



BARGE "KIRBY 29141"

ULLAGE TRIM TABLE

FORMERLY "SMI 30012"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 5'-00"
 DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-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"

LENGTH BETWEEN DRAFT MARKS: 236'-06"

May 7, 2024

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29141"

1 PORT
ULLAGE TABLE

MMC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

GAUGE HEIGHT 16'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.															
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0														
					5,084.40				4,757.10				4,398.68				4,040.27				3,681.85				3,323.43				2,965.01				2,606.59
1/4		1/4		1/4	5,081.28	1/4		1/4	4,749.63	1/4		1/4	4,391.21	1/4		1/4	4,032.80	1/4		1/4	3,674.38	1/4		1/4	3,315.96	1/4		1/4	2,957.55	1/4		1/4	2,599.13
1/2		1/2		1/2	5,078.17	1/2		1/2	4,742.16	1/2		1/2	4,383.74	1/2		1/2	4,025.33	1/2		1/2	3,666.91	1/2		1/2	3,308.50	1/2		1/2	2,950.08	1/2		1/2	2,591.66
3/4		3/4		3/4	5,073.82	3/4		3/4	4,734.69	3/4		3/4	4,376.28	3/4		3/4	4,017.86	3/4		3/4	3,659.44	3/4		3/4	3,301.03	3/4		3/4	2,942.61	3/4		3/4	2,584.19
1	1	1		1	5,069.46	1		1	4,727.23	1		1	4,368.81	1		1	4,010.40	1		1	3,651.98	1		1	3,293.57	1		1	2,935.14	1		1	2,576.73
1/4		1/4		1/4	5,065.11	1/4		1/4	4,719.76	1/4		1/4	4,361.35	1/4		1/4	4,002.93	1/4		1/4	3,644.51	1/4		1/4	3,286.10	1/4		1/4	2,927.68	1/4		1/4	2,569.26
1/2		1/2		1/2	5,060.75	1/2		1/2	4,712.29	1/2		1/2	4,353.88	1/2		1/2	3,995.46	1/2		1/2	3,637.04	1/2		1/2	3,278.63	1/2		1/2	2,920.21	1/2		1/2	2,561.80
3/4		3/4		3/4	5,055.15	3/4		3/4	4,704.82	3/4		3/4	4,346.41	3/4		3/4	3,987.99	3/4		3/4	3,629.58	3/4		3/4	3,271.16	3/4		3/4	2,912.74	3/4		3/4	2,554.33
2	2	2		2	5,049.55	2		2	4,697.36	2		2	4,338.95	2		2	3,980.53	2		2	3,622.11	2		2	3,263.70	2		2	2,905.27	2		2	2,546.86
1/4		1/4		1/4	5,043.95	1/4		1/4	4,689.89	1/4		1/4	4,331.48	1/4		1/4	3,973.06	1/4		1/4	3,614.65	1/4		1/4	3,256.23	1/4		1/4	2,897.81	1/4		1/4	2,539.40
1/2		1/2		1/2	5,038.35	1/2		1/2	4,682.42	1/2		1/2	4,324.01	1/2		1/2	3,965.59	1/2		1/2	3,607.18	1/2		1/2	3,248.76	1/2		1/2	2,890.34	1/2		1/2	2,531.93
3/4		3/4		3/4	5,031.51	3/4		3/4	4,674.96	3/4		3/4	4,316.54	3/4		3/4	3,958.12	3/4		3/4	3,599.71	3/4		3/4	3,241.29	3/4		3/4	2,882.87	3/4		3/4	2,524.46
3	3	3		3	5,024.66	3		3	4,667.49	3		3	4,309.08	3		3	3,950.66	3		3	3,592.25	3		3	3,233.83	3		3	2,875.41	3		3	2,516.99
1/4		1/4		1/4	5,017.82	1/4		1/4	4,660.03	1/4		1/4	4,301.61	1/4		1/4	3,943.19	1/4		1/4	3,584.78	1/4		1/4	3,226.36	1/4		1/4	2,867.94	1/4		1/4	2,509.53
1/2		1/2		1/2	5,010.97	1/2		1/2	4,652.56	1/2		1/2	4,294.14	1/2		1/2	3,935.72	1/2		1/2	3,577.31	1/2		1/2	3,218.89	1/2		1/2	2,860.48	1/2		1/2	2,502.06
3/4		3/4		3/4	5,003.50	3/4		3/4	4,645.09	3/4		3/4	4,286.67	3/4		3/4	3,928.26	3/4		3/4	3,569.84	3/4		3/4	3,211.42	3/4		3/4	2,853.01	3/4		3/4	2,494.59
4	4	4		4	4,996.04	4		4	4,637.63	4		4	4,279.21	4		4	3,920.79	4		4	3,562.38	4		4	3,203.96	4		4	2,845.54	4		4	2,487.12
1/4		1/4		1/4	4,988.57	1/4		1/4	4,630.16	1/4		1/4	4,271.74	1/4		1/4	3,913.33	1/4		1/4	3,554.91	1/4		1/4	3,196.49	1/4		1/4	2,838.08	1/4		1/4	2,479.66
1/2		1/2		1/2	4,981.10	1/2		1/2	4,622.69	1/2		1/2	4,264.27	1/2		1/2	3,905.86	1/2		1/2	3,547.44	1/2		1/2	3,189.02	1/2		1/2	2,830.61	1/2		1/2	2,472.19
3/4		3/4		3/4	4,973.64	3/4		3/4	4,615.22	3/4		3/4	4,256.80	3/4		3/4	3,898.39	3/4		3/4	3,539.97	3/4		3/4	3,181.56	3/4		3/4	2,823.14	3/4		3/4	2,464.72
5	5	5		5	4,966.17	5		5	4,607.76	5		5	4,249.34	5		5	3,890.93	5		5	3,532.51	5		5	3,174.09	5		5	2,815.67	5		5	2,457.25
1/4		1/4		1/4	4,958.71	1/4		1/4	4,600.29	1/4		1/4	4,241.87	1/4		1/4	3,883.46	1/4		1/4	3,525.04	1/4		1/4	3,166.63	1/4		1/4	2,808.21	1/4		1/4	2,449.79
1/2		1/2		1/2	4,951.24	1/2		1/2	4,592.82	1/2		1/2	4,234.40	1/2		1/2	3,875.99	1/2		1/2	3,517.57	1/2		1/2	3,159.16	1/2		1/2	2,800.74	1/2		1/2	2,442.32
3/4		3/4		3/4	4,943.77	3/4		3/4	4,585.35	3/4		3/4	4,226.94	3/4		3/4	3,868.52	3/4		3/4	3,510.10	3/4		3/4	3,151.69	3/4		3/4	2,793.27	3/4		3/4	2,434.85
6	6	6		6	4,936.31	6		6	4,577.89	6		6	4,219.47	6		6	3,861.06	6		6	3,502.64	6		6	3,144.23	6		6	2,785.80	6		6	2,427.39
1/4		1/4		1/4	4,928.84	1/4		1/4	4,570.42	1/4		1/4	4,212.01	1/4		1/4	3,853.59	1/4		1/4	3,495.17	1/4		1/4	3,136.76	1/4		1/4	2,778.34	1/4		1/4	2,419.92
1/2		1/2		1/2	4,921.37	1/2		1/2	4,562.95	1/2		1/2	4,204.54	1/2		1/2	3,846.12	1/2		1/2	3,487.70	1/2		1/2	3,129.29	1/2		1/2	2,770.87	1/2		1/2	2,412.46
3/4		3/4		3/4	4,913.90	3/4		3/4	4,555.48	3/4		3/4	4,197.07	3/4		3/4	3,838.65	3/4		3/4	3,480.24	3/4		3/4	3,121.82	3/4		3/4	2,763.40	3/4		3/4	2,404.99
7	7	7		7	4,906.44	7		7	4,548.02	7		7	4,189.61	7		7	3,831.19	7		7	3,472.77	7		7	3,114.36	7		7	2,755.93	7		7	2,397.52
1/4		1/4		1/4	4,898.97	1/4		1/4	4,540.55	1/4		1/4	4,182.14	1/4		1/4	3,823.72	1/4		1/4	3,465.31	1/4		1/4	3,106.89	1/4		1/4	2,748.47	1/4		1/4	2,390.06
1/2		1/2		1/2	4,891.50	1/2		1/2	4,533.08	1/2		1/2	4,174.67	1/2		1/2	3,816.25	1/2		1/2	3,457.84	1/2		1/2	3,099.42	1/2		1/2	2,741.00	1/2		1/2	2,382.59
3/4		3/4		3/4	4,884.03	3/4		3/4	4,525.62	3/4		3/4	4,167.20	3/4		3/4	3,808.78	3/4		3/4	3,450.37	3/4		3/4	3,091.95	3/4		3/4	2,733.53	3/4		3/4	2,375.12
8	8	8		8	4,876.57	8		8	4,518.15	8		8	4,159.74	8		8	3,801.32	8		8	3,442.91	8		8	3,084.49	8		8	2,726.07	8		8	2,367.65
1/4		1/4		1/4	4,869.10	1/4		1/4	4,510.69	1/4		1/4	4,152.27	1/4		1/4	3,793.85	1/4		1/4	3,435.44	1/4		1/4	3,077.02	1/4		1/4	2,718.60	1/4		1/4	2,360.19
1/2		1/2		1/2	4,861.63	1/2		1/2	4,503.22	1/2		1/2	4,144.80	1/2		1/2	3,786.38	1/2		1/2	3,427.97	1/2		1/2	3,069.55	1/2		1/2	2,711.14	1/2		1/2	2,352.72
3/4		3/4		3/4	4,854.16	3/4		3/4	4,495.75	3/4		3/4	4,137.33																				



