.35	11	1,488.38	11	1,124.93	11	761.73	11	398.40	11	46.34	11		11		11	
1/4	2,208.74	1/4	1,844.76	1/4	1,480.80	1/4	1,117.36	1/4	754.16	1/4	390.82	1/4	41.09	1/4		1/4		1/4	
1/2	2,201.16	1/2	1,837.18	1/2	1,473.22	1/2	1,109.79	1/2	746.60	1/2	383.24	1/2	36.43	1/2		1/2		1/2	
3/4	2,193.58	3/4	1,829.60	3/4	1,465.63	3/4	1,102.22	3/4	739.04	3/4	375.66	3/4	32.34	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/1996 SI
DECK MEASUREMENTS: 03/14/2006 SW
REPRINTED: 03/14/2006 CL

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The Johnson



BARGE "KIRBY 28011"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS												FORMERLY "DXE 2953L"												GAUGE HEIGHT 17'-00 1/4"											
0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.								
IN	1/2	3/4	IN	1/2	3/4	IN	1/2	3/4	IN	1/2	3/4	IN	1/2	3/4	IN	1/2	3/4	IN	1/2	3/4	IN	1/2	3/4	IN	1/2	3/4	IN	1/2	3/4						
0	0	0	0	0	0	0	0	0	4,720.63	0	0	4,381.81	0	0	4,029.46	0	0	3,665.70	0	0	3,300.27	0	0	2,934.85	0	0	2,569.43	0	0	2,203.99					
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,011.06	1/4	1/4	4,713.70	1/4	1/4	4,374.59	1/4	1/4	4,021.97	1/4	1/4	3,658.08	1/4	1/4	3,292.66	1/4	1/4	2,927.23	1/4	1/4	2,561.80					
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,009.68	1/2	1/2	4,706.77	1/2	1/2	4,367.37	1/2	1/2	4,014.48	1/2	1/2	3,650.47	1/2	1/2	3,285.05	1/2	1/2	2,919.62	1/2	1/2	2,556.37					
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,006.36	3/4	3/4	4,699.83	3/4	3/4	4,360.15	3/4	3/4	4,006.99	3/4	3/4	3,642.86	3/4	3/4	3,277.43	3/4	3/4	2,912.01	3/4	3/4	2,552.94					
1	1	1	1	1	1	1	1	1	5,002.47	1	1	4,692.90	1	1	4,352.93	1	1	3,999.50	1	1	3,635.24	1	1	3,269.82	1	1	2,904.40	1	1	2,548.97					
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	4,998.59	1 1/4	1 1/4	4,685.97	1 1/4	1 1/4	4,345.71	1 1/4	1 1/4	3,992.01	1 1/4	1 1/4	3,627.63	1 1/4	1 1/4	3,262.21	1 1/4	1 1/4	2,896.78	1 1/4	1 1/4	2,544.54					
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	4,994.70	1 1/2	1 1/2	4,679.03	1 1/2	1 1/2	4,338.49	1 1/2	1 1/2	3,984.52	1 1/2	1 1/2	3,620.02	1 1/2	1 1/2	3,254.59	1 1/2	1 1/2	2,889.17	1 1/2	1 1/2	2,542.30					
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	4,990.26	1 3/4	1 3/4	4,672.10	1 3/4	1 3/4	4,331.27	1 3/4	1 3/4	3,977.03	1 3/4	1 3/4	3,612.40	1 3/4	1 3/4	3,246.98	1 3/4	1 3/4	2,881.56	1 3/4	1 3/4	2,539.99					
