



BARGE "KIRBY 11514"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	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: 162'-09"

May 25, 2005

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

<http://www.pmacorp.net>

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



BARGE "KIRBY 11514"

1 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-10"

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	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	
1/2		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	
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	
1/2		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	
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	
1/2		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	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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	

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 1'-00" OFF CENTERLINE AND 28'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 11514"

1 CENTER ULLAGE TABLE

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

GUAGE HEIGHT 17'-10"

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	2,104.20	0	1,831.62	0	1,558.67	0	1,285.72	0	1,012.77	0	743.16	0	471.93	0	198.48	0		0	
1/4	2,098.54	1/4	1,825.93	1/4	1,552.98	1/4	1,280.04	1/4	1,007.09	1/4	737.61	1/4	466.24	1/4	192.78	1/4		1/4	
1/2	2,092.88	1/2	1,820.24	1/2	1,547.30	1/2	1,274.35	1/2	1,001.40	1/2	732.05	1/2	460.55	1/2	187.08	1/2		1/2	
3/4	2,087.22	3/4	1,814.56	3/4	1,541.61	3/4	1,268.66	3/4	995.72	3/4	726.49	3/4	454.86	3/4	181.38	3/4		3/4	
1	2,081.55	1	1,808.87	1	1,535.92	1	1,262.98	1	990.03	1	720.93	1	449.17	1	175.68	1		1	
1/4	2,075.89	1/4	1,803.18	1/4	1,530.24	1/4	1,257.29	1/4	984.34	1/4	715.38	1/4	443.49	1/4	169.98	1/4		1/4	
1/2	2,070.23	1/2	1,797.50	1/2	1,524.55	1/2	1,251.60	1/2	978.66	1/2	709.82	1/2	437.80	1/2	164.28	1/2		1/2	
3/4	2,064.57	3/4	1,791.81	3/4	1,518.86	3/4	1,245.92	3/4	972.97	3/4	704.26	3/4	432.11	3/4	158.58	3/4		3/4	
2	2,058.91	2	1,786.13	2	1,513.18	2	1,240.23	2	967.28	2	698.70	2	426.42	2	152.87	2		2	
