



BARGE "KIRBY 29146"

ULLAGE TRIM TABLE

FORMERLY "SMS 30023"

	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	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	00-1/8	- 00-1/8	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	00-1/4	- 00-1/4	00-1/4	- 00-1/4
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	00-1/4	- 00-1/4	00-1/4	- 00-1/4
3 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	00-0/8	00-0/8	00-0/8	00-0/8
3 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 8'-00"
 DIFF. = 6'-00" (DOWN BY STERN)

THE CORRECTION FOR 6'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

August 26, 2021

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

<http://www.pmacorp.net>





BARGE "KIRBY 29146"

1 PORT ULLAGE TABLE MMC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30023"

GAUGE HEIGHT 16'-05 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	2,280.19	0	1,921.34	0	1,562.50	0	1,203.65	0	844.80	0	486.10	0	147.12	0		0		0	
1/4	2,272.71	1/4	1,913.87	1/4	1,555.02	1/4	1,196.18	1/4	837.33	1/4	478.69	1/4	140.46	1/4		1/4		1/4	
1/2	2,265.24	1/2	1,906.39	1/2	1,547.54	1/2	1,188.70	1/2	829.85	1/2	471.29	1/2	133.80	1/2		1/2		1/2	
3/4	2,257.76	3/4	1,898.91	3/4	1,540.07	3/4	1,181.22	3/4	822.37	3/4	463.89	3/4	127.14	3/4		3/4		3/4	
1	2,250.29	1	1,891.44	1	1,532.59	1	1,173.75	1	814.90	1	456.48	1	120.49	1		1		1	
1/4	2,242.81	1/4	1,883.96	1/4	1,525.12	1/4	1,166.27	1/4	807.42	1/4	449.08	1/4	113.83	1/4		1/4		1/4	
1/2	2,235.34	1/2	1,876.49	1/2	1,517.64	1/2	1,158.79	1/2	799.94	1/2	441.67	1/2	107.17	1/2		1/2		1/2	
3/4	2,227.86	3/4	1,869.01	3/4	1,510.17	3/4	1,151.32	3/4	792.47	3/4	434.39	3/4	100.64	3/4		3/4		3/4	
2	2,220.38	2	1,861.53	2	1,502.69	2	1,143.84	2	784.99	2	427.11	2	94.11	2		2		2	
1/4	2,212.91	1/4	1,854.06	1/4	1,495.22	1/4	1,136.37	1/4	777.52	1/4	419.83	1/4	87.57	1/4		1/4		1/4	
1/2	2,205.43	1/2	1,846.58	1/2	1,487.74	1/2	1,128.89	1/2	770.04	1/2	412.55	1/2	81.04	1/2		1/2		1/2	
3/4	2,197.95	3/4	1,839.10	3/4	1,480.26	3/4	1,121.41	3/4	762.57	3/4	405.27	3/4	74.51	3/4		3/4		3/4	
3	2,190.48	3	1,831.63	3	1,472.79	3	1,113.94	3	755.09	3	397.99	3	67.97	3		3		3	
1/4	2,183.00	1/4	1,824.15	1/4	1,465.31	1/4	1,106.46	1/4	747.62	1/4	390.71	1/4	61.44	1/4		1/4		1/4	
1/2	2,175.53	1/2	1,816.68	1/2	1,457.83	1/2	1,098.98	1/2	740.14	1/2	383.43	1/2	54.90	1/2		1/2		1/2	
3/4	2,168.05	3/4	1,809.21	3/4	1,450.36	3/4	1,091.51	3/4	732.66	3/4	376.28	3/4	49.23	3/4		3/4		3/4	
4	2,160.57	4	1,801.73	4	1,442.88	4	1,084.03	4	725.19	4	369.12	4	43.55	4		4		4	
1/4	2,153.10	1/4	1,794.26	1/4	1,435.41	1/4	1,076.56	1/4	717.71	1/4	361.97	1/4	37.88	1/4		1/4		1/4	
1/2	2,145.62	1/2	1,786.78	1/2	1,427.93	1/2	1,069.08	1/2	710.23	1/2	354.81	1/2	32.20	1/2		1/2		1/2	