2	2	2	2	2	2	2	2	2	4,985.25	2	2	4,665.14	2	2	4,324.02	2	2	3,969.51	2	2	3,604.79	2	2	3,239.37	2	2	2,873.94	2	2	2,537.52					
2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	4,980.23	2 1/4	2 1/4	4,658.17	2 1/4	2 1/4	4,316.76	2 1/4	2 1/4	3,961.98	2 1/4	2 1/4	3,597.18	2 1/4	2 1/4	3,231.75	2 1/4	2 1/4	2,866.33	2 1/4	2 1/4	2,535.05					
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	4,975.22	2 1/2	2 1/2	4,651.19	2 1/2	2 1/2	4,309.49	2 1/2	2 1/2	3,954.44	2 1/2	2 1/2	3,589.57	2 1/2	2 1/2	3,224.14	2 1/2	2 1/2	2,858.72	2 1/2	2 1/2	2,532.77					
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	4,969.66	2 3/4	2 3/4	4,644.21	2 3/4	2 3/4	4,302.23	2 3/4	2 3/4	3,946.89	2 3/4	2 3/4	3,581.95	2 3/4	2 3/4	3,216.53	2 3/4	2 3/4	2,851.10	2 3/4	2 3/4	2,530.29					
3	3	3	3	3	3	3	3	3	4,963.56	3	3	4,637.23	3	3	4,294.96	3	3	3,939.35	3	3	3,574.34	3	3	3,208.92	3	3	2,843.49	3	3	2,527.88					
3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	4,957.45	3 1/4	3 1/4	4,630.25	3 1/4	3 1/4	4,287.70	3 1/4	3 1/4	3,931.80	3 1/4	3 1/4	3,566.73	3 1/4	3 1/4	3,201.30	3 1/4	3 1/4	2,835.88	3 1/4	3 1/4	2,525.69					
3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	4,951.34	3 1/2	3 1/2	4,623.28	3 1/2	3 1/2	4,280.43	3 1/2	3 1/2	3,924.26	3 1/2	3 1/2	3,559.11	3 1/2	3 1/2	3,193.69	3 1/2	3 1/2	2,828.27	3 1/2	3 1/2	2,523.50					
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	4,944.95	3 3/4	3 3/4	4,616.30	3 3/4	3 3/4	4,273.16	3 3/4	3 3/4	3,916.71	3 3/4	3 3/4	3,551.50	3 3/4	3 3/4	3,186.08	3 3/4	3 3/4	2,820.65	3 3/4	3 3/4	2,521.31					
4	4	4	4	4	4	4	4	4	4,938.26	4	4	4,609.30	4	4	4,265.86	4	4	3,909.14	4	4	3,543.89	4	4	3,178.46	4	4	2,813.04	4	4	2,519.02					
4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4,931.56	4 1/4	4 1/4	4,602.28	4 1/4	4 1/4	4,258.54	4 1/4	4 1/4	3,901.55	4 1/4	4 1/4	3,536.27	4 1/4	4 1/4	3,170.85	4 1/4	4 1/4	2,805.43	4 1/4	4 1/4	2,516.73					
4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4,924.86	4 1/2	4 1/2	4,595.25	4 1/2	4 1/2	4,251.22	4 1/2	4 1/2	3,893.96	4 1/2	4 1/2	3,528.66	4 1/2	4 1/2	3,163.24	4 1/2	4 1/2	2,797.81	4 1/2	4 1/2	2,514.44					
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4,918.16	4 3/4	4 3/4	4,588.23	4 3/4	4 3/4	4,243.90	4 3/4	4 3/4	3,886.37	4 3/4	4 3/4	3,521.05	4 3/4	4 3/4	3,155.62	4 3/4	4 3/4	2,790.20	4 3/4	4 3/4	2,512.19					
5	5	5	5	5	5	5	5	5	4,911.46	5	5	4,581.21	5	5	4,236.58	5	5	3,878.78	5	5	3,513.44	5	5	3,148.01	5	5	2,782.59	5	5	2,509.68					
