



BARGE "KIRBY 28718"

ULLAGE (MMC)
FORMERLY "SMS 30035"

	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 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 PORT	00-3/4	- 00-3/4	01-3/8	- 01-3/8	02-0/8	- 02-0/8	02-3/4	- 02-3/4	03-1/2	- 03-1/2	04-1/8	- 04-1/8
3 STBD	00-3/4	- 00-3/4	01-3/8	- 01-3/8	02-0/8	- 02-0/8	02-3/4	- 02-3/4	03-1/2	- 03-1/2	04-1/8	- 04-1/8

(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 3 PORT IS - 01-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 3'-10 5/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

August 22, 2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28718"

1 PORT ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30035"

GAUGE HEIGHT 15'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,806.11	0	1,447.55	0	1,089.11	0	732.65	0	382.62	0	71.59	0		0		0		0	
1/4	1,798.64	1/4	1,440.08	1/4	1,081.67	1/4	725.18	1/4	375.53	1/4	65.75	1/4		1/4		1/4		1/4	
1/2	1,791.17	1/2	1,432.61	1/2	1,074.23	1/2	717.71	1/2	368.43	1/2	59.91	1/2		1/2		1/2		1/2	
3/4	1,783.70	3/4	1,425.14	3/4	1,066.79	3/4	710.24	3/4	361.34	3/4	53.87	3/4		3/4		3/4		3/4	
1	1,776.23	1	1,417.67	1	1,059.36	1	702.77	1	354.33	1	48.62	1		1		1		1	
1/4	1,768.76	1/4	1,410.20	1/4	1,051.93	1/4	695.30	1/4	347.32	1/4	43.37	1/4		1/4		1/4		1/4	
1/2	1,761.29	1/2	1,402.73	1/2	1,044.50	1/2	687.83	1/2	340.31	1/2	38.12	1/2		1/2		1/2		1/2	
3/4	1,753.82	3/4	1,395.26	3/4	1,037.07	3/4	680.36	3/4	333.31	3/4	32.87	3/4		3/4		3/4		3/4	
2	1,746.35	2	1,387.79	2	1,029.64	2	672.89	2	326.39	2	29.34	2		2		2		2	
1/4	1,738.88	1/4	1,380.32	1/4	1,022.22	1/4	665.42	1/4	319.47	1/4	25.82	1/4		1/4		1/4		1/4	
1/2	1,731.41	1/2	1,372.85	1/2	1,014.79	1/2	657.95	1/2	312.55	1/2	22.29	1/2		1/2		1/2		1/2	
3/4	1,723.94	3/4	1,365.38	3/4	1,007.36	3/4	650.48	3/4	305.63	3/4		3/4		3/4		3/4		3/4	
3	1,716.47	3	1,357.91	3	999.94	3	643.01	3	298.80	3		3		3		3		3	
1/4	1,709.00	1/4	1,350.44	1/4	992.52	1/4	635.74	1/4	291.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,701.53	1/2	1,342.97	1/2	985.10	1/2	628.47	1/2	285.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,694.06	3/4	1,335.50	3/4	977.68	3/4	621.20	3/4	278.30	3/4		3/4		3/4		3/4		3/4	
4	1,686.59	4	1,328.03	4	970.26	4	613.93	4	271.56	4		4		4		4		4	
1/4	1,679.12	1/4	1,320.56	1/4	962.84	1/4	606.67	1/4	264.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,671.65	1/2	1,313.09	1/2	955.42	1/2	599.40	1/2	258.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,664.18	3/4	1,305.62	3/4	948.00	3/4	592.13	3/4	251.33	3/4		3/4		3/4		3/4		3/4	
5	1,656.71	5	1,298.15	5	940.58	5	584.86	5	244.68	5		5		5		5		5	
1/4	1,649.24	1/4	1,290.68	1/4	933.16	1/4	577.59	1/4	238.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,641.77	1/2	1,283.21	1/2	925.75	1/2	570.33	1/2	231.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,634.30	3/4	1,275.74	3/4	918.33	3/4	563.06	3/4	224.91	3/4		3/4		3/4		3/4		3/4	
6	1,626.83	6	1,268.27	6	910.91	6	555.79	6	218.55	6		6		6		6		6	
1/4	1,619.36	1/4	1,260.80	1/4	903.49	1/4	548.52	1/4	212.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,611.89	1/2	1,253.33	1/2	896.07	1/2	541.25	1/2	205.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,604.42	3/4	1,245.86	3/4	888.65	3/4	533.98	3/4	199.45	3/4		3/4		3/4		3/4		3/4	
7	1,596.95	7	1,238.39	7	881.23	7	526.72	7	193.17	7		7		7		7		7	
1/4	1,589.48	1/4	1,230.92	1/4	873.81	1/4	519.45	1/4	186.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,582.01	1/2	1,223.45	1/2	866.39	1/2	512.18	1/2	180.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,574.54	3/4	1,215.98	3/4	858.97	3/4	504.91	3/4	174.34	3/4		3/4		3/4		3/4		3/4	
8	1,567.07	8	1,208.51	8	851.55	8	497.68	8	168.15	8		8		8		8		8	
1/4	1,559.60	1/4	1,201.04	1/4	844.14	1/4	490.44	1/4	161.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,552.13	1/2	1,193.57	1/2	836.72	1/2	483.21	1/2	155.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,544.66	3/4	1,186.10	3/4	829.30	3/4	475.97	3/4	149.58	3/4		3/4		3/4		3/4		3/4	
9	1,537.19	9	1,178.63	9	821.88	9	468.81	9	143.48	9		9		9		9		9	
1/4	1,529.72	1/4	1,171.16	1/4	814.46	1/4	461.65	1/4	137.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,522.25	1/2	1,163.69	1/2	807.04	1/2	454.50	1/2	131.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,514.78	3/4	1,156.22	3/4	799.62	3/4	447.34	3/4	125.18	3/4		3/4		3/4		3/4		3/4	
10	1,507.31	10	1,148.75	10	792.20	10	440.27	10	119.16	10		10		10		10		10	
1/4	1,499.84	1/4	1,141.28	1/4	784.78	1/4	433.00	1/4	113.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,492.37	1/2	1,133.81	1/2	777.36	1/2	425.72	1/2	107.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,484.90	3/4	1,126.34	3/4	769.94	3/4	418.45	3/4	101.12	3/4		3/4		3/4		3/4		3/4	
11	1,477.43	11	1,118.89	11	762.49	11	411.27	11	95.20	11		11		11		11		11	
1/4	1,469.96	1/4	1,111.45	1/4	755.03	1/4	404.09	1/4	89.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,462.49	1/2	1,104.00	1/2	747.57	1/2	396.90	1/2	83.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,455.02	3/4	1,096.55	3/4	740.12	3/4	389.72	3/4	77.42	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
NAME CHANGE: 08/22/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

