



BARGE "KIRBY 10551"

ULLAGE TRIM TABLE

FORMERLY "S/R 102"

	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	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-7/8	- 01-7/8
3 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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

LENGTH BETWEEN DRAFT MARKS: 156'-00"

October 5, 2023

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

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"



BARGE "KIRBY 10551"

1 CENTER ULLAGE TABLE

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

FORMERLY "SR 102"

GAUGE HEIGHT 16'-11 1/8"

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	3,354.28	0	3,124.24	0	2,894.19	0	2,664.16	0	2,422.96	0	2,174.44	0	1,925.89		
1/4	1/4	1/4	1/4	1/4	1/4	3,349.49	1/4	3,119.45	1/4	2,889.40	1/4	2,659.37	1/4	2,417.78	1/4	2,169.26	1/4	1,920.71		
1/2	1/2	1/2	1/2	1/2	1/2	3,344.70	1/2	3,114.66	1/2	2,884.61	1/2	2,654.58	1/2	2,412.60	1/2	2,164.08	1/2	1,915.53		
3/4	3/4	3/4	3/4	3/4	3/4	3,339.90	3/4	3,109.86	3/4	2,879.81	3/4	2,649.78	3/4	2,407.42	3/4	2,158.90	3/4	1,910.35		
1	1	1	1	1	1	3,335.11	1	3,105.07	1	2,875.02	1	2,644.99	1	2,402.25	1	2,153.73	1	1,905.18		
1/4	1/4	1/4	1/4	1/4	1/4	3,330.32	1/4	3,100.28	1/4	2,870.23	1/4	2,640.20	1/4	2,397.07	1/4	2,148.55	1/4	1,900.00		
1/2	1/2	1/2	1/2	1/2	1/2	3,325.53	1/2	3,095.49	1/2	2,865.44	1/2	2,635.41	1/2	2,391.89	1/2	2,143.37	1/2	1,894.82		
3/4	3/4	3/4	3/4	3/4	3/4	3,320.73	3/4	3,090.69	3/4	2,860.64	3/4	2,630.61	3/4	2,386.71	3/4	2,138.19	3/4	1,889.64		
2	2	2 1/8	2	2	2	3,315.94	2	3,085.90	2	2,855.85	2	2,625.82	2	2,381.54	2	2,133.01	2	1,884.46		
1/4	1/4	1/4	1/4	1/4	1/4	3,481.15	1/4	3,311.15	1/4	3,081.11	1/4	2,851.06	1/4	2,621.03	1/4	2,376.36	1/4	2,127.83	1/4	1,879.28
1/2	1/2	1/2	1/2	1/2	1/2	3,480.83	1/2	3,306.36	1/2	3,076.32	1/2	2,846.27	1/2	2,616.24	1/2	2,371.18	1/2	2,122.65	1/2	1,874.10
3/4	3/4	3/4	3/4	3/4	3/4	3,480.31	3/4	3,301.56	3/4	3,071.52	3/4	2,841.48	3/4	2,611.44	3/4	2,366.00	3/4	2,117.47	3/4	1,868.92
3	3	3	3	3	3	3,479.68	3	3,296.77	3	3,066.73	3	2,836.69	3	2,606.65	3	2,360.83	3	2,112.30	3	1,863.75
1/4	1/4	1/4	1/4	1/4	1/4	3,478.91	1/4	3,291.98	1/4	3,061.94	1/4	2,831.90	1/4	2,601.86	1/4	2,355.65	1/4	2,107.12	1/4	1,858.57
1/2	1/2	1/2	1/2	1/2	1/2	3,477.82	1/2	3,287.19	1/2	3,057.15	1/2	2,827.11	1/2	2,597.07	1/2	2,350.47	1/2	2,101.94	1/2	1,853.39
3/4	3/4	3/4	3/4	3/4	3/4	3,476.57	3/4	3,282.39	3/4	3,052.35	3/4	2,822.31	3/4	2,592.27	3/4	2,345.29	3/4	2,096.76	3/4	1,848.21
4	4	4	4	4	4	3,475.33	4	3,277.60	4	3,047.56	4	2,817.52	4	2,587.48	4	2,340.12	4	2,091.59	4	1,843.04
1/4	1/4	1/4	1/4	1/4	1/4	3,473.91	1/4	3,272.81	1/4	3,042.76	1/4	2,812.73	1/4	2,582.64	1/4	2,334.94	1/4	2,086.41	1/4	1,837.86
1/2	1/2	1/2	1/2	1/2	1/2	3,472.14	1/2	3,268.02	1/2	3,037.97	1/2	2,807.94	1/2	2,577.71	1/2	2,329.76	1/2	2,081.23	1/2	1,832.68
3/4	3/4	3/4	3/4	3/4	3/4	3,470.19	3/4	3,263.22	3/4	3,033.17	3/4	2,803.14	3/4	2,572.72	3/4	2,324.58	3/4	2,076.05	3/4	1,827.50
5	5	5	5	5	5	3,468.24	5	3,258.43	5	3,028.38	5	2,798.35	5	2,567.74	5	2,319.41	5	2,070.88	5	1,822.32
1/4	1/4	1/4	1/4	1/4	1/4	3,466.11	1/4	3,253.64	1/4	3,023.59	1/4	2,793.56	1/4	2,562.70	1/4	2,314.23	1/4	2,065.70	1/4	1,817.14