1/4	2,053.25	1/4	1,780.44	1/4	1,507.49	1/4	1,234.54	1/4	961.60	1/4	693.14	1/4	420.73	1/4	147.17	1/4		1/4	
1/2	2,047.59	1/2	1,774.75	1/2	1,501.81	1/2	1,228.86	1/2	955.91	1/2	687.59	1/2	415.04	1/2	141.47	1/2		1/2	
3/4	2,041.93	3/4	1,769.07	3/4	1,496.12	3/4	1,223.17	3/4	950.22	3/4	682.03	3/4	409.35	3/4	135.77	3/4		3/4	
3	2,036.27	3	1,763.38	3	1,490.43	3	1,217.49	3	944.54	3	676.47	3	403.66	3	130.07	3		3	
1/4	2,030.59	1/4	1,757.69	1/4	1,484.75	1/4	1,211.80	1/4	938.85	1/4	670.85	1/4	397.97	1/4	124.37	1/4		1/4	
1/2	2,024.92	1/2	1,752.01	1/2	1,479.06	1/2	1,206.11	1/2	933.17	1/2	665.22	1/2	392.28	1/2	118.67	1/2		1/2	
3/4	2,019.25	3/4	1,746.32	3/4	1,473.37	3/4	1,200.43	3/4	927.48	3/4	659.60	3/4	386.59	3/4	112.97	3/4		3/4	
4	2,013.58	4	1,740.63	4	1,467.69	4	1,194.74	4	921.79	4	653.98	4	380.90	4	107.27	4		4	
1/4	2,007.89	1/4	1,734.95	1/4	1,462.00	1/4	1,189.05	1/4	916.11	1/4	648.29	1/4	375.20	1/4	101.57	1/4		1/4	
1/2	2,002.21	1/2	1,729.26	1/2	1,456.31	1/2	1,183.37	1/2	910.42	1/2	642.60	1/2	369.50	1/2	95.87	1/2		1/2	
3/4	1,996.52	3/4	1,723.57	3/4	1,450.63	3/4	1,177.68	3/4	904.73	3/4	636.91	3/4	363.80	3/4	90.16	3/4		3/4	
5	1,990.84	5	1,717.89	5	1,444.94	5	1,171.99	5	899.05	5	631.22	5	358.11	5	84.46	5		5	
1/4	1,985.15	1/4	1,712.20	1/4	1,439.25	1/4	1,166.31	1/4	893.42	1/4	625.54	1/4	352.41	1/4	78.76	1/4		1/4	
1/2	1,979.46	1/2	1,706.52	1/2	1,433.57	1/2	1,160.62	1/2	887.80	1/2	619.85	1/2	346.71	1/2	73.06	1/2		1/2	
3/4	1,973.78	3/4	1,700.83	3/4	1,427.88	3/4	1,154.93	3/4	882.18	3/4	614.16	3/4	341.00	3/4	67.36	3/4		3/4	
6	1,968.09	6	1,695.14	6	1,422.20	6	1,149.25	6	876.56	6	608.47	6	335.30	6	61.66	6		6	
1/4	1,962.40	1/4	1,689.46	1/4	1,416.51	1/4	1,143.56	1/4	871.00	1/4	602.78	1/4	329.60	1/4	55.96	1/4		1/4	
1/2	1,956.72	1/2	1,683.77	1/2	1,410.82	1/2	1,137.88	1/2	865.44	1/2	597.09	1/2	323.90	1/2	50.26	1/2		1/2	
3/4	1,951.03	3/4	1,678.08	3/4	1,405.14	3/4	1,132.19	3/4	859.88	3/4	591.41	3/4	318.20	3/4	44.56	3/4		3/4	
7	1,945.34	7	1,672.40	7	1,399.45	7	1,126.50	7	854.32	7	585.72	7	312.50	7	38.86	7		7	
