



BARGE "KIRBY 10378"

ULLAGE TRIM TABLE

FORMERLY "S/R 108"

	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	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-0/8	01-0/8
2 CENTER	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/8	- 02-1/8
3 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8

(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 1 CENTER IS 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 156'-00"

August 6, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10378"

1 CENTER ULLAGE TABLE

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

FORMERLY "SR 108"

GAUGE HEIGHT 17'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,331.28	0	3,100.99	0	2,870.69	0	2,640.41	0	2,397.03	0	2,148.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,506.80	1/4	3,326.48	1/4	3,096.19	1/4	2,865.89	1/4	2,635.61	1/4	2,391.85	1/4	2,143.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,505.76	1/2	3,321.69	1/2	3,091.39	1/2	2,861.09	1/2	2,630.81	1/2	2,386.68	1/2	2,138.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,504.72	3/4	3,316.89	3/4	3,086.59	3/4	2,856.30	3/4	2,626.02	3/4	2,381.50	3/4	2,133.00
1	1	1	1	1	1	1	3,503.68	1	3,312.09	1	3,081.79	1	2,851.50	1	2,621.22	1	2,376.33	1	2,127.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,502.08	1/4	3,307.29	1/4	3,076.99	1/4	2,846.70	1/4	2,616.42	1/4	2,371.15	1/4	2,122.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,500.48	1/2	3,302.50	1/2	3,072.19	1/2	2,841.90	1/2	2,611.62	1/2	2,365.97	1/2	2,117.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,498.88	3/4	3,297.70	3/4	3,067.40	3/4	2,837.11	3/4	2,606.83	3/4	2,360.80	3/4	2,112.29
2	2	2	2	2	2	2	3,497.28	2	3,292.90	2	3,062.60	2	2,832.31	2	2,602.03	2	2,355.62	2	2,107.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,495.04	1/4	3,288.10	1/4	3,057.80	1/4	2,827.51	1/4	2,597.23	1/4	2,350.44	1/4	2,101.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,492.81	1/2	3,283.31	1/2	3,053.00	1/2	2,822.71	1/2	2,592.43	1/2	2,345.26	1/2	2,096.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,490.57	3/4	3,278.51	3/4	3,048.21	3/4	2,817.92	3/4	2,587.64	3/4	2,340.09	3/4	2,091.58
3	3	3	3	3	3	3	3,488.33	3	3,273.71	3	3,043.41	3	2,813.12	3	2,582.84	3	2,334.91	3	2,086.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,485.45	1/4	3,268.91	1/4	3,038.61	1/4	2,808.32	1/4	2,577.80	1/4	2,329.73	1/4	2,081.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,482.57	1/2	3,264.11	1/2	3,033.81	1/2	2,803.52	1/2	2,572.77	1/2	2,324.55	1/2	2,076.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,479.69	3/4	3,259.31	3/4	3,029.02	3/4	2,798.73	3/4	2,567.73	3/4	2,319.38	3/4	2,070.87
4	4	4	4	4	4	4	3,476.81	4	3,254.51	4	3,024.22	4	2,793.93	4	2,562.70	4	2,314.20	4	2,065.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,473.29	1/4	3,249.71	1/4	3,019.42	1/4	2,789.13	1/4	2,557.52	1/4	2,309.02	1/4	2,060.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,469.78	1/2	3,244.92	1/2	3,014.62	1/2	2,784.33	1/2	2,552.34	1/2	2,303.84	1/2	2,055.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,466.26	3/4	3,240.12	3/4	3,009.83	3/4	2,779.54	3/4	2,547.17	3/4	2,298.67	3/4	2,050.16
5	5	5	5	5	5	5	3,462.74	5	3,235.32	5	3,005.03	5	2,774.74	5	2,541.99	5	2,293.49	5	2,044.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,458.58	1/4	3,230.52	1/4	3,000.23	1/4	2,769.94	1/4	2,536.81	1/4	2,288.31	1/4	2,039.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,454.43	1/2	3,225.73	1/2	2,995.43	1/2	2,765.14	1/2	2,531.63	1/2	2,283.13	1/2	2,034.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,450.27	3/4	3,220.93	3/4	2,990.64	3/4	2,760.35	3/4	2,526.46	3/4	2,277.96	3/4	2,029.45
6	6	6	6	6	6	6	3,446.11	6	3,216.13	6	2,985.84	6	2,755.55	6	2,521.28	6	2,272.78	6	2,024.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,441.39	1/4	3,211.33	1/4	2,981.04	1/4	2,750.75	1/4	2,516.10	1/4	2,267.60	1/4	2,019.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,436.67	1/2	3,206.54	1/2	2,976.24	1/2	2,745.95	1/2	2,510.93	1/2	2,262.43	1/2	2,013.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,431.95	3/4	3,201.74	3/4	2,971.45	3/4	2,741.16	3/4	2,505.75	3/4	2,257.25	3/4	2,008.74
7	7	7	7	7	7	7	3,427.23	7	3,196.94	7	2,966.65	7	2,736.36	7	2,500.58	7	2,252.08	7	2,003.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,422.43	1/4	3,192.14	1/4	2,961.85	1/4	2,731.56	1/4	2,495.40	1/4	2,246.90	1/4	1,998.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,417.64	1/2	3,187.34	1/2	2,957.05	1/2	2,726.76	1/2	2,490.22	1/2	2,241.72	1/2	1,993.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,412.84	3/4	3,182.55	3/4	2,952.26	3/4	2,721.97	3/4	2,485.05	3/4	2,236.55	3/4	1,988.03
8	8	8	8	8	8	8	3,408.04	8	3,177.75	8	2,947.46	8	2,717.17	8	2,479.87	8	2,231.37	8	1,982.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,403.24	1/4	3,172.95	1/4	2,942.66	1/4	2,712.37	1/4	2,474.69	1/4	2,226.19	1/4	1,977.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,398.45	1/2	3,168.15	1/2	2,937.86	1/2	2,707.57	1/2	2,469.51	1/2	2,221.01	1/2	1,972.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,393.65	3/4	3,163.36	3/4	2,933.07	3/4	2,702.78	3/4	2,464.34	3/4	2,215.84	3/4	1,967.32
9	9	9	9	9	9	9	3,388.85	9	3,158.56	9	2,928.27	9	2,697.98	9	2,459.16	9	2,210.66	9	1,962.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,384.05	1/4	3,153.76	1/4	2,923.47	1/4	2,693.18	1/4	2,453.98	1/4	2,205.48	1/4	1,956.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,379.26	1/2	3,148.96	1/2	2,918.67	1/2	2,688.38	1/2	2,448.80	1/2	2,200.30	1/2	1,951.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,374.46	3/4	3,144.17	3/4	2,913.88	3/4	2,683.59	3/4	2,443.63	3/4	2,195.13	3/4	1,946.61
10	10	10	10	10	10	10	3,369.66	10	3,139.37	10	2,909.08	10	2,678.79	10	2,438.45	10	2,189.95	10	1,941.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,364.86	1/4	3,134.57	1/4	2,904.28	1/4	2,673.99	1/4	2,433.27	1/4	2,184.77	1/4	1,936.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,360.07	1/2	3,129.77	1/2	2,899.48	1/2	2,669.19	1/2	2,428.09	1/2	2,179.59	1/2	1,931.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,355.27	3/4	3,124.98	3/4	2,894.69	3/4	2,664.40	3/4	2,422.92	3/4	2,174.42	3/4	1,925.90
11	11	11	11	11	11	11	3,350.47	11	3,120.18	11	2,889.89	11	2,659.60	11	2,417.74	11	2,169.24	11	1,920.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,345.67	1/4	3,115.38	1/4	2,885.09	1/4	2,654.80	1/4	2,412.56	1/4	2,164.06	1/4	1,915.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,340.88	1/2	3,110.58	1/2	2,880.29	1/2	2,650.00	1/2	2,407.38	1/2	2,158.88	1/2	1,910.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,336.08	3/4	3,105.79	3/4	2,875.49	3/4	2,645.21	3/4	2,402.21	3/4	2,153.71	3/4	1,905.18