1/2	1/2	1/2	1/2	1/2	1/2	3,463.63	1/2	3,248.85	1/2	3,018.80	1/2	2,788.77	1/2	2,557.57	1/2	2,309.05	1/2	2,060.52	1/2	1,811.96
3/4	3/4	3/4	3/4	3/4	3/4	3,460.96	3/4	3,244.05	3/4	3,014.00	3/4	2,783.97	3/4	2,552.39	3/4	2,303.87	3/4	2,055.34	3/4	1,806.78
6	6	6	6	6	6	3,458.30	6	3,239.26	6	3,009.21	6	2,779.18	6	2,547.22	6	2,298.70	6	2,050.16	6	1,801.61
1/4	1/4	1/4	1/4	1/4	1/4	3,455.46	1/4	3,234.47	1/4	3,004.42	1/4	2,774.39	1/4	2,542.04	1/4	2,293.52	1/4	2,044.98	1/4	1,796.43
1/2	1/2	1/2	1/2	1/2	1/2	3,452.27	1/2	3,229.68	1/2	2,999.63	1/2	2,769.59	1/2	2,536.86	1/2	2,288.34	1/2	2,039.80	1/2	1,791.25
3/4	3/4	3/4	3/4	3/4	3/4	3,448.89	3/4	3,224.88	3/4	2,994.83	3/4	2,764.79	3/4	2,531.68	3/4	2,283.16	3/4	2,034.62	3/4	1,786.07
7	7	7	7	7	7	3,445.52	7	3,220.09	7	2,990.04	7	2,760.00	7	2,526.51	7	2,277.99	7	2,029.45	7	1,780.90
1/4	1/4	1/4	1/4	1/4	1/4	3,441.97	1/4	3,215.30	1/4	2,985.25	1/4	2,755.20	1/4	2,521.33	1/4	2,272.81	1/4	2,024.27	1/4	1,775.72
1/2	1/2	1/2	1/2	1/2	1/2	3,438.07	1/2	3,210.51	1/2	2,980.46	1/2	2,750.41	1/2	2,516.15	1/2	2,267.63	1/2	2,019.09	1/2	1,770.54
3/4	3/4	3/4	3/4	3/4	3/4	3,433.98	3/4	3,205.71	3/4	2,975.66	3/4	2,745.62	3/4	2,510.97	3/4	2,262.45	3/4	2,013.91	3/4	1,765.36
8	8	8	8	8	8	3,429.90	8	3,200.92	8	2,970.87	8	2,740.84	8	2,505.80	8	2,257.28	8	2,008.74	8	1,760.19
1/4	1/4	1/4	1/4	1/4	1/4	3,425.66	1/4	3,196.13	1/4	2,966.08	1/4	2,736.05	1/4	2,500.62	1/4	2,252.10	1/4	2,003.56	1/4	1,755.01
1/2	1/2	1/2	1/2	1/2	1/2	3,421.12	1/2	3,191.34	1/2	2,961.29	1/2	2,731.26	1/2	2,495.44	1/2	2,246.92	1/2	1,998.38	1/2	1,749.83
3/4	3/4	3/4	3/4	3/4	3/4	3,416.41	3/4	3,186.54	3/4	2,956.49	3/4	2,726.46	3/4	2,490.26	3/4	2,241.74	3/4	1,993.20	3/4	1,744.65
9	9	9	9	9	9	3,411.71	9	3,181.75	9	2,951.70	9	2,721.67	9	2,485.09	9	2,236.57	9	1,988.03	9	1,739.47
1/4	1/4	1/4	1/4	1/4	1/4	3,406.98	1/4	3,176.96	1/4	2,946.91	1/4	2,716.88	1/4	2,479.91	1/4	2,231.39	1/4	1,982.85	1/4	1,734.29
1/2	1/2	1/2	1/2	1/2	1/2	3,402.21	1/2	3,172.17	1/2	2,942.12	1/2	2,712.09	1/2	2,474.73	1/2	2,226.21	1/2	1,977.67	1/2	1,729.11
3/4	3/4	3/4	3/4	3/4	3/4	3,397.41	3/4	3,167.37	3/4	2,937.32	3/4	2,707.29	3/4	2,469.55	3/4	2,221.03	3/4	1,972.49	3/4	1,723.93
10	10	10	10	10	10	3,392.62	10	3,162.58	10	2,932.53	10	2,702.50	10	2,464.38	10	2,215.86	10	1,967.31	10	1,718.76
1/4	1/4	1/4	1/4	1/4	1/4	3,387.83	1/4	3,157.79	1/4	2,927.74	1/4	2,697.71	1/4	2,459.20	1/4	2,210.68	1/4	1,962.13	1/4	1,713.58
1/2	1/2	1/2	1/2	1/2	1/2	3,383.04	1/2	3,153.00	1/2	2,922.95	1/2	2,692.92	1/2	2,454.02	1/2	2,205.50	1/2	1,956.95	1/2	1,708.40
3/4	3/4	3/4	3/4	3/4	3/4	3,378.24	3/4	3,148.20	3/4	2,918.15	3/4	2,688.12	3/4	2,448.84	3/4	2,200.32	3/4	1,951.77	3/4	1,703.22
11	11	11	11	11	11	3,373.45	11	3,143.41	11	2,913.36	11	2,683.33	11	2,443.67	11	2,195.15	11	1,946.60	11	1,698.05
1/4	1/4	1/4	1/4	1/4	1/4	3,368.66	1/4	3,138.62	1/4	2,908.57	1/4	2,678.54	1/4	2,438.49	1/4	2,189.97	1/4	1,941.42	1/4	1,692.87
1/2	1/2	1/2	1/2	1/2	1/2	3,363.87	1/2	3,133.83	1/2	2,903.78	1/2	2,673.75	1/2	2,433.31	1/2	2,184.79	1/2	1,936.24	1/2	1,687.69
3/4	3/4	3/4	3/4	3/4	3/4	3,359.07	3/4	3,129.03	3/4	2,898.98	3/4	2,668.95	3/4	2,428.13	3/4	2,179.61	3/4	1,931.06	3/4	1,682.51

