



BARGE "KIRBY 10141"

ULLAGE TRIM TABLE

FORMERLY "SMS 213"

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

(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 - 00-5/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 145'-03"

February 16, 2024

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10141"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 213"

GAUGE HEIGHT 15'-05 3/4"

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	3,717.44	0	3,397.42	0	3,076.80	0	2,759.91	0	2,447.89	0	2,140.74	0	1,838.47		
1/4		1/4		1/4		1/4	3,710.78	1/4	3,390.73	1/4	3,070.15	1/4	2,753.36	1/4	2,441.44	1/4	2,134.40	1/4	1,832.23		
1/2		1/2		1/2		1/2	3,704.11	1/2	3,384.05	1/2	3,063.50	1/2	2,746.81	1/2	2,434.99	1/2	2,128.05	1/2	1,825.99		
3/4		3/4		3/4		3/4	3,697.45	3/4	3,377.37	3/4	3,056.85	3/4	2,740.26	3/4	2,428.54	3/4	2,121.70	3/4	1,819.74		
1		1		1		1	3,690.78	1	3,370.68	1	3,050.21	1	2,733.72	1	2,422.10	1	2,115.37	1	1,813.51		
1/4		1/4		1/4		1/4	3,684.12	1/4	3,364.00	1/4	3,043.57	1/4	2,727.18	1/4	2,415.67	1/4	2,109.03	1/4	1,807.27		
1/2		1/2		1/2		1/2	3,677.45	1/2	3,357.31	1/2	3,036.92	1/2	2,720.64	1/2	2,409.23	1/2	2,102.69	1/2	1,801.03		
3/4		3/4		3/4		3/4	3,670.79	3/4	3,350.63	3/4	3,030.28	3/4	2,714.10	3/4	2,402.79	3/4	2,096.35	3/4	1,794.80		
2		2		2		2	3,664.12	2	3,343.94	2	3,023.65	2	2,707.56	2	2,396.36	2	2,090.03	2	1,788.57		
1/4		1/4		1/4		1/4	3,657.46	1/4	3,337.26	1/4	3,017.01	1/4	2,701.03	1/4	2,389.93	1/4	2,083.70	1/4	1,782.34		
1/2		1/2		1/2		1/2	3,650.79	1/2	3,330.57	1/2	3,010.38	1/2	2,694.50	1/2	2,383.50	1/2	2,077.37	1/2	1,776.12		
3/4		3/4		3/4		3/4	3,644.13	3/4	3,323.89	3/4	3,003.75	3/4	2,687.97	3/4	2,377.07	3/4	2,071.04	3/4	1,769.89		
3		3		3		3	3,637.46	3	3,317.20	3	2,997.12	3	2,681.44	3	2,370.64	3	2,064.72	3	1,763.67		
1/4		1/4		1/4		1/4	3,630.80	1/4	3,310.52	1/4	2,990.50	1/4	2,674.92	1/4	2,364.22	1/4	2,058.40	1/4	1,757.45		
1/2		1/2		1/2		1/2	3,624.13	1/2	3,303.84	1/2	2,983.87	1/2	2,668.40	1/2	2,357.80	1/2	2,052.08	1/2	1,751.23		
3/4		3/4		3/4		3/4	3,617.47	3/4	3,297.15	3/4	2,977.25	3/4	2,661.87	3/4	2,351.38	3/4	2,045.76	3/4	1,745.01		
4		4		4		4	3,610.80	4	3,290.47	4	2,970.63	4	2,655.36	4	2,344.96	4	2,039.44	4	1,738.80		
1/4		1/4		1/4		1/4	3,604.14	1/4	3,283.78	1/4	2,964.01	1/4	2,648.84	1/4	2,338.55	1/4	2,033.13	1/4	1,732.59		
1/2		1/2		1/2		1/2	3,597.47	1/2	3,277.10	1/2	2,957.40	1/2	2,642.33	1/2	2,332.14	1/2	2,026.82	1/2	1,726.38		
3/4		3/4		3/4		3/4	3,590.81	3/4	3,270.41	3/4	2,950.78	3/4	2,635.81	3/4	2,325.72	3/4	2,020.51	3/4	1,720.17		
5		5		5		5	3,584.14	5	3,263.73	5	2,944.17	5	2,629.31	5	2,319.32	5	2,014.20	5	1,713.97		
1/4		1/4		1/4		1/4	3,577.48	1/4	3,257.04	1/4	2,937.56	1/4	2,622.80	1/4	2,312.91	1/4	2,007.90	1/4	1,707.77		
1/2		1/2		1/2		1/2	3,570.81	1/2	3,250.36	1/2	2,930.95	1/2	2,616.29	1/2	2,306.51	1/2	2,001.60	1/2	1,701.56		