5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	4,904.76	5 1/4	5 1/4	4,574.18	5 1/4	5 1/4	4,229.26	5 1/4	5 1/4	3,871.19	5 1/4	5 1/4	3,505.82	5 1/4	5 1/4	3,140.40	5 1/4	5 1/4	2,774.97	5 1/4	5 1/4	2,507.37					
5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	4,898.06	5 1/2	5 1/2	4,567.16	5 1/2	5 1/2	4,221.94	5 1/2	5 1/2	3,863.60	5 1/2	5 1/2	3,498.21	5 1/2	5 1/2	3,132.79	5 1/2	5 1/2	2,767.36	5 1/2	5 1/2	2,504.96					
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	4,891.36	5 3/4	5 3/4	4,560.14	5 3/4	5 3/4	4,214.62	5 3/4	5 3/4	3,856.01	5 3/4	5 3/4	3,490.60	5 3/4	5 3/4	3,125.17	5 3/4	5 3/4	2,759.75	5 3/4	5 3/4	2,502.55					
6	6	6	6	6	6	6	6	6	4,884.64	6	6	4,553.09	6	6	4,207.27	6	6	3,848.41	6	6	3,482.98	6	6	3,117.56	6	6	2,752.14	6	6	2,499.34					
6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	4,877.89	6 1/4	6 1/4	4,546.02	6 1/4	6 1/4	4,199.91	6 1/4	6 1/4	3,840.79	6 1/4	6 1/4	3,475.37	6 1/4	6 1/4	3,109.95	6 1/4	6 1/4	2,744.52	6 1/4	6 1/4	2,496.94					
6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	4,871.15	6 1/2	6 1/2	4,538.96	6 1/2	6 1/2	4,192.54	6 1/2	6 1/2	3,833.18	6 1/2	6 1/2	3,467.76	6 1/2	6 1/2	3,102.33	6 1/2	6 1/2	2,736.91	6 1/2	6 1/2	2,494.65					
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	4,864.41	6 3/4	6 3/4	4,531.89	6 3/4	6 3/4	4,185.18	6 3/4	6 3/4	3,825.57	6 3/4	6 3/4	3,460.14	6 3/4	6 3/4	3,094.72	6 3/4	6 3/4	2,729.30	6 3/4	6 3/4	2,492.39					
7	7	7	7	7	7	7	7	7	4,857.66	7	7	4,524.82	7	7	4,177.81	7	7	3,817.96	7	7	3,452.53	7	7	3,087.11	7	7	2,721.68	7	7	2,489.97					
7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	4,850.92	7 1/4	7 1/4	4,517.75	7 1/4	7 1/4	4,170.44	7 1/4	7 1/4	3,810.34	7 1/4	7 1/4	3,444.92	7 1/4	7 1/4	3,079.49	7 1/4	7 1/4	2,714.07	7 1/4	7 1/4	2,487.67					
7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	4,844.14	7 1/2	7 1/2	4,510.67	7 1/2	7 1/2	4,163.08	7 1/2	7 1/2	3,802.73	7 1/2	7 1/2	3,437.31	7 1/2	7 1/2	3,071.88	7 1/2	7 1/2	2,706.46	7 1/2	7 1/2	2,485.25					
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	4,837.35	7 3/4	7 3/4	4,503.57	7 3/4	7 3/4	4,155.71	7 3/4	7 3/4	3,795.12	7 3/4	7 3/4	3,429.69	7 3/4	7 3/4	3,064.27	7 3/4	7 3/4	2,698.84	7 3/4	7 3/4	2,482.83					
8	8	8	8	8	8	8	8	8	4,830.53	8	8	4,496.46	8	8	4,148.32	8	8	3,787.50	8	8	3,422.08	8	8	3,056											



