



BARGE "KIRBY 10108"

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	00-1/4	- 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 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	00-1/2	- 00-1/2
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-06"

April 5, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10108"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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
							3,763.77		3,542.98		3,290.12		3,037.26		2,776.96		2,481.39		2,185.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,762.74	1/4	3,537.71	1/4	3,284.85	1/4	3,031.99	1/4	2,770.80	1/4	2,475.22	1/4	2,178.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,761.71	1/2	3,532.44	1/2	3,279.59	1/2	3,026.73	1/2	2,764.65	1/2	2,469.05	1/2	2,172.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,760.68	3/4	3,527.18	3/4	3,274.32	3/4	3,021.46	3/4	2,758.50	3/4	2,462.88	3/4	2,166.63
1	1	1	1	1	1	1	3,759.64	1	3,521.91	1	3,269.05	1	3,016.19	1	2,752.35	1	2,456.70	1	2,160.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,756.54	1/4	3,516.64	1/4	3,263.78	1/4	3,010.92	1/4	2,746.19	1/4	2,450.53	1/4	2,154.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,753.45	1/2	3,511.37	1/2	3,258.51	1/2	3,005.65	1/2	2,740.04	1/2	2,444.36	1/2	2,148.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,750.35	3/4	3,506.11	3/4	3,253.25	3/4	3,000.39	3/4	2,733.89	3/4	2,438.19	3/4	2,141.94
2	2	2	2	2	2	2	3,747.25	2	3,500.84	2	3,247.98	2	2,995.12	2	2,727.73	2	2,432.02	2	2,135.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,743.10	1/4	3,495.57	1/4	3,242.71	1/4	2,989.85	1/4	2,721.58	1/4	2,425.84	1/4	2,129.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,738.95	1/2	3,490.30	1/2	3,237.44	1/2	2,984.58	1/2	2,715.43	1/2	2,419.67	1/2	2,123.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,734.80	3/4	3,485.03	3/4	3,232.17	3/4	2,979.32	3/4	2,709.27	3/4	2,413.50	3/4	2,117.25
3	3	3	3	3	3	3	3,730.66	3	3,479.77	3	3,226.91	3	2,974.05	3	2,703.12	3	2,407.33	3	2,111.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,725.52	1/4	3,474.50	1/4	3,221.64	1/4	2,968.78	1/4	2,696.97	1/4	2,401.16	1/4	2,104.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,720.39	1/2	3,469.23	1/2	3,216.37	1/2	2,963.51	1/2	2,690.82	1/2	2,394.99	1/2	2,098.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,715.25	3/4	3,463.96	3/4	3,211.10	3/4	2,958.24	3/4	2,684.66	3/4	2,388.81	3/4	2,092.57
4	4	4	4	4	4	4	3,710.12	4	3,458.69	4	3,205.83	4	2,952.98	4	2,678.51	4	2,382.64	4	2,086.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,704.95	1/4	3,453.43	1/4	3,200.57	1/4	2,947.71	1/4	2,672.36	1/4	2,376.47	1/4	2,080.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,699.78	1/2	3,448.16	1/2	3,195.30	1/2	2,942.44	1/2	2,666.20	1/2	2,370.30	1/2	2,074.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,694.61	3/4	3,442.89	3/4	3,190.03	3/4	2,937.17	3/4	2,660.05	3/4	2,364.13	3/4	2,067.88
5	5	5	5	5	5	5	3,689.44	5	3,437.62	5	3,184.76	5	2,931.90	5	2,653.90	5	2,357.95	5	2,061.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,684.26	1/4	3,432.35	1/4	3,179.50	1/4	2,926.64	1/4	2,647.75	1/4	2,351.78	1/4	2,055.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,679.08	1/2	3,427.09	1/2	3,174.23	1/2	2,921.37	1/2	2,641.59	1/2	2,345.61	1/2	2,049.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,673.89	3/4	3,421.82	3/4	3,168.96	3/4	2,916.10	3/4	2,635.44	3/4	2,339.44	3/4	2,043.19
6	6	6	6	6	6	6	3,668.71	6	3,416.55	6	3,163.69	6	2,910.83	6	2,629.29	6	2,333.27	6	2,037.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,663.53	1/4	3,411.28	1/4	3,158.42	1/4	2,905.56	1/4	2,623.13	1/4	2,327.10	1/4	2,030.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,658.35	1/2	3,406.02	1/2	3,153.16	1/2	2,900.30	1/2	2,616.98	1/2	2,320.92	1/2	2,024.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,653.17	3/4	3,400.75	3/4	3,147.89	3/4	2,895.03	3/4	2,610.83	3/4	2,314.75	3/4	2,018.51
7	7	7	7	7	7	7	3,647.99	7	3,395.48	7	3,142.62	7	2,889.76	7	2,604.68	7	2,308.58	7	2,012.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,642.81	1/4	3,390.21	1/4	3,137.35	1/4	2,884.49	1/4	2,598.52	1/4	2,302.41	1/4	2,006.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,637.63	1/2	3,384.94	1/2	3,132.08	1/2	2,879.23	1/2	2,592.37	1/2	2,296.24	1/2	1,999.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,632.45	3/4	3,379.68	3/4	3,126.82	3/4	2,873.96	3/4	2,586.22	3/4	2,290.07	3/4	1,993.82