3/4		3/4		3/4		3/4	3,564.15	3/4	3,243.68	3/4	2,924.35	3/4	2,609.79	3/4	2,300.10	3/4	1,995.29	3/4	1,695.36		
6		6		6		6	3,557.48	6	3,236.99	6	2,917.75	6	2,603.29	6	2,293.70	6	1,989.00	6	1,689.17		
1/4		1/4		1/4		1/4	3,550.81	1/4	3,230.31	1/4	2,911.15	1/4	2,596.79	1/4	2,287.31	1/4	1,982.70	1/4	1,682.98		
1/2		1/2		1/2		1/2	3,544.15	1/2	3,223.62	1/2	2,904.55	1/2	2,590.29	1/2	2,280.91	1/2	1,976.41	1/2	1,676.78		
3/4		3/4		3/4		3/4	3,537.48	3/4	3,216.94	3/4	2,897.95	3/4	2,583.79	3/4	2,274.51	3/4	1,970.11	3/4	1,670.59		
7		7		7		7	3,530.82	7	3,210.25	7	2,891.35	7	2,577.30	7	2,268.13	7	1,963.83	7	1,664.40		
1/4		1/4		1/4		1/4	3,778.11	1/4	3,524.15	1/4	3,203.57	1/4	2,884.76	1/4	2,570.81	1/4	2,261.74	1/4	1,658.22		
1/2		1/2		1/2		1/2	3,777.78	1/2	3,517.49	1/2	3,196.88	1/2	2,878.17	1/2	2,564.32	1/2	2,255.35	1/2	1,951.25	1/2	1,652.03
3/4		3/4		3/4		3/4	3,777.44	3/4	3,510.82	3/4	3,190.20	3/4	2,871.58	3/4	2,557.83	3/4	2,248.96	3/4	1,944.97	3/4	1,645.85
8		8		8		8	3,776.10	8	3,504.16	8	3,183.52	8	2,865.00	8	2,551.35	8	2,242.58	8	1,938.69	8	1,639.67
1/4		1/4		1/4		1/4	3,774.77	1/4	3,497.49	1/4	3,176.83	1/4	2,858.41	1/4	2,544.87	1/4	2,236.20	1/4	1,932.41	1/4	1,633.49
1/2		1/2		1/2		1/2	3,773.43	1/2	3,490.83	1/2	3,170.15	1/2	2,851.83	1/2	2,538.39	1/2	2,229.82	1/2	1,926.13	1/2	1,627.32
3/4		3/4		3/4		3/4	3,772.09	3/4	3,484.16	3/4	3,163.47	3/4	2,845.25	3/4	2,531.91	3/4	2,223.44	3/4	1,919.85	3/4	1,621.14
9		9		9		9	3,769.42	9	3,477.50	9	3,156.79	9	2,838.67	9	2,525.43	9	2,217.07	9	1,913.58	9	1,614.97
1/4		1/4		1/4		1/4	3,766.74	1/4	3,470.83	1/4	3,150.11	1/4	2,832.10	1/4	2,518.96	1/4	2,210.70	1/4	1,907.31	1/4	1,608.80
1/2		1/2		1/2		1/2	3,764.07	1/2	3,464.17	1/2	3,143.44	1/2	2,825.52	1/2	2,512.49	1/2	2,204.33	1/2	1,901.04	1/2	1,602.64
3/4		3/4		3/4		3/4	3,761.40	3/4	3,457.50	3/4	3,136.76	3/4	2,818.95	3/4	2,506.02	3/4	2,197.96	3/4	1,894.77	3/4	1,596.47
10		10		10		10	3,757.40	10	3,450.84	10	3,130.09	10	2,812.38	10	2,499.55	10	2,191.59	10	1,888.51	10	1,590.31
1/4		1/4		1/4		1/4	3,753.41	1/4	3,444.17	1/4	3,123.43	1/4	2,805.82	1/4	2,493.09	1/4	2,185.23	1/4	1,882.25	1/4	1,584.15
1/2		1/2		1/2		1/2	3,749.42	1/2	3,437.51	1/2	3,116.76	1/2	2,799.25	1/2	2,486.62	1/2	2,178.87	1/2	1,875.99	1/2	1,577.99
3/4		3/4		3/4		3/4	3,745.43	3/4	3,430.84	3/4	3,110.09	3/4	2,792.69	3/4	2,480.16	3/4	2,172.51	3/4	1,869.73	3/4	1,571.83
11		11		11		11	3,740.10	11	3,424.16	11	3,103.43	11	2,786.13	11	2,473.70	11	2,166.15	11	1,863.48	11	1,565.68
1/4		1/4		1/4		1/4	3,734.77	1/4	3,417.47	1/4	3,096.77	1/4	2,779.57	1/4	2,467.25	1/4	2,159.80	1/4	1,857.22	1/4	1,559.53
1/2		1/2		1/2		1/2	3,729.44	1/2	3,410.79	1/2	3,090.11	1/2	2,773.01	1/2	2,460.79	1/2	2,153.44	1/2	1,850.97	1/2	1,553.38
3/4		3/4		3/4		3/4	3,724.11	3/4	3,404.10	3/4	3,083.45	3/4	2,766.46	3/4	2,454.33	3/4	2,147.09	3/4	1,844.72	3/4	1,547.23