BARGE "KIRBY 28011"

2 STBD ULLAGE TABLE

CAPACITIES IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 2953L"

GAUGE HEIGHT 17'-00 1/4"

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	2,569.42	0	2,204.00	0	1,838.63	0	1,473.22	0	1,107.81	0	742.43	0	377.05	0	32.42	0			
1/4	2,561.81	1/4	2,196.39	1/4	1,831.01	1/4	1,465.60	1/4	1,100.20	1/4	734.82	1/4	369.44	1/4	28.32	1/4	1/4		
1/2	2,554.20	1/2	2,188.77	1/2	1,823.40	1/2	1,457.99	1/2	1,092.59	1/2	727.21	1/2	361.83	1/2		1/2	1/2		
3/4	2,546.58	3/4	2,181.16	3/4	1,815.79	3/4	1,450.38	3/4	1,084.98	3/4	719.60	3/4	354.22	3/4		3/4	3/4		
1	2,538.97	1	2,173.55	1	1,808.18	1	1,442.77	1	1,077.36	1	711.98	1	346.60	1		1	1		
1/4	2,531.36	1/4	2,165.93	1/4	1,800.56	1/4	1,435.15	1/4	1,069.75	1/4	704.37	1/4	338.99	1/4		1/4	1/4		
1/2	2,523.75	1/2	2,158.32	1/2	1,792.95	1/2	1,427.54	1/2	1,062.14	1/2	696.76	1/2	331.38	1/2		1/2	1/2		
3/4	2,516.13	3/4	2,150.71	3/4	1,785.34	3/4	1,419.93	3/4	1,054.53	3/4	689.15	3/4	323.77	3/4		3/4	3/4		
2	2,508.52	2	2,143.10	2	1,777.73	2	1,412.32	2	1,046.92	2	681.54	2	316.15	2		2	2		
1/4	2,500.91	1/4	2,135.48	1/4	1,770.11	1/4	1,404.70	1/4	1,039.30	1/4	673.92	1/4	308.54	1/4		1/4	1/4		
1/2	2,493.29	1/2	2,127.87	1/2	1,762.50	1/2	1,397.09	1/2	1,031.69	1/2	666.31	1/2	300.93	1/2		1/2	1/2		
3/4	2,485.68	3/4	2,120.26	3/4	1,754.89	3/4	1,389.48	3/4	1,024.08	3/4	658.70	3/4	293.32	3/4		3/4	3/4		
3	2,478.07	3	2,112.65	3	1,747.27	3	1,381.87	3	1,016.47	3	651.09	3	285.71	3		3	3		
1/4	2,470.45	1/4	2,105.03	1/4	1,739.66	1/4	1,374.25	1/4	1,008.86	1/4	643.48	1/4	278.11	1/4		1/4	1/4		
1/2	2,462.84	1/2	2,097.42	1/2	1,732.05	1/2	1,366.64	1/2	1,001.24	1/2	635.86	1/2	270.53	1/2		1/2	1/2		
3/4	2,455.23	3/4	2,089.81	3/4	1,724.44	3/4	1,359.03	3/4	993.63	3/4	628.25	3/4	262.96	3/4		3/4	3/4		
4	2,447.62	4	2,082.20	4	1,716.82	4	1,351.41	4	986.02	4	620.64	4	255.38	4		4	4		
1/4	2,440.00	1/4	2,074.59	1/4	1,709.21	1/4	1,343.80	1/4	978.41	1/4	613.03	1/4	247.80	1/4		1/4	1/4		
1/2	2,432.39	1/2	2,066.98	1/2	1,701.60	1/2	1,336.19	1/2	970.80	1/2	605.41	1/2	240.22	1/2		1/2	1/2		
3/4	2,424.78	3/4	2,059.36	3/4	1,693.99	3/4	1,328.58	3/4	963.18	3/4	597.80	3/4	232.65	3/4		3/4	3/4		
5	2,417.16	5	2,051.75	5	1,686.37	5	1,320.96	5	955.57	5	590.19	5	225.07	5		5	5		
1/4	2,409.55	1/4	2,044.14	1/4	1,678.76	1/4	1,313.35	1/4	947.96	1/4	582.58	1/4	217.49	1/4		1/4	1/4		
1/2	2,401.94	1/2	2,036.53	1/2	1,671.15	1/2	1,305.74	1/2	940.35	1/2	574.97	1/2	209.91	1/2		1/2	1/2		