8	8	8	8	8	8	8	3,627.27	8	3,374.41	8	3,121.55	8	2,868.69	8	2,580.06	8	2,283.89	8	1,987.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,622.00	1/4	3,369.14	1/4	3,116.28	1/4	2,863.40	1/4	2,573.91	1/4	2,277.72	1/4	1,981.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,616.73	1/2	3,363.87	1/2	3,111.01	1/2	2,858.10	1/2	2,567.76	1/2	2,271.55	1/2	1,975.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,611.46	3/4	3,358.60	3/4	3,105.74	3/4	2,852.81	3/4	2,561.61	3/4	2,265.38	3/4	1,969.13
9	9	9	9	9	9	9	3,606.20	9	3,353.34	9	3,100.48	9	2,847.52	9	2,555.45	9	2,259.21	9	1,962.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,600.93	1/4	3,348.07	1/4	3,095.21	1/4	2,842.23	1/4	2,549.28	1/4	2,253.03	1/4	1,956.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,595.66	1/2	3,342.80	1/2	3,089.94	1/2	2,836.93	1/2	2,543.11	1/2	2,246.86	1/2	1,950.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,590.39	3/4	3,337.53	3/4	3,084.67	3/4	2,831.64	3/4	2,536.94	3/4	2,240.69	3/4	1,944.44
10	10	10	10	10	10	10	3,585.12	10	3,332.26	10	3,079.41	10	2,826.35	10	2,530.77	10	2,234.52	10	1,938.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,579.86	1/4	3,327.00	1/4	3,074.14	1/4	2,820.15	1/4	2,524.59	1/4	2,228.35	1/4	1,932.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,574.59	1/2	3,321.73	1/2	3,068.87	1/2	2,813.96	1/2	2,518.42	1/2	2,222.18	1/2	1,925.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,569.32	3/4	3,316.46	3/4	3,063.60	3/4	2,807.76	3/4	2,512.25	3/4	2,216.00	3/4	1,919.76
11	11	11	11	11	11	11	3,564.05	11	3,311.19	11	3,058.33	11	2,801.57	11	2,506.08	11	2,209.83	11	1,913.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,558.78	1/4	3,305.92	1/4	3,053.07	1/4	2,795.42	1/4	2,499.91	1/4	2,203.66	1/4	1,907.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,553.52	1/2	3,300.66	1/2	3,047.80	1/2	2,789.26	1/2	2,493.73	1/2	2,197.49	1/2	1,901.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,548.25	3/4	3,295.39	3/4	3,042.53	3/4	2,783.11	3/4	2,487.56	3/4	2,191.32	3/4	1,895.07

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 ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 10108"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	1,888.90	0	1,592.42	0	1,295.76	0	999.11	0	708.48	0	411.70	0	114.85	0		0		0	
1/4	1,882.73	1/4	1,586.24	1/4	1,289.58	1/4	992.93	1/4	702.32	1/4	405.52	1/4	108.69	1/4	1/4	1/4		1/4	1/4
1/2	1,876.55	1/2	1,580.06	1/2	1,283.40	1/2	986.75	1/2	696.15	1/2	399.33	1/2	102.53	1/2	1/2	1/2		1/2	1/2
3/4	1,870.38	3/4	1,573.88	3/4	1,277.22	3/4	980.57	3/4	689.98	3/4	393.15	3/4	96.38	3/4	3/4	3/4		3/4	3/4
1	1,864.21	1	1,567.70	1	1,271.04	1	974.39	1	683.82	1	386.96	1	90.22	1	1	1		1	1
1/4	1,858.04	1/4	1,561.52	1/4	1,264.86	1/4	968.27	1/4	677.63	1/4	380.78	1/4	84.10	1/4	1/4	1/4		1/4	1/4
1/2	1,851.87	1/2	1,555.34	1/2	1,258.68	1/2	962.15	1/2	671.45	1/2	374.59	1/2	77.97	1/2	1/2	1/2		1/2	1/2
3/4	1,845.70	3/4	1,549.16	3/4	1,252.50	3/4	956.04	3/4	665.26	3/4	368.41	3/4	71.85	3/4	3/4	3/4		3/4	3/4
2	1,839.52	2	1,542.98	2	1,246.32	2	949.92	2	659.08	2	362.22	2	65.72	2	2	2		2	2
1/4	1,833.35	1/4	1,536.80	1/4	1,240.14	1/4	943.86	1/4	652.90	1/4	356.04	1/4	59.65	1/4	1/4	1/4		1/4	1/4
1/2	1,827.18	1/2	1,530.62	1/2	1,233.96	1/2	937.81	1/2	646.71	1/2	349.85	1/2	53.58	1/2	1/2	1/2		1/2	1/2
3/4	1,821.01	3/4	1,524.44	3/4	1,227.78	3/4	931.75	3/4	640.53	3/4	343.67	3/4	47.52	3/4	3/4	3/4		3/4	3/4
3	1,814.84	3	1,518.25	3	1,221.60	3	925.70	3	634.35	3	337.48	3	41.45	3	3	3		3	3
1/4	1,808.66	1/4	1,512.07	1/4	1,215.42	1/4	919.65	1/4	628.16	1/4	331.30	1/4	36.29	1/4	1/4	1/4		1/4	1/4
1/2	1,802.48	1/2	1,505.89	1/2	1,209.24	1/2	913.59	1/2	621.98	1/2	325.12	1/2	31.14	1/2	1/2	1/2		1/2	1/2
3/4	1,796.30	3/4	1,499.71	3/4	1,203.06	3/4	907.54	3/4	615.79	3/4	318.93	3/4	25.98	3/4	3/4	3/4		3/4	3/4
4	1,790.12	4	1,493.53	4	1,196.88	4	901.49	4	609.61	4	312.75	4	20.83	4	4	4		4	4
1/4	1,783.94	1/4	1,487.35	1/4	1,190.70	1/4	895.45	1/4	603.42	1/4	306.56	1/4	17.73	1/4	1/4	1/4		1/4	1/4
1/2	1,777.76	1/2	1,481.17	1/2	1,184.52	1/2	889.41	1/2	597.24	1/2	300.38	1/2	14.63	1/2	1/2	1/2		1/2	1/2
3/4	1,771.58	3/4	1,474.99	3/4	1,178.34	3/4	883.37	3/4	591.05	3/4	294.19	3/4	11.54	3/4	3/4	3/4		3/4	3/4
5	1,765.40	5	1,468.81	5	1,172.16	5	877.33	5	584.87	5	288.01	5	8.44	5	5	5		5	5