BARGE "KIRBY 29141"

1 PORT ULLAGE TABLE

MMC

GAUGE HEIGHT 16'-04 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

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	2,248.18	0	1,889.76	0	1,531.35	0	1,172.93	0	814.56	0	456.48	0	120.48	0		0		0	
1/4	2,240.72	1/4	1,882.30	1/4	1,523.88	1/4	1,165.47	1/4	807.12	1/4	449.07	1/4	113.83	1/4	1/4	1/4		1/4	
1/2	2,233.25	1/2	1,874.83	1/2	1,516.42	1/2	1,158.00	1/2	799.68	1/2	441.67	1/2	107.17	1/2	1/2	1/2		1/2	
3/4	2,225.78	3/4	1,867.36	3/4	1,508.95	3/4	1,150.53	3/4	792.19	3/4	434.39	3/4	100.64	3/4	3/4	3/4		3/4	
1	2,218.31	1	1,859.89	1	1,501.48	1	1,143.06	1	784.70	1	427.11	1	94.10	1	1	1		1	
1/4	2,210.85	1/4	1,852.43	1/4	1,494.02	1/4	1,135.60	1/4	777.21	1/4	419.83	1/4	87.57	1/4	1/4	1/4		1/4	
1/2	2,203.38	1/2	1,844.96	1/2	1,486.55	1/2	1,128.13	1/2	769.72	1/2	412.55	1/2	81.04	1/2	1/2	1/2		1/2	
3/4	2,195.91	3/4	1,837.49	3/4	1,479.08	3/4	1,120.66	3/4	762.25	3/4	405.27	3/4	74.50	3/4	3/4	3/4		3/4	
2	2,188.44	2	1,830.03	2	1,471.61	2	1,113.19	2	754.78	2	397.99	2	67.97	2	2	2		2	
1/4	2,180.98	1/4	1,822.56	1/4	1,464.15	1/4	1,105.73	1/4	747.32	1/4	390.71	1/4	61.43	1/4	1/4	1/4		1/4	
1/2	2,173.51	1/2	1,815.10	1/2	1,456.68	1/2	1,098.26	1/2	739.85	1/2	383.43	1/2	54.90	1/2	1/2	1/2		1/2	
3/4	2,166.04	3/4	1,807.63	3/4	1,449.21	3/4	1,090.79	3/4	732.38	3/4	376.27	3/4	49.22	3/4	3/4	3/4		3/4	
3	2,158.57	3	1,800.16	3	1,441.74	3	1,083.33	3	724.91	3	369.12	3	43.55	3	3	3		3	
1/4	2,151.11	1/4	1,792.70	1/4	1,434.28	1/4	1,075.86	1/4	717.45	1/4	361.96	1/4	37.87	1/4	1/4	1/4		1/4	
1/2	2,143.64	1/2	1,785.23	1/2	1,426.81	1/2	1,068.40	1/2	709.98	1/2	354.81	1/2	32.20	1/2	1/2	1/2		1/2	
3/4	2,136.17	3/4	1,777.76	3/4	1,419.34	3/4	1,060.93	3/4	702.51	3/4	347.65	3/4	27.99	3/4	3/4	3/4		3/4	
4	2,128.71	4	1,770.29	4	1,411.87	4	1,053.46	4	695.04	4	340.50	4	23.78	4	4	4		4	
1/4	2,121.24	1/4	1,762.83	1/4	1,404.41	1/4	1,046.00	1/4	687.58	1/4	333.34	1/4	19.57	1/4	1/4	1/4		1/4	
1/2	2,113.78	1/2	1,755.36	1/2	1,396.94	1/2	1,038.53	1/2	680.11	1/2	326.19	1/2	15.36	1/2	1/2	1/2		1/2	
3/4	2,106.31	3/4	1,747.89	3/4	1,389.47	3/4	1,031.06	3/4	672.64	3/4	319.16	3/4		3/4	3/4	3/4		3/4	
5	2,098.84	5	1,740.42	5	1,382.01	5	1,023.59	5	665.17	5	312.13	5		5	5	5		5	
1/4	2,091.38	1/4	1,732.96	1/4	1,374.54	1/4	1,016.13	1/4	657.71	1/4	305.10	1/4		1/4	1/4	1/4		1/4	
1/2	2,083.91	1/2	1,725.49	1/2	1,367.08	1/2	1,008.66	1/2	650.24	1/2	298.07	1/2		1/2	1/2	1/2		1/2	
3/4	2,076.44	3/4	1,718.02	3/4	1,359.61	3/4	1,001.19	3/4	642.77	3/4	291.04	3/4		3/4	3/4	3/4		3/4	
6	2,068.97	6	1,710.55	6	1,352.14	6	993.72	6	635.31	6	284.00	6		6	6	6		6	
1/4	2,061.51	1/4	1,703.09	1/4	1,344.68	1/4	986.26	1/4	627.84	1/4	276.97	1/4		1/4	1/4	1/4		1/4	
1/2	2,054.04	1/2	1,695.62	1/2	1,337.21	1/2	978.79	1/2	620.38	1/2	269.94	1/2		1/2	1/2	1/2		1/2	
3/4	2,046.57	3/4	1,688.15	3/4	1,329.74	3/4	971.32	3/4	612.91	3/4	263.03	3/4		3/4	3/4	3/4		3/4	
7	2,039.10	7	1,680.69	7	1,322.27	7	963.85	7	605.44	7	256.13	7		7	7	7		7	
1/4	2,031.64	1/4	1,673.22	1/4	1,314.81	1/4	956.39	1/4	597.98	1/4	249.22	1/4		1/4	1/4	1/4		1/4	
1/2	2,024.17	1/2	1,665.76	1/2	1,307.34	1/2	948.92	1/2	590.51	1/2	242.32	1/2		1/2	1/2	1/2		1/2	
3/4	2,016.70	3/4	1,658.29	3/4	1,299.87	3/4	941.45	3/4	583.04	3/4	235.41	3/4		3/4	3/4	3/4		3/4	
8	2,009.23	8	1,650.82	8	1,292.40	8	933.99	8	575.57	8	228.50	8		8	8	8		8	
1/4	2,001.77	1/4	1,643.36	1/4	1,284.94	1/4	926.52	1/4	568.11	1/4	221.60	1/4		1/4	1/4	1/4		1/4	
1/2	1,994.30	1/2	1,635.89	1/2	1,277.47	1/2	919.06	1/2	560.64	1/2	214.69	1/2		1/2	1/2	1/2		1/2	
3/4	1,986.83	3/4	1,628.42	3/4	1,270.00	3/4	911.59	3/4	553.17	3/4	207.91	3/4		3/4	3/4	3/4		3/4	
9	1,979.37	9	1,620.95	9	1,262.53	9	904.12	9	545.70	9	201.12	9		9	9	9		9	
1/4	1,971.90	1/4	1,613.49	1/4	1,255.07	1/4	896.66	1/4	538.24	1/4	194.34	1/4		1/4	1/4	1/4		1/4	
1/2	1,964.44	1/2	1,606.02	1/2	1,247.60	1/2	889.19	1/2	530.77	1/2	187.56	1/2		1/2	1/2	1/2		1/2	
3/4	1,956.97	3/4	1,598.55	3/4	1,240.13	3/4	881.72	3/4	523.30	3/4	180.78	3/4		3/4	3/4	3/4		3/4	
10	1,949.50	10	1,591.08	10	1,232.67	10	874.25	10	515.83	10	173.99	10		10	10	10		10	
1/4	1,942.04	1/4	1,583.62	1/4	1,225.20	1/4	866.79	1/4	508.37	1/4	167.21	1/4		1/4	1/4	1/4		1/4	
1/2	1,934.57	1/2	1,576.15	1/2	1,217.74	1/2	859.32	1/2	500.90	1/2	160.43	1/2		1/2	1/2	1/2		1/2	
3/4	1,927.10	3/4	1,568.68	3/4	1,210.27	3/4	851.85	3/4	493.50	3/4	153.77	3/4		3/4	3/4	3/4		3/4	
11	1,919.63	11	1,561.21	11	1,202.80	11	844.38	11	486.09	11	147.11	11		11	11	11		11	
1/4	1,912.17	1/4	1,553.75	1/4	1,195.34	1/4	836.92	1/4	478.69	1/4	140.46	1/4		1/4	1/4	1/4		1/4	
1/2	1,904.70	1/2	1,546.28	1/2	1,187.87	1/2	829.45	1/2	471.29	1/2	133.80	1/2		1/2	1/2	1/2		1/2	
3/4	1,897.23	3/4	1,538.81	3/4	1,180.40	3/4	822.01	3/4	463.88	3/4	127.14	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/20/2009 INS
RENAMED: 05/07/2024 CL
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 29141"