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API 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 OBSERVED WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 10378"

1 CENTER ULLAGE TABLE

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

FORMERLY "SR 108"

GAUGE HEIGHT 17'-09"

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	1,900.00	0	1,651.47	0	1,402.96	0	1,154.44	0	905.92	0	657.60	0	409.34	0	160.85	0			0
1/4	1,894.82	1/4	1,646.29	1/4	1,397.78	1/4	1,149.26	1/4	900.74	1/4	652.43	1/4	404.16	1/4	155.68	1/4			1/4
1/2	1,889.65	1/2	1,641.11	1/2	1,392.60	1/2	1,144.08	1/2	895.56	1/2	647.26	1/2	398.98	1/2	150.51	1/2			1/2
3/4	1,884.47	3/4	1,635.94	3/4	1,387.43	3/4	1,138.91	3/4	890.39	3/4	642.10	3/4	393.81	3/4	145.34	3/4			3/4
1	1,879.29	1	1,630.76	1	1,382.25	1	1,133.73	1	885.21	1	636.93	1	388.63	1	140.17	1			1
1/4	1,874.11	1/4	1,625.58	1/4	1,377.07	1/4	1,128.55	1/4	880.03	1/4	631.76	1/4	383.45	1/4	135.00	1/4			1/4
1/2	1,868.94	1/2	1,620.40	1/2	1,371.89	1/2	1,123.37	1/2	874.85	1/2	626.60	1/2	378.27	1/2	129.82	1/2			1/2
3/4	1,863.76	3/4	1,615.23	3/4	1,366.72	3/4	1,118.20	3/4	869.68	3/4	621.43	3/4	373.10	3/4	124.65	3/4			3/4
2	1,858.58	2	1,610.05	2	1,361.54	2	1,113.02	2	864.50	2	616.27	2	367.92	2	119.48	2			2
1/4	1,853.40	1/4	1,604.87	1/4	1,356.36	1/4	1,107.84	1/4	859.32	1/4	611.10	1/4	362.74	1/4	114.31	1/4			1/4
1/2	1,848.23	1/2	1,599.69	1/2	1,351.18	1/2	1,102.66	1/2	854.14	1/2	605.93	1/2	357.56	1/2	109.14	1/2			1/2
3/4	1,843.05	3/4	1,594.52	3/4	1,346.01	3/4	1,097.49	3/4	848.97	3/4	600.77	3/4	352.39	3/4	103.97	3/4			3/4
3	1,837.87	3	1,589.34	3	1,340.83	3	1,092.31	3	843.79	3	595.60	3	347.21	3	98.80	3			3
1/4	1,832.69	1/4	1,584.16	1/4	1,335.65	1/4	1,087.13	1/4	838.61	1/4	590.43	1/4	342.03	1/4	93.63	1/4			1/4
1/2	1,827.52	1/2	1,578.98	1/2	1,330.47	1/2	1,081.95	1/2	833.43	1/2	585.26	1/2	336.85	1/2	88.45	1/2			1/2
3/4	1,822.34	3/4	1,573.81	3/4	1,325.30	3/4	1,076.78	3/4	828.26	3/4	580.10	3/4	331.68	3/4	83.28	3/4			3/4
4	1,817.16	4	1,568.63	4	1,320.12	4	1,071.60	4	823.08	4	574.93	4	326.50	4	78.11	4			4
1/4	1,811.98	1/4	1,563.45	1/4	1,314.94	1/4	1,066.42	1/4	817.90	1/4	569.76	1/4	321.32	1/4	72.93	1/4			1/4
1/2	1,806.81	1/2	1,558.27	1/2	1,309.76	1/2	1,061.24	1/2	812.72	1/2	564.60	1/2	316.14	1/2	67.76	1/2			1/2
3/4	1,801.63	3/4	1,553.10	3/4	1,304.59	3/4	1,056.07	3/4	807.55	3/4	559.43	3/4	310.97	3/4	62.58	3/4			3/4
5	1,796.45	5	1,547.92	5	1,299.41	5	1,050.89	5	802.37	5	554.27	5	305.79	5	57.41	5			5
1/4	1,791.27	1/4	1,542.74	1/4	1,294.23	1/4	1,045.71	1/4	797.19	1/4	549.10	1/4	300.61	1/4	52.23	1/4			1/4
1/2	1,786.10	1/2	1,537.56	1/2	1,289.05	1/2	1,040.53	1/2	792.01	1/2	543.92	1/2	295.44	1/2	47.05	1/2			1/2
3/4	1,780.92	3/4	1,532.39	3/4	1,283.88	3/4	1,035.36	3/4	786.84	3/4	538.75	3/4	290.26	3/4	41.88	3/4			3/4
6	1,775.74	6	1,527.21	6	1,278.70	6	1,030.18	6	781.66	6	533.58	6	285.09	6	36.70	6			6
1/4	1,770.56	1/4	1,522.03	1/4	1,273.52	1/4	1,025.00	1/4	776.48	1/4	528.40	1/4	279.91	1/4	32.05	1/4			1/4
1/2	1,765.39	1/2	1,516.85	1/2	1,268.34	1/2	1,019.82	1/2	771.30	1/2	523.22	1/2	274.73	1/2	27.39	1/2			1/2
3/4	1,760.21	3/4	1,511.68	3/4	1,263.17	3/4	1,014.65	3/4	766.13	3/4	518.05	3/4	269.56	3/4	22.74	3/4			3/4
7	1,755.03	7	1,506.50	7	1,257.99	7	1,009.47	7	760.95	7	512.87	7	264.38	7	18.09	7			7
1/4	1,749.85	1/4	1,501.32	1/4	1,252.81	1/4	1,004.29	1/4	755.78	1/4	507.69	1/4	259.20	1/4	15.07	1/4			1/4
1/2	1,744.68	1/2	1,496.15	1/2	1,247.63	1/2	999.11	1/2	750.60	1/2	502.52	1/2	254.02	1/2	12.05	1/2			1/2
3/4	1,739.50	3/4	1,490.97	3/4	1,242.46	3/4	993.94	3/4	745.43	3/4	497.34	3/4	248.85	3/4	9.03	3/4			3/4
8	1,734.32	8	1,485.80	8	1,237.28	8	988.76	8	740.26	8	492.17	8	243.67	8	6.01	8			8
1/4	1,729.14	1/4	1,480.62	1/4	1,232.10	1/4	983.58	1/4	735.09	1/4	486.99	1/4	238.49	1/4	4.72	1/4			1/4
1/2	1,723.97	1/2	1,475.44	1/2	1,226.92	1/2	978.40	1/2	729.93	1/2	481.81	1/2	233.31	1/2	3.42	1/2			1/2
3/4	1,718.79	3/4	1,470.27	3/4	1,221.75	3/4	973.23	3/4	724.76	3/4	476.64	3/4	228.14	3/4	2.13	3/4			3/4
9	1,713.61	9	1,465.09	9	1,216.57	9	968.05	9	719.60	9	471.46	9	222.96	9	0.84	9			9
1/4	1,708.43	1/4	1,459.91	1/4	1,211.39	1/4	962.87	1/4	714.43	1/4	466.28	1/4	217.78	1/4		1/4			1/4
1/2	1,703.25	1/2	1,454.73	1/2	1,206.21	1/2	957.69	1/2	709.26	1/2	461.11	1/2	212.60	1/2		1/2			1/2
3/4	1,698.08	3/4	1,449.56	3/4	1,201.04	3/4	952.52	3/4	704.10	3/4	455.93	3/4	207.43	3/4		3/4			3/4
10	1,692.90	10	1,444.38	10	1,195.86	10	947.34	10	698.93	10	450.76	10	202.25	10		10			10
1/4	1,687.72	1/4	1,439.20	1/4	1,190.68	1/4	942.16	1/4	693.76	1/4	445.58	1/4	197.07	1/4		1/4			1/4
1/2	1,682.54	1/2	1,434.02	1/2	1,185.50	1/2	936.98	1/2	688.60	1/2	440.40	1/2	191.89	1/2		1/2			1/2
3/4	1,677.37	3/4	1,428.85	3/4	1,180.33	3/4	931.81	3/4	683.43	3/4	435.23	3/4	186.72	3/4		3/4			3/4
11	1,672.19	11	1,423.67	11	1,175.15	11	926.63	11	678.27	11	430.05	11	181.54	11		11			11
1/4	1,667.01	1/4	1,418.49	1/4	1,169.97	1/4	921.45	1/4	673.10	1/4	424.87	1/4	176.37	1/4		1/4			1/4
1/2	1,661.83	1/2	1,413.31	1/2	1,164.79	1/2	916.27	1/2	667.93	1/2	419.69	1/2	171.19	1/2		1/2			1/2
3/4	1,656.65	3/4	1,408.14	3/4	1,159.62	3/4	911.10	3/4	662.77	3/4	414.52	3/4	166.02	3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/25/1999 ITS
DECK MEASUREMENTS: 07/15/2004 CL
VERIFIED: 08/06/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2024