1/4	1,759.22	1/4	1,462.63	1/4	1,165.98	1/4	871.31	1/4	578.68	1/4	281.82	1/4	7.41	1/4	1/4	1/4		1/4	1/4
1/2	1,753.04	1/2	1,456.45	1/2	1,159.80	1/2	865.29	1/2	572.50	1/2	275.64	1/2	6.37	1/2	1/2	1/2		1/2	1/2
3/4	1,746.86	3/4	1,450.27	3/4	1,153.62	3/4	859.27	3/4	566.31	3/4	269.45	3/4	5.34	3/4	3/4	3/4		3/4	3/4
6	1,740.68	6	1,444.09	6	1,147.44	6	853.25	6	560.13	6	263.27	6	4.31	6	6	6		6	6
1/4	1,734.50	1/4	1,437.91	1/4	1,141.26	1/4	847.23	1/4	553.95	1/4	257.08	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,728.32	1/2	1,431.73	1/2	1,135.08	1/2	841.21	1/2	547.76	1/2	250.90	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,722.14	3/4	1,425.55	3/4	1,128.90	3/4	835.18	3/4	541.58	3/4	244.72	3/4		3/4	3/4	3/4		3/4	3/4
7	1,715.96	7	1,419.37	7	1,122.72	7	829.16	7	535.39	7	238.53	7		7	7	7		7	7
1/4	1,709.78	1/4	1,413.19	1/4	1,116.54	1/4	823.14	1/4	529.21	1/4	232.35	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,703.61	1/2	1,407.01	1/2	1,110.36	1/2	817.12	1/2	523.02	1/2	226.16	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,697.43	3/4	1,400.83	3/4	1,104.17	3/4	811.10	3/4	516.84	3/4	219.98	3/4		3/4	3/4	3/4		3/4	3/4
8	1,691.25	8	1,394.65	8	1,097.99	8	805.08	8	510.65	8	213.79	8		8	8	8		8	8
1/4	1,685.07	1/4	1,388.47	1/4	1,091.81	1/4	799.06	1/4	504.47	1/4	207.61	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,678.90	1/2	1,382.29	1/2	1,085.63	1/2	793.04	1/2	498.28	1/2	201.42	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,672.72	3/4	1,376.11	3/4	1,079.45	3/4	787.01	3/4	492.10	3/4	195.24	3/4		3/4	3/4	3/4		3/4	3/4
9	1,666.54	9	1,369.93	9	1,073.27	9	780.99	9	485.91	9	189.05	9		9	9	9		9	9
1/4	1,660.37	1/4	1,363.75	1/4	1,067.09	1/4	774.97	1/4	479.73	1/4	182.87	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,654.19	1/2	1,357.57	1/2	1,060.91	1/2	768.95	1/2	473.55	1/2	176.69	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,648.01	3/4	1,351.39	3/4	1,054.73	3/4	762.93	3/4	467.36	3/4	170.50	3/4		3/4	3/4	3/4		3/4	3/4
10	1,641.84	10	1,345.21	10	1,048.55	10	756.91	10	461.18	10	164.32	10		10	10	10		10	10
1/4	1,635.66	1/4	1,339.03	1/4	1,042.37	1/4	750.89	1/4	454.99	1/4	158.13	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,629.48	1/2	1,332.85	1/2	1,036.19	1/2	744.87	1/2	448.81	1/2	151.94	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,623.30	3/4	1,326.67	3/4	1,030.01	3/4	738.84	3/4	442.62	3/4	145.75	3/4		3/4	3/4	3/4		3/4	3/4
11	1,617.13	11	1,320.49	11	1,023.83	11	732.82	11	436.44	11	139.56	11		11	11	11		11	11
1/4	1,610.95	1/4	1,314.30	1/4	1,017.65	1/4	726.74	1/4	430.25	1/4	133.38	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,604.77	1/2	1,308.12	1/2	1,011.47	1/2	720.65	1/2	424.07	1/2	127.20	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,598.60	3/4	1,301.94	3/4	1,005.29	3/4	714.57	3/4	417.88	3/4	121.03	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 SW
CALCULATED: 02/28/2014 CL
VERIFIED: 04/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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



BARGE "KIRBY 10108"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

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	3,260.80	0	2,998.85	0	2,736.90	0	2,474.54	0	2,211.18	0	1,947.82		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,255.34	1/4	2,993.39	1/4	2,731.44	1/4	2,469.05	1/4	2,205.69	1/4	1,942.34		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,476.60	1/2	3,249.88	1/2	2,987.93	1/2	2,725.98	1/2	2,463.56	1/2	2,200.21	1/2	1,936.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,475.68	3/4	3,244.43	3/4	2,982.48	3/4	2,720.53	3/4	2,458.08	3/4	2,194.72	3/4	1,931.36
1		1		1		1		1	3,474.77	1	3,238.97	1	2,977.02	1	2,715.07	1	2,452.59	1	2,189.23	1	1,925.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,473.85	1/4	3,233.51	1/4	2,971.56	1/4	2,709.61	1/4	2,447.10	1/4	2,183.75	1/4	1,920.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,472.94	1/2	3,228.06	1/2	2,966.10	1/2	2,704.15	1/2	2,441.62	1/2	2,178.26	1/2	1,914.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,470.19	3/4	3,222.60	3/4	2,960.65	3/4	2,698.70	3/4	2,436.13	3/4	2,172.77	3/4	1,909.42
2		2		2		2		2	3,467.45	2	3,217.14	2	2,955.19	2	2,693.24	2	2,430.64	2	2,167.29	2	1,903.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,464.70	1/4	3,211.68	1/4	2,949.73	1/4	2,687.78	1/4	2,425.16	1/4	2,161.80	1/4	1,898.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,461.96	1/2	3,206.23	1/2	2,944.28	1/2	2,682.33	1/2	2,419.67	1/2	2,156.31	1/2	1,892.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,457.51	3/4	3,200.77	3/4	2,938.82	3/4	2,676.87	3/4	2,414.19	3/4	2,150.83	3/4	1,887.47