1/4	1,939.66	1/4	1,666.71	1/4	1,393.76	1/4	1,120.82	1/4	848.76	1/4	580.03	1/4	306.80	1/4	33.73	1/4		1/4	
1/2	1,933.97	1/2	1,661.02	1/2	1,388.08	1/2	1,115.13	1/2	843.20	1/2	574.34	1/2	301.10	1/2	28.61	1/2		1/2	
3/4	1,928.29	3/4	1,655.34	3/4	1,382.39	3/4	1,109.44	3/4	837.65	3/4	568.65	3/4	295.40	3/4	23.49	3/4		3/4	
8	1,922.60	8	1,649.65	8	1,376.70	8	1,103.76	8	832.09	8	562.96	8	289.70	8	18.36	8		8	
1/4	1,916.91	1/4	1,643.97	1/4	1,371.02	1/4	1,098.07	1/4	826.53	1/4	557.27	1/4	284.00	1/4	14.97	1/4		1/4	
1/2	1,911.23	1/2	1,638.28	1/2	1,365.33	1/2	1,092.38	1/2	820.97	1/2	551.58	1/2	278.29	1/2	11.58	1/2		1/2	
3/4	1,905.54	3/4	1,632.59	3/4	1,359.65	3/4	1,086.70	3/4	815.41	3/4	545.89	3/4	272.59	3/4	8.19	3/4		3/4	
9	1,899.85	9	1,626.91	9	1,353.96	9	1,081.01	9	809.86	9	540.20	9	266.89	9	4.80	9		9	
1/4	1,894.17	1/4	1,621.22	1/4	1,348.27	1/4	1,075.33	1/4	804.30	1/4	534.51	1/4	261.19	1/4	3.72	1/4		1/4	
1/2	1,888.48	1/2	1,615.53	1/2	1,342.59	1/2	1,069.64	1/2	798.74	1/2	528.82	1/2	255.49	1/2	2.64	1/2		1/2	
3/4	1,882.79	3/4	1,609.85	3/4	1,336.90	3/4	1,063.95	3/4	793.18	3/4	523.14	3/4	249.79	3/4	1.56	3/4		3/4	
10	1,877.11	10	1,604.16	10	1,331.21	10	1,058.27	10	787.63	10	517.45	10	244.09	10	0.48	10		10	
1/4	1,871.42	1/4	1,598.47	1/4	1,325.53	1/4	1,052.58	1/4	782.07	1/4	511.76	1/4	238.39	1/4		1/4		1/4	
1/2	1,865.73	1/2	1,592.79	1/2	1,319.84	1/2	1,046.89	1/2	776.51	1/2	506.07	1/2	232.69	1/2		1/2		1/2	
3/4	1,860.05	3/4	1,587.10	3/4	1,314.15	3/4	1,041.21	3/4	770.95	3/4	500.38	3/4	226.99	3/4		3/4		3/4	
11	1,854.36	11	1,581.41	11	1,308.47	11	1,035.52	11	765.39	11	494.69	11	221.29	11		11		11	
1/4	1,848.68	1/4	1,575.73	1/4	1,302.78	1/4	1,029.83	1/4	759.84	1/4	489.00	1/4	215.58	1/4		1/4		1/4	
1/2	1,842.99	1/2	1,570.04	1/2	1,297.09	1/2	1,024.15	1/2	754.28	1/2	483.31	1/2	209.88	1/2		1/2		1/2	
3/4	1,837.30	3/4	1,564.36	3/4	1,291.41	3/4	1,018.46	3/4	748.72	3/4	477.62	3/4	204.18	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/24/2005 CL - SW
CALCULATED: 05/25/2005 CL
PRINTED: 05/25/2005 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2005