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 24'-09" 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 10551"

1 CENTER ULLAGE TABLE

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

FORMERLY "SR 102"

GAUGE HEIGHT 16'-11 1/8"

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	1,677.34	0	1,428.79	0	1,180.25	0	931.71	0	683.29	0	435.08	0	186.55	0		0		0	
1/4	1,672.16	1/4	1,423.61	1/4	1,175.07	1/4	926.53	1/4	678.12	1/4	429.90	1/4	181.37	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,666.98	1/2	1,418.43	1/2	1,169.89	1/2	921.35	1/2	672.95	1/2	424.72	1/2	176.19	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,661.80	3/4	1,413.25	3/4	1,164.71	3/4	916.17	3/4	667.78	3/4	419.54	3/4	171.01	3/4	3/4	3/4	3/4	3/4	3/4
1	1,656.62	1	1,408.08	1	1,159.54	1	911.00	1	662.62	1	414.37	1	165.84	1		1		1	
1/4	1,651.44	1/4	1,402.90	1/4	1,154.36	1/4	905.82	1/4	657.45	1/4	409.19	1/4	160.66	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,646.26	1/2	1,397.72	1/2	1,149.18	1/2	900.64	1/2	652.28	1/2	404.01	1/2	155.48	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,641.08	3/4	1,392.54	3/4	1,144.00	3/4	895.46	3/4	647.11	3/4	398.83	3/4	150.30	3/4	3/4	3/4	3/4	3/4	3/4
2	1,635.91	2	1,387.37	2	1,138.83	2	890.28	2	641.95	2	393.66	2	145.13	2		2		2	
1/4	1,630.73	1/4	1,382.19	1/4	1,133.65	1/4	885.10	1/4	636.78	1/4	388.48	1/4	139.95	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,625.55	1/2	1,377.01	1/2	1,128.47	1/2	879.92	1/2	631.61	1/2	383.30	1/2	134.77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,620.37	3/4	1,371.83	3/4	1,123.29	3/4	874.74	3/4	626.44	3/4	378.12	3/4	129.59	3/4	3/4	3/4	3/4	3/4	3/4
3	1,615.20	3	1,366.66	3	1,118.12	3	869.57	3	621.28	3	372.95	3	124.42	3		3		3	
1/4	1,610.02	1/4	1,361.48	1/4	1,112.94	1/4	864.39	1/4	616.11	1/4	367.77	1/4	119.24	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,604.84	1/2	1,356.30	1/2	1,107.76	1/2	859.21	1/2	610.94	1/2	362.59	1/2	114.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,599.66	3/4	1,351.12	3/4	1,102.58	3/4	854.03	3/4	605.77	3/4	357.41	3/4	108.89	3/4	3/4	3/4	3/4	3/4	3/4
4	1,594.49	4	1,345.95	4	1,097.40	4	848.86	4	600.61	4	352.24	4	103.72	4		4		4	
1/4	1,589.31	1/4	1,340.77	1/4	1,092.22	1/4	843.68	1/4	595.44	1/4	347.06	1/4	98.56	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,584.13	1/2	1,335.59	1/2	1,087.04	1/2	838.50	1/2	590.27	1/2	341.88	1/2	93.43	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,578.95	3/4	1,330.41	3/4	1,081.86	3/4	833.32	3/4	585.10	3/4	336.70	3/4	88.31	3/4	3/4	3/4	3/4	3/4	3/4
5	1,573.77	5	1,325.23	5	1,076.69	5	828.15	5	579.94	5	331.53	5	83.20	5		5		5	
1/4	1,568.59	1/4	1,320.05	1/4	1,071.51	1/4	822.97	1/4	574.77	1/4	326.35	1/4	78.13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,563.41	1/2	1,314.87	1/2	1,066.33	1/2	817.79	1/2	569.60	1/2	321.17	1/2	73.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,558.23	3/4	1,309.69	3/4	1,061.15	3/4	812.61	3/4	564.43	3/4	315.99	3/4	68.22	3/4	3/4	3/4	3/4	3/4	3/4
6	1,553.06	6	1,304.52	6	1,055.98	6	807.44	6	559.27	6	310.82	6	63.29	6		6		6	
1/4	1,547.88	1/4	1,299.34	1/4	1,050.80	1/4	802.26	1/4	554.10	1/4	305.64	1/4	58.43	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,542.70	1/2	1,294.16	1/2	1,045.62	1/2	797.08	1/2	548.94	1/2	300.46	1/2	53.72	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,537.52	3/4	1,288.98	3/4	1,040.44	3/4	791.90	3/4	543.77	3/4	295.28	3/4	49.08	3/4	3/4	3/4	3/4	3/4	3/4
7	1,532.35	7	1,283.81	7	1,035.27	7	786.72	7	538.61	7	290.10	7	44.44	7		7		7	
1/4	1,527.17	1/4	1,278.63	1/4	1,030.09	1/4	781.54	1/4	533.44	1/4	284.92	1/4	39.90	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,521.99	1/2	1,273.45	1/2	1,024.91	1/2	776.36	1/2	528.26	1/2	279.74	1/2	35.54	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,516.81	3/4	1,268.27	3/4	1,019.73	3/4	771.18	3/4	523.08	3/4	274.56	3/4	31.28	3/4	3/4	3/4	3/4	3/4	3/4
8	1,511.64	8	1,263.10	8	1,014.56	8	766.01	8	517.91	8	269.39	8	27.03	8		8		8	
1/4	1,506.46	1/4	1,257.92	1/4	1,009.38	1/4	760.83	1/4	512.73	1/4	264.21	1/4	23.04	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,501.28	1/2	1,252.74	1/2	1,004.20	1/2	755.65	1/2	507.55	1/2	259.03	1/2	19.58	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,496.10	3/4	1,247.56	3/4	999.02	3/4	750.47	3/4	502.37	3/4	253.85	3/4	16.39	3/4	3/4	3/4	3/4	3/4	3/4
9	1,490.93	9	1,242.39	9	993.84	9	745.30	9	497.20	9	248.68	9	13.20	9		9		9	
1/4	1,485.75	1/4	1,237.21	1/4	988.66	1/4	740.12	1/4	492.02	1/4	243.50	1/4	10.35	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,480.57	1/2	1,232.03	1/2	983.48	1/2	734.95	1/2	486.85	1/2	238.32	1/2	8.17	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,475.39	3/4	1,226.85	3/4	978.30	3/4	729.78	3/4	481.67	3/4	233.14	3/4	6.32	3/4	3/4	3/4	3/4	3/4	3/4
10	1,470.22	10	1,221.67	10	973.13	10	724.62	10	476.50	10	227.97	10	4.48	10		10		10	
1/4	1,465.04	1/4	1,216.49	1/4	967.95	1/4	719.45	1/4	471.32	1/4	222.79	1/4	2.94	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,459.86	1/2	1,211.31	1/2	962.77	1/2	714.28	1/2	466.14	1/2	217.61	1/2	2.03	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,454.68	3/4	1,206.13	3/4	957.59	3/4	709.11	3/4	460.96	3/4	212.43	3/4	1.47	3/4	3/4	3/4	3/4	3/4	3/4
11	1,449.50	11	1,200.96	11	952.42	11	703.95	11	455.79	11	207.26	11	0.91	11		11		11	
1/4	1,444.32	1/4	1,195.78	1/4	947.24	1/4	698.78	1/4	450.61	1/4	202.08	1/4	0.62	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,439.14	1/2	1,190.60	1/2	942.06	1/2	693.62	1/2	445.43	1/2	196.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,433.96	3/4	1,185.42	3/4	936.88	3/4	688.45	3/4	440.25	3/4	191.72	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: ITS
VERIFIED: 10/05/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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



BARGE "KIRBY 10551"

2 CENTER ULLAGE TABLE

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

FORMERLY "SR 102"