3		3		3		3		3	3,453.07	3	3,195.31	3	2,933.36	3	2,671.41	3	2,408.70	3	2,145.34	3	1,881.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,448.62	1/4	3,189.85	1/4	2,927.90	1/4	2,665.95	1/4	2,403.21	1/4	2,139.86	1/4	1,876.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,444.18	1/2	3,184.40	1/2	2,922.45	1/2	2,660.50	1/2	2,397.73	1/2	2,134.37	1/2	1,871.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,438.86	3/4	3,178.94	3/4	2,916.99	3/4	2,655.04	3/4	2,392.24	3/4	2,128.88	3/4	1,865.53
4		4		4		4		4	3,433.54	4	3,173.48	4	2,911.53	4	2,649.58	4	2,386.75	4	2,123.40	4	1,860.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,428.22	1/4	3,168.03	1/4	2,906.07	1/4	2,644.12	1/4	2,381.27	1/4	2,117.91	1/4	1,854.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,422.91	1/2	3,162.57	1/2	2,900.62	1/2	2,638.67	1/2	2,375.78	1/2	2,112.42	1/2	1,849.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,417.56	3/4	3,157.11	3/4	2,895.16	3/4	2,633.21	3/4	2,370.29	3/4	2,106.94	3/4	1,843.58
5		5		5		5		5	3,412.21	5	3,151.65	5	2,889.70	5	2,627.75	5	2,364.81	5	2,101.45	5	1,838.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,406.86	1/4	3,146.20	1/4	2,884.25	1/4	2,622.29	1/4	2,359.32	1/4	2,095.96	1/4	1,832.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,401.51	1/2	3,140.74	1/2	2,878.79	1/2	2,616.84	1/2	2,353.83	1/2	2,090.48	1/2	1,827.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,396.15	3/4	3,135.28	3/4	2,873.33	3/4	2,611.38	3/4	2,348.35	3/4	2,084.99	3/4	1,821.63
6		6		6		6		6	3,390.79	6	3,129.82	6	2,867.87	6	2,605.92	6	2,342.86	6	2,079.50	6	1,816.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,385.43	1/4	3,124.37	1/4	2,862.42	1/4	2,600.47	1/4	2,337.37	1/4	2,074.02	1/4	1,810.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,380.07	1/2	3,118.91	1/2	2,856.96	1/2	2,595.01	1/2	2,331.89	1/2	2,068.53	1/2	1,805.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,374.71	3/4	3,113.45	3/4	2,851.50	3/4	2,589.55	3/4	2,326.40	3/4	2,063.04	3/4	1,799.69
7		7		7		7		7	3,369.35	7	3,107.99	7	2,846.04	7	2,584.09	7	2,320.91	7	2,057.56	7	1,794.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,363.99	1/4	3,102.54	1/4	2,840.59	1/4	2,578.64	1/4	2,315.43	1/4	2,052.07	1/4	1,788.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,358.63	1/2	3,097.08	1/2	2,835.13	1/2	2,573.18	1/2	2,309.94	1/2	2,046.58	1/2	1,783.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,353.28	3/4	3,091.62	3/4	2,829.67	3/4	2,567.72	3/4	2,304.45	3/4	2,041.10	3/4	1,777.74
8		8		8		8		8	3,347.92	8	3,086.17	8	2,824.22	8	2,562.26	8	2,298.97	8	2,035.61	8	1,772.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,342.56	1/4	3,080.71	1/4	2,818.76	1/4	2,556.81	1/4	2,293.48	1/4	2,030.12	1/4	1,766.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,337.20	1/2	3,075.25	1/2	2,813.30	1/2	2,551.35	1/2	2,287.99	1/2	2,024.64	1/2	1,761.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,331.74	3/4	3,069.79	3/4	2,807.84	3/4	2,545.86	3/4	2,282.51	3/4	2,019.15	3/4	1,755.79
9		9		9		9		9	3,326.29	9	3,064.34	9	2,802.39	9	2,540.38	9	2,277.02	9	2,013.66	9	1,750.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,320.83	1/4	3,058.88	1/4	2,796.93	1/4	2,534.89	1/4	2,271.53	1/4	2,008.18	1/4	1,744.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,315.37	1/2	3,053.42	1/2	2,791.47	1/2	2,529.40	1/2	2,266.05	1/2	2,002.69	1/2	1,739.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,309.91	3/4	3,047.96	3/4	2,786.01	3/4	2,523.92	3/4	2,260.56	3/4	1,997.20	3/4	1,733.85
10		10		10		10		10	3,304.46	10	3,042.51	10	2,780.56	10	2,518.43	10	2,255.07	10	1,991.72	10	1,728.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,299.00	1/4	3,037.05	1/4	2,775.10	1/4	2,512.94	1/4	2,249.59	1/4	1,986.23	1/4	1,722.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,293.54	1/2	3,031.59	1/2	2,769.64	1/2	2,507.46	1/2	2,244.10	1/2	1,980.74	1/2	1,717.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,288.09	3/4	3,026.14	3/4	2,764.18	3/4	2,501.97	3/4	2,238.61	3/4	1,975.26	3/4	1,711.90