1 STBD ULLAGE TABLE

MMC

GAUGE HEIGHT 16'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

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	5,060.75	0	4,712.29	0	4,353.88	0	3,995.46	0	3,637.04	0	3,278.63	0	2,920.21	0	2,561.80
1/4	1/4	1/4		1/4	5,055.15	1/4	4,704.82	1/4	4,346.41	1/4	3,987.99	1/4	3,629.58	1/4	3,271.16	1/4	2,912.74	1/4	2,554.33
1/2	1/2	1/2		1/2	5,049.55	1/2	4,697.36	1/2	4,338.95	1/2	3,980.53	1/2	3,622.11	1/2	3,263.70	1/2	2,905.27	1/2	2,546.86
3/4	3/4	3/4		3/4	5,043.95	3/4	4,689.89	3/4	4,331.48	3/4	3,973.06	3/4	3,614.65	3/4	3,256.23	3/4	2,897.81	3/4	2,539.40
1		1		1	5,038.35	1	4,682.42	1	4,324.01	1	3,965.59	1	3,607.18	1	3,248.76	1	2,890.34	1	2,531.93
1/4	1/4	1/4		1/4	5,031.51	1/4	4,674.96	1/4	4,316.54	1/4	3,958.12	1/4	3,599.71	1/4	3,241.29	1/4	2,882.87	1/4	2,524.46
1/2	1/2	1/2		1/2	5,024.66	1/2	4,667.49	1/2	4,309.08	1/2	3,950.66	1/2	3,592.25	1/2	3,233.83	1/2	2,875.41	1/2	2,516.99
3/4	3/4	3/4		3/4	5,017.82	3/4	4,660.03	3/4	4,301.61	3/4	3,943.19	3/4	3,584.78	3/4	3,226.36	3/4	2,867.94	3/4	2,509.53
2		2		2	5,010.97	2	4,652.56	2	4,294.14	2	3,935.72	2	3,577.31	2	3,218.89	2	2,860.48	2	2,502.06
1/4	1/4	1/4		1/4	5,003.50	1/4	4,645.09	1/4	4,286.67	1/4	3,928.26	1/4	3,569.84	1/4	3,211.42	1/4	2,853.01	1/4	2,494.59
1/2	1/2	1/2		1/2	4,996.04	1/2	4,637.63	1/2	4,279.21	1/2	3,920.79	1/2	3,562.38	1/2	3,203.96	1/2	2,845.54	1/2	2,487.12
3/4	3/4	3/4		3/4	4,988.57	3/4	4,630.16	3/4	4,271.74	3/4	3,913.33	3/4	3,554.91	3/4	3,196.49	3/4	2,838.08	3/4	2,479.66
3		3		3	4,981.10	3	4,622.69	3	4,264.27	3	3,905.86	3	3,547.44	3	3,189.02	3	2,830.61	3	2,472.19
1/4	1/4	1/4		1/4	4,973.64	1/4	4,615.22	1/4	4,256.80	1/4	3,898.39	1/4	3,539.97	1/4	3,181.56	1/4	2,823.14	1/4	2,464.72
1/2	1/2	1/2		1/2	4,966.17	1/2	4,607.76	1/2	4,249.34	1/2	3,890.93	1/2	3,532.51	1/2	3,174.09	1/2	2,815.67	1/2	2,457.25
3/4	3/4	3/4		3/4	4,958.71	3/4	4,600.29	3/4	4,241.87	3/4	3,883.46	3/4	3,525.04	3/4	3,166.63	3/4	2,808.21	3/4	2,449.79
4		4		4	4,951.24	4	4,592.82	4	4,234.40	4	3,875.99	4	3,517.57	4	3,159.16	4	2,800.74	4	2,442.32
1/4	1/4	1/4		1/4	4,943.77	1/4	4,585.35	1/4	4,226.94	1/4	3,868.52	1/4	3,510.10	1/4	3,151.69	1/4	2,793.27	1/4	2,434.85
1/2	1/2	1/2		1/2	4,936.31	1/2	4,577.89	1/2	4,219.47	1/2	3,861.06	1/2	3,502.64	1/2	3,144.23	1/2	2,785.80	1/2	2,427.39
3/4	3/4	3/4		3/4	4,928.84	3/4	4,570.42	3/4	4,212.01	3/4	3,853.59	3/4	3,495.17	3/4	3,136.76	3/4	2,778.34	3/4	2,419.92
5		5		5	4,921.37	5	4,562.95	5	4,204.54	5	3,846.12	5	3,487.70	5	3,129.29	5	2,770.87	5	2,412.46
1/4	1/4	1/4		1/4	4,913.90	1/4	4,555.48	1/4	4,197.07	1/4	3,838.65	1/4	3,480.24	1/4	3,121.82	1/4	2,763.40	1/4	2,404.99
1/2	1/2	1/2		1/2	4,906.44	1/2	4,548.02	1/2	4,189.61	1/2	3,831.19	1/2	3,472.77	1/2	3,114.36	1/2	2,755.93	1/2	2,397.52
3/4	3/4	3/4		3/4	4,898.97	3/4	4,540.55	3/4	4,182.14	3/4	3,823.72	3/4	3,465.31	3/4	3,106.89	3/4	2,748.47	3/4	2,390.06