3/4	2,394.32	3/4	2,028.92	3/4	1,663.54	3/4	1,298.13	3/4	932.74	3/4	567.35	3/4	202.34	3/4		3/4	3/4		
6	2,386.71	6	2,021.31	6	1,655.92	6	1,290.51	6	925.12	6	559.74	6	194.76	6		6	6		
1/4	2,379.10	1/4	2,013.70	1/4	1,648.31	1/4	1,282.90	1/4	917.51	1/4	552.13	1/4	187.18	1/4		1/4	1/4		
1/2	2,371.49	1/2	2,006.09	1/2	1,640.70	1/2	1,275.29	1/2	909.90	1/2	544.52	1/2	179.60	1/2		1/2	1/2		
3/4	2,363.87	3/4	1,998.47	3/4	1,633.08	3/4	1,267.67	3/4	902.29	3/4	536.91	3/4	172.03	3/4		3/4	3/4		
7	2,356.26	7	1,990.86	7	1,625.47	7	1,260.06	7	894.67	7	529.29	7	164.45	7		7	7		
1/4	2,348.65	1/4	1,983.25	1/4	1,617.86	1/4	1,252.45	1/4	887.06	1/4	521.68	1/4	156.87	1/4		1/4	1/4		
1/2	2,341.03	1/2	1,975.64	1/2	1,610.25	1/2	1,244.84	1/2	879.45	1/2	514.07	1/2	149.29	1/2		1/2	1/2		
3/4	2,333.42	3/4	1,968.03	3/4	1,602.63	3/4	1,237.22	3/4	871.84	3/4	506.46	3/4	141.71	3/4		3/4	3/4		
8	2,325.81	8	1,960.42	8	1,595.02	8	1,229.61	8	864.23	8	498.85	8	134.14	8		8	8		
1/4	2,318.19	1/4	1,952.81	1/4	1,587.41	1/4	1,222.00	1/4	856.61	1/4	491.23	1/4	126.56	1/4		1/4	1/4		
1/2	2,310.58	1/2	1,945.19	1/2	1,579.80	1/2	1,214.39	1/2	849.00	1/2	483.62	1/2	118.98	1/2		1/2	1/2		
3/4	2,302.97	3/4	1,937.58	3/4	1,572.18	3/4	1,206.77	3/4	841.39	3/4	476.01	3/4	111.40	3/4		3/4	3/4		
9	2,295.36	9	1,929.97	9	1,564.57	9	1,199.16	9	833.78	9	468.40	9	103.83	9		9	9		
1/4	2,287.74	1/4	1,922.36	1/4	1,556.96	1/4	1,191.55	1/4	826.17	1/4	460.78	1/4	96.38	1/4		1/4	1/4		
1/2	2,280.13	1/2	1,914.75	1/2	1,549.34	1/2	1,183.93	1/2	818.55	1/2	453.17	1/2	89.06	1/2		1/2	1/2		
3/4	2,272.52	3/4	1,907.14	3/4	1,541.73	3/4	1,176.32	3/4	810.94	3/4	445.56	3/4	82.18	3/4		3/4	3/4		
10	2,264.90	10	1,899.53	10	1,534.12	10	1,168.71	10	803.33	10	437.95	10	75.74	10		10	10		
1/4	2,257.29	1/4	1,891.91	1/4	1,526.51	1/4	1,161.10	1/4	795.72	1/4	430.34	1/4	69.30	1/4		1/4	1/4		
1/2	2,249.68	1/2	1,884.30	1/2	1,518.89	1/2	1,153.48	1/2	788.11	1/2	422.72	1/2	62.86	1/2		1/2	1/2		
3/4	2,242.06	3/4	1,876.69	3/4	1,511.28	3/4	1,145.87	3/4	780.49	3/4	415.11	3/4	57.00	3/4		3/4	3/4		
11	2,234.45	11	1,869.08	11	1,503.67	11	1,138.26	11	772.88	11	407.50	11	51.73	11		11	11		
1/4	2,226.84	1/4	1,861.47	1/4	1,496.06	1/4	1,130.65	1/4	765.27	1/4	399.89	1/4	46.47	1/4		1/4	1/4		
1/2	2,219.23	1/2	1,853.85	1/2	1,488.44	1/2	1,123.04	1/2	757.66	1/2	392.28	1/2	41.20	1/2		1/2	1/2		
3/4	2,211.61	3/4	1,846.24	3/4	1,480.83	3/4	1,115.42	3/4	750.04	3/4	384.66	3/4	36.51	3/4		3/4	3/4		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01231/996 SI
DECK MEASUREMENTS: 03/14/2006 SW
REPRINTED: 03/14/2006 CL