11		11		11		11		11	3,282.63	11	3,020.68	11	2,758.73	11	2,496.48	11	2,233.13	11	1,969.77	11	1,706.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,277.17	1/4	3,015.22	1/4	2,753.27	1/4	2,491.00	1/4	2,227.64	1/4	1,964.28	1/4	1,700.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,271.71	1/2	3,009.76	1/2	2,747.81	1/2	2,485.51	1/2	2,222.15	1/2	1,958.80	1/2	1,695.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,266.26	3/4	3,004.31	3/4	2,742.36	3/4	2,480.02	3/4	2,216.67	3/4	1,953.31	3/4	1,689.95

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 ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10108"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

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	1,684.47	0	1,421.11	0	1,157.60	0	895.77	0	636.42	0	373.00	0	109.56	0		0		0	
1/4	1,678.98	1/4	1,415.62	1/4	1,152.11	1/4	890.37	1/4	630.97	1/4	367.51	1/4	104.09	1/4		1/4		1/4	
1/2	1,673.49	1/2	1,410.14	1/2	1,146.62	1/2	884.96	1/2	625.52	1/2	362.02	1/2	98.61	1/2		1/2		1/2	
3/4	1,668.01	3/4	1,404.65	3/4	1,141.13	3/4	879.56	3/4	620.03	3/4	356.53	3/4	93.16	3/4		3/4		3/4	
1	1,662.52	1	1,399.16	1	1,135.64	1	874.15	1	614.54	1	351.04	1	87.70	1		1		1	
1/4	1,657.03	1/4	1,393.67	1/4	1,130.15	1/4	868.75	1/4	609.05	1/4	345.55	1/4	82.25	1/4		1/4		1/4	
1/2	1,651.55	1/2	1,388.18	1/2	1,124.66	1/2	863.34	1/2	603.56	1/2	340.06	1/2	76.79	1/2		1/2		1/2	
3/4	1,646.06	3/4	1,382.69	3/4	1,119.17	3/4	857.94	3/4	598.07	3/4	334.57	3/4	71.37	3/4		3/4		3/4	
2	1,640.57	2	1,377.20	2	1,113.68	2	852.53	2	592.59	2	329.08	2	65.94	2		2		2	
1/4	1,635.09	1/4	1,371.71	1/4	1,108.19	1/4	847.13	1/4	587.10	1/4	323.59	1/4	60.51	1/4		1/4		1/4	
1/2	1,629.60	1/2	1,366.22	1/2	1,102.70	1/2	841.72	1/2	581.61	1/2	318.11	1/2	55.09	1/2		1/2		1/2	
3/4	1,624.11	3/4	1,360.73	3/4	1,097.21	3/4	836.31	3/4	576.12	3/4	312.62	3/4	49.71	3/4		3/4		3/4	
3	1,618.63	3	1,355.24	3	1,091.72	3	830.91	3	570.63	3	307.13	3	44.34	3		3		3	
1/4	1,613.14	1/4	1,349.75	1/4	1,086.23	1/4	825.50	1/4	565.14	1/4	301.64	1/4	38.96	1/4		1/4		1/4	
1/2	1,607.65	1/2	1,344.26	1/2	1,080.74	1/2	820.10	1/2	559.65	1/2	296.15	1/2	33.58	1/2		1/2		1/2	
3/4	1,602.17	3/4	1,338.77	3/4	1,075.25	3/4	814.70	3/4	554.16	3/4	290.66	3/4	29.02	3/4		3/4		3/4	
4	1,596.68	4	1,333.28	4	1,069.76	4	809.30	4	548.67	4	285.17	4	24.45	4		4		4	
1/4	1,591.20	1/4	1,327.79	1/4	1,064.27	1/4	803.90	1/4	543.18	1/4	279.68	1/4	19.88	1/4		1/4		1/4	
1/2	1,585.71	1/2	1,322.30	1/2	1,058.78	1/2	798.50	1/2	537.69	1/2	274.19	1/2	15.32	1/2		1/2		1/2	
3/4	1,580.22	3/4	1,316.81	3/4	1,053.29	3/4	793.10	3/4	532.20	3/4	268.70	3/4	12.57	3/4		3/4		3/4	
5	1,574.74	5	1,311.32	5	1,047.80	5	787.70	5	526.71	5	263.21	5	9.83	5		5		5	
1/4	1,569.25	1/4	1,305.83	1/4	1,042.31	1/4	782.30	1/4	521.22	1/4	257.72	1/4	7.08	1/4		1/4		1/4	
1/2	1,563.76	1/2	1,300.34	1/2	1,036.82	1/2	776.90	1/2	515.73	1/2	252.23	1/2	4.34	1/2		1/2		1/2	
3/4	1,558.28	3/4	1,294.85	3/4	1,031.33	3/4	771.50	3/4	510.24	3/4	246.74	3/4	3.42	3/4		3/4		3/4	
6	1,552.79	6	1,289.36	6	1,025.84	6	766.10	6	504.75	6	241.25	6	2.51	6		6		6	
1/4	1,547.30	1/4	1,283.87	1/4	1,020.35	1/4	760.70	1/4	499.26	1/4	235.76	1/4	1.59	1/4		1/4		1/4	
1/2	1,541.82	1/2	1,278.38	1/2	1,014.86	1/2	755.30	1/2	493.77	1/2	230.27	1/2	0.68	1/2		1/2		1/2	
3/4	1,536.33	3/4	1,272.89	3/4	1,009.41	3/4	749.90	3/4	488.28	3/4	224.78	3/4		3/4		3/4		3/4	
7	1,530.84	7	1,267.40	7	1,003.96	7	744.50	7	482.79	7	219.29	7		7		7		7	
1/4	1,525.36	1/4	1,261.91	1/4	998.51	1/4	739.10	1/4	477.30	1/4	213.80	1/4		1/4		1/4		1/4	
1/2	1,519.87	1/2	1,256.42	1/2	993.07	1/2	733.70	1/2	471.81	1/2	208.31	1/2		1/2		1/2		1/2	
3/4	1,514.38	3/4	1,250.93	3/4	987.66	3/4	728.30	3/4	466.32	3/4	202.82	3/4		3/4		3/4		3/4	
8	1,508.90	8	1,245.44	8	982.26	8	722.90	8	460.83	8	197.33	8		8		8		8	
1/4	1,503.41	1/4	1,239.95	1/4	976.85	1/4	717.50	1/4	455.35	1/4	191.84	1/4		1/4		1/4		1/4	
1/2	1,497.92	1/2	1,234.46	1/2	971.44	1/2	712.10	1/2	449.86	1/2	186.35	1/2		1/2		1/2		1/2	
3/4	1,492.44	3/4	1,228.97	3/4	966.04	3/4	706.70	3/4	444.37	3/4	180.87	3/4		3/4		3/4		3/4	
9	1,486.95	9	1,223.48	9	960.63	9	701.30	9	438.88	9	175.38	9		9		9		9	
1/4	1,481.46	1/4	1,217.99	1/4	955.23	1/4	695.90	1/4	433.39	1/4	169.89	1/4		1/4		1/4		1/4	
1/2	1,475.98	1/2	1,212.50	1/2	949.82	1/2	690.50	1/2	427.90	1/2	164.40	1/2		1/2		1/2		1/2	
3/4	1,470.49	3/4	1,207.01	3/4	944.42	3/4	685.10	3/4	422.41	3/4	158.91	3/4		3/4		3/4		3/4	
10	1,465.00	10	1,201.52	10	939.01	10	679.70	10	416.92	10	153.42	10		10		10		10	