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



BARGE "KIRBY 10378"

2 CENTER ULLAGE TABLE

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

FORMERLY "SR 108"

GAUGE HEIGHT 17'-09 7/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,416.74	0	3,167.63	0	2,918.52	0	2,669.48	0	2,420.44	0	2,171.39
1/4		1/4		1/4		1/4		1/4	3,411.55	1/4	3,162.44	1/4	2,913.34	1/4	2,664.30	1/4	2,415.25	1/4	2,166.21
1/2		1/2		1/2		1/2		1/2	3,406.36	1/2	3,157.25	1/2	2,908.15	1/2	2,659.11	1/2	2,410.06	1/2	2,161.02
3/4		3/4		3/4		3/4		3/4	3,401.17	3/4	3,152.06	3/4	2,902.96	3/4	2,653.92	3/4	2,404.87	3/4	2,155.83
1	1	1	1	1	11/8	1	3,395.98	1	3,146.87	1	2,897.77	1	2,648.73	1	2,399.68	1	2,150.64		
1/4		1/4		1/4		1/4	3,587.90	1/4	3,390.79	1/4	3,141.68	1/4	2,892.59	1/4	2,643.54	1/4	2,394.50	1/4	2,145.45
1/2		1/2		1/2		1/2	3,586.82	1/2	3,385.60	1/2	3,136.49	1/2	2,887.40	1/2	2,638.35	1/2	2,389.31	1/2	2,140.26
3/4		3/4		3/4		3/4	3,585.60	3/4	3,380.41	3/4	3,131.30	3/4	2,882.21	3/4	2,633.16	3/4	2,384.12	3/4	2,135.07
2	2	2	2	2	2	2	3,584.10	2	3,375.22	2	3,126.11	2	2,877.02	2	2,627.97	2	2,378.93	2	2,129.88
1/4		1/4		1/4		1/4	3,582.45	1/4	3,370.03	1/4	3,120.92	1/4	2,871.83	1/4	2,622.79	1/4	2,373.75	1/4	2,124.70
1/2		1/2		1/2		1/2	3,580.81	1/2	3,364.84	1/2	3,115.73	1/2	2,866.64	1/2	2,617.60	1/2	2,368.56	1/2	2,119.51
3/4		3/4		3/4		3/4	3,578.99	3/4	3,359.65	3/4	3,110.54	3/4	2,861.45	3/4	2,612.41	3/4	2,363.37	3/4	2,114.32
3	3	3	3	3	3	3	3,576.83	3	3,354.46	3	3,105.35	3	2,856.26	3	2,607.22	3	2,358.18	3	2,109.13
1/4		1/4		1/4		1/4	3,574.49	1/4	3,349.27	1/4	3,100.16	1/4	2,851.08	1/4	2,602.04	1/4	2,352.99	1/4	2,103.94
1/2		1/2		1/2		1/2	3,572.16	1/2	3,344.08	1/2	3,094.97	1/2	2,845.89	1/2	2,596.85	1/2	2,347.80	1/2	2,098.75
3/4		3/4		3/4		3/4	3,569.65	3/4	3,338.89	3/4	3,089.78	3/4	2,840.70	3/4	2,591.66	3/4	2,342.61	3/4	2,093.56
4	4	4	4	4	4	4	3,566.79	4	3,333.70	4	3,084.59	4	2,835.51	4	2,586.47	4	2,337.42	4	2,088.37
1/4		1/4		1/4		1/4	3,563.77	1/4	3,328.51	1/4	3,079.40	1/4	2,830.33	1/4	2,581.28	1/4	2,332.24	1/4	2,083.18
1/2		1/2		1/2		1/2	3,560.74	1/2	3,323.32	1/2	3,074.21	1/2	2,825.14	1/2	2,576.09	1/2	2,327.05	1/2	2,077.99
3/4		3/4		3/4		3/4	3,557.54	3/4	3,318.13	3/4	3,069.02	3/4	2,819.95	3/4	2,570.90	3/4	2,321.86	3/4	2,072.80
5	5	5	5	5	5	5	3,554.02	5	3,312.94	5	3,063.83	5	2,814.76	5	2,565.71	5	2,316.67	5	2,067.61
1/4		1/4		1/4		1/4	3,550.32	1/4	3,307.75	1/4	3,058.64	1/4	2,809.57	1/4	2,560.53	1/4	2,311.49	1/4	2,062.43
1/2		1/2		1/2		1/2	3,546.63	1/2	3,302.56	1/2	3,053.45	1/2	2,804.38	1/2	2,555.34	1/2	2,306.30	1/2	2,057.24