6		6		6	4,891.50	6	4,533.08	6	4,174.67	6	3,816.25	6	3,457.84	6	3,099.42	6	2,741.00	6	2,382.59
1/4	1/4	1/4		1/4	4,884.03	1/4	4,525.62	1/4	4,167.20	1/4	3,808.78	1/4	3,450.37	1/4	3,091.95	1/4	2,733.53	1/4	2,375.12
1/2	1/2	1/2		1/2	4,876.57	1/2	4,518.15	1/2	4,159.74	1/2	3,801.32	1/2	3,442.91	1/2	3,084.49	1/2	2,726.07	1/2	2,367.65
3/4	3/4	3/4		3/4	4,869.10	3/4	4,510.69	3/4	4,152.27	3/4	3,793.85	3/4	3,435.44	3/4	3,077.02	3/4	2,718.60	3/4	2,360.19
7		7		7	4,861.63	7	4,503.22	7	4,144.80	7	3,786.38	7	3,427.97	7	3,069.55	7	2,711.14	7	2,352.72
1/4	1/4	1/4		1/4	4,854.16	1/4	4,495.75	1/4	4,137.33	1/4	3,778.92	1/4	3,420.50	1/4	3,062.08	1/4	2,703.67	1/4	2,345.25
1/2	1/2	1/2		1/2	4,846.70	1/2	4,488.29	1/2	4,129.87	1/2	3,771.45	1/2	3,413.04	1/2	3,054.61	1/2	2,696.20	1/2	2,337.78
3/4	3/4	3/4		3/4	4,839.23	3/4	4,480.82	3/4	4,122.40	3/4	3,763.99	3/4	3,405.57	3/4	3,047.15	3/4	2,688.74	3/4	2,330.32
8		8	5,100.57	8	4,831.76	8	4,473.35	8	4,114.93	8	3,756.52	8	3,398.10	8	3,039.68	8	2,681.27	8	2,322.85
1/4	1/4	1/4	5,099.95	1/4	4,824.30	1/4	4,465.88	1/4	4,107.46	1/4	3,749.05	1/4	3,390.63	1/4	3,032.21	1/4	2,673.80	1/4	2,315.38
1/2	1/2	1/2	5,099.33	1/2	4,816.83	1/2	4,458.42	1/2	4,100.00	1/2	3,741.59	1/2	3,383.17	1/2	3,024.75	1/2	2,666.33	1/2	2,307.91
3/4	3/4	3/4	5,098.70	3/4	4,809.37	3/4	4,450.95	3/4	4,092.53	3/4	3,734.12	3/4	3,375.70	3/4	3,017.28	3/4	2,658.87	3/4	2,300.45
9		9	5,098.08	9	4,801.90	9	4,443.48	9	4,085.06	9	3,726.65	9	3,368.23	9	3,009.82	9	2,651.40	9	2,292.98
1/4	1/4	1/4	5,096.22	1/4	4,794.43	1/4	4,436.01	1/4	4,077.60	1/4	3,719.18	1/4	3,360.76	1/4	3,002.35	1/4	2,643.93	1/4	2,285.51
1/2	1/2	1/2	5,094.35	1/2	4,786.97	1/2	4,428.55	1/2	4,070.13	1/2	3,711.72	1/2	3,353.29	1/2	2,994.88	1/2	2,636.46	1/2	2,278.05
3/4	3/4	3/4	5,092.49	3/4	4,779.50	3/4	4,421.08	3/4	4,062.67	3/4	3,704.25	3/4	3,345.82	3/4	2,987.42	3/4	2,629.00	3/4	2,270.58
10		10	5,090.62	10	4,772.03	10	4,413.61	10	4,055.20	10	3,696.78	10	3,338.35	10	2,979.95	10	2,621.53	10	2,263.12
1/4	1/4	1/4	5,087.51	1/4	4,764.56	1/4	4,406.14	1/4	4,047.73	1/4	3,689.31	1/4	3,330.89	1/4	2,972.48	1/4	2,614.06	1/4	2,255.65
1/2	1/2	1/2	5,084.40	1/2	4,757.10	1/2	4,398.68	1/2	4,040.27	1/2	3,681.85	1/2	3,323.43	1/2	2,965.01	1/2	2,606.59	1/2	2,248.18
3/4	3/4	3/4	5,081.28	3/4	4,749.63	3/4	4,391.21	3/4	4,032.80	3/4	3,674.38	3/4	3,315.96	3/4	2,957.55	3/4	2,599.13	3/4	2,240.72
11		11	5,078.17	11	4,742.16	11	4,383.74	11	4,025.33	11	3,666.91	11	3,308.50	11	2,950.08	11	2,591.66	11	2,233.25
1/4	1/4	1/4	5,073.82	1/4	4,734.69	1/4	4,376.28	1/4	4,017.86	1/4	3,659.44	1/4	3,301.03	1/4	2,942.61	1/4	2,584.19	1/4	2,225.78
1/2	1/2	1/2	5,069.46	1/2	4,727.23	1/2	4,368.81	1/2	4,010.40	1/2	3,651.98	1/2	3,293.57	1/2	2,935.14	1/2	2,576.73	1/2	2,218.31
3/4	3/4	3/4	5,065.11	3/4	4,719.76	3/4	4,361.35	3/4	4,002.93	3/4	3,644.51	3/4	3,286.10	3/4	2,927.68	3/4	2,569.26	3/4	2,210.85