GAUGE HEIGHT 16'-11 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		
0		0		0		0		0		0		0		0		0		0		
						3,422.25		3,173.61		2,924.99		2,676.43		2,427.86		2,179.30		1,930.71		
1/4	1/4	1/4	1/4	1/4	1/4	3,417.07	1/4	3,168.43	1/4	2,919.81	1/4	2,671.25	1/4	2,422.68	1/4	2,174.12	1/4	1,925.53		
1/2	1/2	1/2	1/2	1/2	1/2	3,411.89	1/2	3,163.25	1/2	2,914.63	1/2	2,666.07	1/2	2,417.50	1/2	2,168.94	1/2	1,920.35		
3/4	3/4	3/4	3/4	3/4	3/4	3,406.71	3/4	3,158.08	3/4	2,909.45	3/4	2,660.89	3/4	2,412.33	3/4	2,163.77	3/4	1,915.18		
1		1		1		3,401.53		3,152.90		2,904.27		2,655.71		2,407.15		2,158.59		1,910.00		
1/4	1/4	1/4	1/4	1/4	1/4	3,396.35	1/4	3,147.72	1/4	2,899.09	1/4	2,650.53	1/4	2,401.97	1/4	2,153.41	1/4	1,904.82		
1/2	1/2	1/2	1/2	1/2	1/2	3,391.17	1/2	3,142.54	1/2	2,893.91	1/2	2,645.35	1/2	2,396.79	1/2	2,148.23	1/2	1,899.64		
3/4	3/4	3/4	3/4	3/4	3/4	3,385.99	3/4	3,137.36	3/4	2,888.74	3/4	2,640.18	3/4	2,391.62	3/4	2,143.05	3/4	1,894.46		
2		2		2		3,380.81		3,132.18		2,883.56		2,635.00		2,386.44		2,137.87		1,889.28		
1/4	1/4	3/8		3/8	1/4	3,561.72	1/4	3,375.63	1/4	3,127.00	1/4	2,878.38	1/4	2,629.82	1/4	2,381.26	1/4	2,132.69	1/4	1,884.10
1/2	1/2	1/2	1/2	1/2	1/2	3,561.36	1/2	3,370.45	1/2	3,121.82	1/2	2,873.20	1/2	2,624.64	1/2	2,376.08	1/2	2,127.51	1/2	1,878.92
3/4	3/4	3/4	3/4	3/4	3/4	3,560.64	3/4	3,365.27	3/4	3,116.64	3/4	2,868.03	3/4	2,619.47	3/4	2,370.90	3/4	2,122.34	3/4	1,873.75
3		3		3		3,559.92		3,360.09		3,111.46		2,862.85		2,614.29		2,365.72		2,117.16		1,868.57
1/4	1/4	1/4	1/4	1/4	1/4	3,559.02	1/4	3,354.91	1/4	3,106.28	1/4	2,857.67	1/4	2,609.11	1/4	2,360.54	1/4	2,111.98	1/4	1,863.39
1/2	1/2	1/2	1/2	1/2	1/2	3,557.76	1/2	3,349.73	1/2	3,101.10	1/2	2,852.49	1/2	2,603.93	1/2	2,355.36	1/2	2,106.80	1/2	1,858.21
3/4	3/4	3/4	3/4	3/4	3/4	3,556.32	3/4	3,344.55	3/4	3,095.92	3/4	2,847.31	3/4	2,598.75	3/4	2,350.19	3/4	2,101.62	3/4	1,853.03
4		4		4		3,554.88		3,339.37		3,090.74		2,842.13		2,593.57		2,345.01		2,096.44		1,847.85
1/4	1/4	1/4	1/4	1/4	1/4	3,553.25	1/4	3,334.19	1/4	3,085.56	1/4	2,836.95	1/4	2,588.39	1/4	2,339.83	1/4	2,091.26	1/4	1,842.67
1/2	1/2	1/2	1/2	1/2	1/2	3,551.24	1/2	3,329.01	1/2	3,080.38	1/2	2,831.77	1/2	2,583.21	1/2	2,334.65	1/2	2,086.08	1/2	1,837.49
3/4	3/4	3/4	3/4	3/4	3/4	3,549.03	3/4	3,323.83	3/4	3,075.20	3/4	2,826.60	3/4	2,578.04	3/4	2,329.48	3/4	2,080.91	3/4	1,832.31
5		5		5		3,546.83		3,318.65		3,070.02		2,821.42		2,572.86		2,324.30		2,075.73		1,827.13
1/4	1/4	1/4	1/4	1/4	1/4	3,544.43	1/4	3,313.47	1/4	3,064.84	1/4	2,816.24	1/4	2,567.68	1/4	2,319.12	1/4	2,070.55	1/4	1,821.95
1/2	1/2	1/2	1/2	1/2	1/2	3,541.65	1/2	3,308.29	1/2	3,059.66	1/2	2,811.06	1/2	2,562.50	1/2	2,313.94	1/2	2,065.37	1/2	1,816.77
3/4	3/4	3/4	3/4	3/4	3/4	3,538.67	3/4	3,303.11	3/4	3,054.48	3/4	2,805.89	3/4	2,557.33	3/4	2,308.76	3/4	2,060.19	3/4	1,811.60
6		6		6		3,535.70		3,297.93		3,049.30		2,800.71		2,552.15		2,303.58		2,055.01		1,806.42
1/4	1/4	1/4	1/4	1/4	1/4	3,532.53	1/4	3,292.75	1/4	3,044.12	1/4	2,795.53	1/4	2,546.97	1/4	2,298.40	1/4	2,049.83	1/4	1,801.24
1/2	1/2	1/2	1/2	1/2	1/2	3,528.98	1/2	3,287.57	1/2	3,038.94	1/2	2,790.35	1/2	2,541.79	1/2	2,293.22	1/2	2,044.65	1/2	1,796.06
3/4	3/4	3/4	3/4	3/4	3/4	3,525.24	3/4	3,282.39	3/4	3,033.76	3/4	2,785.17	3/4	2,536.61	3/4	2,288.05	3/4	2,039.47	3/4	1,790.88
7		7		7		3,521.50		3,277.21		3,028.58		2,779.99		2,531.43		2,282.87		2,034.29		1,785.70
1/4	1/4	1/4	1/4	1/4	1/4	3,517.57	1/4	3,272.03	1/4	3,023.40	1/4	2,774.81	1/4	2,526.25	1/4	2,277.69	1/4	2,029.11	1/4	1,780.52
1/2	1/2	1/2	1/2	1/2	1/2	3,513.25	1/2	3,266.85	1/2	3,018.22	1/2	2,769.63	1/2	2,521.07	1/2	2,272.51	1/2	2,023.93	1/2	1,775.34
3/4	3/4	3/4	3/4	3/4	3/4	3,508.75	3/4	3,261.67	3/4	3,013.04	3/4	2,764.46	3/4	2,515.90	3/4	2,267.34	3/4	2,018.76	3/4	1,770.17
8		8		8		3,504.24		3,256.49		3,007.86		2,759.28		2,510.72		2,262.16		2,013.58		1,764.99
1/4	1/4	1/4	1/4	1/4	1/4	3,499.58	1/4	3,251.31	1/4	3,002.68	1/4	2,754.10	1/4	2,505.54	1/4	2,256.98	1/4	2,008.40	1/4	1,759.81
1/2	1/2	1/2	1/2	1/2	1/2	3,494.60	1/2	3,246.13	1/2	2,997.50	1/2	2,748.92	1/2	2,500.36	1/2	2,251.80	1/2	2,003.22	1/2	1,754.63
3/4	3/4	3/4	3/4	3/4	3/4	3,489.48	3/4	3,240.95	3/4	2,992.32	3/4	2,743.75	3/4	2,495.18	3/4	2,246.62	3/4	1,998.04	3/4	1,749.45
9		9		9		3,484.35		3,235.77		2,987.14		2,738.57		2,490.00		2,241.44		1,992.86		1,744.27
1/4	1/4	1/4	1/4	1/4	1/4	3,479.21	1/4	3,230.59	1/4	2,981.96	1/4	2,733.39	1/4	2,484.82	1/4	2,236.26	1/4	1,987.68	1/4	1,739.09
1/2	1/2	1/2	1/2	1/2	1/2	3,474.04	1/2	3,225.41	1/2	2,976.78	1/2	2,728.21	1/2	2,479.64	1/2	2,231.08	1/2	1,982.50	1/2	1,733.91
3/4	3/4	3/4	3/4	3/4	3/4	3,468.86	3/4	3,220.23	3/4	2,971.60	3/4	2,723.03	3/4	2,474.47	3/4	2,225.91	3/4	1,977.33	3/4	1,728.73
10		10		10		3,463.68		3,215.05		2,966.42		2,717.85		2,469.29		2,220.73		1,972.15		1,723.55
1/4	1/4	1/4	1/4	1/4	1/4	3,458.50	1/4	3,209.87	1/4	2,961.24	1/4	2,712.67	1/4	2,464.11	1/4	2,215.55	1/4	1,966.97	1/4	1,718.37
1/2	1/2	1/2	1/2	1/2	1/2	3,453.32	1/2	3,204.69	1/2	2,956.06	1/2	2,707.49	1/2	2,458.93	1/2	2,210.37	1/2	1,961.79	1/2	1,713.19
3/4	3/4	3/4	3/4	3/4	3/4	3,448.14	3/4	3,199.51	3/4	2,950.88	3/4	2,702.32	3/4	2,453.76	3/4	2,205.20	3/4	1,956.61	3/4	1,708.02
11		11		11		3,442.96		3,194.33		2,945.70		2,697.14		2,448.58		2,200.02		1,951.43		1,702.84
1/4	1/4	1/4	1/4	1/4	1/4	3,437.78	1/4	3,189.15	1/4	2,940.52	1/4	2,691.96	1/4	2,443.40	1/4	2,194.84	1/4	1,946.25	1/4	1,697.66
1/2	1/2	1/2	1/2	1/2	1/2	3,432.60	1/2	3,183.97	1/2	2,935.34	1/2	2,686.78	1/2	2,438.22	1/2	2,189.66	1/2	1,941.07	1/2	1,692.48
3/4	3/4	3/4	3/4	3/4	3/4	3,427.43	3/4	3,178.79	3/4	2,930.17	3/4	2,681.61	3/4	2,433.04	3/4	2,184.48	3/4	1,935.89	3/4	1,687.30