3/4		3/4		3/4		3/4	3,542.75	3/4	3,297.37	3/4	3,048.26	3/4	2,799.19	3/4	2,550.15	3/4	2,301.11	3/4	2,052.05
6	6	6	6	6	6	6	3,538.50	6	3,292.18	6	3,043.07	6	2,794.00	6	2,544.96	6	2,295.92	6	2,046.86
1/4		1/4		1/4		1/4	3,534.06	1/4	3,286.99	1/4	3,037.88	1/4	2,788.82	1/4	2,539.78	1/4	2,290.73	1/4	2,041.67
1/2		1/2		1/2		1/2	3,529.63	1/2	3,281.80	1/2	3,032.69	1/2	2,783.63	1/2	2,534.59	1/2	2,285.54	1/2	2,036.48
3/4		3/4		3/4		3/4	3,525.04	3/4	3,276.61	3/4	3,027.50	3/4	2,778.44	3/4	2,529.40	3/4	2,280.35	3/4	2,031.29
7	7	7	7	7	7	7	3,520.14	7	3,271.42	7	3,022.31	7	2,773.25	7	2,524.21	7	2,275.16	7	2,026.10
1/4		1/4		1/4		1/4	3,515.08	1/4	3,266.24	1/4	3,017.12	1/4	2,768.07	1/4	2,519.02	1/4	2,269.98	1/4	2,020.92
1/2		1/2		1/2		1/2	3,510.03	1/2	3,261.05	1/2	3,011.93	1/2	2,762.88	1/2	2,513.83	1/2	2,264.79	1/2	2,015.73
3/4		3/4		3/4		3/4	3,504.94	3/4	3,255.86	3/4	3,006.74	3/4	2,757.69	3/4	2,508.64	3/4	2,259.60	3/4	2,010.54
8	8	8	8	8	8	8	3,499.78	8	3,250.67	8	3,001.55	8	2,752.50	8	2,503.45	8	2,254.41	8	2,005.35
1/4		1/4		1/4		1/4	3,494.59	1/4	3,245.48	1/4	2,996.36	1/4	2,747.31	1/4	2,498.27	1/4	2,249.22	1/4	2,000.16
1/2		1/2		1/2		1/2	3,489.40	1/2	3,240.29	1/2	2,991.17	1/2	2,742.12	1/2	2,493.08	1/2	2,244.03	1/2	1,994.97
3/4		3/4		3/4		3/4	3,484.21	3/4	3,235.10	3/4	2,985.98	3/4	2,736.93	3/4	2,487.89	3/4	2,238.84	3/4	1,989.78
9	9	9	9	9	9	9	3,479.02	9	3,229.91	9	2,980.79	9	2,731.74	9	2,482.70	9	2,233.65	9	1,984.59
1/4		1/4		1/4		1/4	3,473.83	1/4	3,224.72	1/4	2,975.60	1/4	2,726.56	1/4	2,477.51	1/4	2,228.47	1/4	1,979.40
1/2		1/2		1/2		1/2	3,468.64	1/2	3,219.53	1/2	2,970.41	1/2	2,721.37	1/2	2,472.32	1/2	2,223.28	1/2	1,974.21
3/4		3/4		3/4		3/4	3,463.45	3/4	3,214.34	3/4	2,965.22	3/4	2,716.18	3/4	2,467.13	3/4	2,218.09	3/4	1,969.02
10	10	10	10	10	10	10	3,458.26	10	3,209.15	10	2,960.03	10	2,710.99	10	2,461.94	10	2,212.90	10	1,963.83
1/4		1/4		1/4		1/4	3,453.07	1/4	3,203.96	1/4	2,954.85	1/4	2,705.80	1/4	2,456.76	1/4	2,207.72	1/4	1,958.65
1/2		1/2		1/2		1/2	3,447.88	1/2	3,198.77	1/2	2,949.66	1/2	2,700.61	1/2	2,451.57	1/2	2,202.53	1/2	1,953.46
3/4		3/4		3/4		3/4	3,442.69	3/4	3,193.58	3/4	2,944.47	3/4	2,695.42	3/4	2,446.38	3/4	2,197.34	3/4	1,948.27
11	11	11	11	11	11	11	3,437.50	11	3,188.39	11	2,939.28	11	2,690.23	11	2,441.19	11	2,192.15	11	1,943.08
1/4		1/4		1/4		1/4	3,432.31	1/4	3,183.20	1/4	2,934.09	1/4	2,685.05	1/4	2,436.01	1/4	2,186.96	1/4	1,937.89
1/2		1/2		1/2		1/2	3,427.12	1/2	3,178.01	1/2	2,928.90	1/2	2,679.86	1/2	2,430.82	1/2	2,181.77	1/2	1,932.70
3/4		3/4		3/4		3/4	3,421.93	3/4	3,172.82	3/4	2,923.71	3/4	2,674.67	3/4	2,425.63	3/4	2,176.58	3/4	1,927.51