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 30'-05" 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 10141"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 213"

GAUGE HEIGHT 15'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,541.08	0	1,248.57	0	960.93	0	678.16	0	401.39	0	129.63	0		0		0		0	
1/4	1,534.94	1/4	1,242.53	1/4	954.99	1/4	672.33	1/4	395.71	1/4	123.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,528.80	1/2	1,236.48	1/2	949.05	1/2	666.49	1/2	390.04	1/2	118.36	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,522.65	3/4	1,230.44	3/4	943.11	3/4	660.65	3/4	384.36	3/4	112.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,516.52	1	1,224.41	1	937.18	1	654.82	1	378.69	1	107.10	1	1	1	1	1	1	1	1
1/4	1,510.39	1/4	1,218.38	1/4	931.25	1/4	648.99	1/4	373.02	1/4	101.47	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,504.25	1/2	1,212.35	1/2	925.32	1/2	643.16	1/2	367.35	1/2	95.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,498.12	3/4	1,206.31	3/4	919.38	3/4	637.33	3/4	361.68	3/4	90.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,491.99	2	1,200.29	2	913.46	2	631.51	2	356.02	2	84.61	2	2	2	2	2	2	2	2
1/4	1,485.87	1/4	1,194.26	1/4	907.54	1/4	625.69	1/4	350.36	1/4	78.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,479.74	1/2	1,188.24	1/2	901.62	1/2	619.87	1/2	344.70	1/2	73.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,473.61	3/4	1,182.22	3/4	895.69	3/4	614.05	3/4	339.04	3/4	67.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,467.50	3	1,176.20	3	889.78	3	608.23	3	333.38	3	62.14	3	3	3	3	3	3	3	3
1/4	1,461.38	1/4	1,170.18	1/4	883.87	1/4	602.42	1/4	327.73	1/4	56.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,455.26	1/2	1,164.17	1/2	877.95	1/2	596.61	1/2	322.08	1/2	50.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,449.14	3/4	1,158.15	3/4	872.04	3/4	590.80	3/4	316.43	3/4	45.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,443.04	4	1,152.15	4	866.13	4	584.99	4	310.78	4	39.72	4	4	4	4	4	4	4	4
1/4	1,436.93	1/4	1,146.14	1/4	860.23	1/4	579.19	1/4	305.14	1/4	34.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,430.82	1/2	1,140.13	1/2	854.32	1/2	573.38	1/2	299.50	1/2	28.52	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,424.71	3/4	1,134.12	3/4	848.41	3/4	567.58	3/4	293.85	3/4	22.92	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,418.61	5	1,128.12	5	842.52	5	561.79	5	288.19	5	17.33	5	5	5	5	5	5	5	5
1/4	1,412.51	1/4	1,122.13	1/4	836.62	1/4	555.99	1/4	282.52	1/4	11.73	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,406.41	1/2	1,116.13	1/2	830.72	1/2	550.19	1/2	276.86	1/2	6.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,400.31	3/4	1,110.13	3/4	824.82	3/4	544.40	3/4	271.19	3/4	0.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,394.22	6	1,104.14	6	818.94	6	538.61	6	265.51	6		6	6	6	6	6	6	6	6
1/4	1,388.12	1/4	1,098.15	1/4	813.05	1/4	532.82	1/4	259.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,382.03	1/2	1,092.16	1/2	807.16	1/2	527.04	1/2	254.14	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,375.94	3/4	1,086.17	3/4	801.27	3/4	521.25	3/4	248.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,369.86	7	1,080.18	7	795.39	7	515.50	7	242.78	7		7	7	7	7	7	7	7	7
1/4	1,363.77	1/4	1,074.20	1/4	789.51	1/4	509.75	1/4	237.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,357.69	1/2	1,068.22	1/2	783.63	1/2	504.00	1/2	231.42	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,351.61	3/4	1,062.24	3/4	777.75	3/4	498.25	3/4	225.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,345.53	8	1,056.27	8	771.88	8	492.54	8	220.08	8		8	8	8	8	8	8	8	8
1/4	1,339.46	1/4	1,050.29	1/4	766.00	1/4	486.83	1/4	214.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,333.38	1/2	1,044.32	1/2	760.13	1/2	481.12	1/2	208.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,327.31	3/4	1,038.34	3/4	754.26	3/4	475.41	3/4	203.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,321.24	9	1,032.38	9	748.40	9	469.70	9	197.42	9		9	9	9	9	9	9	9	9
1/4	1,315.17	1/4	1,026.41	1/4	742.53	1/4	464.00	1/4	191.76	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,309.11	1/2	1,020.45	1/2	736.67	1/2	458.30	1/2	186.10	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,303.04	3/4	1,014.49	3/4	730.81	3/4	452.59	3/4	180.44	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,296.98	10	1,008.53	10	724.95	10	446.90	10	174.79	10		10	10	10	10	10	10	10	10
1/4	1,290.92	1/4	1,002.57	1/4	719.10	1/4	441.20	1/4	169.14	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,284.86	1/2	996.62	1/2	713.24	1/2	435.51	1/2	163.48	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,278.81	3/4	990.66	3/4	707.39	3/4	429.81	3/4	157.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,272.76	11	984.71	11	701.54	11	424.13	11	152.19	11		11	11	11	11	11	11	11	11
1/4	1,266.71	1/4	978.76	1/4	695.69	1/4	418.44	1/4	146.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,260.66	1/2	972.81	1/2	689.85	1/2	412.75	1/2	140.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,254.61	3/4	966.87	3/4	684.00	3/4	407.07	3/4	135.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/15/2024 JS
CALCULATED: 02/15/2024 CL
PRINTED: 02/16/2024 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "KIRBY 10141"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 213"