CANCELS AND SUPERCANCELS
ALL PRIOR TO 03/2006

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

Paul Johnson

3 PORT

ULLAGE TABLE

GAUGE HEIGHT 17'-00 3/8"

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

FORMERLY "DXE 2953L"

[illegible]

3/4	3/4	3/4
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BADGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

**PRECISION MEASUREMENT
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BARGE "KIRBY 28011"

3 PORT
ULLAGE TABLE

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

FORMERLY "DXE 2953L"

GAUGE HEIGHT 17'-00 3/8"

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	2,534.90	0	2,174.68	0	1,814.65	0	1,455.02	0	1,095.29	0	735.52	0	375.53	0	34.05	0	0	0	0
1/4	2,527.40	1/4	2,167.18	1/4	1,807.16	1/4	1,447.53	1/4	1,087.79	1/4	728.03	1/4	368.02	1/4	29.93	1/4	1/4	1/4	1/4
1/2	2,519.89	1/2	2,159.67	1/2	1,799.67	1/2	1,440.03	1/2	1,080.30	1/2	720.53	1/2	360.51	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,512.39	3/4	2,152.17	3/4	1,792.18	3/4	1,432.54	3/4	1,072.80	3/4	713.04	3/4	353.01	3/4	27.92	3/4	3/4	3/4	3/4
1	2,504.88	1	2,144.67	1	1,784.69	1	1,425.05	1	1,065.31	1	705.54	1	345.50	1	27.92	1	1	1	1
1/4	2,497.38	1/4	2,137.17	1/4	1,777.20	1/4	1,417.55	1/4	1,057.81	1/4	698.05	1/4	337.99	1/4	27.92	1/4	1/4	1/4	1/4
1/2	2,489.87	1/2	2,129.66	1/2	1,769.71	1/2	1,410.06	1/2	1,050.32	1/2	690.55	1/2	330.49	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,482.37	3/4	2,122.16	3/4	1,762.21	3/4	1,402.57	3/4	1,042.82	3/4	683.06	3/4	322.98	3/4	27.92	3/4	3/4	3/4	3/4
2	2,474.86	2	2,114.66	2	1,754.72	2	1,395.07	2	1,035.33	2	675.56	2	315.48	2	27.92	2	2	2	2
1/4	2,467.35	1/4	2,107.16	1/4	1,747.23	1/4	1,387.58	1/4	1,027.83	1/4	668.07	1/4	307.97	1/4	27.92	1/4	1/4	1/4	1/4
1/2	2,459.85	1/2	2,099.65	1/2	1,739.74	1/2	1,380.09	1/2	1,020.34	1/2	660.58	1/2	300.46	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,452.34	3/4	2,092.15	3/4	1,732.25	3/4	1,372.60	3/4	1,012.84	3/4	653.09	3/4	292.96	3/4	27.92	3/4	3/4	3/4	3/4
3	2,444.84	3	2,084.65	3	1,724.76	3	1,365.10	3	1,005.35	3	645.60	3	285.45	3	27.92	3	3	3	3
1/4	2,437.33	1/4	2,077.14	1/4	1,717.27	1/4	1,357.61	1/4	997.85	1/4	638.10	1/4	277.96	1/4	27.92	1/4	1/4	1/4	1/4
1/2	2,429.83	1/2	2,069.64	1/2	1,709.77	1/2	1,350.12	1/2	990.36	1/2	630.61	1/2	270.47	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,422.32	3/4	2,062.14	3/4	1,702.28	3/4	1,342.62	3/4	982.86	3/4	623.12	3/4	263.00	3/4	27.92	3/4	3/4	3/4	3/4
4	2,414.82	4	2,054.64	4	1,694.79	4	1,335.13	4	975.36	4	615.62	4	255.53	4	27.92	4	4	4	4
1/4	2,407.31	1/4	2,047.13	1/4	1,687.30	1/4	1,327.64	1/4	967.87	1/4	608.12	1/4	248.06	1/4	27.92	1/4	1/4	1/4	1/4
1/2	2,399.81	1/2	2,039.63	1/2	1,679.81	1/2	1,320.14	1/2	960.37	1/2	600.62	1/2	240.58	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,392.30	3/4	2,032.13	3/4	1,672.32	3/4	1,312.65	3/4	952.88	3/4	593.11	3/4	233.11	3/4	27.92	3/4	3/4	3/4	3/4
5	2,384.80	5	2,024.62	5	1,664.83	5	1,305.16	5	945.38	5	585.61	5	225.64	5	27.92	5	5	5	5
1/4	2,377.29	1/4	2,017.12	1/4	1,657.33	1/4	1,297.66	1/4	937.89	1/4	578.11	1/4	218.17	1/4	27.92	1/4	1/4	1/4	1/4