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GAUGE HEIGHT 15'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,807.30	0	1,448.83	0	1,090.36	0	732.39	0	382.52	0	71.56	0		0		0		0	
1/4	1,799.83	1/4	1,441.37	1/4	1,082.90	1/4	724.93	1/4	375.43	1/4	65.73	1/4		1/4		1/4		1/4	
1/2	1,792.37	1/2	1,433.90	1/2	1,075.43	1/2	717.46	1/2	368.33	1/2	59.89	1/2		1/2		1/2		1/2	
3/4	1,784.90	3/4	1,426.43	3/4	1,067.96	3/4	709.99	3/4	361.24	3/4	53.85	3/4		3/4		3/4		3/4	
1	1,777.43	1	1,418.96	1	1,060.50	1	702.52	1	354.24	1	48.60	1		1		1		1	
1/4	1,769.96	1/4	1,411.49	1/4	1,053.03	1/4	695.05	1/4	347.23	1/4	43.36	1/4		1/4		1/4		1/4	
1/2	1,762.49	1/2	1,404.02	1/2	1,045.57	1/2	687.59	1/2	340.22	1/2	38.11	1/2		1/2		1/2		1/2	
3/4	1,755.03	3/4	1,396.56	3/4	1,038.11	3/4	680.12	3/4	333.22	3/4	32.86	3/4		3/4		3/4		3/4	
2	1,747.56	2	1,389.09	2	1,030.65	2	672.65	2	326.30	2	29.33	2		2		2		2	
1/4	1,740.09	1/4	1,381.62	1/4	1,023.18	1/4	665.18	1/4	319.38	1/4	25.80	1/4		1/4		1/4		1/4	
1/2	1,732.62	1/2	1,374.15	1/2	1,015.72	1/2	657.72	1/2	312.46	1/2	22.28	1/2		1/2		1/2		1/2	
3/4	1,725.15	3/4	1,366.68	3/4	1,008.26	3/4	650.25	3/4	305.55	3/4		3/4		3/4		3/4		3/4	
3	1,717.68	3	1,359.22	3	1,000.81	3	642.78	3	298.72	3		3		3		3		3	
1/4	1,710.22	1/4	1,351.75	1/4	993.35	1/4	635.51	1/4	291.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,702.75	1/2	1,344.28	1/2	985.89	1/2	628.25	1/2	285.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,695.28	3/4	1,336.81	3/4	978.44	3/4	620.98	3/4	278.23	3/4		3/4		3/4		3/4		3/4	
4	1,687.81	4	1,329.34	4	970.98	4	613.71	4	271.49	4		4		4		4		4	
1/4	1,680.34	1/4	1,321.88	1/4	963.53	1/4	606.45	1/4	264.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,672.88	1/2	1,314.41	1/2	956.07	1/2	599.18	1/2	258.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,665.41	3/4	1,306.94	3/4	948.62	3/4	591.92	3/4	251.26	3/4		3/4		3/4		3/4		3/4	
5	1,657.94	5	1,299.47	5	941.17	5	584.65	5	244.61	5		5		5		5		5	
1/4	1,650.47	1/4	1,292.00	1/4	933.71	1/4	577.38	1/4	237.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,643.00	1/2	1,284.54	1/2	926.26	1/2	570.12	1/2	231.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,635.54	3/4	1,277.07	3/4	918.80	3/4	562.85	3/4	224.85	3/4		3/4		3/4		3/4		3/4	
6	1,628.07	6	1,269.60	6	911.35	6	555.59	6	218.49	6		6		6		6		6	
1/4	1,620.60	1/4	1,262.13	1/4	903.90	1/4	548.33	1/4	212.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,613.13	1/2	1,254.66	1/2	896.44	1/2	541.07	1/2	205.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,605.66	3/4	1,247.19	3/4	888.99	3/4	533.81	3/4	199.39	3/4		3/4		3/4		3/4		3/4	
7	1,598.20	7	1,239.73	7	881.53	7	526.55	7	193.12	7		7		7		7		7	
1/4	1,590.73	1/4	1,232.26	1/4	874.08	1/4	519.29	1/4	186.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,583.26	1/2	1,224.79	1/2	866.62	1/2	512.03	1/2	180.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,575.79	3/4	1,217.32	3/4	859.17	3/4	504.77	3/4	174.29	3/4		3/4		3/4		3/4		3/4	
8	1,568.32	8	1,209.85	8	851.72	8	497.54	8	168.10	8		8		8		8		8	
1/4	1,560.85	1/4	1,202.39	1/4	844.26	1/4	490.31	1/4	161.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,553.39	1/2	1,194.92	1/2	836.81	1/2	483.08	1/2	155.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,545.92	3/4	1,187.45	3/4	829.35	3/4	475.85	3/4	149.54	3/4		3/4		3/4		3/4		3/4	
9	1,538.45	9	1,179.98	9	821.90	9	468.69	9	143.44	9		9		9		9		9	
1/4	1,530.98	1/4	1,172.51	1/4	814.44	1/4	461.53	1/4	137.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,523.51	1/2	1,165.05	1/2	806.99	1/2	454.38	1/2	131.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,516.05	3/4	1,157.58	3/4	799.54	3/4	447.22	3/4	125.14	3/4		3/4		3/4		3/4		3/4	
10	1,508.58	10	1,150.11	10	792.08	10	440.15	10	119.13	10		10		10		10		10	
1/4	1,501.11	1/4	1,142.64	1/4	784.63	1/4	432.88	1/4	113.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,493.64	1/2	1,135.17	1/2	777.17	1/2	425.61	1/2	107.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,486.17	3/4	1,127.71	3/4	769.72	3/4	418.34	3/4	101.09	3/4		3/4		3/4		3/4		3/4	
11	1,478.71	11	1,120.24	11	762.26	11	411.16	11	95.17	11		11		11		11		11	
1/4	1,471.24	1/4	1,112.77	1/4	754.79	1/4	403.98	1/4	89.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,463.77	1/2	1,105.30	1/2	747.33	1/2	396.80	1/2	83.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,456.30	3/4	1,097.83	3/4	739.86	3/4	389.62	3/4	77.40	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
NAME CHANGE: 08/22/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