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API 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 OBSERVED WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 10378"

2 CENTER ULLAGE TABLE

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

FORMERLY "SR 108"

GAUGE HEIGHT 17'-09 7/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,922.32	0	1,673.25	0	1,424.19	0	1,175.12	0	926.06	0	677.16	0	428.39	0	179.35	0		0	
1/4	1,917.14	1/4	1,668.06	1/4	1,419.00	1/4	1,169.94	1/4	920.87	1/4	671.99	1/4	423.21	1/4	174.16	1/4		1/4	
1/2	1,911.95	1/2	1,662.87	1/2	1,413.81	1/2	1,164.75	1/2	915.68	1/2	666.81	1/2	418.02	1/2	168.98	1/2		1/2	
3/4	1,906.76	3/4	1,657.68	3/4	1,408.62	3/4	1,159.56	3/4	910.49	3/4	661.63	3/4	412.83	3/4	163.79	3/4		3/4	
1	1,901.57	1	1,652.49	1	1,403.43	1	1,154.37	1	905.30	1	656.45	1	407.64	1	158.61	1		1	
1/4	1,896.38	1/4	1,647.31	1/4	1,398.25	1/4	1,149.18	1/4	900.12	1/4	651.27	1/4	402.45	1/4	153.43	1/4		1/4	
1/2	1,891.19	1/2	1,642.12	1/2	1,393.06	1/2	1,143.99	1/2	894.93	1/2	646.09	1/2	397.26	1/2	148.24	1/2		1/2	
3/4	1,886.00	3/4	1,636.93	3/4	1,387.87	3/4	1,138.80	3/4	889.74	3/4	640.91	3/4	392.07	3/4	143.06	3/4		3/4	
2	1,880.81	2	1,631.74	2	1,382.68	2	1,133.61	2	884.55	2	635.73	2	386.88	2	137.88	2		2	
1/4	1,875.62	1/4	1,626.55	1/4	1,377.49	1/4	1,128.43	1/4	879.36	1/4	630.56	1/4	381.70	1/4	132.70	1/4		1/4	
1/2	1,870.43	1/2	1,621.36	1/2	1,372.30	1/2	1,123.24	1/2	874.17	1/2	625.38	1/2	376.51	1/2	127.51	1/2		1/2	
3/4	1,865.24	3/4	1,616.17	3/4	1,367.11	3/4	1,118.05	3/4	868.98	3/4	620.20	3/4	371.32	3/4	122.33	3/4		3/4	
3	1,860.05	3	1,610.98	3	1,361.92	3	1,112.86	3	863.79	3	615.02	3	366.13	3	117.15	3		3	
1/4	1,854.87	1/4	1,605.80	1/4	1,356.73	1/4	1,107.67	1/4	858.61	1/4	609.85	1/4	360.94	1/4	111.97	1/4		1/4	
1/2	1,849.68	1/2	1,600.61	1/2	1,351.54	1/2	1,102.48	1/2	853.42	1/2	604.67	1/2	355.75	1/2	106.78	1/2		1/2	
3/4	1,844.49	3/4	1,595.42	3/4	1,346.35	3/4	1,097.29	3/4	848.23	3/4	599.49	3/4	350.56	3/4	101.60	3/4		3/4	
4	1,839.30	4	1,590.23	4	1,341.16	4	1,092.10	4	843.04	4	594.31	4	345.37	4	96.42	4		4	
1/4	1,834.11	1/4	1,585.04	1/4	1,335.98	1/4	1,086.92	1/4	837.85	1/4	589.14	1/4	340.19	1/4	91.24	1/4		1/4	
1/2	1,828.92	1/2	1,579.85	1/2	1,330.79	1/2	1,081.73	1/2	832.66	1/2	583.96	1/2	335.00	1/2	86.05	1/2		1/2	
3/4	1,823.73	3/4	1,574.66	3/4	1,325.60	3/4	1,076.54	3/4	827.47	3/4	578.78	3/4	329.81	3/4	80.87	3/4		3/4	
5	1,818.54	5	1,569.47	5	1,320.41	5	1,071.35	5	822.28	5	573.60	5	324.62	5	75.68	5		5	
1/4	1,813.36	1/4	1,564.29	1/4	1,315.22	1/4	1,066.16	1/4	817.10	1/4	568.43	1/4	319.44	1/4	70.50	1/4		1/4	
1/2	1,808.17	1/2	1,559.10	1/2	1,310.03	1/2	1,060.97	1/2	811.91	1/2	563.25	1/2	314.25	1/2	65.31	1/2		1/2	