3/4	2,138.14	3/4	1,779.30	3/4	1,420.45	3/4	1,061.61	3/4	702.76	3/4	347.66	3/4	27.99	3/4		3/4		3/4	
5	2,130.67	5	1,771.83	5	1,412.98	5	1,054.13	5	695.28	5	340.50	5	23.78	5		5		5	
1/4	2,123.19	1/4	1,764.35	1/4	1,405.50	1/4	1,046.66	1/4	687.81	1/4	333.35	1/4	19.57	1/4		1/4		1/4	
1/2	2,115.72	1/2	1,756.87	1/2	1,398.02	1/2	1,039.18	1/2	680.33	1/2	326.19	1/2	15.36	1/2		1/2		1/2	
3/4	2,108.24	3/4	1,749.40	3/4	1,390.55	3/4	1,031.70	3/4	672.85	3/4	319.16	3/4		3/4		3/4		3/4	
6	2,100.77	6	1,741.92	6	1,383.07	6	1,024.23	6	665.38	6	312.13	6		6		6		6	
1/4	2,093.29	1/4	1,734.45	1/4	1,375.60	1/4	1,016.75	1/4	657.90	1/4	305.10	1/4		1/4		1/4		1/4	
1/2	2,085.82	1/2	1,726.97	1/2	1,368.12	1/2	1,009.27	1/2	650.42	1/2	298.07	1/2		1/2		1/2		1/2	
3/4	2,078.34	3/4	1,719.49	3/4	1,360.65	3/4	1,001.80	3/4	642.95	3/4	291.04	3/4		3/4		3/4		3/4	
7	2,070.86	7	1,712.02	7	1,353.17	7	994.32	7	635.47	7	284.01	7		7		7		7	
1/4	2,063.39	1/4	1,704.54	1/4	1,345.70	1/4	986.85	1/4	628.00	1/4	276.97	1/4		1/4		1/4		1/4	
1/2	2,055.91	1/2	1,697.06	1/2	1,338.22	1/2	979.37	1/2	620.52	1/2	269.94	1/2		1/2		1/2		1/2	
3/4	2,048.43	3/4	1,689.59	3/4	1,330.74	3/4	971.89	3/4	613.05	3/4	263.04	3/4		3/4		3/4		3/4	
8	2,040.96	8	1,682.11	8	1,323.27	8	964.42	8	605.57	8	256.13	8		8		8		8	
1/4	2,033.48	1/4	1,674.64	1/4	1,315.79	1/4	956.94	1/4	598.10	1/4	249.23	1/4		1/4		1/4		1/4	
1/2	2,026.01	1/2	1,667.16	1/2	1,308.31	1/2	949.46	1/2	590.62	1/2	242.32	1/2		1/2		1/2		1/2	
3/4	2,018.53	3/4	1,659.69	3/4	1,300.84	3/4	941.99	3/4	583.14	3/4	235.41	3/4		3/4		3/4		3/4	
9	2,011.05	9	1,652.21	9	1,293.36	9	934.51	9	575.67	9	228.51	9		9		9		9	
1/4	2,003.58	1/4	1,644.74	1/4	1,285.89	1/4	927.04	1/4	568.19	1/4	221.60	1/4		1/4		1/4		1/4	
1/2	1,996.10	1/2	1,637.26	1/2	1,278.41	1/2	919.56	1/2	560.71	1/2	214.69	1/2		1/2		1/2		1/2	
3/4	1,988.62	3/4	1,629.78	3/4	1,270.93	3/4	912.09	3/4	553.24	3/4	207.91	3/4		3/4		3/4		3/4	
10	1,981.15	10	1,622.31	10	1,263.46	10	904.61	10	545.76	10	201.13	10		10		10		10	
1/4	1,973.67	1/4	1,614.83	1/4	1,255.98	1/4	897.14	1/4	538.29	1/4	194.34	1/4		1/4		1/4		1/4	
1/2	1,966.20	1/2	1,607.35	1/2	1,248.50	1/2	889.66	1/2	530.81	1/2	187.56	1/2		1/2		1/2		1/2	
3/4	1,958.72	3/4	1,599.88	3/4	1,241.03	3/4	882.18	3/4	523.33	3/4	180.78	3/4		3/4		3/4		3/4	
11	1,951.25	11	1,592.40	11	1,233.55	11	874.71	11	515.86	11	174.00	11		11		11		11	
1/4	1,943.77	1/4	1,584.93	1/4	1,226.08	1/4	867.23	1/4	508.38	1/4	167.21	1/4		1/4		1/4		1/4	
1/2	1,936.30	1/2	1,577.45	1/2	1,218.60	1/2	859.75	1/2	500.90	1/2	160.43	1/2		1/2		1/2		1/2	
3/4	1,928.82	3/4	1,569.97	3/4	1,211.13	3/4	852.28	3/4	493.50	3/4	153.77	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/08/2011 INSP
RECALCULATED: 08/26/2021 PMA
NAME CHANGE: 08/26/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "KIRBY 29146"