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 11514"

2 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-10 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	1,929.95	0	1,680.88	0	1,431.81	0	1,182.74	0	933.67	0	688.39	0	441.64	0	192.59	0		0	
1/4	1,924.76	1/4	1,675.69	1/4	1,426.62	1/4	1,177.55	1/4	928.48	1/4	683.36	1/4	436.45	1/4	187.40	1/4		1/4	
1/2	1,919.58	1/2	1,670.50	1/2	1,421.43	1/2	1,172.36	1/2	923.29	1/2	678.32	1/2	431.26	1/2	182.22	1/2		1/2	
3/4	1,914.39	3/4	1,665.31	3/4	1,416.24	3/4	1,167.17	3/4	918.10	3/4	673.28	3/4	426.08	3/4	177.03	3/4		3/4	
1	1,909.20	1	1,660.13	1	1,411.05	1	1,161.98	1	912.91	1	668.25	1	420.89	1	171.84	1		1	
1/4	1,904.01	1/4	1,654.94	1/4	1,405.86	1/4	1,156.79	1/4	907.72	1/4	663.21	1/4	415.70	1/4	166.65	1/4		1/4	
1/2	1,898.82	1/2	1,649.75	1/2	1,400.68	1/2	1,151.60	1/2	902.53	1/2	658.17	1/2	410.51	1/2	161.46	1/2		1/2	
3/4	1,893.63	3/4	1,644.56	3/4	1,395.49	3/4	1,146.41	3/4	897.34	3/4	653.14	3/4	405.32	3/4	156.27	3/4		3/4	
2	1,888.44	2	1,639.37	2	1,390.30	2	1,141.23	2	892.15	2	648.10	2	400.13	2	151.08	2		2	
1/4	1,883.25	1/4	1,634.18	1/4	1,385.11	1/4	1,136.04	1/4	886.96	1/4	643.07	1/4	394.94	1/4	145.90	1/4		1/4	
1/2	1,878.06	1/2	1,628.99	1/2	1,379.92	1/2	1,130.85	1/2	881.78	1/2	638.03	1/2	389.76	1/2	140.71	1/2		1/2	
3/4	1,872.87	3/4	1,623.80	3/4	1,374.73	3/4	1,125.66	3/4	876.59	3/4	632.99	3/4	384.57	3/4	135.52	3/4		3/4	
3	1,867.69	3	1,618.61	3	1,369.54	3	1,120.47	3	871.40	3	627.96	3	379.38	3	130.33	3		3	
1/4	1,862.50	1/4	1,613.42	1/4	1,364.35	1/4	1,115.28	1/4	866.21	1/4	622.92	1/4	374.19	1/4	125.14	1/4		1/4	
1/2	1,857.31	1/2	1,608.24	1/2	1,359.16	1/2	1,110.09	1/2	861.02	1/2	617.81	1/2	369.00	1/2	119.95	1/2		1/2	
3/4	1,852.12	3/4	1,603.05	3/4	1,353.97	3/4	1,104.90	3/4	855.83	3/4	612.70	3/4	363.81	3/4	114.77	3/4		3/4	
4	1,846.93	4	1,597.86	4	1,348.79	4	1,099.71	4	850.64	4	607.58	4	358.62	4	109.58	4		4	
1/4	1,841.74	1/4	1,592.67	1/4	1,343.60	1/4	1,094.52	1/4	845.45	1/4	602.47	1/4	353.44	1/4	104.39	1/4		1/4	
1/2	1,836.55	1/2	1,587.48	1/2	1,338.41	1/2	1,089.34	1/2	840.26	1/2	597.28	1/2	348.25	1/2	99.20	1/2		1/2	
3/4	1,831.36	3/4	1,582.29	3/4	1,333.22	3/4	1,084.15	3/4	835.07	3/4	592.10	3/4	343.06	3/4	94.01	3/4		3/4	
5	1,826.17	5	1,577.10	5	1,328.03	5	1,078.96	5	829.89	5	586.91	5	337.87	5	88.82	5		5	
1/4	1,820.98	1/4	1,571.91	1/4	1,322.84	1/4	1,073.77	1/4	824.70	1/4	581.72	1/4	332.68	1/4	83.63	1/4		1/4	
1/2	1,815.80	1/2	1,566.72	1/2	1,317.65	1/2	1,068.58	1/2	819.58	1/2	576.53	1/2	327.49	1/2	78.45	1/2		1/2	