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 TO TOP OF "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29141"

1 STBD
ULLAGE TABLE
MMC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

GAUGE HEIGHT 16'-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	2,203.38	0	1,844.96	0	1,486.55	0	1,128.13	0	769.72	0	412.55	0	81.04	0		0		0	
1/4	2,195.91	1/4	1,837.49	1/4	1,479.08	1/4	1,120.66	1/4	762.25	1/4	405.27	1/4	74.50	1/4	1/4	1/4		1/4	
1/2	2,188.44	1/2	1,830.03	1/2	1,471.61	1/2	1,113.19	1/2	754.78	1/2	397.99	1/2	67.97	1/2	1/2	1/2		1/2	
3/4	2,180.98	3/4	1,822.56	3/4	1,464.15	3/4	1,105.73	3/4	747.32	3/4	390.71	3/4	61.43	3/4	3/4	3/4		3/4	
1	2,173.51	1	1,815.10	1	1,456.68	1	1,098.26	1	739.85	1	383.43	1	54.90	1	1	1		1	
1/4	2,166.04	1/4	1,807.63	1/4	1,449.21	1/4	1,090.79	1/4	732.38	1/4	376.27	1/4	49.22	1/4	1/4	1/4		1/4	
1/2	2,158.57	1/2	1,800.16	1/2	1,441.74	1/2	1,083.33	1/2	724.91	1/2	369.12	1/2	43.55	1/2	1/2	1/2		1/2	
3/4	2,151.11	3/4	1,792.70	3/4	1,434.28	3/4	1,075.86	3/4	717.45	3/4	361.96	3/4	37.87	3/4	3/4	3/4		3/4	
2	2,143.64	2	1,785.23	2	1,426.81	2	1,068.40	2	709.98	2	354.81	2	32.20	2	2	2		2	
1/4	2,136.17	1/4	1,777.76	1/4	1,419.34	1/4	1,060.93	1/4	702.51	1/4	347.65	1/4	27.99	1/4	1/4	1/4		1/4	
1/2	2,128.71	1/2	1,770.29	1/2	1,411.87	1/2	1,053.46	1/2	695.04	1/2	340.50	1/2	23.78	1/2	1/2	1/2		1/2	
3/4	2,121.24	3/4	1,762.83	3/4	1,404.41	3/4	1,046.00	3/4	687.58	3/4	333.34	3/4	19.57	3/4	3/4	3/4		3/4	
3	2,113.78	3	1,755.36	3	1,396.94	3	1,038.53	3	680.11	3	326.19	3	15.36	3	3	3		3	
1/4	2,106.31	1/4	1,747.89	1/4	1,389.47	1/4	1,031.06	1/4	672.64	1/4	319.16	1/4		1/4	1/4	1/4		1/4	
1/2	2,098.84	1/2	1,740.42	1/2	1,382.01	1/2	1,023.59	1/2	665.17	1/2	312.13	1/2		1/2	1/2	1/2		1/2	
3/4	2,091.38	3/4	1,732.96	3/4	1,374.54	3/4	1,016.13	3/4	657.71	3/4	305.10	3/4		3/4	3/4	3/4		3/4	
4	2,083.91	4	1,725.49	4	1,367.08	4	1,008.66	4	650.24	4	298.07	4	4	4	4	4		4	
1/4	2,076.44	1/4	1,718.02	1/4	1,359.61	1/4	1,001.19	1/4	642.77	1/4	291.04	1/4		1/4	1/4	1/4		1/4	
1/2	2,068.97	1/2	1,710.55	1/2	1,352.14	1/2	993.72	1/2	635.31	1/2	284.00	1/2		1/2	1/2	1/2		1/2	
3/4	2,061.51	3/4	1,703.09	3/4	1,344.68	3/4	986.26	3/4	627.84	3/4	276.97	3/4		3/4	3/4	3/4		3/4	
5	2,054.04	5	1,695.62	5	1,337.21	5	978.79	5	620.38	5	269.94	5	5	5	5	5		5	
1/4	2,046.57	1/4	1,688.15	1/4	1,329.74	1/4	971.32	1/4	612.91	1/4	263.03	1/4		1/4	1/4	1/4		1/4	
1/2	2,039.10	1/2	1,680.69	1/2	1,322.27	1/2	963.85	1/2	605.44	1/2	256.13	1/2		1/2	1/2	1/2		1/2	
3/4	2,031.64	3/4	1,673.22	3/4	1,314.81	3/4	956.39	3/4	597.98	3/4	249.22	3/4		3/4	3/4	3/4		3/4	
6	2,024.17	6	1,665.76	6	1,307.34	6	948.92	6	590.51	6	242.32	6	6	6	6	6		6	
1/4	2,016.70	1/4	1,658.29	1/4	1,299.87	1/4	941.45	1/4	583.04	1/4	235.41	1/4		1/4	1/4	1/4		1/4	
1/2	2,009.23	1/2	1,650.82	1/2	1,292.40	1/2	933.99	1/2	575.57	1/2	228.50	1/2		1/2	1/2	1/2		1/2	
3/4	2,001.77	3/4	1,643.36	3/4	1,284.94	3/4	926.52	3/4	568.11	3/4	221.60	3/4		3/4	3/4	3/4		3/4	
7	1,994.30	7	1,635.89	7	1,277.47	7	919.06	7	560.64	7	214.69	7	7	7	7	7		7	
1/4	1,986.83	1/4	1,628.42	1/4	1,270.00	1/4	911.59	1/4	553.17	1/4	207.91	1/4		1/4	1/4	1/4		1/4	
1/2	1,979.37	1/2	1,620.95	1/2	1,262.53	1/2	904.12	1/2	545.70	1/2	201.12	1/2		1/2	1/2	1/2		1/2	
3/4	1,971.90	3/4	1,613.49	3/4	1,255.07	3/4	896.66	3/4	538.24	3/4	194.34	3/4		3/4	3/4	3/4		3/4	
8	1,964.44	8	1,606.02	8	1,247.60	8	889.19	8	530.77	8	187.56	8	8	8	8	8		8	
1/4	1,956.97	1/4	1,598.55	1/4	1,240.13	1/4	881.72	1/4	523.30	1/4	180.78	1/4		1/4	1/4	1/4		1/4	
1/2	1,949.50	1/2	1,591.08	1/2	1,232.67	1/2	874.25	1/2	515.83	1/2	173.99	1/2		1/2	1/2	1/2		1/2	
3/4	1,942.04	3/4	1,583.62	3/4	1,225.20	3/4	866.79	3/4	508.37	3/4	167.21	3/4		3/4	3/4	3/4		3/4	
9	1,934.57	9	1,576.15	9	1,217.74	9	859.32	9	500.90	9	160.43	9	9	9	9	9		9	
1/4	1,927.10	1/4	1,568.68	1/4	1,210.27	1/4	851.85	1/4	493.50	1/4	153.77	1/4		1/4	1/4	1/4		1/4	
1/2	1,919.63	1/2	1,561.21	1/2	1,202.80	1/2	844.38	1/2	486.09	1/2	147.11	1/2		1/2	1/2	1/2		1/2	
3/4	1,912.17	3/4	1,553.75	3/4	1,195.34	3/4	836.92	3/4	478.69	3/4	140.46	3/4		3/4	3/4	3/4		3/4	
10	1,904.70	10	1,546.28	10	1,187.87	10	829.45	10	471.29	10	133.80	10	10	10	10	10		10	
1/4	1,897.23	1/4	1,538.81	1/4	1,180.40	1/4	822.01	1/4	463.88	1/4	127.14	1/4		1/4	1/4	1/4		1/4	
1/2	1,889.76	1/2	1,531.35	1/2	1,172.93	1/2	814.56	1/2	456.48	1/2	120.48	1/2		1/2	1/2	1/2		1/2	
3/4	1,882.30	3/4	1,523.88	3/4	1,165.47	3/4	807.12	3/4	449.07	3/4	113.83	3/4		3/4	3/4	3/4		3/4	
11	1,874.83	11	1,516.42	11	1,158.00	11	799.68	11	441.67	11	107.17	11	11	11	11	11		11	
1/4	1,867.36	1/4	1,508.95	1/4	1,150.53	1/4	792.19	1/4	434.39	1/4	100.64	1/4		1/4	1/4	1/4		1/4	
1/2	1,859.89	1/2	1,501.48	1/2	1,143.06	1/2	784.70	1/2	427.11	1/2	94.10	1/2		1/2	1/2	1/2		1/2	
3/4	1,852.43	3/4	1,494.02	3/4	1,135.60	3/4	777.21	3/4	419.83	3/4	87.57	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/20/2009 INS
RENAMED: 05/07/2024 CL
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 29141"