1/2	2,369.79	1/2	2,009.62	1/2	1,649.84	1/2	1,290.17	1/2	930.39	1/2	570.61	1/2	210.69	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,362.28	3/4	2,002.12	3/4	1,642.35	3/4	1,282.68	3/4	922.90	3/4	563.11	3/4	203.22	3/4	27.92	3/4	3/4	3/4	3/4
6	2,354.78	6	1,994.61	6	1,634.86	6	1,275.18	6	915.40	6	555.61	6	195.75	6	27.92	6	6	6	6
1/4	2,347.27	1/4	1,987.11	1/4	1,627.37	1/4	1,267.69	1/4	907.91	1/4	548.11	1/4	188.28	1/4	27.92	1/4	1/4	1/4	1/4
1/2	2,339.76	1/2	1,979.61	1/2	1,619.88	1/2	1,260.19	1/2	900.41	1/2	540.61	1/2	180.81	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,332.26	3/4	1,972.10	3/4	1,612.38	3/4	1,252.69	3/4	892.92	3/4	533.11	3/4	173.34	3/4	27.92	3/4	3/4	3/4	3/4
7	2,324.75	7	1,964.60	7	1,604.89	7	1,245.20	7	885.42	7	525.60	7	165.87	7	27.92	7	7	7	7
1/4	2,317.25	1/4	1,957.10	1/4	1,597.40	1/4	1,237.70	1/4	877.93	1/4	518.10	1/4	158.39	1/4	27.92	1/4	1/4	1/4	1/4
1/2	2,309.74	1/2	1,949.60	1/2	1,589.90	1/2	1,230.21	1/2	870.43	1/2	510.60	1/2	150.92	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,302.24	3/4	1,942.09	3/4	1,582.41	3/4	1,222.71	3/4	862.94	3/4	503.10	3/4	143.45	3/4	27.92	3/4	3/4	3/4	3/4
8	2,294.73	8	1,934.59	8	1,574.92	8	1,215.22	8	855.44	8	495.60	8	135.98	8	27.92	8	8	8	8
1/4	2,287.23	1/4	1,927.09	1/4	1,567.42	1/4	1,207.72	1/4	847.95	1/4	488.10	1/4	128.51	1/4	27.92	1/4	1/4	1/4	1/4
1/2	2,279.72	1/2	1,919.59	1/2	1,559.93	1/2	1,200.22	1/2	840.45	1/2	480.60	1/2	121.04	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,272.22	3/4	1,912.08	3/4	1,552.44	3/4	1,192.73	3/4	832.96	3/4	473.10	3/4	113.57	3/4	27.92	3/4	3/4	3/4	3/4
9	2,264.71	9	1,904.58	9	1,544.94	9	1,185.23	9	825.46	9	465.59	9	106.12	9	27.92	9	9	9	9
1/4	2,257.21	1/4	1,897.08	1/4	1,537.45	1/4	1,177.74	1/4	817.97	1/4	458.09	1/4	98.72	1/4	27.92	1/4	1/4	1/4	1/4
1/2	2,249.71	1/2	1,889.58	1/2	1,529.95	1/2	1,170.24	1/2	810.47	1/2	450.59	1/2	91.48	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,242.21	3/4	1,882.08	3/4	1,522.46	3/4	1,162.75	3/4	802.98	3/4	443.08	3/4	84.52	3/4	27.92	3/4	3/4	3/4	3/4
10	2,234.70	10	1,874.58	10	1,514.97	10	1,155.25	10	795.48	10	435.58	10	77.90	10	27.92	10	10	10	10
1/4	2,227.20	1/4	1,867.09	1/4	1,507.47	1/4	1,147.75	1/4	787.99	1/4	428.07	1/4	71.50	1/4	27.92	1/4	1/4	1/4	1/4
1/2	2,219.70	1/2	1,859.60	1/2	1,499.98	1/2	1,140.26	1/2	780.49	1/2	420.56	1/2	65.22	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,212.20	3/4	1,852.11	3/4	1,492.49	3/4	1,132.76	3/4	773.00	3/4	413.06	3/4	59.23	3/4	27.92	3/4	3/4	3/4	3/4
11	2,204.69	11	1,844.62	11	1,484.99	11	1,125.27	11	765.50	11	405.55	11	53.67	11	27.92	11	11	11	11
1/4	2,197.19	1/4	1,837.13	1/4	1,477.50	1/4	1,117.77	1/4	758.01	1/4	398.04	1/4	48.40	1/4	27.92	1/4	1/4	1/4	1/4
1/2	2,189.69	1/2	1,829.64	1/2	1,470.01	1/2	1,110.28	1/2	750.51	1/2	390.54	1/2	43.28	1/2	27.92	1/2	1/2	1/2	1/2
3/4	2,182.18	3/4	1,822.14	3/4	1,462.51	3/4	1,102.78	3/4	743.02	3/4	383.03	3/4	38.45	3/4	27.92	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/1996 SJ
DECK MEASUREMENTS: 03/14/2006 SW
REPRINTED: 03/14/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2006