3/4	1,810.61	3/4	1,561.53	3/4	1,312.46	3/4	1,063.39	3/4	814.47	3/4	571.35	3/4	322.31	3/4	73.26	3/4		3/4	
6	1,805.42	6	1,556.35	6	1,307.27	6	1,058.20	6	809.36	6	566.16	6	317.12	6	68.07	6		6	
1/4	1,800.23	1/4	1,551.16	1/4	1,302.08	1/4	1,053.01	1/4	804.24	1/4	560.97	1/4	311.93	1/4	62.88	1/4		1/4	
1/2	1,795.04	1/2	1,545.97	1/2	1,296.90	1/2	1,047.82	1/2	799.20	1/2	555.78	1/2	306.74	1/2	57.69	1/2		1/2	
3/4	1,789.85	3/4	1,540.78	3/4	1,291.71	3/4	1,042.63	3/4	794.17	3/4	550.60	3/4	301.55	3/4	52.50	3/4		3/4	
7	1,784.66	7	1,535.59	7	1,286.52	7	1,037.45	7	789.13	7	545.41	7	296.36	7	47.31	7		7	
1/4	1,779.47	1/4	1,530.40	1/4	1,281.33	1/4	1,032.26	1/4	784.09	1/4	540.22	1/4	291.17	1/4	42.13	1/4		1/4	
1/2	1,774.28	1/2	1,525.21	1/2	1,276.14	1/2	1,027.07	1/2	779.05	1/2	535.03	1/2	285.99	1/2	37.37	1/2		1/2	
3/4	1,769.09	3/4	1,520.02	3/4	1,270.95	3/4	1,021.88	3/4	774.02	3/4	529.85	3/4	280.80	3/4	32.61	3/4		3/4	
8	1,763.91	8	1,514.83	8	1,265.76	8	1,016.69	8	768.98	8	524.66	8	275.61	8	27.86	8		8	
1/4	1,758.72	1/4	1,509.64	1/4	1,260.57	1/4	1,011.50	1/4	763.94	1/4	519.47	1/4	270.42	1/4	23.10	1/4		1/4	
1/2	1,753.53	1/2	1,504.46	1/2	1,255.38	1/2	1,006.31	1/2	758.90	1/2	514.28	1/2	265.23	1/2	19.64	1/2		1/2	
3/4	1,748.34	3/4	1,499.27	3/4	1,250.19	3/4	1,001.12	3/4	753.87	3/4	509.09	3/4	260.04	3/4	16.18	3/4		3/4	
9	1,743.15	9	1,494.08	9	1,245.01	9	995.93	9	748.83	9	503.90	9	254.85	9	12.73	9		9	
1/4	1,737.96	1/4	1,488.89	1/4	1,239.82	1/4	990.74	1/4	743.80	1/4	498.71	1/4	249.67	1/4	9.27	1/4		1/4	
1/2	1,732.77	1/2	1,483.70	1/2	1,234.63	1/2	985.56	1/2	738.76	1/2	493.53	1/2	244.48	1/2	7.54	1/2		1/2	
3/4	1,727.58	3/4	1,478.51	3/4	1,229.44	3/4	980.37	3/4	733.72	3/4	488.34	3/4	239.29	3/4	5.81	3/4		3/4	
10	1,722.39	10	1,473.32	10	1,224.25	10	975.18	10	728.69	10	483.15	10	234.10	10	4.08	10		10	
1/4	1,717.20	1/4	1,468.13	1/4	1,219.06	1/4	969.99	1/4	723.65	1/4	477.96	1/4	228.91	1/4	<u>2.35</u>	1/4		1/4	
1/2	1,712.02	1/2	1,462.94	1/2	1,213.87	1/2	964.80	1/2	718.61	1/2	472.77	1/2	223.72	1/2		1/2		1/2	
3/4	1,706.83	3/4	1,457.75	3/4	1,208.68	3/4	959.61	3/4	713.58	3/4	467.58	3/4	218.54	3/4		3/4		3/4	
11	1,701.64	11	1,452.57	11	1,203.49	11	954.42	11	708.54	11	462.39	11	213.35	11		11		11	
1/4	1,696.45	1/4	1,447.38	1/4	1,198.30	1/4	949.23	1/4	703.50	1/4	457.21	1/4	208.16	1/4		1/4		1/4	
1/2	1,691.26	1/2	1,442.19	1/2	1,193.12	1/2	944.04	1/2	698.47	1/2	452.02	1/2	202.97	1/2		1/2		1/2	
3/4	1,686.07	3/4	1,437.00	3/4	1,187.93	3/4	938.85	3/4	693.43	3/4	446.83	3/4	197.78	3/4		3/4		3/4	