2 PORT ULLAGE TABLE

MMC

GAUGE HEIGHT 16'-04"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

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	5,127.67	0	4,790.76	0	4,431.48	0	4,072.20	0	3,712.92	0	3,353.64	0	2,994.36	0	2,635.08
1/4	1/4	1/4	1/4	1/4	5,123.30	1/4	4,783.28	1/4	4,424.00	1/4	4,064.72	1/4	3,705.44	1/4	3,346.16	1/4	2,986.88	1/4	2,627.60
1/2	1/2	1/2	1/2	1/2	5,118.93	1/2	4,775.79	1/2	4,416.51	1/2	4,057.23	1/2	3,697.95	1/2	3,338.67	1/2	2,979.39	1/2	2,620.11
3/4	3/4	3/4	3/4	3/4	5,114.55	3/4	4,768.31	3/4	4,409.03	3/4	4,049.75	3/4	3,690.47	3/4	3,331.19	3/4	2,971.91	3/4	2,612.63
1		1		1	5,110.18	1	4,760.82	1	4,401.54	1	4,042.26	1	3,682.98	1	3,323.70	1	2,964.42	1	2,605.14
1/4	1/4	1/4	1/4	1/4	5,104.56	1/4	4,753.34	1/4	4,394.06	1/4	4,034.78	1/4	3,675.50	1/4	3,316.22	1/4	2,956.94	1/4	2,597.66
1/2	1/2	1/2	1/2	1/2	5,098.94	1/2	4,745.85	1/2	4,386.57	1/2	4,027.29	1/2	3,668.01	1/2	3,308.73	1/2	2,949.45	1/2	2,590.17
3/4	3/4	3/4	3/4	3/4	5,093.32	3/4	4,738.37	3/4	4,379.09	3/4	4,019.81	3/4	3,660.53	3/4	3,301.25	3/4	2,941.97	3/4	2,582.69
2		2		2	5,087.70	2	4,730.88	2	4,371.60	2	4,012.32	2	3,653.04	2	3,293.76	2	2,934.48	2	2,575.20
1/4	1/4	1/4	1/4	1/4	5,080.83	1/4	4,723.40	1/4	4,364.12	1/4	4,004.84	1/4	3,645.56	1/4	3,286.28	1/4	2,927.00	1/4	2,567.72
1/2	1/2	1/2	1/2	1/2	5,073.96	1/2	4,715.91	1/2	4,356.63	1/2	3,997.35	1/2	3,638.07	1/2	3,278.79	1/2	2,919.51	1/2	2,560.23
3/4	3/4	3/4	3/4	3/4	5,067.09	3/4	4,708.43	3/4	4,349.15	3/4	3,989.87	3/4	3,630.59	3/4	3,271.31	3/4	2,912.03	3/4	2,552.75
3		3		3	5,060.22	3	4,700.94	3	4,341.66	3	3,982.38	3	3,623.10	3	3,263.82	3	2,904.54	3	2,545.26
1/4	1/4	1/4	1/4	1/4	5,052.74	1/4	4,693.46	1/4	4,334.18	1/4	3,974.90	1/4	3,615.62	1/4	3,256.34	1/4	2,897.06	1/4	2,537.78
1/2	1/2	1/2	1/2	1/2	5,045.25	1/2	4,685.97	1/2	4,326.69	1/2	3,967.41	1/2	3,608.13	1/2	3,248.85	1/2	2,889.57	1/2	2,530.29
3/4	3/4	3/4	3/4	3/4	5,037.77	3/4	4,678.49	3/4	4,319.21	3/4	3,959.93	3/4	3,600.65	3/4	3,241.37	3/4	2,882.09	3/4	2,522.81
4		4		4	5,030.28	4	4,671.00	4	4,311.72	4	3,952.44	4	3,593.16	4	3,233.88	4	2,874.60	4	2,515.32
1/4	1/4	1/4	1/4	1/4	5,022.80	1/4	4,663.52	1/4	4,304.24	1/4	3,944.96	1/4	3,585.68	1/4	3,226.40	1/4	2,867.12	1/4	2,507.84
1/2	1/2	1/2	1/2	1/2	5,015.31	1/2	4,656.03	1/2	4,296.75	1/2	3,937.47	1/2	3,578.19	1/2	3,218.91	1/2	2,859.63	1/2	2,500.35
3/4	3/4	3/4	3/4	3/4	5,007.83	3/4	4,648.55	3/4	4,289.27	3/4	3,929.99	3/4	3,570.71	3/4	3,211.43	3/4	2,852.15	3/4	2,492.87
5		5		5	5,000.34	5	4,641.06	5	4,281.78	5	3,922.50	5	3,563.22	5	3,203.94	5	2,844.66	5	2,485.38
1/4	1/4	1/4	1/4	1/4	4,992.86	1/4	4,633.58	1/4	4,274.30	1/4	3,915.02	1/4	3,555.74	1/4	3,196.46	1/4	2,837.18	1/4	2,477.90
1/2	1/2	1/2	1/2	1/2	4,985.37	1/2	4,626.09	1/2	4,266.81	1/2	3,907.53	1/2	3,548.25	1/2	3,188.97	1/2	2,829.69	1/2	2,470.41
3/4	3/4	3/4	3/4	3/4	4,977.89	3/4	4,618.61	3/4	4,259.33	3/4	3,900.05	3/4	3,540.77	3/4	3,181.49	3/4	2,822.21	3/4	2,462.93