1 STBD
ULLAGE TABLE
MMC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30023"

GAUGE HEIGHT 16'-05"

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	2,265.24	0	1,906.39	0	1,547.54	0	1,188.70	0	829.85	0	471.29	0	133.80	0		0		0	
1/4	2,257.76	1/4	1,898.91	1/4	1,540.07	1/4	1,181.22	1/4	822.37	1/4	463.89	1/4	127.14	1/4		1/4		1/4	
1/2	2,250.29	1/2	1,891.44	1/2	1,532.59	1/2	1,173.75	1/2	814.90	1/2	456.48	1/2	120.49	1/2		1/2		1/2	
3/4	2,242.81	3/4	1,883.96	3/4	1,525.12	3/4	1,166.27	3/4	807.42	3/4	449.08	3/4	113.83	3/4		3/4		3/4	
1	2,235.34	1	1,876.49	1	1,517.64	1	1,158.79	1	799.94	1	441.67	1	107.17	1		1		1	
1/4	2,227.86	1/4	1,869.01	1/4	1,510.17	1/4	1,151.32	1/4	792.47	1/4	434.39	1/4	100.64	1/4		1/4		1/4	
1/2	2,220.38	1/2	1,861.53	1/2	1,502.69	1/2	1,143.84	1/2	784.99	1/2	427.11	1/2	94.11	1/2		1/2		1/2	
3/4	2,212.91	3/4	1,854.06	3/4	1,495.22	3/4	1,136.37	3/4	777.52	3/4	419.83	3/4	87.57	3/4		3/4		3/4	
2	2,205.43	2	1,846.58	2	1,487.74	2	1,128.89	2	770.04	2	412.55	2	81.04	2		2		2	
1/4	2,197.95	1/4	1,839.10	1/4	1,480.26	1/4	1,121.41	1/4	762.57	1/4	405.27	1/4	74.51	1/4		1/4		1/4	
1/2	2,190.48	1/2	1,831.63	1/2	1,472.79	1/2	1,113.94	1/2	755.09	1/2	397.99	1/2	67.97	1/2		1/2		1/2	
3/4	2,183.00	3/4	1,824.15	3/4	1,465.31	3/4	1,106.46	3/4	747.62	3/4	390.71	3/4	61.44	3/4		3/4		3/4	
3	2,175.53	3	1,816.68	3	1,457.83	3	1,098.98	3	740.14	3	383.43	3	54.90	3		3		3	
1/4	2,168.05	1/4	1,809.21	1/4	1,450.36	1/4	1,091.51	1/4	732.66	1/4	376.28	1/4	49.23	1/4		1/4		1/4	
1/2	2,160.57	1/2	1,801.73	1/2	1,442.88	1/2	1,084.03	1/2	725.19	1/2	369.12	1/2	43.55	1/2		1/2		1/2	
3/4	2,153.10	3/4	1,794.26	3/4	1,435.41	3/4	1,076.56	3/4	717.71	3/4	361.97	3/4	37.88	3/4		3/4		3/4	
4	2,145.62	4	1,786.78	4	1,427.93	4	1,069.08	4	710.23	4	354.81	4	32.20	4		4		4	
1/4	2,138.14	1/4	1,779.30	1/4	1,420.45	1/4	1,061.61	1/4	702.76	1/4	347.66	1/4	27.99	1/4		1/4		1/4	
1/2	2,130.67	1/2	1,771.83	1/2	1,412.98	1/2	1,054.13	1/2	695.28	1/2	340.50	1/2	23.78	1/2		1/2		1/2	
3/4	2,123.19	3/4	1,764.35	3/4	1,405.50	3/4	1,046.66	3/4	687.81	3/4	333.35	3/4	19.57	3/4		3/4		3/4	
5	2,115.72	5	1,756.87	5	1,398.02	5	1,039.18	5	680.33	5	326.19	5	15.36	5		5		5	
1/4	2,108.24	1/4	1,749.40	1/4	1,390.55	1/4	1,031.70	1/4	672.85	1/4	319.16	1/4		1/4		1/4		1/4	
1/2	2,100.77	1/2	1,741.92	1/2	1,383.07	1/2	1,024.23	1/2	665.38	1/2	312.13	1/2		1/2		1/2		1/2	
3/4	2,093.29	3/4	1,734.45	3/4	1,375.60	3/4	1,016.75	3/4	657.90	3/4	305.10	3/4		3/4		3/4		3/4	
6	2,085.82	6	1,726.97	6	1,368.12	6	1,009.27	6	650.42	6	298.07	6		6		6		6	
1/4	2,078.34	1/4	1,719.49	1/4	1,360.65	1/4	1,001.80	1/4	642.95	1/4	291.04	1/4		1/4		1/4		1/4	
1/2	2,070.86	1/2	1,712.02	1/2	1,353.17	1/2	994.32	1/2	635.47	1/2	284.01	1/2		1/2		1/2		1/2	
3/4	2,063.39	3/4	1,704.54	3/4	1,345.70	3/4	986.85	3/4	628.00	3/4	276.97	3/4		3/4		3/4		3/4	
7	2,055.91	7	1,697.06	7	1,338.22	7	979.37	7	620.52	7	269.94	7		7		7		7	
1/4	2,048.43	1/4	1,689.59	1/4	1,330.74	1/4	971.89	1/4	613.05	1/4	263.04	1/4		1/4		1/4		1/4	
1/2	2,040.96	1/2	1,682.11	1/2	1,323.27	1/2	964.42	1/2	605.57	1/2	256.13	1/2		1/2		1/2		1/2	
3/4	2,033.48	3/4	1,674.64	3/4	1,315.79	3/4	956.94	3/4	598.10	3/4	249.23	3/4		3/4		3/4		3/4	
8	2,026.01	8	1,667.16	8	1,308.31	8	949.46	8	590.62	8	242.32	8		8		8		8	
1/4	2,018.53	1/4	1,659.69	1/4	1,300.84	1/4	941.99	1/4	583.14	1/4	235.41	1/4		1/4		1/4		1/4	
1/2	2,011.05	1/2	1,652.21	1/2	1,293.36	1/2	934.51	1/2	575.67	1/2	228.51	1/2		1/2		1/2		1/2	
3/4	2,003.58	3/4	1,644.74	3/4	1,285.89	3/4	927.04	3/4	568.19	3/4	221.60	3/4		3/4		3/4		3/4	
9	1,996.10	9	1,637.26	9	1,278.41	9	919.56	9	560.71	9	214.69	9		9		9		9	
1/4	1,988.62	1/4	1,629.78	1/4	1,270.93	1/4	912.09	1/4	553.24	1/4	207.91	1/4		1/4		1/4		1/4	
1/2	1,981.15	1/2	1,622.31	1/2	1,263.46	1/2	904.61	1/2	545.76	1/2	201.13	1/2		1/2		1/2		1/2	
3/4	1,973.67	3/4	1,614.83	3/4	1,255.98	3/4	897.14	3/4	538.29	3/4	194.34	3/4		3/4		3/4		3/4	
10	1,966.20	10	1,607.35	10	1,248.50	10	889.66	10	530.81	10	187.56	10		10		10		10	
1/4	1,958.72	1/4	1,599.88	1/4	1,241.03	1/4	882.18	1/4	523.33	1/4	180.78	1/4		1/4		1/4		1/4	
1/2	1,951.25	1/2	1,592.40	1/2	1,233.55	1/2	874.71	1/2	515.86	1/2	174.00	1/2		1/2		1/2		1/2	
3/4	1,943.77	3/4	1,584.93	3/4	1,226.08	3/4	867.23	3/4	508.38	3/4	167.21	3/4		3/4		3/4		3/4	
11	1,936.30	11	1,577.45	11	1,218.60	11	859.75	11	500.90	11	160.43	11		11		11		11	
1/4	1,928.82	1/4	1,569.97	1/4	1,211.13	1/4	852.28	1/4	493.50	1/4	153.77	1/4		1/4		1/4		1/4	
1/2	1,921.34	1/2	1,562.50	1/2	1,203.65	1/2	844.80	1/2	486.10	1/2	147.12	1/2		1/2		1/2		1/2	
3/4	1,913.87	3/4	1,555.02	3/4	1,196.18	3/4	837.33	3/4	478.69	3/4	140.46	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/08/2011 INSP
 RECALCULATED: 08/26/2021 PMA
 NAME CHANGE: 08/26/2021 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2021

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



BARGE "KIRBY 29146"

2 PORT ULLAGE TABLE MMC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30023"

GAUGE HEIGHT 16'-05"