GAUGE HEIGHT 15'-06"

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	3,336.13	0	3,069.74	0	2,802.42	0	2,534.74	0	2,266.70	0	1,998.67	0	1,730.63		
1/4		1/4		1/4		1/4	3,330.64	1/4	3,064.17	1/4	2,796.85	1/4	2,529.16	1/4	2,261.12	1/4	1,993.08	1/4	1,725.05		
1/2		1/2		1/2		1/2	3,325.15	1/2	3,058.60	1/2	2,791.28	1/2	2,523.57	1/2	2,255.54	1/2	1,987.50	1/2	1,719.46		
3/4		3/4		3/4		3/4	3,319.66	3/4	3,053.03	3/4	2,785.71	3/4	2,517.99	3/4	2,249.95	3/4	1,981.92	3/4	1,713.88		
1		1		1		1	3,314.17	1	3,047.47	1	2,780.14	1	2,512.41	1	2,244.37	1	1,976.33	1	1,708.29		
1/4		1/4		1/4		1/4	3,308.68	1/4	3,041.90	1/4	2,774.57	1/4	2,506.82	1/4	2,238.78	1/4	1,970.75	1/4	1,702.71		
1/2		1/2		1/2		1/2	3,303.18	1/2	3,036.33	1/2	2,769.01	1/2	2,501.24	1/2	2,233.20	1/2	1,965.16	1/2	1,697.13		
3/4		3/4		3/4		3/4	3,297.69	3/4	3,030.76	3/4	2,763.44	3/4	2,495.65	3/4	2,227.62	3/4	1,959.58	3/4	1,691.54		
2		2		2		2	3,292.20	2	3,025.19	2	2,757.87	2	2,490.07	2	2,222.03	2	1,954.00	2	1,685.96		
1/4		1/4		1/4		1/4	3,286.71	1/4	3,019.62	1/4	2,752.30	1/4	2,484.48	1/4	2,216.45	1/4	1,948.41	1/4	1,680.37		
1/2		1/2		1/2		1/2	3,281.22	1/2	3,014.05	1/2	2,746.73	1/2	2,478.90	1/2	2,210.86	1/2	1,942.83	1/2	1,674.79		
3/4		3/4		3/4		3/4	3,275.73	3/4	3,008.48	3/4	2,741.16	3/4	2,473.32	3/4	2,205.28	3/4	1,937.24	3/4	1,669.21		
3		3		3		3	3,270.23	3	3,002.91	3	2,735.59	3	2,467.73	3	2,199.70	3	1,931.66	3	1,663.62		
1/4		1/4		1/4		1/4	3,264.66	1/4	2,997.34	1/4	2,730.02	1/4	2,462.15	1/4	2,194.11	1/4	1,926.07	1/4	1,658.04		
1/2		1/2		1/2		1/2	3,259.10	1/2	2,991.77	1/2	2,724.45	1/2	2,456.56	1/2	2,188.53	1/2	1,920.49	1/2	1,652.45		
3/4		3/4		3/4		3/4	3,253.53	3/4	2,986.20	3/4	2,718.88	3/4	2,450.98	3/4	2,182.94	3/4	1,914.91	3/4	1,646.87		
4		4		4		4	3,247.96	4	2,980.64	4	2,713.31	4	2,445.40	4	2,177.36	4	1,909.32	4	1,641.29		
1/4		1/4		1/4		1/4	3,242.39	1/4	2,975.07	1/4	2,707.74	1/4	2,439.81	1/4	2,171.78	1/4	1,903.74	1/4	1,635.70		
1/2		1/2		1/2		1/2	3,236.82	1/2	2,969.50	1/2	2,702.18	1/2	2,434.23	1/2	2,166.19	1/2	1,898.15	1/2	1,630.12		
3/4		3/4		3/4		3/4	3,231.25	3/4	2,963.93	3/4	2,696.61	3/4	2,428.64	3/4	2,160.61	3/4	1,892.57	3/4	1,624.53		
5		5		5		5	3,225.68	5	2,958.36	5	2,691.04	5	2,423.06	5	2,155.02	5	1,886.99	5	1,618.95		
1/4		1/4		1/4		1/4	3,220.11	1/4	2,952.79	1/4	2,685.47	1/4	2,417.48	1/4	2,149.44	1/4	1,881.40	1/4	1,613.37		
1/2		1/2		1/2		1/2	3,214.54	1/2	2,947.22	1/2	2,679.90	1/2	2,411.89	1/2	2,143.85	1/2	1,875.82	1/2	1,607.78		
3/4		3/4		3/4		3/4	3,208.97	3/4	2,941.65	3/4	2,674.33	3/4	2,406.31	3/4	2,138.27	3/4	1,870.23	3/4	1,602.20		
6		6		6		6	3,203.40	6	2,936.08	6	2,668.76	6	2,400.72	6	2,132.69	6	1,864.65	6	1,596.61		