3/4	1,802.98	3/4	1,553.91	3/4	1,304.84	3/4	1,055.78	3/4	806.72	3/4	558.07	3/4	309.06	3/4	60.12	3/4		3/4	
6	1,797.79	6	1,548.72	6	1,299.65	6	1,050.59	6	801.53	6	552.89	6	303.87	6	54.93	6		6	
1/4	1,792.60	1/4	1,543.53	1/4	1,294.47	1/4	1,045.41	1/4	796.34	1/4	547.71	1/4	298.68	1/4	49.75	1/4		1/4	
1/2	1,787.41	1/2	1,538.34	1/2	1,289.28	1/2	1,040.22	1/2	791.15	1/2	542.52	1/2	293.49	1/2	44.56	1/2		1/2	
3/4	1,782.22	3/4	1,533.15	3/4	1,284.09	3/4	1,035.03	3/4	785.96	3/4	537.34	3/4	288.30	3/4	39.46	3/4		3/4	
7	1,777.03	7	1,527.96	7	1,278.90	7	1,029.84	7	780.77	7	532.15	7	283.11	7	34.56	7		7	
1/4	1,771.84	1/4	1,522.78	1/4	1,273.71	1/4	1,024.65	1/4	775.59	1/4	526.97	1/4	277.93	1/4	29.75	1/4		1/4	
1/2	1,766.65	1/2	1,517.59	1/2	1,268.52	1/2	1,019.46	1/2	770.40	1/2	521.78	1/2	272.74	1/2	24.94	1/2		1/2	
3/4	1,761.46	3/4	1,512.40	3/4	1,263.33	3/4	1,014.27	3/4	765.21	3/4	516.59	3/4	267.55	3/4	20.52	3/4		3/4	
8	1,756.27	8	1,507.21	8	1,258.14	8	1,009.08	8	760.03	8	511.40	8	262.36	8	16.89	8		8	
1/4	1,751.09	1/4	1,502.02	1/4	1,252.96	1/4	1,003.90	1/4	754.84	1/4	506.22	1/4	257.17	1/4	13.65	1/4		1/4	
1/2	1,745.90	1/2	1,496.83	1/2	1,247.77	1/2	998.71	1/2	749.66	1/2	501.03	1/2	251.98	1/2	10.40	1/2		1/2	
3/4	1,740.71	3/4	1,491.64	3/4	1,242.58	3/4	993.52	3/4	744.47	3/4	495.84	3/4	246.79	3/4	7.62	3/4		3/4	
9	1,735.52	9	1,486.45	9	1,237.39	9	988.33	9	739.29	9	490.65	9	241.60	9	5.76	9		9	
1/4	1,730.33	1/4	1,481.27	1/4	1,232.20	1/4	983.14	1/4	734.12	1/4	485.47	1/4	236.42	1/4	4.35	1/4		1/4	
1/2	1,725.14	1/2	1,476.08	1/2	1,227.01	1/2	977.95	1/2	728.94	1/2	480.28	1/2	231.23	1/2	2.95	1/2		1/2	
3/4	1,719.95	3/4	1,470.89	3/4	1,221.82	3/4	972.76	3/4	723.76	3/4	475.09	3/4	226.04	3/4	1.54	3/4		3/4	
10	1,714.76	10	1,465.70	10	1,216.63	10	967.57	10	718.58	10	469.90	10	220.85	978	0.84	10		10	
1/4	1,709.58	1/4	1,460.51	1/4	1,211.45	1/4	962.39	1/4	713.41	1/4	464.71	1/4	215.67	1/4		1/4		1/4	
1/2	1,704.39	1/2	1,455.32	1/2	1,206.26	1/2	957.20	1/2	708.23	1/2	459.52	1/2	210.48	1/2		1/2		1/2	
3/4	1,699.20	3/4	1,450.13	3/4	1,201.07	3/4	952.01	3/4	703.05	3/4	454.33	3/4	205.29	3/4		3/4		3/4	
11	1,694.01	11	1,444.94	11	1,195.88	11	946.82	11	697.87	11	449.14	11	200.10	11		11		11	
1/4	1,688.82	1/4	1,439.76	1/4	1,190.69	1/4	941.63	1/4	692.70	1/4	443.96	1/4	194.91	1/4		1/4		1/4	
1/2	1,683.63	1/2	1,434.57	1/2	1,185.50	1/2	936.44	1/2	687.52	1/2	438.77	1/2	189.72	1/2		1/2		1/2	
3/4	1,678.44	3/4	1,429.38	3/4	1,180.31	3/4	931.25	3/4	682.34	3/4	433.58	3/4	184.53	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/25/1999 ITS
DECK MEASUREMENTS: 07/15/2004 CL
VERIFIED: 08/06/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2024