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 31'-00" 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 10551"

2 CENTER ULLAGE TABLE

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

FORMERLY "SR 102"

GAUGE HEIGHT 16'-11 3/8"

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	1,682.12	0	1,433.54	0	1,184.96	0	936.38	0	687.90	0	439.67	0	191.10	0		0		0	
1/4	1,676.94	1/4	1,428.36	1/4	1,179.78	1/4	931.20	1/4	682.73	1/4	434.49	1/4	185.92	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,671.76	1/2	1,423.18	1/2	1,174.60	1/2	926.02	1/2	677.56	1/2	429.31	1/2	180.74	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,666.59	3/4	1,418.00	3/4	1,169.42	3/4	920.84	3/4	672.40	3/4	424.13	3/4	175.57	3/4	3/4	3/4	3/4	3/4	3/4
1	1,661.41	1	1,412.82	1	1,164.24	1	915.66	1	667.23	1	418.95	1	170.39	1		1		1	
1/4	1,656.23	1/4	1,407.64	1/4	1,159.06	1/4	910.48	1/4	662.06	1/4	413.77	1/4	165.21	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,651.05	1/2	1,402.46	1/2	1,153.88	1/2	905.30	1/2	656.89	1/2	408.59	1/2	160.03	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,645.87	3/4	1,397.29	3/4	1,148.71	3/4	900.13	3/4	651.73	3/4	403.42	3/4	154.85	3/4	3/4	3/4	3/4	3/4	3/4
2	1,640.69	2	1,392.11	2	1,143.53	2	894.95	2	646.56	2	398.24	2	149.67	2		2		2	
1/4	1,635.51	1/4	1,386.93	1/4	1,138.35	1/4	889.77	1/4	641.39	1/4	393.06	1/4	144.49	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,630.33	1/2	1,381.75	1/2	1,133.17	1/2	884.59	1/2	636.22	1/2	387.88	1/2	139.31	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,625.15	3/4	1,376.57	3/4	1,127.99	3/4	879.41	3/4	631.06	3/4	382.71	3/4	134.14	3/4	3/4	3/4	3/4	3/4	3/4
3	1,619.97	3	1,371.39	3	1,122.81	3	874.23	3	625.89	3	377.53	3	128.96	3		3		3	
1/4	1,614.79	1/4	1,366.21	1/4	1,117.63	1/4	869.05	1/4	620.72	1/4	372.35	1/4	123.82	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,609.61	1/2	1,361.03	1/2	1,112.45	1/2	863.87	1/2	615.55	1/2	367.17	1/2	118.78	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,604.44	3/4	1,355.86	3/4	1,107.28	3/4	858.69	3/4	610.39	3/4	361.99	3/4	113.78	3/4	3/4	3/4	3/4	3/4	3/4
4	1,599.26	4	1,350.68	4	1,102.10	4	853.51	4	605.22	4	356.81	4	108.77	4		4		4	
1/4	1,594.08	1/4	1,345.50	1/4	1,096.92	1/4	848.33	1/4	600.05	1/4	351.63	1/4	103.78	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,588.90	1/2	1,340.32	1/2	1,091.74	1/2	843.15	1/2	594.88	1/2	346.45	1/2	98.83	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,583.72	3/4	1,335.14	3/4	1,086.56	3/4	837.98	3/4	589.71	3/4	341.28	3/4	93.88	3/4	3/4	3/4	3/4	3/4	3/4
5	1,578.54	5	1,329.96	5	1,081.38	5	832.80	5	584.54	5	336.10	5	88.94	5		5		5	
1/4	1,573.36	1/4	1,324.78	1/4	1,076.20	1/4	827.62	1/4	579.37	1/4	330.92	1/4	84.14	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,568.18	1/2	1,319.60	1/2	1,071.02	1/2	822.44	1/2	574.20	1/2	325.74	1/2	79.65	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,563.01	3/4	1,314.43	3/4	1,065.85	3/4	817.26	3/4	569.04	3/4	320.56	3/4	75.31	3/4	3/4	3/4	3/4	3/4	3/4
6	1,557.83	6	1,309.25	6	1,060.67	6	812.08	6	563.87	6	315.38	6	70.97	6		6		6	
1/4	1,552.65	1/4	1,304.07	1/4	1,055.49	1/4	806.90	1/4	558.70	1/4	310.20	1/4	66.66	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,547.47	1/2	1,298.89	1/2	1,050.31	1/2	801.72	1/2	553.53	1/2	305.02	1/2	62.41	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,542.29	3/4	1,293.71	3/4	1,045.13	3/4	796.55	3/4	548.37	3/4	299.85	3/4	58.19	3/4	3/4	3/4	3/4	3/4	3/4
7	1,537.11	7	1,288.53	7	1,039.95	7	791.37	7	543.20	7	294.67	7	53.98	7		7		7	
1/4	1,531.93	1/4	1,283.35	1/4	1,034.77	1/4	786.19	1/4	538.03	1/4	289.49	1/4	49.70	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,526.75	1/2	1,278.17	1/2	1,029.59	1/2	781.01	1/2	532.86	1/2	284.31	1/2	45.30	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,521.58	3/4	1,273.00	3/4	1,024.42	3/4	775.83	3/4	527.68	3/4	279.14	3/4	40.83	3/4	3/4	3/4	3/4	3/4	3/4
8	1,516.40	8	1,267.82	8	1,019.24	8	770.65	8	522.51	8	273.96	8	36.37	8		8		8	
1/4	1,511.22	1/4	1,262.64	1/4	1,014.06	1/4	765.47	1/4	517.33	1/4	268.78	1/4	31.99	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,506.04	1/2	1,257.46	1/2	1,008.88	1/2	760.29	1/2	512.15	1/2	263.60	1/2	27.81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,500.86	3/4	1,252.28	3/4	1,003.70	3/4	755.12	3/4	506.98	3/4	258.42	3/4	23.72	3/4	3/4	3/4	3/4	3/4	3/4
9	1,495.68	9	1,247.10	9	998.52	9	749.94	9	501.80	9	253.24	9	19.62	9		9		9	
1/4	1,490.50	1/4	1,241.92	1/4	993.34	1/4	744.76	1/4	496.62	1/4	248.06	1/4	15.89	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,485.32	1/2	1,236.74	1/2	988.16	1/2	739.59	1/2	491.44	1/2	242.88	1/2	12.87	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,480.15	3/4	1,231.57	3/4	982.99	3/4	734.42	3/4	486.27	3/4	237.71	3/4	10.21	3/4	3/4	3/4	3/4	3/4	3/4
10	1,474.97	10	1,226.39	10	977.81	10	729.25	10	481.09	10	232.53	10	7.55	10		10		10	
1/4	1,469.79	1/4	1,221.21	1/4	972.63	1/4	724.08	1/4	475.91	1/4	227.35	1/4	5.32	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,464.61	1/2	1,216.03	1/2	967.45	1/2	718.91	1/2	470.73	1/2	222.17	1/2	3.94	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,459.43	3/4	1,210.85	3/4	962.27	3/4	713.74	3/4	465.56	3/4	217.00	3/4	3.00	3/4	3/4	3/4	3/4	3/4	3/4
11	1,454.25	11	1,205.67	11	957.09	11	708.57	11	460.38	11	211.82	11	2.05	11		11		11	
1/4	1,449.07	1/4	1,200.49	1/4	951.91	1/4	703.40	1/4	455.20	1/4	206.64	1/4	1.10	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,443.89	1/2	1,195.31	1/2	946.73	1/2	698.23	1/2	450.02	1/2	201.46	1/2	0.62	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,438.72	3/4	1,190.14	3/4	941.56	3/4	693.07	3/4	444.85	3/4	196.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: ITS
VERIFIED: 10/05/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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