1/4		1/4		1/4		1/4	3,197.83	1/4	2,930.51	1/4	2,663.18	1/4	2,395.14	1/4	2,127.10	1/4	1,859.07	1/4	1,591.03		
1/2		1/2		1/2		1/2	3,192.26	1/2	2,924.94	1/2	2,657.59	1/2	2,389.55	1/2	2,121.52	1/2	1,853.48	1/2	1,585.44		
3/4		3/4		3/4		3/4	3,186.70	3/4	2,919.37	3/4	2,652.01	3/4	2,383.97	3/4	2,115.93	3/4	1,847.90	3/4	1,579.86		
7		7		7		7	3,181.13	7	2,913.80	7	2,646.42	7	2,378.39	7	2,110.35	7	1,842.31	7	1,574.28		
1/4		1/4		1/4		1/4	3,175.56	1/4	2,908.24	1/4	2,640.84	1/4	2,372.80	1/4	2,104.77	1/4	1,836.73	1/4	1,568.69		
1/2		1/2		1/2		1/2	3,380.62	1/2	3,169.99	1/2	2,902.67	1/2	2,635.26	1/2	2,367.22	1/2	2,099.18	1/2	1,831.14	1/2	1,563.11
3/4		3/4		3/4		3/4	3,380.34	3/4	3,164.42	3/4	2,897.10	3/4	2,629.67	3/4	2,361.63	3/4	2,093.60	3/4	1,825.56	3/4	1,557.52
8		8		8		8	3,380.06	8	3,158.85	8	2,891.53	8	2,624.09	8	2,356.05	8	2,088.01	8	1,819.98	8	1,551.94
1/4		1/4		1/4		1/4	3,378.94	1/4	3,153.28	1/4	2,885.96	1/4	2,618.50	1/4	2,350.47	1/4	2,082.43	1/4	1,814.39	1/4	1,546.36
1/2		1/2		1/2		1/2	3,377.83	1/2	3,147.71	1/2	2,880.39	1/2	2,612.92	1/2	2,344.88	1/2	2,076.85	1/2	1,808.81	1/2	1,540.77
3/4		3/4		3/4		3/4	3,376.71	3/4	3,142.14	3/4	2,874.82	3/4	2,607.33	3/4	2,339.30	3/4	2,071.26	3/4	1,803.22	3/4	1,535.19
9		9		9		9	3,375.59	9	3,136.57	9	2,869.25	9	2,601.75	9	2,333.71	9	2,065.68	9	1,797.64	9	1,529.60
1/4		1/4		1/4		1/4	3,373.36	1/4	3,131.00	1/4	2,863.68	1/4	2,596.17	1/4	2,328.13	1/4	2,060.09	1/4	1,792.06	1/4	1,524.02
1/2		1/2		1/2		1/2	3,371.12	1/2	3,125.43	1/2	2,858.11	1/2	2,590.58	1/2	2,322.55	1/2	2,054.51	1/2	1,786.47	1/2	1,518.44
3/4		3/4		3/4		3/4	3,368.89	3/4	3,119.87	3/4	2,852.54	3/4	2,585.00	3/4	2,316.96	3/4	2,048.92	3/4	1,780.89	3/4	1,512.85
10		10		10		10	3,366.66	10	3,114.30	10	2,846.97	10	2,579.41	10	2,311.38	10	2,043.34	10	1,775.30	10	1,507.27
1/4		1/4		1/4		1/4	3,363.40	1/4	3,108.73	1/4	2,841.41	1/4	2,573.83	1/4	2,305.79	1/4	2,037.76	1/4	1,769.72	1/4	1,501.68
1/2		1/2		1/2		1/2	3,360.14	1/2	3,103.16	1/2	2,835.84	1/2	2,568.25	1/2	2,300.21	1/2	2,032.17	1/2	1,764.14	1/2	1,496.10
3/4		3/4		3/4		3/4	3,356.88	3/4	3,097.59	3/4	2,830.27	3/4	2,562.66	3/4	2,294.63	3/4	2,026.59	3/4	1,758.55	3/4	1,490.51
11		11		11		11	3,353.62	11	3,092.02	11	2,824.70	11	2,557.08	11	2,289.04	11	2,021.00	11	1,752.97	11	1,484.93
1/4		1/4		1/4		1/4	3,349.25	1/4	3,086.45	1/4	2,819.13	1/4	2,551.49	1/4	2,283.46	1/4	2,015.42	1/4	1,747.38	1/4	1,479.35
1/2		1/2		1/2		1/2	3,344.88	1/2	3,080.88	1/2	2,813.56	1/2	2,545.91	1/2	2,277.87	1/2	2,009.84	1/2	1,741.80	1/2	1,473.76
3/4		3/4		3/4		3/4	3,340.51	3/4	3,075.31	3/4	2,807.99	3/4	2,540.33	3/4	2,272.29	3/4	2,004.25	3/4	1,736.22	3/4	1,468.18