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2 STBD ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30035"

GAUGE HEIGHT 15'-03"

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	1,890.96	0	1,531.53	0	1,172.10	0	813.12	0	459.37	0	104.80	0		0		0		0	
1/4	1,883.47	1/4	1,524.04	1/4	1,164.61	1/4	805.64	1/4	451.88	1/4	97.52	1/4		1/4		1/4		1/4	
1/2	1,875.98	1/2	1,516.55	1/2	1,157.12	1/2	798.15	1/2	444.39	1/2	90.23	1/2		1/2		1/2		1/2	
3/4	1,868.49	3/4	1,509.06	3/4	1,149.63	3/4	790.66	3/4	436.90	3/4	82.94	3/4		3/4		3/4		3/4	
1	1,861.00	1	1,501.57	1	1,142.15	1	783.18	1	429.42	1	75.66	1		1		1		1	
1/4	1,853.51	1/4	1,494.09	1/4	1,134.66	1/4	775.69	1/4	421.93	1/4	68.17	1/4		1/4		1/4		1/4	
1/2	1,846.03	1/2	1,486.60	1/2	1,127.17	1/2	768.20	1/2	414.44	1/2	61.38	1/2		1/2		1/2		1/2	
3/4	1,838.54	3/4	1,479.11	3/4	1,119.69	3/4	760.71	3/4	406.95	3/4	54.60	3/4		3/4		3/4		3/4	
2	1,831.05	2	1,471.62	2	1,112.21	2	753.22	2	399.46	2	47.81	2		2		2		2	
1/4	1,823.56	1/4	1,464.13	1/4	1,104.72	1/4	745.74	1/4	391.98	1/4	41.03	1/4		1/4		1/4		1/4	
1/2	1,816.07	1/2	1,456.65	1/2	1,097.24	1/2	738.25	1/2	384.49	1/2	35.88	1/2		1/2		1/2		1/2	
3/4	1,808.59	3/4	1,449.16	3/4	1,089.76	3/4	730.76	3/4	377.00	3/4	30.73	3/4		3/4		3/4		3/4	
3	1,801.10	3	1,441.67	3	1,082.27	3	723.27	3	369.51	3	25.58	3		3		3		3	
1/4	1,793.61	1/4	1,434.18	1/4	1,074.79	1/4	715.78	1/4	362.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,786.12	1/2	1,426.69	1/2	1,067.31	1/2	708.30	1/2	354.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,778.63	3/4	1,419.21	3/4	1,059.84	3/4	701.01	3/4	347.05	3/4		3/4		3/4		3/4		3/4	
4	1,771.15	4	1,411.72	4	1,052.36	4	693.73	4	339.56	4		4		4		4		4	
1/4	1,763.66	1/4	1,404.23	1/4	1,044.88	1/4	686.44	1/4	332.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,756.17	1/2	1,396.74	1/2	1,037.41	1/2	679.15	1/2	324.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,748.68	3/4	1,389.25	3/4	1,029.93	3/4	671.87	3/4	317.10	3/4		3/4		3/4		3/4		3/4	
5	1,741.19	5	1,381.76	5	1,022.46	5	664.58	5	309.61	5		5		5		5		5	
1/4	1,733.71	1/4	1,374.28	1/4	1,014.98	1/4	657.30	1/4	302.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,726.22	1/2	1,366.79	1/2	1,007.51	1/2	650.01	1/2	294.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,718.73	3/4	1,359.30	3/4	1,000.03	3/4	642.72	3/4	287.15	3/4		3/4		3/4		3/4		3/4	
6	1,711.24	6	1,351.81	6	992.56	6	635.44	6	279.66	6		6		6		6		6	
1/4	1,703.75	1/4	1,344.32	1/4	985.08	1/4	628.15	1/4	272.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,696.26	1/2	1,336.84	1/2	977.61	1/2	620.87	1/2	265.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,688.78	3/4	1,329.35	3/4	970.13	3/4	613.58	3/4	257.80	3/4		3/4		3/4		3/4		3/4	
7	1,681.29	7	1,321.86	7	962.66	7	606.30	7	250.51	7		7		7		7		7	
1/4	1,673.80	1/4	1,314.37	1/4	955.18	1/4	599.01	1/4	243.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,666.31	1/2	1,306.88	1/2	947.71	1/2	591.72	1/2	235.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,658.82	3/4	1,299.40	3/4	940.23	3/4	584.44	3/4	228.66	3/4		3/4		3/4		3/4		3/4	
8	1,651.34	8	1,291.91	8	932.76	8	577.15	8	221.37	8		8		8		8		8	
1/4	1,643.85	1/4	1,284.42	1/4	925.28	1/4	569.87	1/4	214.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,636.36	1/2	1,276.93	1/2	917.81	1/2	562.58	1/2	206.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,628.87	3/4	1,269.44	3/4	910.33	3/4	555.30	3/4	199.51	3/4		3/4		3/4		3/4		3/4	
9	1,621.38	9	1,261.95	9	902.86	9	548.01	9	192.23	9		9		9		9		9	
1/4	1,613.90	1/4	1,254.47	1/4	895.38	1/4	540.72	1/4	184.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,606.41	1/2	1,246.98	1/2	887.91	1/2	533.44	1/2	177.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,598.92	3/4	1,239.49	3/4	880.43	3/4	526.15	3/4	170.37	3/4		3/4		3/4		3/4		3/4	
10	1,591.43	10	1,232.00	10	872.95	10	518.87	10	163.09	10		10		10		10		10	
1/4	1,583.94	1/4	1,224.51	1/4	865.48	1/4	511.58	1/4	155.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,576.46	1/2	1,217.03	1/2	858.00	1/2	504.29	1/2	148.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,568.97	3/4	1,209.54	3/4	850.53	3/4	496.81	3/4	141.23	3/4		3/4		3/4		3/4		3/4	
11	1,561.48	11	1,202.05	11	843.05	11	489.32	11	133.94	11		11		11		11		11	
1/4	1,553.99	1/4	1,194.56	1/4	835.58	1/4	481.83	1/4	126.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,546.50	1/2	1,187.07	1/2	828.09	1/2	474.34	1/2	119.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,539.01	3/4	1,179.59	3/4	820.61	3/4	466.86	3/4	112.09	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
NAME CHANG: 08/22/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