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	2,302.44	0	1,943.69	0	1,584.94	0	1,226.18	0	867.43	0	508.68	0	149.93	0		0		0	
1/4	2,294.97	1/4	1,936.22	1/4	1,577.47	1/4	1,218.71	1/4	859.96	1/4	501.21	1/4	142.46	1/4	1/4	1/4		1/4	1/4
1/2	2,287.49	1/2	1,928.74	1/2	1,569.99	1/2	1,211.24	1/2	852.49	1/2	493.73	1/2	134.98	1/2	1/2	1/2		1/2	1/2
3/4	2,280.02	3/4	1,921.27	3/4	1,562.52	3/4	1,203.76	3/4	845.01	3/4	486.26	3/4	127.51	3/4	3/4	3/4		3/4	3/4
1	2,272.54	1	1,913.79	1	1,555.04	1	1,196.29	1	837.54	1	478.78	1	120.03	1	1	1		1	1
1/4	2,265.07	1/4	1,906.32	1/4	1,547.57	1/4	1,188.82	1/4	830.07	1/4	471.31	1/4	112.56	1/4	1/4	1/4		1/4	1/4
1/2	2,257.60	1/2	1,898.85	1/2	1,540.09	1/2	1,181.34	1/2	822.59	1/2	463.84	1/2	105.09	1/2	1/2	1/2		1/2	1/2
3/4	2,250.12	3/4	1,891.37	3/4	1,532.62	3/4	1,173.87	3/4	815.12	3/4	456.36	3/4	97.61	3/4	3/4	3/4		3/4	3/4
2	2,242.65	2	1,883.90	2	1,525.14	2	1,166.39	2	807.64	2	448.89	2	90.14	2	2	2		2	2
1/4	2,235.18	1/4	1,876.43	1/4	1,517.67	1/4	1,158.92	1/4	800.17	1/4	441.42	1/4	82.67	1/4	1/4	1/4		1/4	1/4
1/2	2,227.70	1/2	1,868.95	1/2	1,510.20	1/2	1,151.45	1/2	792.69	1/2	433.94	1/2	75.19	1/2	1/2	1/2		1/2	1/2
3/4	2,220.23	3/4	1,861.48	3/4	1,502.72	3/4	1,143.97	3/4	785.22	3/4	426.47	3/4	67.72	3/4	3/4	3/4		3/4	3/4
3	2,212.75	3	1,854.00	3	1,495.25	3	1,136.50	3	777.74	3	418.99	3	60.24	3	3	3		3	3
1/4	2,205.28	1/4	1,846.53	1/4	1,487.78	1/4	1,129.03	1/4	770.27	1/4	411.52	1/4	53.68	1/4	1/4	1/4		1/4	1/4
1/2	2,197.81	1/2	1,839.05	1/2	1,480.30	1/2	1,121.55	1/2	762.80	1/2	404.05	1/2	47.13	1/2	1/2	1/2		1/2	1/2
3/4	2,190.33	3/4	1,831.58	3/4	1,472.83	3/4	1,114.08	3/4	755.32	3/4	396.57	3/4	40.57	3/4	3/4	3/4		3/4	3/4
4	2,182.86	4	1,824.10	4	1,465.35	4	1,106.60	4	747.85	4	389.10	4	34.01	4	4	4		4	4
1/4	2,175.39	1/4	1,816.63	1/4	1,457.88	1/4	1,099.13	1/4	740.38	1/4	381.63	1/4	29.33	1/4	1/4	1/4		1/4	1/4
1/2	2,167.91	1/2	1,809.16	1/2	1,450.41	1/2	1,091.65	1/2	732.90	1/2	374.15	1/2	24.64	1/2	1/2	1/2		1/2	1/2
3/4	2,160.44	3/4	1,801.68	3/4	1,442.93	3/4	1,084.18	3/4	725.43	3/4	366.68	3/4	19.96	3/4	3/4	3/4		3/4	3/4
5	2,152.96	5	1,794.21	5	1,435.46	5	1,076.70	5	717.95	5	359.20	5	15.27	5	5	5		5	5
1/4	2,145.49	1/4	1,786.74	1/4	1,427.99	1/4	1,069.23	1/4	710.48	1/4	351.73	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,138.01	1/2	1,779.26	1/2	1,420.51	1/2	1,061.76	1/2	703.01	1/2	344.25	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,130.54	3/4	1,771.79	3/4	1,413.04	3/4	1,054.28	3/4	695.53	3/4	336.78	3/4		3/4	3/4	3/4		3/4	3/4
6	2,123.06	6	1,764.31	6	1,405.56	6	1,046.81	6	688.06	6	329.30	6	6	6	6	6		6	6
1/4	2,115.59	1/4	1,756.84	1/4	1,398.09	1/4	1,039.34	1/4	680.59	1/4	321.83	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,108.12	1/2	1,749.37	1/2	1,390.61	1/2	1,031.86	1/2	673.11	1/2	314.36	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,100.64	3/4	1,741.89	3/4	1,383.14	3/4	1,024.39	3/4	665.64	3/4	306.88	3/4		3/4	3/4	3/4		3/4	3/4
7	2,093.17	7	1,734.42	7	1,375.66	7	1,016.91	7	658.16	7	299.41	7	7	7	7	7		7	7
1/4	2,085.70	1/4	1,726.95	1/4	1,368.19	1/4	1,009.44	1/4	650.69	1/4	291.94	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,078.22	1/2	1,719.47	1/2	1,360.72	1/2	1,001.97	1/2	643.21	1/2	284.46	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,070.75	3/4	1,712.00	3/4	1,353.24	3/4	994.49	3/4	635.74	3/4	276.99	3/4		3/4	3/4	3/4		3/4	3/4
8	2,063.27	8	1,704.52	8	1,345.77	8	987.02	8	628.26	8	269.51	8	8	8	8	8		8	8
1/4	2,055.80	1/4	1,697.05	1/4	1,338.30	1/4	979.55	1/4	620.79	1/4	262.04	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,048.33	1/2	1,689.57	1/2	1,330.82	1/2	972.07	1/2	613.32	1/2	254.57	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,040.85	3/4	1,682.10	3/4	1,323.35	3/4	964.60	3/4	605.84	3/4	247.09	3/4		3/4	3/4	3/4		3/4	3/4
9	2,033.38	9	1,674.62	9	1,315.87	9	957.12	9	598.37	9	239.62	9	9	9	9	9		9	9
1/4	2,025.91	1/4	1,667.15	1/4	1,308.40	1/4	949.65	1/4	590.90	1/4	232.15	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,018.43	1/2	1,659.68	1/2	1,300.93	1/2	942.17	1/2	583.42	1/2	224.67	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,010.96	3/4	1,652.20	3/4	1,293.45	3/4	934.70	3/4	575.95	3/4	217.20	3/4		3/4	3/4	3/4		3/4	3/4
10	2,003.48	10	1,644.73	10	1,285.98	10	927.22	10	568.47	10	209.72	10	10	10	10	10		10	10
1/4	1,996.01	1/4	1,637.26	1/4	1,278.51	1/4	919.75	1/4	561.00	1/4	202.25	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,988.53	1/2	1,629.78	1/2	1,271.03	1/2	912.28	1/2	553.53	1/2	194.77	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,981.06	3/4	1,622.31	3/4	1,263.56	3/4	904.80	3/4	546.05	3/4	187.30	3/4		3/4	3/4	3/4		3/4	3/4
11	1,973.58	11	1,614.83	11	1,256.08	11	897.33	11	538.58	11	179.82	11	11	11	11	11		11	11
1/4	1,966.11	1/4	1,607.36	1/4	1,248.61	1/4	889.86	1/4	531.11	1/4	172.35	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,958.64	1/2	1,599.89	1/2	1,241.13	1/2	882.38	1/2	523.63	1/2	164.88	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,951.16	3/4	1,592.41	3/4	1,233.66	3/4	874.91	3/4	516.16	3/4	157.40	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/08/2011 INSP
RECALCULATED: 08/26/2021 PMA
NAME CHANGE: 08/26/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2021