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 30'-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 10141"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 213"

GAUGE HEIGHT 15'-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	1,462.59	0	1,194.56	0	926.52	0	658.48	0	395.91	0	134.55	0		0		0		0	
1/4	1,457.01	1/4	1,188.97	1/4	920.94	1/4	652.90	1/4	390.62	1/4	128.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,451.43	1/2	1,183.39	1/2	915.35	1/2	647.32	1/2	385.34	1/2	123.39	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,445.84	3/4	1,177.81	3/4	909.77	3/4	641.73	3/4	380.06	3/4	117.80	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,440.26	1	1,172.22	1	904.18	1	636.15	1	374.78	1	112.22	1	1	1	1	1	1	1	1
1/4	1,434.67	1/4	1,166.64	1/4	898.60	1/4	630.56	1/4	369.50	1/4	106.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,429.09	1/2	1,161.05	1/2	893.02	1/2	624.98	1/2	364.22	1/2	101.05	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,423.51	3/4	1,155.47	3/4	887.43	3/4	619.40	3/4	358.94	3/4	95.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,417.92	2	1,149.88	2	881.85	2	613.81	2	353.66	2	89.89	2	2	2	2	2	2	2	2
1/4	1,412.34	1/4	1,144.30	1/4	876.26	1/4	608.23	1/4	348.38	1/4	84.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,406.75	1/2	1,138.72	1/2	870.68	1/2	602.64	1/2	343.10	1/2	78.72	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,401.17	3/4	1,133.13	3/4	865.10	3/4	597.06	3/4	337.82	3/4	73.13	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,395.59	3	1,127.55	3	859.51	3	591.47	3	332.53	3	67.55	3	3	3	3	3	3	3	3
1/4	1,390.00	1/4	1,121.96	1/4	853.93	1/4	585.89	1/4	327.25	1/4	61.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,384.42	1/2	1,116.38	1/2	848.34	1/2	580.31	1/2	321.97	1/2	56.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,378.83	3/4	1,110.80	3/4	842.76	3/4	574.72	3/4	316.69	3/4	50.80	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,373.25	4	1,105.21	4	837.18	4	569.14	4	311.41	4	45.22	4	4	4	4	4	4	4	4
1/4	1,367.66	1/4	1,099.63	1/4	831.59	1/4	563.55	1/4	306.13	1/4	39.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,362.08	1/2	1,094.04	1/2	826.01	1/2	557.97	1/2	300.85	1/2	34.05	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,356.50	3/4	1,088.46	3/4	820.42	3/4	552.39	3/4	295.57	3/4	28.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,350.91	5	1,082.88	5	814.84	5	546.80	5	290.29	5	22.88	5	5	5	5	5	5	5	5
1/4	1,345.33	1/4	1,077.29	1/4	809.25	1/4	541.22	1/4	284.85	1/4	17.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,339.74	1/2	1,071.71	1/2	803.67	1/2	535.63	1/2	279.42	1/2	11.72	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,334.16	3/4	1,066.12	3/4	798.09	3/4	530.05	3/4	273.99	3/4	6.13	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,328.58	6	1,060.54	6	792.50	6	524.47	6	268.56	6	0.55	6	6	6	6	6	6	6	6
1/4	1,322.99	1/4	1,054.96	1/4	786.92	1/4	518.88	1/4	262.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,317.41	1/2	1,049.37	1/2	781.33	1/2	513.30	1/2	257.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,311.82	3/4	1,043.79	3/4	775.75	3/4	507.71	3/4	251.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,306.24	7	1,038.20	7	770.17	7	502.13	7	246.22	7		7	7	7	7	7	7	7	7
1/4	1,300.66	1/4	1,032.62	1/4	764.58	1/4	496.70	1/4	240.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,295.07	1/2	1,027.03	1/2	759.00	1/2	491.26	1/2	235.06	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,289.49	3/4	1,021.45	3/4	753.41	3/4	485.83	3/4	229.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,283.90	8	1,015.87	8	747.83	8	480.40	8	223.89	8		8	8	8	8	8	8	8	8
1/4	1,278.32	1/4	1,010.28	1/4	742.25	1/4	475.12	1/4	218.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,272.73	1/2	1,004.70	1/2	736.66	1/2	469.84	1/2	212.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,267.15	3/4	999.11	3/4	731.08	3/4	464.56	3/4	207.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,261.57	9	993.53	9	725.49	9	459.28	9	201.56	9		9	9	9	9	9	9	9	9
1/4	1,255.98	1/4	987.95	1/4	719.91	1/4	454.00	1/4	195.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,250.40	1/2	982.36	1/2	714.32	1/2	448.71	1/2	190.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,244.81	3/4	976.78	3/4	708.74	3/4	443.43	3/4	184.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,239.23	10	971.19	10	703.16	10	438.15	10	179.22	10		10	10	10	10	10	10	10	10
1/4	1,233.65	1/4	965.61	1/4	697.57	1/4	432.87	1/4	173.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,228.06	1/2	960.03	1/2	691.99	1/2	427.59	1/2	168.05	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,222.48	3/4	954.44	3/4	686.40	3/4	422.31	3/4	162.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,216.89	11	948.86	11	680.82	11	417.03	11	156.89	11		11	11	11	11	11	11	11	11
1/4	1,211.31	1/4	943.27	1/4	675.24	1/4	411.75	1/4	151.30	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,205.73	1/2	937.69	1/2	669.65	1/2	406.47	1/2	145.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,200.14	3/4	932.10	3/4	664.07	3/4	401.19	3/4	140.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/15/2024 JS
CALCULATED: 02/15/2024 CL
PRINTED: 02/16/2024 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "KIRBY 10141"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 213"