BARGE "KIRBY 10551"

3 CENTER ULLAGE TABLE

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

FORMERLY "SR 102"

GAUGE HEIGHT 17'-00 1/8"

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	3,432.50	0	3,184.25	0	2,936.00	0	2,687.82	0	2,439.63	0	2,191.45	0	1,943.25		
1/4	1/4	1/4	1/4	1/4	1/4	3,427.33	1/4	3,179.08	1/4	2,930.83	1/4	2,682.65	1/4	2,434.46	1/4	2,186.28	1/4	1,938.08		
1/2	1/2	1/2	1/2	1/2	1/2	3,422.15	1/2	3,173.90	1/2	2,925.65	1/2	2,677.47	1/2	2,429.29	1/2	2,181.11	1/2	1,932.91		
3/4	3/4	3/4	3/4	3/4	3/4	3,416.98	3/4	3,168.73	3/4	2,920.48	3/4	2,672.30	3/4	2,424.12	3/4	2,175.94	3/4	1,927.74		
1	1	1	1	1	1	3,411.81	1	3,163.56	1	2,915.31	1	2,667.13	1	2,418.95	1	2,170.77	1	1,922.57		
1/4	1/4	1/4	1/4	1/4	1/4	3,406.64	1/4	3,158.39	1/4	2,910.14	1/4	2,661.96	1/4	2,413.78	1/4	2,165.60	1/4	1,917.40		
1/2	1/2	1/2	1/2	1/2	1/2	3,401.46	1/2	3,153.21	1/2	2,904.97	1/2	2,656.79	1/2	2,408.61	1/2	2,160.43	1/2	1,912.22		
3/4	3/4	3/4	3/4	3/4	3/4	3,396.29	3/4	3,148.04	3/4	2,899.80	3/4	2,651.62	3/4	2,403.44	3/4	2,155.26	3/4	1,907.05		
2	2	2	2	2	2	3,391.12	2	3,142.87	2	2,894.63	2	2,646.45	2	2,398.27	2	2,150.09	2	1,901.88		
1/4	1/4	1/4	1/4	1/4	1/4	3,385.95	1/4	3,137.70	1/4	2,889.46	1/4	2,641.28	1/4	2,393.10	1/4	2,144.92	1/4	1,896.71		
1/2	1/2	1/2	1/2	1/2	1/2	3,380.77	1/2	3,132.52	1/2	2,884.29	1/2	2,636.11	1/2	2,387.93	1/2	2,139.75	1/2	1,891.54		
3/4	3/4	3/4	3/4	3/4	3/4	3,375.60	3/4	3,127.35	3/4	2,879.12	3/4	2,630.94	3/4	2,382.76	3/4	2,134.58	3/4	1,886.37		
3	3	3 1/8	3	3	3	3,370.43	3	3,122.18	3	2,873.95	3	2,625.77	3	2,377.59	3	2,129.41	3	1,881.20		
1/4	1/4	1/4	1/4	1/4	1/4	3,551.09	1/4	3,365.26	1/4	3,117.01	1/4	2,868.78	1/4	2,620.60	1/4	2,372.42	1/4	2,124.24	1/4	1,876.03
1/2	1/2	1/2	1/2	1/2	1/2	3,550.56	1/2	3,360.09	1/2	3,111.84	1/2	2,863.61	1/2	2,615.43	1/2	2,367.25	1/2	2,119.06	1/2	1,870.85
3/4	3/4	3/4	3/4	3/4	3/4	3,550.04	3/4	3,354.92	3/4	3,106.67	3/4	2,858.44	3/4	2,610.26	3/4	2,362.08	3/4	2,113.89	3/4	1,865.68
4	4	4	4	4	4	3,549.33	4	3,349.75	4	3,101.50	4	2,853.27	4	2,605.09	4	2,356.91	4	2,108.72	4	1,860.51
1/4	1/4	1/4	1/4	1/4	1/4	3,548.26	1/4	3,344.58	1/4	3,096.33	1/4	2,848.10	1/4	2,599.92	1/4	2,351.74	1/4	2,103.55	1/4	1,855.34
1/2	1/2	1/2	1/2	1/2	1/2	3,547.02	1/2	3,339.40	1/2	3,091.15	1/2	2,842.93	1/2	2,594.75	1/2	2,346.57	1/2	2,098.38	1/2	1,850.17
3/4	3/4	3/4	3/4	3/4	3/4	3,545.77	3/4	3,334.23	3/4	3,085.98	3/4	2,837.76	3/4	2,589.58	3/4	2,341.40	3/4	2,093.21	3/4	1,845.00
5	5	5	5	5	5	3,544.34	5	3,329.06	5	3,080.81	5	2,832.59	5	2,584.41	5	2,336.23	5	2,088.04	5	1,839.83
1/4	1/4	1/4	1/4	1/4	1/4	3,542.52	1/4	3,323.89	1/4	3,075.64	1/4	2,827.42	1/4	2,579.24	1/4	2,331.06	1/4	2,082.87	1/4	1,834.66
1/2	1/2	1/2	1/2	1/2	1/2	3,540.51	1/2	3,318.71	1/2	3,070.46	1/2	2,822.25	1/2	2,574.07	1/2	2,325.88	1/2	2,077.69	1/2	1,829.48
3/4	3/4	3/4	3/4	3/4	3/4	3,538.50	3/4	3,313.54	3/4	3,065.29	3/4	2,817.08	3/4	2,568.90	3/4	2,320.71	3/4	2,072.52	3/4	1,824.31
6	6	6	6	6	6	3,536.30	6	3,308.37	6	3,060.12	6	2,811.91	6	2,563.73	6	2,315.54	6	2,067.35	6	1,819.14