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



BARGE "KIRBY 29146"

2 STBD

ULLAGE TABLE

MMC

GAUGE HEIGHT 16'-05 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30023"

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	2,324.87	0	1,966.11	0	1,607.36	0	1,248.61	0	889.86	0	531.11	0	172.35	0		0		0	
1/4	2,317.39	1/4	1,958.64	1/4	1,599.89	1/4	1,241.13	1/4	882.38	1/4	523.63	1/4	164.88	1/4		1/4		1/4	
1/2	2,309.92	1/2	1,951.16	1/2	1,592.41	1/2	1,233.66	1/2	874.91	1/2	516.16	1/2	157.40	1/2		1/2		1/2	
3/4	2,302.44	3/4	1,943.69	3/4	1,584.94	3/4	1,226.18	3/4	867.43	3/4	508.68	3/4	149.93	3/4		3/4		3/4	
1	2,294.97	1	1,936.22	1	1,577.47	1	1,218.71	1	859.96	1	501.21	1	142.46	1		1		1	
1/4	2,287.49	1/4	1,928.74	1/4	1,569.99	1/4	1,211.24	1/4	852.49	1/4	493.73	1/4	134.98	1/4		1/4		1/4	
1/2	2,280.02	1/2	1,921.27	1/2	1,562.52	1/2	1,203.76	1/2	845.01	1/2	486.26	1/2	127.51	1/2		1/2		1/2	
3/4	2,272.54	3/4	1,913.79	3/4	1,555.04	3/4	1,196.29	3/4	837.54	3/4	478.78	3/4	120.03	3/4		3/4		3/4	
2	2,265.07	2	1,906.32	2	1,547.57	2	1,188.82	2	830.07	2	471.31	2	112.56	2		2		2	
1/4	2,257.60	1/4	1,898.85	1/4	1,540.09	1/4	1,181.34	1/4	822.59	1/4	463.84	1/4	105.09	1/4		1/4		1/4	
1/2	2,250.12	1/2	1,891.37	1/2	1,532.62	1/2	1,173.87	1/2	815.12	1/2	456.36	1/2	97.61	1/2		1/2		1/2	
3/4	2,242.65	3/4	1,883.90	3/4	1,525.14	3/4	1,166.39	3/4	807.64	3/4	448.89	3/4	90.14	3/4		3/4		3/4	
3	2,235.18	3	1,876.43	3	1,517.67	3	1,158.92	3	800.17	3	441.42	3	82.67	3		3		3	
1/4	2,227.70	1/4	1,868.95	1/4	1,510.20	1/4	1,151.45	1/4	792.69	1/4	433.94	1/4	75.19	1/4		1/4		1/4	
1/2	2,220.23	1/2	1,861.48	1/2	1,502.72	1/2	1,143.97	1/2	785.22	1/2	426.47	1/2	67.72	1/2		1/2		1/2	
3/4	2,212.75	3/4	1,854.00	3/4	1,495.25	3/4	1,136.50	3/4	777.74	3/4	418.99	3/4	60.24	3/4		3/4		3/4	
4	2,205.28	4	1,846.53	4	1,487.78	4	1,129.03	4	770.27	4	411.52	4	53.68	4		4		4	
1/4	2,197.81	1/4	1,839.05	1/4	1,480.30	1/4	1,121.55	1/4	762.80	1/4	404.05	1/4	47.13	1/4		1/4		1/4	
1/2	2,190.33	1/2	1,831.58	1/2	1,472.83	1/2	1,114.08	1/2	755.32	1/2	396.57	1/2	40.57	1/2		1/2		1/2	
3/4	2,182.86	3/4	1,824.10	3/4	1,465.35	3/4	1,106.60	3/4	747.85	3/4	389.10	3/4	34.01	3/4		3/4		3/4	
5	2,175.39	5	1,816.63	5	1,457.88	5	1,099.13	5	740.38	5	381.63	5	29.33	5		5		5	
1/4	2,167.91	1/4	1,809.16	1/4	1,450.41	1/4	1,091.65	1/4	732.90	1/4	374.15	1/4	24.64	1/4		1/4		1/4	
1/2	2,160.44	1/2	1,801.68	1/2	1,442.93	1/2	1,084.18	1/2	725.43	1/2	366.68	1/2	19.96	1/2		1/2		1/2	
3/4	2,152.96	3/4	1,794.21	3/4	1,435.46	3/4	1,076.70	3/4	717.95	3/4	359.20	3/4	15.27	3/4		3/4		3/4	
6	2,145.49	6	1,786.74	6	1,427.99	6	1,069.23	6	710.48	6	351.73	6		6		6		6	
1/4	2,138.01	1/4	1,779.26	1/4	1,420.51	1/4	1,061.76	1/4	703.01	1/4	344.25	1/4		1/4		1/4		1/4	
1/2	2,130.54	1/2	1,771.79	1/2	1,413.04	1/2	1,054.28	1/2	695.53	1/2	336.78	1/2		1/2		1/2		1/2	
3/4	2,123.06	3/4	1,764.31	3/4	1,405.56	3/4	1,046.81	3/4	688.06	3/4	329.30	3/4		3/4		3/4		3/4	
7	2,115.59	7	1,756.84	7	1,398.09	7	1,039.34	7	680.59	7	321.83	7		7		7		7	
1/4	2,108.12	1/4	1,749.37	1/4	1,390.61	1/4	1,031.86	1/4	673.11	1/4	314.36	1/4		1/4		1/4		1/4	
1/2	2,100.64	1/2	1,741.89	1/2	1,383.14	1/2	1,024.39	1/2	665.64	1/2	306.88	1/2		1/2		1/2		1/2	
3/4	2,093.17	3/4	1,734.42	3/4	1,375.66	3/4	1,016.91	3/4	658.16	3/4	299.41	3/4		3/4		3/4		3/4	
8	2,085.70	8	1,726.95	8	1,368.19	8	1,009.44	8	650.69	8	291.94	8		8		8		8	
1/4	2,078.22	1/4	1,719.47	1/4	1,360.72	1/4	1,001.97	1/4	643.21	1/4	284.46	1/4		1/4		1/4		1/4	
1/2	2,070.75	1/2	1,712.00	1/2	1,353.24	1/2	994.49	1/2	635.74	1/2	276.99	1/2		1/2		1/2		1/2	
3/4	2,063.27	3/4	1,704.52	3/4	1,345.77	3/4	987.02	3/4	628.26	3/4	269.51	3/4		3/4		3/4		3/4	
9	2,055.80	9	1,697.05	9	1,338.30	9	979.55	9	620.79	9	262.04	9		9		9		9	
1/4	2,048.33	1/4	1,689.57	1/4	1,330.82	1/4	972.07	1/4	613.32	1/4	254.57	1/4		1/4		1/4		1/4	
1/2	2,040.85	1/2	1,682.10	1/2	1,323.35	1/2	964.60	1/2	605.84	1/2	247.09	1/2		1/2		1/2		1/2	
3/4	2,033.38	3/4	1,674.62	3/4	1,315.87	3/4	957.12	3/4	598.37	3/4	239.62	3/4		3/4		3/4		3/4	
10	2,025.91	10	1,667.15	10	1,308.40	10	949.65	10	590.90	10	232.15	10		10		10		10	
1/4	2,018.43	1/4	1,659.68	1/4	1,300.93	1/4	942.17	1/4	583.42	1/4	224.67	1/4		1/4		1/4		1/4	
1/2	2,010.96	1/2	1,652.20	1/2	1,293.45	1/2	934.70	1/2	575.95	1/2	217.20	1/2		1/2		1/2		1/2	
3/4	2,003.48	3/4	1,644.73	3/4	1,285.98	3/4	927.22	3/4	568.47	3/4	209.72	3/4		3/4		3/4		3/4	
11	1,996.01	11	1,637.26	11	1,278.51	11	919.75	11	561.00	11	202.25	11		11		11		11	
1/4	1,988.53	1/4	1,629.78	1/4	1,271.03	1/4	912.28	1/4	553.53	1/4	194.77	1/4		1/4		1/4		1/4	
1/2	1,981.06	1/2	1,622.31	1/2	1,263.56	1/2	904.80	1/2	546.05	1/2	187.30	1/2		1/2		1/2		1/2	
3/4	1,973.58	3/4	1,614.83	3/4	1,256.08	3/4	897.33	3/4	538.58	3/4	179.82	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/08/2011 INSP
RECALCULATED: 08/26/2021 PMA
NAME CHANGE: 08/26/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2021