6		6		6	4,970.40	6	4,611.12	6	4,251.84	6	3,892.56	6	3,533.28	6	3,174.00	6	2,814.72	6	2,455.44
1/4	1/4	1/4	1/4	1/4	4,962.92	1/4	4,603.64	1/4	4,244.36	1/4	3,885.08	1/4	3,525.80	1/4	3,166.52	1/4	2,807.24	1/4	2,447.96
1/2	1/2	1/2	1/2	1/2	4,955.43	1/2	4,596.15	1/2	4,236.87	1/2	3,877.59	1/2	3,518.31	1/2	3,159.03	1/2	2,799.75	1/2	2,440.47
3/4	3/4	3/4	3/4	3/4	4,947.95	3/4	4,588.67	3/4	4,229.39	3/4	3,870.11	3/4	3,510.83	3/4	3,151.55	3/4	2,792.27	3/4	2,432.99
7		7		7	4,940.46	7	4,581.18	7	4,221.90	7	3,862.62	7	3,503.34	7	3,144.06	7	2,784.78	7	2,425.50
1/4	1/4	1/4	1/4	1/4	4,932.98	1/4	4,573.70	1/4	4,214.42	1/4	3,855.14	1/4	3,495.86	1/4	3,136.58	1/4	2,777.30	1/4	2,418.02
1/2	1/2	1/2	1/2	1/2	4,925.49	1/2	4,566.21	1/2	4,206.93	1/2	3,847.65	1/2	3,488.37	1/2	3,129.09	1/2	2,769.81	1/2	2,410.53
3/4	3/4	3/4	3/4	3/4	4,918.01	3/4	4,558.73	3/4	4,199.45	3/4	3,840.17	3/4	3,480.89	3/4	3,121.61	3/4	2,762.33	3/4	2,403.05
8		8		8	4,910.52	8	4,551.24	8	4,191.96	8	3,832.68	8	3,473.40	8	3,114.12	8	2,754.84	8	2,395.56
1/4	1/4	1/4	1/4	1/4	4,903.04	1/4	4,543.76	1/4	4,184.48	1/4	3,825.20	1/4	3,465.92	1/4	3,106.64	1/4	2,747.36	1/4	2,388.08
1/2	1/2	1/2	1/2	1/2	4,895.55	1/2	4,536.27	1/2	4,176.99	1/2	3,817.71	1/2	3,458.43	1/2	3,099.15	1/2	2,739.87	1/2	2,380.59
3/4	3/4	3/4	3/4	3/4	4,888.07	3/4	4,528.79	3/4	4,169.51	3/4	3,810.23	3/4	3,450.95	3/4	3,091.67	3/4	2,732.39	3/4	2,373.11
9		9	5,151.16	9	4,880.58	9	4,521.30	9	4,162.02	9	3,802.74	9	3,443.46	9	3,084.18	9	2,724.90	9	2,365.62
1/4	1/4	1/4	5,150.29	1/4	4,873.10	1/4	4,513.82	1/4	4,154.54	1/4	3,795.26	1/4	3,435.98	1/4	3,076.70	1/4	2,717.42	1/4	2,358.14
1/2	1/2	1/2	5,149.41	1/2	4,865.61	1/2	4,506.33	1/2	4,147.05	1/2	3,787.77	1/2	3,428.49	1/2	3,069.21	1/2	2,709.93	1/2	2,350.65
3/4	3/4	3/4	5,148.54	3/4	4,858.13	3/4	4,498.85	3/4	4,139.57	3/4	3,780.29	3/4	3,421.01	3/4	3,061.73	3/4	2,702.45	3/4	2,343.17
10		10	5,147.66	10	4,850.64	10	4,491.36	10	4,132.08	10	3,772.80	10	3,413.52	10	3,054.24	10	2,694.96	10	2,335.68
1/4	1/4	1/4	5,145.79	1/4	4,843.16	1/4	4,483.88	1/4	4,124.60	1/4	3,765.32	1/4	3,406.04	1/4	3,046.76	1/4	2,687.48	1/4	2,328.20
1/2	1/2	1/2	5,143.91	1/2	4,835.67	1/2	4,476.39	1/2	4,117.11	1/2	3,757.83	1/2	3,398.55	1/2	3,039.27	1/2	2,679.99	1/2	2,320.71
3/4	3/4	3/4	5,142.04	3/4	4,828.19	3/4	4,468.91	3/4	4,109.63	3/4	3,750.35	3/4	3,391.07	3/4	3,031.79	3/4	2,672.51	3/4	2,313.23
11		11	5,140.16	11	4,820.70	11	4,461.42	11	4,102.14	11	3,742.86	11	3,383.58	11	3,024.30	11	2,665.02	11	2,305.74
1/4	1/4	1/4	5,137.04	1/4	4,813.22	1/4	4,453.94	1/4	4,094.66	1/4	3,735.38	1/4	3,376.10	1/4	3,016.82	1/4	2,657.54	1/4	2,298.26
1/2	1/2	1/2	5,133.92	1/2	4,805.73	1/2	4,446.45	1/2	4,087.17	1/2	3,727.89	1/2	3,368.61	1/2	3,009.33	1/2	2,650.05	1/2	2,290.77
3/4	3/4	3/4	5,130.79	3/4	4,798.25	3/4	4,438.97	3/4	4,079.69	3/4	3,720.41	3/4	3,361.13	3/4	3,001.85	3/4	2,642.57	3/4	2,283.29