1/4	1/4	1/4	1/4	1/4	1/4	3,533.71	1/4	3,303.20	1/4	3,054.95	1/4	2,806.74	1/4	2,558.56	1/4	2,310.37	1/4	2,062.18	1/4	1,813.97
1/2	1/2	1/2	1/2	1/2	1/2	3,530.93	1/2	3,298.02	1/2	3,049.77	1/2	2,801.56	1/2	2,553.38	1/2	2,305.20	1/2	2,057.01	1/2	1,808.80
3/4	3/4	3/4	3/4	3/4	3/4	3,528.16	3/4	3,292.85	3/4	3,044.60	3/4	2,796.39	3/4	2,548.21	3/4	2,300.03	3/4	2,051.84	3/4	1,803.63
7	7	7	7	7	7	3,525.19	7	3,287.68	7	3,039.43	7	2,791.22	7	2,543.04	7	2,294.86	7	2,046.67	7	1,798.46
1/4	1/4	1/4	1/4	1/4	1/4	3,521.84	1/4	3,282.51	1/4	3,034.26	1/4	2,786.05	1/4	2,537.87	1/4	2,289.69	1/4	2,041.50	1/4	1,793.29
1/2	1/2	1/2	1/2	1/2	1/2	3,518.29	1/2	3,277.34	1/2	3,029.09	1/2	2,780.88	1/2	2,532.70	1/2	2,284.52	1/2	2,036.33	1/2	1,788.12
3/4	3/4	3/4	3/4	3/4	3/4	3,514.75	3/4	3,272.17	3/4	3,023.92	3/4	2,775.71	3/4	2,527.53	3/4	2,279.35	3/4	2,031.16	3/4	1,782.95
8	8	8	8	8	8	3,511.01	8	3,267.00	8	3,018.75	8	2,770.54	8	2,522.36	8	2,274.18	8	2,025.99	8	1,777.78
1/4	1/4	1/4	1/4	1/4	1/4	3,506.89	1/4	3,261.83	1/4	3,013.58	1/4	2,765.37	1/4	2,517.19	1/4	2,269.01	1/4	2,020.82	1/4	1,772.61
1/2	1/2	1/2	1/2	1/2	1/2	3,502.58	1/2	3,256.65	1/2	3,008.40	1/2	2,760.20	1/2	2,512.02	1/2	2,263.84	1/2	2,015.64	1/2	1,767.43
3/4	3/4	3/4	3/4	3/4	3/4	3,498.27	3/4	3,251.48	3/4	3,003.23	3/4	2,755.03	3/4	2,506.85	3/4	2,258.67	3/4	2,010.47	3/4	1,762.26
9	9	9	9	9	9	3,493.78	9	3,246.31	9	2,998.06	9	2,749.86	9	2,501.68	9	2,253.50	9	2,005.30	9	1,757.09
1/4	1/4	1/4	1/4	1/4	1/4	3,488.94	1/4	3,241.14	1/4	2,992.89	1/4	2,744.69	1/4	2,496.51	1/4	2,248.33	1/4	2,000.13	1/4	1,751.92
1/2	1/2	1/2	1/2	1/2	1/2	3,483.91	1/2	3,235.96	1/2	2,987.71	1/2	2,739.52	1/2	2,491.34	1/2	2,243.16	1/2	1,994.96	1/2	1,746.75
3/4	3/4	3/4	3/4	3/4	3/4	3,478.89	3/4	3,230.79	3/4	2,982.54	3/4	2,734.35	3/4	2,486.17	3/4	2,237.99	3/4	1,989.79	3/4	1,741.58
10	10	10	10	10	10	3,473.83	10	3,225.62	10	2,977.37	10	2,729.18	10	2,481.00	10	2,232.82	10	1,984.62	10	1,736.41
1/4	1/4	1/4	1/4	1/4	1/4	3,468.70	1/4	3,220.45	1/4	2,972.20	1/4	2,724.01	1/4	2,475.83	1/4	2,227.65	1/4	1,979.45	1/4	1,731.24
1/2	1/2	1/2	1/2	1/2	1/2	3,463.52	1/2	3,215.27	1/2	2,967.02	1/2	2,718.84	1/2	2,470.66	1/2	2,222.48	1/2	1,974.27	1/2	1,726.06
3/4	3/4	3/4	3/4	3/4	3/4	3,458.35	3/4	3,210.10	3/4	2,961.85	3/4	2,713.67	3/4	2,465.49	3/4	2,217.31	3/4	1,969.10	3/4	1,720.89
11	11	11	11	11	11	3,453.18	11	3,204.93	11	2,956.68	11	2,708.50	11	2,460.32	11	2,212.14	11	1,963.93	11	1,715.72
1/4	1/4	1/4	1/4	1/4	1/4	3,448.01	1/4	3,199.76	1/4	2,951.51	1/4	2,703.33	1/4	2,455.15	1/4	2,206.97	1/4	1,958.76	1/4	1,710.55
1/2	1/2	1/2	1/2	1/2	1/2	3,442.84	1/2	3,194.59	1/2	2,946.34	1/2	2,698.16	1/2	2,449.97	1/2	2,201.79	1/2	1,953.59	1/2	1,705.38
3/4	3/4	3/4	3/4	3/4	3/4	3,437.67	3/4	3,189.42	3/4	2,941.17	3/4	2,692.99	3/4	2,444.80	3/4	2,196.62	3/4	1,948.42	3/4	1,700.21

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 29'-00" 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 10551"

3 CENTER ULLAGE TABLE

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

FORMERLY "SR 102"

GAUGE HEIGHT 17'-00 1/8"