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



BARGE "KIRBY 29146"

3 PORT ULLAGE TABLE MMC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30023"

GAUGE HEIGHT 16'-05"

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	2,302.08	0	1,942.32	0	1,582.56	0	1,223.82	0	866.10	0	507.83	0	149.56	0		0		0	
1/4	2,294.58	1/4	1,934.82	1/4	1,575.07	1/4	1,216.38	1/4	858.64	1/4	500.37	1/4	142.10	1/4	1/4	1/4		1/4	1/4
1/2	2,287.09	1/2	1,927.33	1/2	1,567.57	1/2	1,208.93	1/2	851.18	1/2	492.91	1/2	134.63	1/2	1/2	1/2		1/2	1/2
3/4	2,279.59	3/4	1,919.83	3/4	1,560.08	3/4	1,201.49	3/4	843.71	3/4	485.44	3/4	127.17	3/4	3/4	3/4		3/4	3/4
1	2,272.10	1	1,912.34	1	1,552.58	1	1,194.04	1	836.25	1	477.98	1	119.70	1	1	1		1	1
1/4	2,264.60	1/4	1,904.84	1/4	1,545.09	1/4	1,186.60	1/4	828.79	1/4	470.52	1/4	112.24	1/4	1/4	1/4		1/4	1/4
1/2	2,257.11	1/2	1,897.35	1/2	1,537.59	1/2	1,179.15	1/2	821.32	1/2	463.05	1/2	104.78	1/2	1/2	1/2		1/2	1/2
3/4	2,249.61	3/4	1,889.86	3/4	1,530.10	3/4	1,171.71	3/4	813.86	3/4	455.59	3/4	97.31	3/4	3/4	3/4		3/4	3/4
2	2,242.12	2	1,882.36	2	1,522.60	2	1,164.26	2	806.39	2	448.12	2	89.85	2	2	2		2	2
1/4	2,234.62	1/4	1,874.87	1/4	1,515.11	1/4	1,156.82	1/4	798.93	1/4	440.66	1/4	82.39	1/4	1/4	1/4		1/4	1/4
1/2	2,227.13	1/2	1,867.37	1/2	1,507.61	1/2	1,149.38	1/2	791.47	1/2	433.19	1/2	74.92	1/2	1/2	1/2		1/2	1/2
3/4	2,219.63	3/4	1,859.88	3/4	1,500.12	3/4	1,141.93	3/4	784.00	3/4	425.73	3/4	67.46	3/4	3/4	3/4		3/4	3/4
3	2,212.14	3	1,852.38	3	1,492.62	3	1,134.49	3	776.54	3	418.26	3	59.99	3	3	3		3	3
1/4	2,204.64	1/4	1,844.89	1/4	1,485.13	1/4	1,127.05	1/4	769.08	1/4	410.80	1/4	53.46	1/4	1/4	1/4		1/4	1/4
1/2	2,197.15	1/2	1,837.39	1/2	1,477.63	1/2	1,119.60	1/2	761.61	1/2	403.34	1/2	46.93	1/2	1/2	1/2		1/2	1/2
3/4	2,189.65	3/4	1,829.90	3/4	1,470.14	3/4	1,112.16	3/4	754.15	3/4	395.87	3/4	40.40	3/4	3/4	3/4		3/4	3/4
4	2,182.16	4	1,822.40	4	1,462.64	4	1,104.71	4	746.68	4	388.41	4	33.87	4	4	4		4	4
1/4	2,174.66	1/4	1,814.91	1/4	1,455.15	1/4	1,097.27	1/4	739.22	1/4	380.95	1/4	29.21	1/4	1/4	1/4		1/4	1/4
1/2	2,167.17	1/2	1,807.41	1/2	1,447.65	1/2	1,089.83	1/2	731.75	1/2	373.48	1/2	24.54	1/2	1/2	1/2		1/2	1/2
3/4	2,159.67	3/4	1,799.92	3/4	1,440.16	3/4	1,082.38	3/4	724.29	3/4	366.02	3/4	19.88	3/4	3/4	3/4		3/4	3/4
5	2,152.18	5	1,792.42	5	1,432.66	5	1,074.94	5	716.82	5	358.55	5	15.21	5	5	5		5	5
1/4	2,144.68	1/4	1,784.93	1/4	1,425.17	1/4	1,067.50	1/4	709.36	1/4	351.09	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,137.19	1/2	1,777.43	1/2	1,417.67	1/2	1,060.05	1/2	701.90	1/2	343.63	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,129.69	3/4	1,769.94	3/4	1,410.18	3/4	1,052.61	3/4	694.43	3/4	336.16	3/4		3/4	3/4	3/4		3/4	3/4
6	2,122.20	6	1,762.44	6	1,402.68	6	1,045.16	6	686.97	6	328.70	6	6	6	6	6		6	6
1/4	2,114.70	1/4	1,754.95	1/4	1,395.19	1/4	1,037.72	1/4	679.51	1/4	321.24	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,107.21	1/2	1,747.45	1/2	1,387.69	1/2	1,030.27	1/2	672.04	1/2	313.77	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,099.71	3/4	1,739.96	3/4	1,380.20	3/4	1,022.83	3/4	664.58	3/4	306.31	3/4		3/4	3/4	3/4		3/4	3/4
7	2,092.22	7	1,732.46	7	1,372.70	7	1,015.38	7	657.11	7	298.84	7	7	7	7	7		7	7
1/4	2,084.72	1/4	1,724.97	1/4	1,365.26	1/4	1,007.92	1/4	649.65	1/4	291.38	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,077.23	1/2	1,717.47	1/2	1,357.81	1/2	1,000.46	1/2	642.19	1/2	283.91	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,069.73	3/4	1,709.98	3/4	1,350.37	3/4	992.99	3/4	634.72	3/4	276.45	3/4		3/4	3/4	3/4		3/4	3/4
8	2,062.24	8	1,702.48	8	1,342.92	8	985.53	8	627.26	8	268.98	8	8	8	8	8		8	8
1/4	2,054.74	1/4	1,694.99	1/4	1,335.48	1/4	978.07	1/4	619.80	1/4	261.52	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,047.25	1/2	1,687.49	1/2	1,328.03	1/2	970.60	1/2	612.33	1/2	254.06	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,039.75	3/4	1,680.00	3/4	1,320.59	3/4	963.14	3/4	604.87	3/4	246.59	3/4		3/4	3/4	3/4		3/4	3/4
9	2,032.26	9	1,672.50	9	1,313.14	9	955.67	9	597.40	9	239.13	9	9	9	9	9		9	9
1/4	2,024.76	1/4	1,665.01	1/4	1,305.70	1/4	948.21	1/4	589.94	1/4	231.67	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,017.27	1/2	1,657.51	1/2	1,298.26	1/2	940.75	1/2	582.47	1/2	224.20	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,009.77	3/4	1,650.02	3/4	1,290.81	3/4	933.28	3/4	575.01	3/4	216.74	3/4		3/4	3/4	3/4		3/4	3/4
10	2,002.28	10	1,642.52	10	1,283.37	10	925.82	10	925.82	10	209.27	10	10	10	10	10		10	10