1/4	1,459.52	1/4	1,196.03	1/4	933.61	1/4	674.30	1/4	411.43	1/4	147.93	1/4		1/4		1/4		1/4	
1/2	1,454.03	1/2	1,190.54	1/2	928.20	1/2	668.90	1/2	405.94	1/2	142.44	1/2		1/2		1/2		1/2	
3/4	1,448.54	3/4	1,185.05	3/4	922.80	3/4	663.51	3/4	400.45	3/4	136.96	3/4		3/4		3/4		3/4	
11	1,443.06	11	1,179.56	11	917.39	11	658.11	11	394.96	11	131.47	11		11		11		11	
1/4	1,437.57	1/4	1,174.07	1/4	911.99	1/4	652.71	1/4	389.47	1/4	125.99	1/4		1/4		1/4		1/4	
1/2	1,432.08	1/2	1,168.58	1/2	906.58	1/2	647.31	1/2	383.98	1/2	120.50	1/2		1/2		1/2		1/2	
3/4	1,426.60	3/4	1,163.09	3/4	901.18	3/4	641.86	3/4	378.49	3/4	115.03	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 SW
CALCULATED: 02/28/2014 CL
VERIFIED: 04/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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



BARGE "KIRBY 10108"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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		
0			0			0			0	3,447.35		0	3,222.83		0	2,963.41		0	2,703.99		0	2,444.10		0	2,177.85		0	2,183.28		0	1,922.47	
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,446.45	1/4	1/4	3,217.43	1/4	1/4	2,958.00	1/4	1/4	2,698.58	1/4	1/4	2,438.67	1/4	1/4	2,177.85	1/4	1/4	1,917.03	1/4	1/4	1,917.03	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,445.54	1/2	1/2	3,212.02	1/2	1/2	2,952.60	1/2	1/2	2,693.18	1/2	1/2	2,433.23	1/2	1/2	2,172.42	1/2	1/2	1,911.60	1/2	1/2	1,911.60	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,444.64	3/4	3/4	3,206.62	3/4	3/4	2,947.20	3/4	3/4	2,687.77	3/4	3/4	2,427.80	3/4	3/4	2,166.98	3/4	3/4	1,906.17	3/4	3/4	1,906.17	3/4
1		1	1		1	1		1	1	3,443.73	1	1	3,201.21	1	1	2,941.79	1	1	2,682.37	1	1	2,422.37	1	1	2,161.55	1	1	1,900.73	1	1	1,900.73	1
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,441.01	1/4	1/4	3,195.81	1/4	1/4	2,936.39	1/4	1/4	2,676.97	1/4	1/4	2,416.93	1/4	1/4	2,156.12	1/4	1/4	1,895.30	1/4	1/4	1,895.30	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,438.29	1/2	1/2	3,190.40	1/2	1/2	2,930.98	1/2	1/2	2,671.56	1/2	1/2	2,411.50	1/2	1/2	2,150.68	1/2	1/2	1,889.86	1/2	1/2	1,889.86	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,435.57	3/4	3/4	3,185.00	3/4	3/4	2,925.58	3/4	3/4	2,666.16	3/4	3/4	2,406.07	3/4	3/4	2,145.25	3/4	3/4	1,884.43	3/4	3/4	1,884.43	3/4
2		2	2		2	2		2	2	3,432.86	2	2	3,179.59	2	2	2,920.17	2	2	2,660.75	2	2	2,400.63	2	2	2,139.81	2	2	1,879.00	2	2	1,879.00	2
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,428.45	1/4	1/4	3,174.19	1/4	1/4	2,914.77	1/4	1/4	2,655.35	1/4	1/4	2,395.20	1/4	1/4	2,134.38	1/4	1/4	1,873.56	1/4	1/4	1,873.56	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,424.05	1/2	1/2	3,168.78	1/2	1/2	2,909.36	1/2	1/2	2,649.94	1/2	1/2	2,389.76	1/2	1/2	2,128.95	1/2	1/2	1,868.13	1/2	1/2	1,868.13	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,419.65	3/4	3/4	3,163.38	3/4	3/4	2,903.96	3/4	3/4	2,644.54	3/4	3/4	2,384.33	3/4	3/4	2,123.51	3/4	3/4	1,862.70	3/4	3/4	1,862.70	3/4
3		3	3		3	3		3	3	3,415.25	3	3	3,157.97	3	3	2,898.55	3	3	2,639.13	3	3	2,378.90	3	3	2,118.08	3	3	1,857.26	3	3	1,857.26	3
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,409.98	1/4	1/4	3,152.57	1/4	1/4	2,893.15	1/4	1/4	2,633.73	1/4	1/4	2,373.46	1/4	1/4	2,112.65	1/4	1/4	1,851.83	1/4	1/4	1,851.83	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,404.72	1/2	1/2	3,147.17	1/2	1/2	2,887.74	1/2	1/2	2,628.32	1/2	1/2	2,368.03	1/2	1/2	2,107.21	1/2	1/2	1,846.39	1/2	1/2	1,846.39	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,399.45	3/4	3/4	3,141.76	3/4	3/4	2,882.34	3/4	3/4	2,622.92	3/4	3/4	2,362.60	3/4	3/4	2,101.78	3/4	3/4	1,840.96	3/4	3/4	1,840.96	3/4
4		4	4		4	4		4	4	3,394.19	4	4	3,136.36	4	4	2,876.94	4	4	2,617.51	4	4	2,357.16	4	4	2,096.35	4	4	1,835.53	4	4	1,835.53	4
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,388.89	1/4	1/4	3,130.95	1/4	1/4	2,871.53	1/4	1/4	2,612.11	1/4	1/4	2,351.73	1/4	1/4	2,090.91	1/4	1/4	1,830.09	1/4	1/4	1,830.09	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,383.59	1/2	1/2	3,125.55	1/2	1/2	2,866.13	1/2	1/2	2,606.71	1/2	1/2	2,346.30	1/2	1/2	2,085.48	1/2	1/2	1,824.66	1/2	1/2	1,824.66	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,378.29	3/4	3/4	3,120.14	3/4	3/4	2,860.72	3/4	3/4	2,601.30	3/4	3/4	2,340.86	3/4	3/4	2,080.04	3/4	3/4	1,819.23	3/4	3/4	1,819.23	3/4
5		5	5		5	5		5	5	3,373.00	5	5	3,114.74	5	5	2,855.32	5	5	2,595.90	5	5	2,335.43	5	5	2,074.61	5	5	1,813.79	5	5	1,813.79	5