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



BARGE "KIRBY 28718"

3 PORT ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30035"

GAUGE HEIGHT 15'-03 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	1,878.58	0	1,521.09	0	1,163.88	0	816.75	0	464.78	0	111.72	0		0		0		0	
1/4	1,871.15	1/4	1,513.64	1/4	1,156.59	1/4	809.35	1/4	457.33	1/4	104.46	1/4		1/4		1/4		1/4	
1/2	1,863.72	1/2	1,506.19	1/2	1,149.30	1/2	801.96	1/2	449.88	1/2	97.20	1/2		1/2		1/2		1/2	
3/4	1,856.27	3/4	1,498.74	3/4	1,142.06	3/4	794.51	3/4	442.43	3/4	89.94	3/4		3/4		3/4		3/4	
1	1,848.82	1	1,491.30	1	1,134.83	1	787.05	1	434.98	1	82.68	1		1		1		1	
1/4	1,841.37	1/4	1,483.85	1/4	1,127.59	1/4	779.60	1/4	427.53	1/4	75.42	1/4		1/4		1/4		1/4	
1/2	1,833.92	1/2	1,476.40	1/2	1,120.35	1/2	772.15	1/2	420.08	1/2	67.96	1/2		1/2		1/2		1/2	
3/4	1,826.47	3/4	1,468.95	3/4	1,113.12	3/4	764.70	3/4	412.62	3/4	61.19	3/4		3/4		3/4		3/4	
2	1,819.03	2	1,461.50	2	1,105.89	2	757.24	2	405.17	2	54.43	2		2		2		2	
1/4	1,811.58	1/4	1,454.05	1/4	1,098.66	1/4	749.79	1/4	397.72	1/4	47.66	1/4		1/4		1/4		1/4	
1/2	1,804.13	1/2	1,446.61	1/2	1,091.43	1/2	742.34	1/2	390.27	1/2	40.90	1/2		1/2		1/2		1/2	
3/4	1,796.68	3/4	1,439.16	3/4	1,084.21	3/4	734.89	3/4	382.82	3/4	35.77	3/4		3/4		3/4		3/4	
3	1,789.23	3	1,431.71	3	1,076.98	3	727.43	3	375.37	3	30.64	3		3		3		3	
1/4	1,781.78	1/4	1,424.26	1/4	1,069.76	1/4	719.98	1/4	367.92	1/4	25.50	1/4		1/4		1/4		1/4	
1/2	1,774.33	1/2	1,416.81	1/2	1,062.53	1/2	712.53	1/2	360.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,766.89	3/4	1,409.36	3/4	1,055.31	3/4	705.08	3/4	353.01	3/4		3/4		3/4		3/4		3/4	
4	1,759.44	4	1,401.91	4	1,048.09	4	697.82	4	345.56	4	4	4		4		4		4	
1/4	1,751.99	1/4	1,394.47	1/4	1,040.87	1/4	690.57	1/4	338.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,744.54	1/2	1,387.02	1/2	1,033.65	1/2	683.32	1/2	330.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,737.09	3/4	1,379.57	3/4	1,026.43	3/4	676.07	3/4	323.21	3/4		3/4		3/4		3/4		3/4	
5	1,729.64	5	1,372.12	5	1,019.21	5	668.82	5	315.76	5	5	5		5		5		5	
1/4	1,722.20	1/4	1,364.67	1/4	1,011.99	1/4	661.57	1/4	308.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,714.75	1/2	1,357.22	1/2	1,004.77	1/2	654.32	1/2	300.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,707.30	3/4	1,349.78	3/4	997.56	3/4	647.07	3/4	293.41	3/4		3/4		3/4		3/4		3/4	
6	1,699.85	6	1,342.33	6	990.34	6	639.82	6	285.95	6	6	6		6		6		6	
1/4	1,692.40	1/4	1,334.88	1/4	983.12	1/4	632.57	1/4	278.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,684.95	1/2	1,327.43	1/2	975.90	1/2	625.31	1/2	271.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,677.51	3/4	1,319.98	3/4	968.68	3/4	618.06	3/4	264.00	3/4		3/4		3/4		3/4		3/4	
7	1,670.06	7	1,312.53	7	961.46	7	610.81	7	256.75	7	7	7		7		7		7	
1/4	1,662.61	1/4	1,305.09	1/4	954.25	1/4	603.56	1/4	249.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,655.16	1/2	1,297.64	1/2	947.03	1/2	596.31	1/2	242.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,647.71	3/4	1,290.19	3/4	939.81	3/4	589.06	3/4	235.00	3/4		3/4		3/4		3/4		3/4	
8	1,640.26	8	1,282.74	8	932.59	8	581.81	8	227.75	8	8	8		8		8		8	
1/4	1,632.82	1/4	1,275.29	1/4	925.37	1/4	574.56	1/4	220.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,625.37	1/2	1,267.84	1/2	918.15	1/2	567.31	1/2	213.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,617.92	3/4	1,260.40	3/4	910.94	3/4	560.05	3/4	206.00	3/4		3/4		3/4		3/4		3/4	
9	1,610.47	9	1,252.95	9	903.72	9	552.80	9	198.75	9	9	9		9		9		9	
1/4	1,603.02	1/4	1,245.50	1/4	896.50	1/4	545.55	1/4	191.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,595.57	1/2	1,238.05	1/2	889.28	1/2	538.30	1/2	184.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,588.12	3/4	1,230.60	3/4	882.06	3/4	531.05	3/4	177.00	3/4		3/4		3/4		3/4		3/4	
10	1,580.68	10	1,223.15	10	874.84	10	523.80	10	169.74	10	10	10		10		10		10	
1/4	1,573.23	1/4	1,215.70	1/4	867.62	1/4	516.55	1/4	162.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,565.78	1/2	1,208.26	1/2	860.41	1/2	509.30	1/2	155.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,558.33	3/4	1,200.81	3/4	853.19	3/4	502.05	3/4	147.99	3/4		3/4		3/4		3/4		3/4	
11	1,550.88	11	1,193.36	11	845.97	11	494.59	11	140.74	11	11	11		11		11		11	
1/4	1,543.43	1/4	1,185.91	1/4	838.75	1/4	487.14	1/4	133.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,535.99	1/2	1,178.46	1/2	831.53	1/2	479.69	1/2	126.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,528.54	3/4	1,171.17	3/4	824.14	3/4	472.24	3/4	118.97	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
NAME CHANGE: 08/22/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