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

3 STBD

ULLAGE TABLE

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

FORMERLY "DXE 2953L"

GAUGE HEIGHT 17'-00 1/4"

[illegible]

BEARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE

GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (MANUAL) LOCATED 11'-00" OFF CENTERLINE AND 39'-00" FORWARD OF AFT BULKHEAD

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092

Pearland, Texas 77581

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[Signature]



BARGE "KIRBY 28011"

3 STBD ULLAGE TABLE

GAUGE HEIGHT 17'-00 1/4"

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

FORMERLY "DXE 2953L"

	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
0	2,530.53	0	1,810.85	0	1,090.97	0	731.06	0	371.22	0
1/4	2,523.03	1/4	1,803.35	1/4	1,083.47	1/4	723.56	1/4	363.72	1/4
1/2	2,515.54	1/2	1,795.85	1/2	1,075.97	1/2	716.07	1/2	356.23	1/2
3/4	2,508.04	3/4	1,788.35	3/4	1,068.48	3/4	708.57	3/4	348.73	3/4
1	2,500.54	1	1,780.86	1	1,060.98	1	701.07	1	341.24	1
1/4	2,493.05	1/4	1,773.36	1/4	1,053.48	1/4	693.57	1/4	333.74	1/4
1/2	2,485.55	1/2	1,765.86	1/2	1,045.98	1/2	686.07	1/2	326.25	1/2
3/4	2,478.06	3/4	1,758.36	3/4	1,038.48	3/4	678.57	3/4	318.75	3/4
2	2,470.56	2	1,750.86	2	1,030.99	2	671.08	2	311.25	2
1/4	2,463.06	1/4	1,743.36	1/4	1,023.49	1/4	663.58	1/4	303.76	1/4
1/2	2,455.57	1/2	1,735.86	1/2	1,015.99	1/2	656.08	1/2	296.26	1/2
3/4	2,448.07	3/4	1,728.36	3/4	1,008.49	3/4	648.58	3/4	288.77	3/4
3	2,440.58	3	1,720.87	3	1,000.99	3	641.08	3	281.27	3
1/4	2,433.08	1/4	1,713.37	1/4	993.50	1/4	633.59	1/4	273.79	1/4
1/2	2,425.58	1/2	1,705.87	1/2	986.00	1/2	626.09	1/2	266.33	1/2
3/4	2,418.09	3/4	1,698.37	3/4	978.50	3/4	618.59	3/4	258.87	3/4
4	2,410.59	4	1,690.87	4	971.00	4	611.09	4	251.41	4
1/4	2,403.10	1/4	1,683.37	1/4	963.50	1/4	603.59	1/4	243.95	1/4
1/2	2,395.60	1/2	1,675.87	1/2	956.00	1/2	596.10	1/2	236.48	1/2
3/4	2,388.10	3/4	1,668.37	3/4	948.51	3/4	588.60	3/4	229.02	3/4
5	2,380.61	5	1,660.88	5	941.01	5	581.10	5	221.56	5
1/4	2,373.11	1/4	1,653.38	1/4	933.51	1/4	573.61	1/4	214.10	1/4
1/2	2,365.62	1/2	1,645.88	1/2	926.01	1/2	566.11	1/2	206.64	1/2
3/4	2,358.12	3/4	1,638.38	3/4	918.51	3/4	558.62	3/4	199.18	3/4
6	2,350.62	6	1,630.88	6	911.02	6	551.12	6	191.71	6
1/4	2,343.13	1/4	1,623.38	1/4	903.52	1/4	543.62	1/4	184.25	1/4
1/2	2,335.63	1/2	1,615.88	1/2	896.02	1/2	536.13	1/2	176.79	1/2
3/4	2,328.14	3/4	1,608.38	3/4	888.52	3/4	528.63	3/4	169.33	3/4
7	2,320.64	7	1,600.88	7	881.02	7	521.14	7	161.87	7
1/4	2,313.14	1/4	1,593.39	1/4	873.53	1/4	513.64	1/4	154.41	1/4
1/2	2,305.65	1/2	1,585.89	1/2	866.03	1/2	506.15	1/2	146.95	1/2
3/4	2,298.15	3/4	1,578.39	3/4	858.53	3/4	498.65	3/4	139.49	3/4
8	2,290.66	8	1,570.89	8	851.03	8	491.15	8	132.03	8
1/4	2,283.16	1/4	1,563.39	1/4	843.53	1/4	483.66	1/4	124.57	1/4
1/2	2,275.66	1/2	1,555.89	1/2	836.04	1/2	476.16	1/2	117.11	1/2
3/4	2,268.17	3/4	1,548.39	3/4	828.54	3/4	468.67	3/4	109.65	3/4
9	2,260.67	9	1,540.89	9	821.04	9	461.17	9	102.19	9
1/4	2,253.18	1/4	1,533.40	1/4	813.54	1/4	453.67	1/4	94.86	1/4
1/2	2,245.68	1/2	1,525.90	1/2	806.04	1/2	446.18	1/2	87.65	1/2
3/4	2,238.18	3/4	1,518.40	3/4	798.54	3/4	438.68	3/4	80.88	3/4
10	2,230.69	10	1,510.90	10	791.05	10	431.19	10	74.54	10
1/4	2,223.19	1/4	1,503.40	1/4	783.55	1/4	423.69	1/4	68.20	1/4
1/2	2,215.70	1/2	1,495.90	1/2	776.05	1/2	416.20	1/2	61.86	1/2
3/4	2,208.20	3/4	1,488.40	3/4	768.55	3/4	408.70	3/4	56.09	3/4
11	2,200.70	11	1,480.90	11	761.05	11	401.20	11	50.91	11
1/4	2,193.21	1/4	1,473.41	1/4	753.56	1/4	393.71	1/4	45.72	1/4
1/2	2,185.71	1/2	1,465.91	1/2	746.06	1/2	386.21	1/2	40.54	1/2
3/4	2,178.22	3/4	1,458.41	3/4	738.56	3/4	378.72	3/4	35.93	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/23/1996 SI
DECK MEASUREMENTS: 03/14/2006 SW
REPRINTED: 03/14/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2006

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Paul J. Gamm