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	1,695.04	0	1,446.84	0	1,198.64	0	950.44	0	702.31	0	454.49	0	206.31	0	1.09	0		0	
1/4	1,689.87	1/4	1,441.67	1/4	1,193.47	1/4	945.27	1/4	697.15	1/4	449.32	1/4	201.14	1/8	0.62	1/4		1/4	
1/2	1,684.70	1/2	1,436.49	1/2	1,188.30	1/2	940.09	1/2	691.99	1/2	444.15	1/2	195.96	1/2		1/2		1/2	
3/4	1,679.53	3/4	1,431.32	3/4	1,183.13	3/4	934.92	3/4	686.83	3/4	438.98	3/4	190.79	3/4		3/4		3/4	
1	1,674.36	1	1,426.15	1	1,177.96	1	929.75	1	681.67	1	433.81	1	185.62	1		1		1	
1/4	1,669.19	1/4	1,420.98	1/4	1,172.79	1/4	924.58	1/4	676.51	1/4	428.64	1/4	180.45	1/4		1/4		1/4	
1/2	1,664.01	1/2	1,415.81	1/2	1,167.61	1/2	919.41	1/2	671.35	1/2	423.47	1/2	175.28	1/2		1/2		1/2	
3/4	1,658.84	3/4	1,410.64	3/4	1,162.44	3/4	914.24	3/4	666.19	3/4	418.30	3/4	170.11	3/4		3/4		3/4	
2	1,653.67	2	1,405.47	2	1,157.27	2	909.07	2	661.03	2	413.13	2	164.94	2		2		2	
1/4	1,648.50	1/4	1,400.30	1/4	1,152.10	1/4	903.90	1/4	655.87	1/4	407.96	1/4	159.77	1/4		1/4		1/4	
1/2	1,643.33	1/2	1,395.13	1/2	1,146.93	1/2	898.73	1/2	650.71	1/2	402.79	1/2	154.60	1/2		1/2		1/2	
3/4	1,638.16	3/4	1,389.96	3/4	1,141.76	3/4	893.56	3/4	645.55	3/4	397.62	3/4	149.43	3/4		3/4		3/4	
3	1,632.99	3	1,384.79	3	1,136.59	3	888.39	3	640.39	3	392.45	3	144.26	3		3		3	
1/4	1,627.82	1/4	1,379.62	1/4	1,131.42	1/4	883.22	1/4	635.23	1/4	387.28	1/4	139.09	1/4		1/4		1/4	
1/2	1,622.64	1/2	1,374.44	1/2	1,126.24	1/2	878.04	1/2	630.07	1/2	382.10	1/2	133.92	1/2		1/2		1/2	
3/4	1,617.47	3/4	1,369.27	3/4	1,121.07	3/4	872.87	3/4	624.91	3/4	376.93	3/4	128.75	3/4		3/4		3/4	
4	1,612.30	4	1,364.10	4	1,115.90	4	867.70	4	619.75	4	371.76	4	123.58	4		4		4	
1/4	1,607.13	1/4	1,358.93	1/4	1,110.73	1/4	862.53	1/4	614.59	1/4	366.59	1/4	118.41	1/4		1/4		1/4	
1/2	1,601.96	1/2	1,353.76	1/2	1,105.56	1/2	857.36	1/2	609.43	1/2	361.42	1/2	113.24	1/2		1/2		1/2	
3/4	1,596.79	3/4	1,348.59	3/4	1,100.39	3/4	852.19	3/4	604.27	3/4	356.25	3/4	108.07	3/4		3/4		3/4	
5	1,591.62	5	1,343.42	5	1,095.22	5	847.02	5	599.11	5	351.08	5	103.00	5		5		5	
1/4	1,586.45	1/4	1,338.25	1/4	1,090.05	1/4	841.85	1/4	593.95	1/4	345.91	1/4	98.14	1/4		1/4		1/4	
1/2	1,581.28	1/2	1,333.08	1/2	1,084.88	1/2	836.68	1/2	588.79	1/2	340.74	1/2	93.37	1/2		1/2		1/2	
3/4	1,576.11	3/4	1,327.91	3/4	1,079.71	3/4	831.51	3/4	583.63	3/4	335.57	3/4	88.61	3/4		3/4		3/4	
6	1,570.94	6	1,322.74	6	1,074.54	6	826.34	6	578.47	6	330.40	6	83.96	6		6		6	
1/4	1,565.77	1/4	1,317.57	1/4	1,069.37	1/4	821.17	1/4	573.31	1/4	325.23	1/4	79.52	1/4		1/4		1/4	
1/2	1,560.59	1/2	1,312.39	1/2	1,064.19	1/2	815.99	1/2	568.15	1/2	320.06	1/2	75.18	1/2		1/2		1/2	
3/4	1,555.42	3/4	1,307.22	3/4	1,059.02	3/4	810.82	3/4	562.99	3/4	314.89	3/4	70.85	3/4		3/4		3/4	
7	1,550.25	7	1,302.05	7	1,053.85	7	805.65	7	557.83	7	309.72	7	66.55	7		7		7	
1/4	1,545.08	1/4	1,296.88	1/4	1,048.68	1/4	800.48	1/4	552.67	1/4	304.55	1/4	62.31	1/4		1/4		1/4	
1/2	1,539.91	1/2	1,291.71	1/2	1,043.51	1/2	795.31	1/2	547.51	1/2	299.37	1/2	58.10	1/2		1/2		1/2	
3/4	1,534.74	3/4	1,286.54	3/4	1,038.34	3/4	790.14	3/4	542.35	3/4	294.20	3/4	53.89	3/4		3/4		3/4	
8	1,529.57	8	1,281.37	8	1,033.17	8	784.97	8	537.19	8	289.03	8	49.62	8		8		8	
1/4	1,524.40	1/4	1,276.20	1/4	1,028.00	1/4	779.80	1/4	532.02	1/4	283.86	1/4	45.22	1/4		1/4		1/4	
1/2	1,519.23	1/2	1,271.03	1/2	1,022.83	1/2	774.63	1/2	526.85	1/2	278.69	1/2	40.76	1/2		1/2		1/2	
3/4	1,514.06	3/4	1,265.86	3/4	1,017.66	3/4	769.46	3/4	521.69	3/4	273.52	3/4	36.31	3/4		3/4		3/4	
9	1,508.89	9	1,260.69	9	1,012.49	9	764.29	9	516.52	9	268.35	9	31.94	9		9		9	
1/4	1,503.72	1/4	1,255.52	1/4	1,007.32	1/4	759.12	1/4	511.35	1/4	263.18	1/4	27.76	1/4		1/4		1/4	
1/2	1,498.54	1/2	1,250.34	1/2	1,002.14	1/2	753.94	1/2	506.18	1/2	258.01	1/2	23.68	1/2		1/2		1/2	
3/4	1,493.37	3/4	1,245.17	3/4	996.97	3/4	748.77	3/4	501.02	3/4	252.84	3/4	19.59	3/4		3/4		3/4	
10	1,488.20	10	1,240.00	10	991.80	10	743.60	10	495.85	10	247.67	10	15.87	10		10		10	
1/4	1,483.03	1/4	1,234.83	1/4	986.63	1/4	738.44	1/4	490.68	1/4	242.50	1/4	12.85	1/4		1/4		1/4	
1/2	1,477.86	1/2	1,229.66	1/2	981.46	1/2	733.27	1/2	485.51	1/2	237.33	1/2	10.20	1/2		1/2		1/2	
3/4	1,472.69	3/4	1,224.49	3/4	976.29	3/4	728.11	3/4	480.34	3/4	232.16	3/4	7.54	3/4		3/4		3/4	
11	1,467.52	11	1,219.32	11	971.12	11	722.95	11	475.17	11	226.99	11	5.32	11		11		11	
1/4	1,462.35	1/4	1,214.15	1/4	965.95	1/4	717.79	1/4	470.00	1/4	221.82	1/4	3.94	1/4		1/4		1/4	
1/2	1,457.18	1/2	1,208.98	1/2	960.78	1/2	712.63	1/2	464.83	1/2	216.65	1/2	2.99	1/2		1/2		1/2	
3/4	1,452.01	3/4	1,203.81	3/4	955.61	3/4	707.47	3/4	459.66	3/4	211.48	3/4	2.04	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: ITS
VERIFIED: 10/05/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

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