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BARGE "KIRBY 11514"

3 CENTER ULLAGE TABLE

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

GAUGE HEIGHT 17'-10 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	1,924.88	0	1,677.20	0	1,429.52	0	1,181.84	0	934.16	0	686.72	0	439.20	0	191.53	0		0	
1/4	1,919.72	1/4	1,672.04	1/4	1,424.36	1/4	1,176.68	1/4	929.00	1/4	681.57	1/4	434.04	1/4	186.37	1/4		1/4	
1/2	1,914.56	1/2	1,666.88	1/2	1,419.20	1/2	1,171.52	1/2	923.84	1/2	676.42	1/2	428.88	1/2	181.21	1/2		1/2	
3/4	1,909.40	3/4	1,661.72	3/4	1,414.04	3/4	1,166.36	3/4	918.68	3/4	671.27	3/4	423.72	3/4	176.05	3/4		3/4	
1	1,904.24	1	1,656.56	1	1,408.88	1	1,161.20	1	913.52	1	666.12	1	418.56	1	170.89	1		1	
1/4	1,899.08	1/4	1,651.40	1/4	1,403.72	1/4	1,156.04	1/4	908.36	1/4	660.97	1/4	413.40	1/4	165.73	1/4		1/4	
1/2	1,893.92	1/2	1,646.24	1/2	1,398.56	1/2	1,150.88	1/2	903.20	1/2	655.82	1/2	408.24	1/2	160.57	1/2		1/2	
3/4	1,888.76	3/4	1,641.08	3/4	1,393.40	3/4	1,145.72	3/4	898.04	3/4	650.67	3/4	403.08	3/4	155.41	3/4		3/4	
2	1,883.60	2	1,635.92	2	1,388.24	2	1,140.56	2	892.88	2	645.52	2	397.92	2	150.25	2		2	
1/4	1,878.44	1/4	1,630.76	1/4	1,383.08	1/4	1,135.40	1/4	887.72	1/4	640.37	1/4	392.76	1/4	145.09	1/4		1/4	
1/2	1,873.28	1/2	1,625.60	1/2	1,377.92	1/2	1,130.24	1/2	882.56	1/2	635.22	1/2	387.60	1/2	139.94	1/2		1/2	
3/4	1,868.12	3/4	1,620.44	3/4	1,372.76	3/4	1,125.08	3/4	877.40	3/4	630.07	3/4	382.44	3/4	134.78	3/4		3/4	
3	1,862.96	3	1,615.28	3	1,367.60	3	1,119.92	3	872.24	3	624.92	3	377.28	3	129.62	3		3	
1/4	1,857.80	1/4	1,610.12	1/4	1,362.44	1/4	1,114.76	1/4	867.08	1/4	619.77	1/4	372.12	1/4	124.46	1/4		1/4	
1/2	1,852.64	1/2	1,604.96	1/2	1,357.28	1/2	1,109.60	1/2	861.92	1/2	614.62	1/2	366.96	1/2	119.30	1/2		1/2	
3/4	1,847.48	3/4	1,599.80	3/4	1,352.12	3/4	1,104.44	3/4	856.76	3/4	609.46	3/4	361.80	3/4	114.14	3/4		3/4	
4	1,842.32	4	1,594.64	4	1,346.96	4	1,099.28	4	851.60	4	604.31	4	356.64	4	108.98	4		4	
1/4	1,837.16	1/4	1,589.48	1/4	1,341.80	1/4	1,094.12	1/4	846.44	1/4	599.15	1/4	351.48	1/4	103.82	1/4		1/4	
1/2	1,832.00	1/2	1,584.32	1/2	1,336.64	1/2	1,088.96	1/2	841.28	1/2	593.99	1/2	346.32	1/2	98.66	1/2		1/2	
3/4	1,826.84	3/4	1,579.16	3/4	1,331.48	3/4	1,083.80	3/4	836.12	3/4	588.83	3/4	341.16	3/4	93.50	3/4		3/4	
5	1,821.68	5	1,574.00	5	1,326.32	5	1,078.64	5	830.96	5	583.67	5	336.00	5	88.34	5		5	
1/4	1,816.52	1/4	1,568.84	1/4	1,321.16	1/4	1,073.48	1/4	825.80	1/4	578.51	1/4	330.84	1/4	83.18	1/4		1/4	
1/2	1,811.36	1/2	1,563.68	1/2	1,316.00	1/2	1,068.32	1/2	820.64	1/2	573.35	1/2	325.68	1/2	78.02	1/2		1/2	