GAUGE HEIGHT 15'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 29'-01" 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 10141"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 213"

GAUGE HEIGHT 15'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,437.86	0	1,171.12	0	904.39	0	637.65	0	378.03	0	117.58	0		0		0		0	
1/4	1,432.30	1/4	1,165.57	1/4	898.83	1/4	632.09	1/4	372.81	1/4	112.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,426.74	1/2	1,160.01	1/2	893.27	1/2	626.54	1/2	367.59	1/2	106.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,421.19	3/4	1,154.45	3/4	887.72	3/4	620.98	3/4	362.37	3/4	100.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,415.63	1	1,148.89	1	882.16	1	615.42	1	357.16	1	95.29	1	1	1	1	1	1	1	1
1/4	1,410.07	1/4	1,143.34	1/4	876.60	1/4	609.87	1/4	351.94	1/4	89.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,404.52	1/2	1,137.78	1/2	871.04	1/2	604.31	1/2	346.72	1/2	84.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,398.96	3/4	1,132.22	3/4	865.49	3/4	598.75	3/4	341.50	3/4	78.57	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,393.40	2	1,126.67	2	859.93	2	593.19	2	336.28	2	72.99	2	2	2	2	2	2	2	2
1/4	1,387.85	1/4	1,121.11	1/4	854.37	1/4	587.64	1/4	331.06	1/4	67.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,382.29	1/2	1,115.55	1/2	848.82	1/2	582.08	1/2	325.85	1/2	61.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,376.73	3/4	1,110.00	3/4	843.26	3/4	576.52	3/4	320.63	3/4	56.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,371.17	3	1,104.44	3	837.70	3	570.97	3	315.41	3	50.70	3	3	3	3	3	3	3	3
1/4	1,365.62	1/4	1,098.88	1/4	832.15	1/4	565.41	1/4	310.19	1/4	45.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,360.06	1/2	1,093.32	1/2	826.59	1/2	559.85	1/2	304.97	1/2	39.56	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,354.50	3/4	1,087.77	3/4	821.03	3/4	554.30	3/4	299.76	3/4	33.99	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,348.95	4	1,082.21	4	815.47	4	548.74	4	294.54	4	28.41	4	4	4	4	4	4	4	4
1/4	1,343.39	1/4	1,076.65	1/4	809.92	1/4	543.18	1/4	289.32	1/4	22.84	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,337.83	1/2	1,071.10	1/2	804.36	1/2	537.62	1/2	283.93	1/2	17.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,332.28	3/4	1,065.54	3/4	798.80	3/4	532.07	3/4	278.54	3/4	11.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,326.72	5	1,059.98	5	793.25	5	526.51	5	273.15	5	6.12	5	5	5	5	5	5	5	5
1/4	1,321.16	1/4	1,054.43	1/4	787.69	1/4	520.95	1/4	267.76	1/4	0.55	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,315.60	1/2	1,048.87	1/2	782.13	1/2	515.40	1/2	262.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,310.05	3/4	1,043.31	3/4	776.58	3/4	509.84	3/4	256.64	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,304.49	6	1,037.75	6	771.02	6	504.28	6	251.08	6	6	6	6	6	6	6	6	6	6
1/4	1,298.93	1/4	1,032.20	1/4	765.46	1/4	498.73	1/4	245.52	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,293.38	1/2	1,026.64	1/2	759.90	1/2	493.34	1/2	239.96	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,287.82	3/4	1,021.08	3/4	754.35	3/4	487.95	3/4	234.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,282.26	7	1,015.53	7	748.79	7	482.56	7	228.83	7		7	7	7	7	7	7	7	7
1/4	1,276.71	1/4	1,009.97	1/4	743.23	1/4	477.17	1/4	223.27	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,271.15	1/2	1,004.41	1/2	737.68	1/2	471.96	1/2	217.71	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,265.59	3/4	998.86	3/4	732.12	3/4	466.74	3/4	212.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,260.03	8	993.30	8	726.56	8	461.52	8	206.59	8		8	8	8	8	8	8	8	8
1/4	1,254.48	1/4	987.74	1/4	721.01	1/4	456.30	1/4	201.03	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,248.92	1/2	982.18	1/2	715.45	1/2	451.08	1/2	195.47	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,243.36	3/4	976.63	3/4	709.89	3/4	445.87	3/4	189.91	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,237.81	9	971.07	9	704.33	9	440.65	9	184.34	9		9	9	9	9	9	9	9	9