1/4	1,994.78	1/4	1,635.03	1/4	1,275.93	1/4	918.36	1/4	918.36	1/4	201.81	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,987.29	1/2	1,627.53	1/2	1,268.48	1/2	910.89	1/2	910.89	1/2	194.35	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,979.79	3/4	1,620.04	3/4	1,261.04	3/4	903.43	3/4	903.43	3/4	186.88	3/4		3/4	3/4	3/4		3/4	3/4
11	1,972.30	11	1,612.54	11	1,253.59	11	895.96	11	895.96	11	179.42	11	11	11	11	11		11	11
1/4	1,964.80	1/4	1,605.05	1/4	1,246.15	1/4	888.50	1/4	888.50	1/4	171.96	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,957.31	1/2	1,597.55	1/2	1,238.71	1/2	881.03	1/2	881.03	1/2	164.49	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,949.81	3/4	1,590.06	3/4	1,231.26	3/4	873.57	3/4	873.57	3/4	157.03	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/08/2011 INSP
RECALCULATED: 08/26/2021 PMA
NAME CHANGE: 08/26/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2021

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



BARGE "KIRBY 29146"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 4'-04 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	101	0	259	0	416	0	517	0		0		0		0		0	
1/4	1	1/4	104	1/4	262	1/4	419	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	107	1/2	265	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	110	3/4	269	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	113	1	272	1	428	1	1	1	1	1	1	1	1	1	1	1	1
1/4	4	1/4	116	1/4	276	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	119	1/2	279	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	122	3/4	282	3/4	436	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	125	2	286	2	439	2	2	2	2	2	2	2	2	2	2	2	2
1/4	9	1/4	129	1/4	289	1/4	442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	132	1/2	293	1/2	444	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	135	3/4	296	3/4	447	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	138	3	300	3	450	3	3	3	3	3	3	3	3	3	3	3	3
1/4	15	1/4	141	1/4	303	1/4	453	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	144	1/2	306	1/2	455	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	148	3/4	310	3/4	458	3/4		3/4		3/4		3/4		3/4		3/4	
4	21	4	151	4	313	4	460	4	4	4	4	4	4	4	4	4	4	4	4
1/4	23	1/4	154	1/4	316	1/4	463	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25	1/2	157	1/2	320	1/2	465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	161	3/4	323	3/4	468	3/4		3/4		3/4		3/4		3/4		3/4	
5	29	5	164	5	327	5	470	5	5	5	5	5	5	5	5	5	5	5	5
1/4	31	1/4	167	1/4	330	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	170	1/2	333	1/2	475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	174	3/4	337	3/4	477	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	177	6	340	6	480	6	6	6	6	6	6	6	6	6	6	6	6
1/4	40	1/4	180	1/4	343	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	184	1/2	347	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	187	3/4	350	3/4	486	3/4		3/4		3/4		3/4		3/4		3/4	
7	47	7	190	7	353	7	488	7	7	7	7	7	7	7	7	7	7	7	7
1/4	49	1/4	194	1/4	356	1/4	490	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	197	1/2	360	1/2	492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	201	3/4	363	3/4	494	3/4		3/4		3/4		3/4		3/4		3/4	
8	57	8	204	8	366	8	496	8	8	8	8	8	8	8	8	8	8	8	8
1/4	59	1/4	207	1/4	369	1/4	498	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	211	1/2	373	1/2	500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	214	3/4	376	3/4	502	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	217	9	379	9	504	9	9	9	9	9	9	9	9	9	9	9	9
1/4	70	1/4	221	1/4	382	1/4	505	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	224	1/2	385	1/2	507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	228	3/4	388	3/4	508	3/4		3/4		3/4		3/4		3/4		3/4	
10	78	10	231	10	392	10	510	10	10	10	10	10	10	10	10	10	10	10	10
1/4	81	1/4	235	1/4	395	1/4	511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84	1/2	238	1/2	398	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87	3/4	241	3/4	401	3/4	513	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	245	11	404	11	514	11	11	11	11	11	11	11	11	11	11	11	11
1/4	92	1/4	248	1/4	407	1/4	515	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	252	1/2	410	1/2	516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	98	3/4	255	3/4	413	3/4	516	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: 08/23/2021 JS
CALCULATED: 08/23/2021 CL
PRINTED: 08/23/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2021