3/4	1,806.20	3/4	1,558.52	3/4	1,310.84	3/4	1,063.16	3/4	815.49	3/4	568.19	3/4	320.52	3/4	72.86	3/4		3/4	
6	1,801.04	6	1,553.36	6	1,305.68	6	1,058.00	6	810.33	6	563.03	6	315.36	6	67.70	6		6	
1/4	1,795.88	1/4	1,548.20	1/4	1,300.52	1/4	1,052.84	1/4	805.18	1/4	557.88	1/4	310.21	1/4	62.54	1/4		1/4	
1/2	1,790.72	1/2	1,543.04	1/2	1,295.36	1/2	1,047.68	1/2	800.02	1/2	552.71	1/2	305.05	1/2	57.38	1/2		1/2	
3/4	1,785.56	3/4	1,537.88	3/4	1,290.20	3/4	1,042.52	3/4	794.87	3/4	547.55	3/4	299.89	3/4	52.22	3/4		3/4	
7	1,780.40	7	1,532.72	7	1,285.04	7	1,037.36	7	789.72	7	542.39	7	294.73	7	47.06	7		7	
1/4	1,775.24	1/4	1,527.56	1/4	1,279.88	1/4	1,032.20	1/4	784.57	1/4	537.23	1/4	289.57	1/4	41.90	1/4		1/4	
1/2	1,770.08	1/2	1,522.40	1/2	1,274.72	1/2	1,027.04	1/2	779.42	1/2	532.07	1/2	284.41	1/2	37.17	1/2		1/2	
3/4	1,764.92	3/4	1,517.24	3/4	1,269.56	3/4	1,021.88	3/4	774.27	3/4	526.91	3/4	279.25	3/4	32.44	3/4		3/4	
8	1,759.76	8	1,512.08	8	1,264.40	8	1,016.72	8	769.12	8	521.75	8	274.09	8	27.71	8		8	
1/4	1,754.60	1/4	1,506.92	1/4	1,259.24	1/4	1,011.56	1/4	763.97	1/4	516.59	1/4	268.93	1/4	22.98	1/4		1/4	
1/2	1,749.44	1/2	1,501.76	1/2	1,254.08	1/2	1,006.40	1/2	758.82	1/2	511.43	1/2	263.77	1/2	19.54	1/2		1/2	
3/4	1,744.28	3/4	1,496.60	3/4	1,248.92	3/4	1,001.24	3/4	753.67	3/4	506.27	3/4	258.61	3/4	16.10	3/4		3/4	
9	1,739.12	9	1,491.44	9	1,243.76	9	996.08	9	748.52	9	501.11	9	253.45	9	12.66	9		9	
1/4	1,733.96	1/4	1,486.28	1/4	1,238.60	1/4	990.92	1/4	743.37	1/4	495.95	1/4	248.29	1/4	9.22	1/4		1/4	
1/2	1,728.80	1/2	1,481.12	1/2	1,233.44	1/2	985.76	1/2	738.22	1/2	490.79	1/2	243.13	1/2	7.50	1/2		1/2	
3/4	1,723.64	3/4	1,475.96	3/4	1,228.28	3/4	980.60	3/4	733.07	3/4	485.63	3/4	237.97	3/4	5.78	3/4		3/4	
10	1,718.48	10	1,470.80	10	1,223.12	10	975.44	10	727.92	10	480.48	10	232.81	10	4.06	10		10	
1/4	1,713.32	1/4	1,465.64	1/4	1,217.96	1/4	970.28	1/4	722.77	1/4	475.32	1/4	227.65	1/4	2.34	1/4		1/4	
1/2	1,708.16	1/2	1,460.48	1/2	1,212.80	1/2	965.12	1/2	717.62	1/2	470.16	1/2	222.49	1/2		1/2		1/2	
3/4	1,703.00	3/4	1,455.32	3/4	1,207.64	3/4	959.96	3/4	712.47	3/4	465.00	3/4	217.33	3/4		3/4		3/4	
11	1,697.84	11	1,450.16	11	1,202.48	11	954.80	11	707.32	11	459.84	11	212.17	11		11		11	
1/4	1,692.68	1/4	1,445.00	1/4	1,197.32	1/4	949.64	1/4	702.17	1/4	454.68	1/4	207.01	1/4		1/4		1/4	
1/2	1,687.52	1/2	1,439.84	1/2	1,192.16	1/2	944.48	1/2	697.02	1/2	449.52	1/2	201.85	1/2		1/2		1/2	
3/4	1,682.36	3/4	1,434.68	3/4	1,187.00	3/4	939.32	3/4	691.87	3/4	444.36	3/4	196.69	3/4		3/4		3/4	

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