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



BARGE "KIRBY 10378"

3 CENTER ULLAGE TABLE

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

FORMERLY "SR 108"

GAUGE HEIGHT 17'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		1/8	3,594.59	0	3,404.01	0	3,154.50	0	2,905.00	0	2,655.56	0	2,406.12	0	2,156.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,594.09	1/4	3,398.81	1/4	3,149.30	1/4	2,899.80	1/4	2,650.36	1/4	2,400.92	1/4	2,151.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,593.10	1/2	3,393.61	1/2	3,144.10	1/2	2,894.61	1/2	2,645.17	1/2	2,395.73	1/2	2,146.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,592.10	3/4	3,388.41	3/4	3,138.90	3/4	2,889.41	3/4	2,639.97	3/4	2,390.53	3/4	2,141.09
1	1	1	1	1	1	1	3,590.54	1	3,383.21	1	3,133.70	1	2,884.21	1	2,634.77	1	2,385.33	1	2,135.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,588.98	1/4	3,378.02	1/4	3,128.50	1/4	2,879.02	1/4	2,629.57	1/4	2,380.13	1/4	2,130.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,587.42	1/2	3,372.82	1/2	3,123.31	1/2	2,873.82	1/2	2,624.38	1/2	2,374.94	1/2	2,125.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,585.86	3/4	3,367.62	3/4	3,118.11	3/4	2,868.63	3/4	2,619.18	3/4	2,369.74	3/4	2,120.30
2	2	2	2	2	2	2	3,583.61	2	3,362.42	2	3,112.91	2	2,863.43	2	2,613.98	2	2,364.54	2	2,115.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,581.36	1/4	3,357.23	1/4	3,107.71	1/4	2,858.23	1/4	2,608.79	1/4	2,359.35	1/4	2,109.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,579.10	1/2	3,352.03	1/2	3,102.52	1/2	2,853.04	1/2	2,603.59	1/2	2,354.15	1/2	2,104.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,576.85	3/4	3,346.83	3/4	3,097.32	3/4	2,847.84	3/4	2,598.40	3/4	2,348.96	3/4	2,099.51
3	3	3	3	3	3	3	3,573.91	3	3,341.63	3	3,092.12	3	2,842.64	3	2,593.20	3	2,343.76	3	2,094.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,570.96	1/4	3,336.44	1/4	3,086.92	1/4	2,837.44	1/4	2,588.00	1/4	2,338.56	1/4	2,089.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,568.02	1/2	3,331.24	1/2	3,081.73	1/2	2,832.25	1/2	2,582.81	1/2	2,333.37	1/2	2,083.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,565.07	3/4	3,326.04	3/4	3,076.53	3/4	2,827.05	3/4	2,577.61	3/4	2,328.17	3/4	2,078.72
4	4	4	4	4	4	4	3,561.43	4	3,320.84	4	3,071.33	4	2,821.85	4	2,572.41	4	2,322.97	4	2,073.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,557.79	1/4	3,315.64	1/4	3,066.13	1/4	2,816.66	1/4	2,567.21	1/4	2,317.77	1/4	2,068.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,554.15	1/2	3,310.44	1/2	3,060.93	1/2	2,811.46	1/2	2,562.02	1/2	2,312.58	1/2	2,063.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,550.51	3/4	3,305.24	3/4	3,055.73	3/4	2,806.27	3/4	2,556.82	3/4	2,307.38	3/4	2,057.93
5	5	5	5	5	5	5	3,546.18	5	3,300.04	5	3,050.53	5	2,801.07	5	2,551.62	5	2,302.18	5	2,052.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,541.85	1/4	3,294.85	1/4	3,045.33	1/4	2,795.87	1/4	2,546.43	1/4	2,296.99	1/4	2,047.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,537.51	1/2	3,289.65	1/2	3,040.14	1/2	2,790.68	1/2	2,541.23	1/2	2,291.79	1/2	2,042.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,533.18	3/4	3,284.45	3/4	3,034.94	3/4	2,785.48	3/4	2,536.04	3/4	2,286.60	3/4	2,037.14
6	6	6	6	6	6	6	3,528.18	6	3,279.25	6	3,029.74	6	2,780.28	6	2,530.84	6	2,281.40	6	2,031.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,523.18	1/4	3,274.05	1/4	3,024.54	1/4	2,775.08	1/4	2,525.64	1/4	2,276.20	1/4	2,026.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,518.17	1/2	3,268.86	1/2	3,019.35	1/2	2,769.89	1/2	2,520.45	1/2	2,271.01	1/2	2,021.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,513.17	3/4	3,263.66	3/4	3,014.15	3/4	2,764.69	3/4	2,515.25	3/4	2,265.81	3/4	2,016.35
7	7	7	7	7	7	7	3,507.97	7	3,258.46	7	3,008.95	7	2,759.49	7	2,510.05	7	2,260.61	7	2,011.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,502.78	1/4	3,253.26	1/4	3,003.75	1/4	2,754.30	1/4	2,504.85	1/4	2,255.41	1/4	2,005.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,497.58	1/2	3,248.07	1/2	2,998.56	1/2	2,749.10	1/2	2,499.66	1/2	2,250.22	1/2	2,000.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,492.38	3/4	3,242.87	3/4	2,993.36	3/4	2,743.91	3/4	2,494.46	3/4	2,245.02	3/4	1,995.56
8	8	8	8	8	8	8	3,487.18	8	3,237.67	8	2,988.16	8	2,738.71	8	2,489.26	8	2,239.82	8	1,990.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,481.98	1/4	3,232.47	1/4	2,982.96	1/4	2,733.51	1/4	2,484.07	1/4	2,234.63	1/4	1,985.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,476.78	1/2	3,227.27	1/2	2,977.76	1/2	2,728.32	1/2	2,478.87	1/2	2,229.43	1/2	1,979.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,471.58	3/4	3,222.07	3/4	2,972.56	3/4	2,723.12	3/4	2,473.68	3/4	2,224.24	3/4	1,974.77
9	9	9	9	9	9	9	3,466.38	9	3,216.87	9	2,967.36	9	2,717.92	9	2,468.48	9	2,219.04	9	1,969.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,461.19	1/4	3,211.67	1/4	2,962.16	1/4	2,712.72	1/4	2,463.28	1/4	2,213.84	1/4	1,964.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,455.99	1/2	3,206.48	1/2	2,956.97	1/2	2,707.53	1/2	2,458.09	1/2	2,208.65	1/2	1,959.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,450.79	3/4	3,201.28	3/4	2,951.77	3/4	2,702.33	3/4	2,452.89	3/4	2,203.45	3/4	1,953.98
10	10	10	10	10	10	10	3,445.59	10	3,196.08	10	2,946.57	10	2,697.13	10	2,447.69	10	2,198.25	10	1,948.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,440.40	1/4	3,190.88	1/4	2,941.38	1/4	2,691.94	1/4	2,442.49	1/4	2,193.05	1/4	1,943.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,435.20	1/2	3,185.69	1/2	2,936.18	1/2	2,686.74	1/2	2,437.30	1/2	2,187.86	1/2	1,938.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,430.00	3/4	3,180.49	3/4	2,930.99	3/4	2,681.55	3/4	2,432.10	3/4	2,182.66	3/4	1,933.19
11	11	11	11	11	11	11	3,424.80	11	3,175.29	11	2,925.79	11	2,676.35	11	2,426.90	11	2,177.46	11	1,927.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,419.61	1/4	3,170.09	1/4	2,920.59	1/4	2,671.15	1/4	2,421.71	1/4	2,172.26	1/4	1,922.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,414.41	1/2	3,164.90	1/2	2,915.40	1/2	2,665.96	1/2	2,416.51	1/2	2,167.07	1/2	1,917.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,409.21	3/4	3,159.70	3/4	2,910.20	3/4	2,660.76	3/4	2,411.32	3/4	2,161.87	3/4	1,912.40

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API 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 OBSERVED WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 29'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 10378"

3 CENTER ULLAGE TABLE

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

FORMERLY "SR 108"

GAUGE HEIGHT 17'-09"