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29146"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-04 1/4"

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	430	0	1,014	0	1,630	0	2,191	0		0							
1/4	5	1/4	442	1/4	1,027	1/4	1,642	1/4	2,202	1/4		1/4		1/4		1/4		1/4	
1/2	11	1/2	453	1/2	1,040	1/2	1,655	1/2	2,212	1/2		1/2		1/2		1/2		1/2	
3/4	16	3/4	464	3/4	1,053	3/4	1,667	3/4	2,222	3/4		3/4		3/4		3/4		3/4	
1	21	1	475	1	1,065	1	1,680	1	2,232	1		1		1		1		1	
1/4	28	1/4	487	1/4	1,078	1/4	1,692	1/4	2,242	1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	498	1/2	1,091	1/2	1,705	1/2	2,252	1/2		1/2		1/2		1/2		1/2	
3/4	41	3/4	510	3/4	1,104	3/4	1,717	3/4	2,262	3/4		3/4		3/4		3/4		3/4	
2	48	2	522	2	1,117	2	1,729	2	2,272	2		2		2		2		2	
1/4	55	1/4	533	1/4	1,130	1/4	1,742	1/4	2,282	1/4		1/4		1/4		1/4		1/4	
1/2	63	1/2	545	1/2	1,143	1/2	1,754	1/2	2,291	1/2		1/2		1/2		1/2		1/2	
3/4	70	3/4	557	3/4	1,156	3/4	1,766	3/4	2,301	3/4		3/4		3/4		3/4		3/4	
3	78	3	568	3	1,168	3	1,779	3	2,310	3		3		3		3		3	
1/4	86	1/4	580	1/4	1,181	1/4	1,791	1/4	2,319	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	592	1/2	1,194	1/2	1,803	1/2	2,328	1/2		1/2		1/2		1/2		1/2	
3/4	102	3/4	604	3/4	1,207	3/4	1,815	3/4	2,338	3/4		3/4		3/4		3/4		3/4	
4	110	4	616	4	1,220	4	1,827	4	2,347	4		4		4		4		4	
1/4	119	1/4	628	1/4	1,233	1/4	1,839	1/4	2,355	1/4		1/4		1/4		1/4		1/4	
1/2	128	1/2	640	1/2	1,246	1/2	1,852	1/2	2,364	1/2		1/2		1/2		1/2		1/2	
3/4	136	3/4	652	3/4	1,259	3/4	1,864	3/4	2,373	3/4		3/4		3/4		3/4		3/4	
5	145	5	664	5	1,272	5	1,876	5	2,381	5		5		5		5		5	
1/4	154	1/4	676	1/4	1,284	1/4	1,887	1/4	2,390	1/4		1/4		1/4		1/4		1/4	
1/2	163	1/2	689	1/2	1,297	1/2	1,899	1/2	2,398	1/2		1/2		1/2		1/2		1/2	
3/4	172	3/4	701	3/4	1,310	3/4	1,911	3/4	2,406	3/4		3/4		3/4		3/4		3/4	
6	181	6	713	6	1,323	6	1,923	6	2,414	6		6		6		6		6	
1/4	191	1/4	725	1/4	1,336	1/4	1,935	1/4	2,421	1/4		1/4		1/4		1/4		1/4	
1/2	200	1/2	738	1/2	1,349	1/2	1,947	1/2	2,429	1/2		1/2		1/2		1/2		1/2	
3/4	210	3/4	750	3/4	1,362	3/4	1,958	3/4	2,436	3/4		3/4		3/4		3/4		3/4	
7	220	7	762	7	1,375	7	1,970	7	2,444	7		7		7		7		7	
1/4	229	1/4	775	1/4	1,388	1/4	1,982	1/4	2,450	1/4		1/4		1/4		1/4		1/4	
1/2	239	1/2	787	1/2	1,400	1/2	1,993	1/2	2,457	1/2		1/2		1/2		1/2		1/2	
3/4	249	3/4	799	3/4	1,413	3/4	2,005	3/4	2,464	3/4		3/4		3/4		3/4		3/4	
8	259	8	812	8	1,426	8	2,016	8	2,470	8		8		8		8		8	
1/4	270	1/4	824	1/4	1,439	1/4	2,027	1/4	2,476	1/4		1/4		1/4		1/4		1/4	
1/2	280	1/2	837	1/2	1,452	1/2	2,039	1/2	2,481	1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	849	3/4	1,464	3/4	2,050	3/4	2,486	3/4		3/4		3/4		3/4		3/4	
9	300	9	862	9	1,477	9	2,061	9	2,492	9		9		9		9		9	
1/4	311	1/4	875	1/4	1,490	1/4	2,072	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	321	1/2	887	1/2	1,503	1/2	2,084	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	332	3/4	900	3/4	1,516	3/4	2,095	3/4		3/4		3/4		3/4		3/4		3/4	
10	343	10	912	10	1,528	10	2,106	10		10		10		10		10		10	
1/4	353	1/4	925	1/4	1,541	1/4	2,117	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	364	1/2	938	1/2	1,554	1/2	2,127	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	375	3/4	951	3/4	1,566	3/4	2,138	3/4		3/4		3/4		3/4		3/4		3/4	
11	386	11	963	11	1,579	11	2,149	11		11		11		11		11		11	
1/4	397	1/4	976	1/4	1,592	1/4	2,160	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	408	1/2	989	1/2	1,604	1/2	2,170	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	419	3/4	1,002	3/4	1,617	3/4	2,181	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: 08/23/2021 JS
CALCULATED: 08/23/2021 CL
PRINTED: 08/23/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2021

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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