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



BARGE "KIRBY 28718"

3 STBD ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30035"

GAUGE HEIGHT 15'-03"

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	1,883.99	0	1,525.87	0	1,167.75	0	810.17	0	457.70	0	104.42	0		0		0		0	
1/4	1,876.53	1/4	1,518.41	1/4	1,160.28	1/4	802.71	1/4	450.24	1/4	97.16	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,869.07	1/2	1,510.95	1/2	1,152.82	1/2	795.25	1/2	442.78	1/2	89.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,861.61	3/4	1,503.49	3/4	1,145.36	3/4	787.79	3/4	435.32	3/4	82.65	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,854.15	1	1,496.02	1	1,137.90	1	780.33	1	427.86	1	75.39	1	1	1	1	1	1	1	1
1/4	1,846.69	1/4	1,488.56	1/4	1,130.44	1/4	772.87	1/4	420.40	1/4	67.93	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,839.23	1/2	1,481.10	1/2	1,122.99	1/2	765.41	1/2	412.94	1/2	61.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,831.77	3/4	1,473.64	3/4	1,115.53	3/4	757.95	3/4	405.48	3/4	54.40	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,824.30	2	1,466.18	2	1,108.08	2	750.49	2	398.02	2	47.64	2	2	2	2	2	2	2	2
1/4	1,816.84	1/4	1,458.72	1/4	1,100.62	1/4	743.03	1/4	390.55	1/4	40.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,809.38	1/2	1,451.26	1/2	1,093.17	1/2	735.57	1/2	383.09	1/2	35.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,801.92	3/4	1,443.80	3/4	1,085.71	3/4	728.11	3/4	375.63	3/4	30.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,794.46	3	1,436.34	3	1,078.26	3	720.64	3	368.17	3	25.49	3	3	3	3	3	3	3	3
1/4	1,787.00	1/4	1,428.88	1/4	1,070.81	1/4	713.18	1/4	360.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,779.54	1/2	1,421.42	1/2	1,063.36	1/2	705.72	1/2	353.25	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,772.08	3/4	1,413.95	3/4	1,055.91	3/4	698.46	3/4	345.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,764.62	4	1,406.49	4	1,048.46	4	691.20	4	338.33	4	4	4	4	4	4	4	4	4	4
1/4	1,757.16	1/4	1,399.03	1/4	1,041.02	1/4	683.95	1/4	330.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,749.70	1/2	1,391.57	1/2	1,033.57	1/2	676.69	1/2	323.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,742.23	3/4	1,384.11	3/4	1,026.13	3/4	669.43	3/4	315.95	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,734.77	5	1,376.65	5	1,018.68	5	662.17	5	308.49	5	5	5	5	5	5	5	5	5	5
1/4	1,727.31	1/4	1,369.19	1/4	1,011.23	1/4	654.91	1/4	301.03	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,719.85	1/2	1,361.73	1/2	1,003.79	1/2	647.65	1/2	293.57	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,712.39	3/4	1,354.27	3/4	996.34	3/4	640.39	3/4	286.11	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,704.93	6	1,346.81	6	988.90	6	633.13	6	278.64	6	6	6	6	6	6	6	6	6	6
1/4	1,697.47	1/4	1,339.35	1/4	981.45	1/4	625.87	1/4	271.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,690.01	1/2	1,331.88	1/2	974.01	1/2	618.61	1/2	264.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,682.55	3/4	1,324.42	3/4	966.56	3/4	611.35	3/4	256.87	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,675.09	7	1,316.96	7	959.11	7	604.09	7	249.61	7	7	7	7	7	7	7	7	7	7
1/4	1,667.63	1/4	1,309.50	1/4	951.67	1/4	596.84	1/4	242.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,660.16	1/2	1,302.04	1/2	944.22	1/2	589.58	1/2	235.09	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,652.70	3/4	1,294.58	3/4	936.78	3/4	582.32	3/4	227.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,645.24	8	1,287.12	8	929.33	8	575.06	8	220.57	8	8	8	8	8	8	8	8	8	8
1/4	1,637.78	1/4	1,279.66	1/4	921.89	1/4	567.80	1/4	213.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,630.32	1/2	1,272.20	1/2	914.44	1/2	560.54	1/2	206.05	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,622.86	3/4	1,264.74	3/4	907.00	3/4	553.28	3/4	198.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,615.40	9	1,257.28	9	899.55	9	546.02	9	191.53	9	9	9	9	9	9	9	9	9	9
1/4	1,607.94	1/4	1,249.81	1/4	892.10	1/4	538.76	1/4	184.27	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,600.48	1/2	1,242.35	1/2	884.66	1/2	531.50	1/2	177.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,593.02	3/4	1,234.89	3/4	877.21	3/4	524.24	3/4	169.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,585.56	10	1,227.43	10	869.77	10	516.98	10	162.50	10	10	10	10	10	10	10	10	10	10
1/4	1,578.09	1/4	1,219.97	1/4	862.32	1/4	509.72	1/4	155.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,570.63	1/2	1,212.51	1/2	854.88	1/2	502.47	1/2	147.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,563.17	3/4	1,205.05	3/4	847.43	3/4	495.00	3/4	140.72	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,555.71	11	1,197.59	11	839.99	11	487.54	11	133.46	11	11	11	11	11	11	11	11	11	11
1/4	1,548.25	1/4	1,190.13	1/4	832.54	1/4	480.08	1/4	126.20	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,540.79	1/2	1,182.67	1/2	825.08	1/2	472.62	1/2	118.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,533.33	3/4	1,175.21	3/4	817.63	3/4	465.16	3/4	111.68	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: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
NAME CHANGE: 08/22/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