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	1,907.20	0	1,657.73	0	1,408.27	0	1,158.81	0	909.35	0	660.09	0	410.88	0	161.46	0			
1/4	1,902.00	1/4	1,652.53	1/4	1,403.07	1/4	1,153.61	1/4	904.15	1/4	654.90	1/4	405.69	1/4	156.27	1/4			
1/2	1,896.81	1/2	1,647.34	1/2	1,397.88	1/2	1,148.42	1/2	898.96	1/2	649.72	1/2	400.49	1/2	151.08	1/2			
3/4	1,891.61	3/4	1,642.14	3/4	1,392.68	3/4	1,143.22	3/4	893.76	3/4	644.53	3/4	395.30	3/4	145.89	3/4			
1	1,886.41	1	1,636.94	1	1,387.48	1	1,138.02	1	888.56	1	639.34	1	390.10	1	140.70	1			
1/4	1,881.21	1/4	1,631.74	1/4	1,382.28	1/4	1,132.82	1/4	883.36	1/4	634.16	1/4	384.90	1/4	135.50	1/4			
1/2	1,876.02	1/2	1,626.55	1/2	1,377.09	1/2	1,127.63	1/2	878.17	1/2	628.97	1/2	379.71	1/2	130.31	1/2			
3/4	1,870.82	3/4	1,621.35	3/4	1,371.89	3/4	1,122.43	3/4	872.97	3/4	623.79	3/4	374.51	3/4	125.12	3/4			
2	1,865.62	2	1,616.15	2	1,366.69	2	1,117.23	2	867.77	2	618.60	2	369.31	2	119.93	2			
1/4	1,860.43	1/4	1,610.96	1/4	1,361.50	1/4	1,112.04	1/4	862.57	1/4	613.41	1/4	364.11	1/4	114.74	1/4			
1/2	1,855.23	1/2	1,605.76	1/2	1,356.30	1/2	1,106.84	1/2	857.38	1/2	608.23	1/2	358.92	1/2	109.55	1/2			
3/4	1,850.04	3/4	1,600.57	3/4	1,351.11	3/4	1,101.65	3/4	852.18	3/4	603.04	3/4	353.72	3/4	104.36	3/4			
3	1,844.84	3	1,595.37	3	1,345.91	3	1,096.45	3	846.98	3	597.85	3	348.52	3	99.17	3			
1/4	1,839.64	1/4	1,590.17	1/4	1,340.71	1/4	1,091.25	1/4	841.78	1/4	592.67	1/4	343.33	1/4	93.97	1/4			
1/2	1,834.45	1/2	1,584.98	1/2	1,335.52	1/2	1,086.06	1/2	836.59	1/2	587.48	1/2	338.13	1/2	88.78	1/2			
3/4	1,829.25	3/4	1,579.78	3/4	1,330.32	3/4	1,080.86	3/4	831.39	3/4	582.30	3/4	332.94	3/4	83.59	3/4			
4	1,824.05	4	1,574.58	4	1,325.12	4	1,075.66	4	826.19	4	577.11	4	327.74	4	78.40	4			
1/4	1,818.85	1/4	1,569.38	1/4	1,319.92	1/4	1,070.46	1/4	821.00	1/4	571.92	1/4	322.54	1/4	73.20	1/4			
1/2	1,813.66	1/2	1,564.19	1/2	1,314.73	1/2	1,065.27	1/2	815.80	1/2	566.74	1/2	317.35	1/2	68.01	1/2			
3/4	1,808.46	3/4	1,558.99	3/4	1,309.53	3/4	1,060.07	3/4	810.61	3/4	561.55	3/4	312.15	3/4	62.82	3/4			
5	1,803.26	5	1,553.79	5	1,304.33	5	1,054.87	5	805.41	5	556.36	5	306.95	5	57.62	5			
1/4	1,798.06	1/4	1,548.59	1/4	1,299.13	1/4	1,049.67	1/4	800.21	1/4	551.17	1/4	301.75	1/4	52.42	1/4			
1/2	1,792.87	1/2	1,543.40	1/2	1,293.94	1/2	1,044.48	1/2	795.02	1/2	545.98	1/2	296.56	1/2	47.23	1/2			
3/4	1,787.67	3/4	1,538.20	3/4	1,288.74	3/4	1,039.28	3/4	789.82	3/4	540.79	3/4	291.36	3/4	42.03	3/4			
6	1,782.47	6	1,533.00	6	1,283.54	6	1,034.08	6	784.62	6	535.59	6	286.16	6	37.09	6			
1/4	1,777.27	1/4	1,527.80	1/4	1,278.34	1/4	1,028.88	1/4	779.42	1/4	530.40	1/4	280.96	1/4	32.15	1/4			
1/2	1,772.08	1/2	1,522.61	1/2	1,273.15	1/2	1,023.69	1/2	774.23	1/2	525.20	1/2	275.77	1/2	27.21	1/2			
3/4	1,766.88	3/4	1,517.41	3/4	1,267.95	3/4	1,018.49	3/4	769.03	3/4	520.01	3/4	270.57	3/4	22.27	3/4			
7	1,761.68	7	1,512.21	7	1,262.75	7	1,013.29	7	763.84	7	514.81	7	265.37	7	18.80	7			
1/4	1,756.48	1/4	1,507.01	1/4	1,257.55	1/4	1,008.09	1/4	758.64	1/4	509.62	1/4	260.18	1/4	15.34	1/4			
1/2	1,751.29	1/2	1,501.82	1/2	1,252.36	1/2	1,002.90	1/2	753.45	1/2	504.42	1/2	254.98	1/2	11.87	1/2			
3/4	1,746.09	3/4	1,496.62	3/4	1,247.16	3/4	997.70	3/4	748.26	3/4	499.23	3/4	249.79	3/4	8.41	3/4			
8	1,740.89	8	1,491.42	8	1,241.96	8	992.50	8	743.07	8	494.03	8	244.59	8	6.68	8			
1/4	1,735.69	1/4	1,486.23	1/4	1,236.77	1/4	987.30	1/4	737.88	1/4	488.83	1/4	239.39	1/4	4.95	1/4			
1/2	1,730.50	1/2	1,481.03	1/2	1,231.57	1/2	982.11	1/2	732.70	1/2	483.64	1/2	234.20	1/2	3.22	1/2			
3/4	1,725.30	3/4	1,475.84	3/4	1,226.38	3/4	976.91	3/4	727.51	3/4	478.44	3/4	229.00	3/4	1.49	3/4			
9	1,720.10	9	1,470.64	9	1,221.18	9	971.71	9	722.32	9	473.24	9	223.80	9	0.84	9			
1/4	1,714.90	1/4	1,465.44	1/4	1,215.98	1/4	966.52	1/4	717.14	1/4	468.05	1/4	218.60	1/4		1/4			
1/2	1,709.71	1/2	1,460.25	1/2	1,210.79	1/2	961.32	1/2	711.95	1/2	462.85	1/2	213.41	1/2		1/2			
3/4	1,704.51	3/4	1,455.05	3/4	1,205.59	3/4	956.13	3/4	706.77	3/4	457.66	3/4	208.21	3/4		3/4			
10	1,699.31	10	1,449.85	10	1,200.39	10	950.93	10	701.58	10	452.46	10	203.01	10		10			
1/4	1,694.11	1/4	1,444.65	1/4	1,195.19	1/4	945.73	1/4	696.39	1/4	447.26	1/4	197.81	1/4		1/4			
1/2	1,688.92	1/2	1,439.46	1/2	1,190.00	1/2	940.54	1/2	691.21	1/2	442.07	1/2	192.62	1/2		1/2			
3/4	1,683.72	3/4	1,434.26	3/4	1,184.80	3/4	935.34	3/4	686.02	3/4	436.87	3/4	187.42	3/4		3/4			
11	1,678.52	11	1,429.06	11	1,179.60	11	930.14	11	680.83	11	431.67	11	182.23	11		11			
1/4	1,673.32	1/4	1,423.86	1/4	1,174.40	1/4	924.94	1/4	675.65	1/4	426.47	1/4	177.03	1/4		1/4			
1/2	1,668.13	1/2	1,418.67	1/2	1,169.21	1/2	919.75	1/2	670.46	1/2	421.28	1/2	171.84	1/2		1/2			
3/4	1,662.93	3/4	1,413.47	3/4	1,164.01	3/4	914.55	3/4	665.28	3/4	416.08	3/4	166.65	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/25/1999 ITS
DECK MEASUREMENTS: 07/15/2004 CL
VERIFIED: 08/06/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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