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,367.69	1/4	1/4	3,109.33	1/4	1/4	2,849.91	1/4	1/4	2,590.49	1/4	1/4	2,329.99	1/4	1/4	2,069.18	1/4	1/4	1,808.36	1/4	1/4	1,808.36	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,362.37	1/2	1/2	3,103.93	1/2	1/2	2,844.51	1/2	1/2	2,585.09	1/2	1/2	2,324.56	1/2	1/2	2,063.74	1/2	1/2	1,802.93	1/2	1/2	1,802.93	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,357.06	3/4	3/4	3,098.52	3/4	3/4	2,839.10	3/4	3/4	2,579.68	3/4	3/4	2,319.13	3/4	3/4	2,058.31	3/4	3/4	1,797.49	3/4	3/4	1,797.49	3/4
6		6	6		6	6		6	6	3,351.75	6	6	3,093.12	6	6	2,833.70	6	6	2,574.28	6	6	2,313.69	6	6	2,052.88	6	6	1,792.06	6	6	1,792.06	6
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,346.44	1/4	1/4	3,087.71	1/4	1/4	2,828.29	1/4	1/4	2,568.87	1/4	1/4	2,308.26	1/4	1/4	2,047.44	1/4	1/4	1,786.62	1/4	1/4	1,786.62	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,341.14	1/2	1/2	3,082.31	1/2	1/2	2,822.89	1/2	1/2	2,563.47	1/2	1/2	2,302.83	1/2	1/2	2,042.01	1/2	1/2	1,781.19	1/2	1/2	1,781.19	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,335.83	3/4	3/4	3,076.91	3/4	3/4	2,817.48	3/4	3/4	2,558.06	3/4	3/4	2,297.39	3/4	3/4	2,036.57	3/4	3/4	1,775.76	3/4	3/4	1,775.76	3/4
7		7	7		7	7		7	7	3,330.53	7	7	3,071.50	7	7	2,812.08	7	7	2,552.66	7	7	2,291.96	7	7	2,031.14	7	7	1,770.32	7	7	1,770.32	7
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,325.22	1/4	1/4	3,066.10	1/4	1/4	2,806.68	1/4	1/4	2,547.25	1/4	1/4	2,286.52	1/4	1/4	2,025.71	1/4	1/4	1,764.89	1/4	1/4	1,764.89	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,319.92	1/2	1/2	3,060.69	1/2	1/2	2,801.27	1/2	1/2	2,541.85	1/2	1/2	2,281.09	1/2	1/2	2,020.27	1/2	1/2	1,759.46	1/2	1/2	1,759.46	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,314.61	3/4	3/4	3,055.29	3/4	3/4	2,795.87	3/4	3/4	2,536.45	3/4	3/4	2,275.66	3/4	3/4	2,014.84	3/4	3/4	1,754.02	3/4	3/4	1,754.02	3/4
8		8	8		8	8		8	8	3,309.30	8	8	3,049.88	8	8	2,790.46	8	8	2,531.04	8	8	2,270.22	8	8	2,009.41	8	8	1,748.59	8	8	1,748.59	8
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,303.90	1/4	1/4	3,044.48	1/4	1/4	2,785.06	1/4	1/4	2,525.61	1/4	1/4	2,264.79	1/4	1/4	2,003.97	1/4	1/4	1,743.15	1/4	1/4	1,743.15	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,298.49	1/2	1/2	3,039.07	1/2	1/2	2,779.65	1/2	1/2	2,520.17	1/2	1/2	2,259.36	1/2	1/2	1,998.54	1/2	1/2	1,737.72	1/2	1/2	1,737.72	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,293.09	3/4	3/4	3,033.67	3/4	3/4	2,774.25	3/4	3/4	2,514.74	3/4	3/4	2,253.92	3/4	3/4	1,993.10	3/4	3/4	1,732.29	3/4	3/4	1,732.29	3/4
9		9	9		9	9		9	9	3,287.69	9	9	3,028.26	9	9	2,768.84	9	9	2,509.31	9	9	2,248.49	9	9	1,987.67	9	9	1,726.85	9	9	1,726.85	9
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,282.28	1/4	1/4	3,022.86	1/4	1/4	2,763.44	1/4	1/4	2,503.87	1/4	1/4	2,243.05	1/4	1/4	1,982.24	1/4	1/4	1,721.42	1/4	1/4	1,721.42	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,276.88	1/2	1/2	3,017.46	1/2	1/2	2,758.03	1/2	1/2	2,498.44	1/2	1/2	2,237.62	1/2	1/2	1,976.80	1/2	1/2	1,715.99	1/2	1/2	1,715.99	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,271.47	3/4	3/4	3,012.05	3/4	3/4	2,752.63	3/4	3/4	2,493.01	3/4	3/4											



BARGE "KIRBY 10108"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	1,661.65	0	1,400.83	0	1,139.85	0	879.73	0	619.51	0	358.54	0	97.67	0		0		0	
1/4	1,656.22	1/4	1,395.39	1/4	1,134.41	1/4	874.33	1/4	614.07	1/4	353.11	1/4	92.27	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,650.78	1/2	1,389.96	1/2	1,128.97	1/2	868.93	1/2	608.64	1/2	347.67	1/2	86.86	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,645.35	3/4	1,384.52	3/4	1,123.53	3/4	863.53	3/4	603.20	3/4	342.23	3/4	81.46	3/4	3/4	3/4	3/4	3/4	3/4
1	1,639.91	1	1,379.08	1	1,118.10	1	858.13	1	597.76	1	336.80	1	76.06	1	1	1	1	1	1
1/4	1,634.48	1/4	1,373.65	1/4	1,112.66	1/4	852.73	1/4	592.33	1/4	331.36	1/4	70.68	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,629.05	1/2	1,368.21	1/2	1,107.22	1/2	847.33	1/2	586.89	1/2	325.92	1/2	65.31	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,623.61	3/4	1,362.77	3/4	1,101.79	3/4	841.93	3/4	581.45	3/4	320.49	3/4	59.94	3/4	3/4	3/4	3/4	3/4	3/4
2	1,618.18	2	1,357.33	2	1,096.35	2	836.52	2	576.02	2	315.05	2	54.56	2	2	2	2	2	2