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



BARGE "KIRBY 28718"

PORT FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMS 30035"

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	1,204	0	2,409	0	3,613	0	4,817	0	6,022	0		0		0		0	
1/4	25	1/4	1,229	1/4	2,434	1/4	3,638	1/4	4,843	1/4	6,047	1/4		1/4		1/4		1/4	
1/2	50	1/2	1,255	1/2	2,459	1/2	3,663	1/2	4,868	1/2	6,072	1/2		1/2		1/2		1/2	
3/4	75	3/4	1,280	3/4	2,484	3/4	3,688	3/4	4,893	3/4	6,097	3/4		3/4		3/4		3/4	
1	100	1	1,305	1	2,509	1	3,713	1	4,918	1	6,122	1		1		1		1	
1/4	125	1/4	1,330	1/4	2,534	1/4	3,739	1/4	4,943	1/4	6,147	1/4		1/4		1/4		1/4	
1/2	151	1/2	1,355	1/2	2,559	1/2	3,764	1/2	4,968	1/2	6,172	1/2		1/2		1/2		1/2	
3/4	176	3/4	1,380	3/4	2,584	3/4	3,789	3/4	4,993	3/4	6,197	3/4		3/4		3/4		3/4	
2	201	2	1,405	2	2,609	2	3,814	2	5,018	2	6,223	2		2		2		2	
1/4	226	1/4	1,430	1/4	2,635	1/4	3,839	1/4	5,043	1/4	6,248	1/4		1/4		1/4		1/4	
1/2	251	1/2	1,455	1/2	2,660	1/2	3,864	1/2	5,068	1/2	6,273	1/2		1/2		1/2		1/2	
3/4	276	3/4	1,480	3/4	2,685	3/4	3,889	3/4	5,093	3/4	6,298	3/4		3/4		3/4		3/4	
3	301	3	1,505	3	2,710	3	3,914	3	5,119	3	6,323	3		3		3		3	
1/4	326	1/4	1,531	1/4	2,735	1/4	3,939	1/4	5,144	1/4	6,348	1/4		1/4		1/4		1/4	
1/2	351	1/2	1,556	1/2	2,760	1/2	3,964	1/2	5,169	1/2	6,373	1/2		1/2		1/2		1/2	
3/4	376	3/4	1,581	3/4	2,785	3/4	3,989	3/4	5,194	3/4	6,398	3/4		3/4		3/4		3/4	
4	401	4	1,606	4	2,810	4	4,015	4	5,219	4	6,423	4		4		4		4	
1/4	427	1/4	1,631	1/4	2,835	1/4	4,040	1/4	5,244	1/4		1/4		1/4		1/4		1/4	
1/2	452	1/2	1,656	1/2	2,860	1/2	4,065	1/2	5,269	1/2		1/2		1/2		1/2		1/2	
3/4	477	3/4	1,681	3/4	2,885	3/4	4,090	3/4	5,294	3/4		3/4		3/4		3/4		3/4	
5	502	5	1,706	5	2,911	5	4,115	5	5,319	5		5		5		5		5	
1/4	527	1/4	1,731	1/4	2,936	1/4	4,140	1/4	5,344	1/4		1/4		1/4		1/4		1/4	
1/2	552	1/2	1,756	1/2	2,961	1/2	4,165	1/2	5,369	1/2		1/2		1/2		1/2		1/2	
3/4	577	3/4	1,781	3/4	2,986	3/4	4,190	3/4	5,395	3/4		3/4		3/4		3/4		3/4	
6	602	6	1,807	6	3,011	6	4,215	6	5,420	6		6		6		6		6	
1/4	627	1/4	1,832	1/4	3,036	1/4	4,240	1/4	5,445	1/4		1/4		1/4		1/4		1/4	
1/2	652	1/2	1,857	1/2	3,061	1/2	4,265	1/2	5,470	1/2		1/2		1/2		1/2		1/2	
3/4	677	3/4	1,882	3/4	3,086	3/4	4,291	3/4	5,495	3/4		3/4		3/4		3/4		3/4	
7	703	7	1,907	7	3,111	7	4,316	7	5,520	7		7		7		7		7	
1/4	728	1/4	1,932	1/4	3,136	1/4	4,341	1/4	5,545	1/4		1/4		1/4		1/4		1/4	
1/2	753	1/2	1,957	1/2	3,161	1/2	4,366	1/2	5,570	1/2		1/2		1/2		1/2		1/2	
3/4	778	3/4	1,982	3/4	3,187	3/4	4,391	3/4	5,595	3/4		3/4		3/4		3/4		3/4	
8	803	8	2,007	8	3,212	8	4,416	8	5,620	8		8		8		8		8	
1/4	828	1/4	2,032	1/4	3,237	1/4	4,441	1/4	5,645	1/4		1/4		1/4		1/4		1/4	
1/2	853	1/2	2,057	1/2	3,262	1/2	4,466	1/2	5,671	1/2		1/2		1/2		1/2		1/2	
3/4	878	3/4	2,083	3/4	3,287	3/4	4,491	3/4	5,696	3/4		3/4		3/4		3/4		3/4	
9	903	9	2,108	9	3,312	9	4,516	9	5,721	9		9		9		9		9	
1/4	928	1/4	2,133	1/4	3,337	1/4	4,541	1/4	5,746	1/4		1/4		1/4		1/4		1/4	
1/2	953	1/2	2,158	1/2	3,362	1/2	4,567	1/2	5,771	1/2		1/2		1/2		1/2		1/2	
3/4	979	3/4	2,183	3/4	3,387	3/4	4,592	3/4	5,796	3/4		3/4		3/4		3/4		3/4	
10	1,004	10	2,208	10	3,412	10	4,617	10	5,821	10		10		10		10		10	
1/4	1,029	1/4	2,233	1/4	3,437	1/4	4,642	1/4	5,846	1/4		1/4		1/4		1/4		1/4	
1/2	1,054	1/2	2,258	1/2	3,463	1/2	4,667	1/2	5,871	1/2		1/2		1/2		1/2		1/2	
3/4	1,079	3/4	2,283	3/4	3,488	3/4	4,692	3/4	5,896	3/4		3/4		3/4		3/4		3/4	
11	1,104	11	2,308	11	3,513	11	4,717	11	5,921	11		11		11		11		11	
1/4	1,129	1/4	2,333	1/4	3,538	1/4	4,742	1/4	5,947	1/4		1/4		1/4		1/4		1/4	
1/2	1,154	1/2	2,359	1/2	3,563	1/2	4,767	1/2	5,972	1/2		1/2		1/2		1/2		1/2	
3/4	1,179	3/4	2,384	3/4	3,588	3/4	4,792	3/4	5,997	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.