1/4	1,232.25	1/4	965.51	1/4	698.78	1/4	435.43	1/4	178.78	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,226.69	1/2	959.96	1/2	693.22	1/2	430.21	1/2	173.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,221.14	3/4	954.40	3/4	687.66	3/4	424.99	3/4	167.66	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,215.58	10	948.84	10	682.11	10	419.77	10	162.10	10		10	10	10	10	10	10	10	10
1/4	1,210.02	1/4	943.29	1/4	676.55	1/4	414.56	1/4	156.54	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,204.46	1/2	937.73	1/2	670.99	1/2	409.34	1/2	150.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,198.91	3/4	932.17	3/4	665.44	3/4	404.12	3/4	145.42	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,193.35	11	926.61	11	659.88	11	398.90	11	139.86	11		11	11	11	11	11	11	11	11
1/4	1,187.79	1/4	921.06	1/4	654.32	1/4	393.68	1/4	134.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,182.24	1/2	915.50	1/2	648.76	1/2	388.46	1/2	128.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,176.68	3/4	909.94	3/4	643.21	3/4	383.25	3/4	123.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/15/2024 JS
CALCULATED: 02/15/2024 CL
PRINTED: 02/16/2024 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

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





BARGE "KIRBY 10141"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	304	0		0		0		0		0		0		0		0	
1/4	6	1/4	310	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	13	1/2	316	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	323	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	25	1	329	1		1		1		1		1		1		1		1	
1/4	32	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	51	2		2		2		2		2		2		2		2		2	
1/4	57	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	63	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	70	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	76	3		3		3		3		3		3		3		3		3	
1/4	82	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	89	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	95	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	101	4		4		4		4		4		4		4		4		4	
1/4	108	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	127	5		5		5		5		5		5		5		5		5	
1/4	133	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	139	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	145	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	152	6		6		6		6		6		6		6		6		6	
1/4	158	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	171	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	177	7		7		7		7		7		7		7		7		7	
1/4	183	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	190	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	196	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	202	8		8		8		8		8		8		8		8		8	
1/4	209	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	215	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	221	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	228	9		9		9		9		9		9		9		9		9	
1/4	234	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	240	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	247	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	253	10		10		10		10		10		10		10		10		10	
1/4	259	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	266	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	272	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	278	11		11		11		11		11		11		11		11		11	
1/4	285	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	291	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	297	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES

STRAPPED: 02/08/2024 JS
 CALCULATED: 02/09/2024 CL
 VERIFIED: 02/09/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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