1/4	1,612.75	1/4	1,351.90	1/4	1,090.91	1/4	831.12	1/4	570.58	1/4	309.61	1/4	49.24	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,607.31	1/2	1,346.46	1/2	1,085.47	1/2	825.72	1/2	565.14	1/2	304.18	1/2	43.91	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,601.88	3/4	1,341.02	3/4	1,080.04	3/4	820.32	3/4	559.71	3/4	298.74	3/4	38.59	3/4	3/4	3/4	3/4	3/4	3/4
3	1,596.44	3	1,335.59	3	1,074.60	3	814.92	3	554.27	3	293.30	3	33.26	3	3	3	3	3	3
1/4	1,591.01	1/4	1,330.15	1/4	1,069.16	1/4	809.52	1/4	548.83	1/4	287.87	1/4	28.74	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,585.58	1/2	1,324.71	1/2	1,063.73	1/2	804.13	1/2	543.40	1/2	282.43	1/2	24.22	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,580.14	3/4	1,319.27	3/4	1,058.29	3/4	798.73	3/4	537.96	3/4	276.99	3/4	19.70	3/4	3/4	3/4	3/4	3/4	3/4
4	1,574.71	4	1,313.84	4	1,052.85	4	793.34	4	532.52	4	271.56	4	15.17	4	4	4	4	4	4
1/4	1,569.28	1/4	1,308.40	1/4	1,047.41	1/4	787.91	1/4	527.09	1/4	266.12	1/4	12.45	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,563.84	1/2	1,302.96	1/2	1,041.98	1/2	782.47	1/2	521.65	1/2	260.68	1/2	9.74	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,558.41	3/4	1,297.52	3/4	1,036.54	3/4	777.04	3/4	516.21	3/4	255.25	3/4	7.02	3/4	3/4	3/4	3/4	3/4	3/4
5	1,552.98	5	1,292.09	5	1,031.10	5	771.61	5	510.77	5	249.81	5	4.30	5	5	5	5	5	5
1/4	1,547.54	1/4	1,286.65	1/4	1,025.66	1/4	766.18	1/4	505.34	1/4	244.37	1/4	3.39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,542.11	1/2	1,281.21	1/2	1,020.23	1/2	760.75	1/2	499.90	1/2	238.93	1/2	2.49	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,536.67	3/4	1,275.78	3/4	1,014.79	3/4	755.31	3/4	494.46	3/4	233.50	3/4	1.58	3/4	3/4	3/4	3/4	3/4	3/4
6	1,531.24	6	1,270.34	6	1,009.35	6	749.88	6	489.03	6	228.06	6	0.68	6	6	6	6	6	6
1/4	1,525.81	1/4	1,264.90	1/4	1,003.95	1/4	744.45	1/4	483.59	1/4	222.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,520.37	1/2	1,259.46	1/2	998.55	1/2	739.02	1/2	478.15	1/2	217.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,514.94	3/4	1,254.03	3/4	993.15	3/4	733.59	3/4	472.72	3/4	211.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,509.51	7	1,248.59	7	987.75	7	728.16	7	467.28	7	206.31	7		7	7	7	7	7	7
1/4	1,504.07	1/4	1,243.15	1/4	982.35	1/4	722.72	1/4	461.84	1/4	200.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,498.64	1/2	1,237.72	1/2	976.95	1/2	717.29	1/2	456.41	1/2	195.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,493.20	3/4	1,232.28	3/4	971.55	3/4	711.86	3/4	450.97	3/4	190.00	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,487.77	8	1,226.84	8	966.15	8	706.43	8	445.53	8	184.57	8		8	8	8	8	8	8
1/4	1,482.34	1/4	1,221.40	1/4	960.74	1/4	701.00	1/4	440.10	1/4	179.13	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,476.90	1/2	1,215.97	1/2	955.34	1/2	695.57	1/2	434.66	1/2	173.69	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,471.47	3/4	1,210.53	3/4	949.94	3/4	690.13	3/4	429.22	3/4	168.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,466.04	9	1,205.09	9	944.54	9	684.70	9	423.79	9	162.82	9		9	9	9	9	9	9
1/4	1,460.60	1/4	1,199.66	1/4	939.14	1/4	679.27	1/4	418.35	1/4	157.38	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,455.17	1/2	1,194.22	1/2	933.74	1/2	673.84	1/2	412.91	1/2	151.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,449.73	3/4	1,188.78	3/4	928.34	3/4	668.41	3/4	407.48	3/4	146.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,444.30	10	1,183.34	10	922.94	10	662.97	10	402.04	10	141.07	10		10	10	10	10	10	10
1/4	1,438.87	1/4	1,177.91	1/4	917.54	1/4	657.54	1/4	396.60	1/4	135.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,433.43	1/2	1,172.47	1/2	912.14	1/2	652.11	1/2	391.17	1/2	130.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,428.00	3/4	1,167.03	3/4	906.74	3/4	646.68	3/4	385.73	3/4	124.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,422.57	11	1,161.59	11	901.34	11	641.25	11	380.29	11	119.35	11		11	11	11	11	11	11
1/4	1,417.13	1/4	1,156.16	1/4	895.93	1/4	635.82	1/4	374.85	1/4	113.93	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,411.70	1/2	1,150.72	1/2	890.53	1/2	630.38	1/2	369.42	1/2	108.51	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,406.27	3/4	1,145.28	3/4	885.13	3/4	624.94	3/4	363.98	3/4	103.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 SW
CALCULATED: 02/28/2014 CL
VERIFIED: 04/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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