STRAPPED: 08/23/2022 PMA
CALCULATED: 08/23/2022 CL
NAME CHANGE: 08/23/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

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 28718"

STBD FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMS 30035"

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	1,204	0	2,409	0	3,613	0	4,817	0	6,022	0		0		0		0	
1/4	25	1/4	1,229	1/4	2,434	1/4	3,638	1/4	4,843	1/4	6,047	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50	1/2	1,255	1/2	2,459	1/2	3,663	1/2	4,868	1/2	6,072	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75	3/4	1,280	3/4	2,484	3/4	3,688	3/4	4,893	3/4	6,097	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	100	1	1,305	1	2,509	1	3,713	1	4,918	1	6,122	1	1	1	1	1	1	1	1
1/4	125	1/4	1,330	1/4	2,534	1/4	3,739	1/4	4,943	1/4	6,147	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151	1/2	1,355	1/2	2,559	1/2	3,764	1/2	4,968	1/2	6,172	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	176	3/4	1,380	3/4	2,584	3/4	3,789	3/4	4,993	3/4	6,197	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	201	2	1,405	2	2,609	2	3,814	2	5,018	2	6,223	2	2	2	2	2	2	2	2
1/4	226	1/4	1,430	1/4	2,635	1/4	3,839	1/4	5,043	1/4	6,248	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	251	1/2	1,455	1/2	2,660	1/2	3,864	1/2	5,068	1/2	6,273	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	276	3/4	1,480	3/4	2,685	3/4	3,889	3/4	5,093	3/4	6,298	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	301	3	1,505	3	2,710	3	3,914	3	5,119	3	6,323	3	3	3	3	3	3	3	3
1/4	326	1/4	1,531	1/4	2,735	1/4	3,939	1/4	5,144	1/4	6,348	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	351	1/2	1,556	1/2	2,760	1/2	3,964	1/2	5,169	1/2	6,373	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	376	3/4	1,581	3/4	2,785	3/4	3,989	3/4	5,194	3/4	6,398	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	401	4	1,606	4	2,810	4	4,015	4	5,219	4	6,423	4	4	4	4	4	4	4	4
1/4	427	1/4	1,631	1/4	2,835	1/4	4,040	1/4	5,244	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	452	1/2	1,656	1/2	2,860	1/2	4,065	1/2	5,269	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	477	3/4	1,681	3/4	2,885	3/4	4,090	3/4	5,294	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	502	5	1,706	5	2,911	5	4,115	5	5,319	5		5	5	5	5	5	5	5	5
1/4	527	1/4	1,731	1/4	2,936	1/4	4,140	1/4	5,344	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	552	1/2	1,756	1/2	2,961	1/2	4,165	1/2	5,369	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	577	3/4	1,781	3/4	2,986	3/4	4,190	3/4	5,395	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	602	6	1,807	6	3,011	6	4,215	6	5,420	6		6	6	6	6	6	6	6	6
1/4	627	1/4	1,832	1/4	3,036	1/4	4,240	1/4	5,445	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	652	1/2	1,857	1/2	3,061	1/2	4,265	1/2	5,470	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	677	3/4	1,882	3/4	3,086	3/4	4,291	3/4	5,495	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	703	7	1,907	7	3,111	7	4,316	7	5,520	7		7	7	7	7	7	7	7	7
1/4	728	1/4	1,932	1/4	3,136	1/4	4,341	1/4	5,545	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	753	1/2	1,957	1/2	3,161	1/2	4,366	1/2	5,570	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	778	3/4	1,982	3/4	3,187	3/4	4,391	3/4	5,595	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	803	8	2,007	8	3,212	8	4,416	8	5,620	8		8	8	8	8	8	8	8	8
1/4	828	1/4	2,032	1/4	3,237	1/4	4,441	1/4	5,645	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	853	1/2	2,057	1/2	3,262	1/2	4,466	1/2	5,671	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	878	3/4	2,083	3/4	3,287	3/4	4,491	3/4	5,696	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	903	9	2,108	9	3,312	9	4,516	9	5,721	9		9	9	9	9	9	9	9	9
1/4	928	1/4	2,133	1/4	3,337	1/4	4,541	1/4	5,746	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	953	1/2	2,158	1/2	3,362	1/2	4,567	1/2	5,771	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	979	3/4	2,183	3/4	3,387	3/4	4,592	3/4	5,796	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,004	10	2,208	10	3,412	10	4,617	10	5,821	10		10	10	10	10	10	10	10	10
1/4	1,029	1/4	2,233	1/4	3,437	1/4	4,642	1/4	5,846	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,054	1/2	2,258	1/2	3,463	1/2	4,667	1/2	5,871	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,079	3/4	2,283	3/4	3,488	3/4	4,692	3/4	5,896	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,104	11	2,308	11	3,513	11	4,717	11	5,921	11		11	11	11	11	11	11	11	11
1/4	1,129	1/4	2,333	1/4	3,538	1/4	4,742	1/4	5,947	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,154	1/2	2,359	1/2	3,563	1/2	4,767	1/2	5,972	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,179	3/4	2,384	3/4	3,588	3/4	4,792	3/4	5,997	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.

STRAPPED: 08/23/2022 PMA
CALCULATED: 08/23/2022 CL
NAME CHANGE: 08/23/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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<http://www.pmacorp.net>



BARGE "KIRBY 28718"

SMALL FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMS 30035"

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	101	0	259	0	416	0	517	0		0	6 FT.	0	7 FT.	0	8 FT.	0	9 FT.
1/4	1	1/4	104	1/4	262	1/4	419	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	1	1/2	107	1/2	265	1/2	422	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	2	3/4	110	3/4	269	3/4	425	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
1	3	1	113	1	272	1	428	1	1	1	1	1	6 FT.	1	7 FT.	1	8 FT.	1	9 FT.
1/4	4	1/4	116	1/4	276	1/4	430	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	5	1/2	119	1/2	279	1/2	433	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	6	3/4	122	3/4	282	3/4	436	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
2	7	2	125	2	286	2	439	2	2	2	2	2	6 FT.	2	7 FT.	2	8 FT.	2	9 FT.
1/4	9	1/4	129	1/4	289	1/4	442	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	10	1/2	132	1/2	293	1/2	444	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	12	3/4	135	3/4	296	3/4	447	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
3	13	3	138	3	300	3	450	3	3	3	3	3	6 FT.	3	7 FT.	3	8 FT.	3	9 FT.
1/4	15	1/4	141	1/4	303	1/4	453	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	17	1/2	144	1/2	306	1/2	455	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	19	3/4	148	3/4	310	3/4	458	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
4	21	4	151	4	313	4	460	4	4	4	4	4	6 FT.	4	7 FT.	4	8 FT.	4	9 FT.
1/4	23	1/4	154	1/4	316	1/4	463	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	25	1/2	157	1/2	320	1/2	465	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	27	3/4	161	3/4	323	3/4	468	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
5	29	5	164	5	327	5	470	5	5	5	5	5	6 FT.	5	7 FT.	5	8 FT.	5	9 FT.
1/4	31	1/4	167	1/4	330	1/4	473	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	33	1/2	170	1/2	333	1/2	475	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	35	3/4	174	3/4	337	3/4	477	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
6	37	6	177	6	340	6	480	6	6	6	6	6	6 FT.	6	7 FT.	6	8 FT.	6	9 FT.
1/4	40	1/4	180	1/4	343	1/4	482	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	42	1/2	184	1/2	347	1/2	484	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	44	3/4	187	3/4	350	3/4	486	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
7	47	7	190	7	353	7	488	7	7	7	7	7	6 FT.	7	7 FT.	7	8 FT.	7	9 FT.
1/4	49	1/4	194	1/4	356	1/4	490	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	52	1/2	197	1/2	360	1/2	492	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	54	3/4	201	3/4	363	3/4	494	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
8	57	8	204	8	366	8	496	8	8	8	8	8	6 FT.	8	7 FT.	8	8 FT.	8	9 FT.
1/4	59	1/4	207	1/4	369	1/4	498	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	62	1/2	211	1/2	373	1/2	500	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	64	3/4	214	3/4	376	3/4	502	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
9	67	9	217	9	379	9	504	9	9	9	9	9	6 FT.	9	7 FT.	9	8 FT.	9	9 FT.
1/4	70	1/4	221	1/4	382	1/4	505	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	73	1/2	224	1/2	385	1/2	507	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	75	3/4	228	3/4	388	3/4	508	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
10	78	10	231	10	392	10	510	10	10	10	10	10	6 FT.	10	7 FT.	10	8 FT.	10	9 FT.
1/4	81	1/4	235	1/4	395	1/4	511	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	84	1/2	238	1/2	398	1/2	512	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	87	3/4	241	3/4	401	3/4	513	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
11	89	11	245	11	404	11	514	11	11	11	11	11	6 FT.	11	7 FT.	11	8 FT.	11	9 FT.
1/4	92	1/4	248	1/4	407	1/4	515	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	95	1/2	252	1/2	410	1/2	516	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	98	3/4	255	3/4	413	3/4	516	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.

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CALCULATED: 09/26/2022 CL
REPRINTED: 09/27/2022 SW

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