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 TO TOP OF "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29141"

2 PORT ULLAGE TABLE

MMC

GAUGE HEIGHT 16'-04"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

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	2,275.80	0	1,916.52	0	1,557.24	0	1,197.96	0	838.68	0	479.40	0	120.12	0		0		0	
1/4	2,268.32	1/4	1,909.04	1/4	1,549.76	1/4	1,190.48	1/4	831.20	1/4	471.92	1/4	112.64	1/4	1/4	1/4		1/4	
1/2	2,260.83	1/2	1,901.55	1/2	1,542.27	1/2	1,182.99	1/2	823.71	1/2	464.43	1/2	105.15	1/2	1/2	1/2		1/2	
3/4	2,253.35	3/4	1,894.07	3/4	1,534.79	3/4	1,175.51	3/4	816.23	3/4	456.95	3/4	97.67	3/4	3/4	3/4		3/4	
1	2,245.86	1	1,886.58	1	1,527.30	1	1,168.02	1	808.74	1	449.46	1	90.18	1	1	1		1	
1/4	2,238.38	1/4	1,879.10	1/4	1,519.82	1/4	1,160.54	1/4	801.26	1/4	441.98	1/4	82.70	1/4	1/4	1/4		1/4	
1/2	2,230.89	1/2	1,871.61	1/2	1,512.33	1/2	1,153.05	1/2	793.77	1/2	434.49	1/2	75.21	1/2	1/2	1/2		1/2	
3/4	2,223.41	3/4	1,864.13	3/4	1,504.85	3/4	1,145.57	3/4	786.29	3/4	427.01	3/4	67.73	3/4	3/4	3/4		3/4	
2	2,215.92	2	1,856.64	2	1,497.36	2	1,138.08	2	778.80	2	419.52	2	60.24	2	2	2		2	
1/4	2,208.44	1/4	1,849.16	1/4	1,489.88	1/4	1,130.60	1/4	771.32	1/4	412.04	1/4	53.68	1/4	1/4	1/4		1/4	
1/2	2,200.95	1/2	1,841.67	1/2	1,482.39	1/2	1,123.11	1/2	763.83	1/2	404.55	1/2	47.13	1/2	1/2	1/2		1/2	
3/4	2,193.47	3/4	1,834.19	3/4	1,474.91	3/4	1,115.63	3/4	756.35	3/4	397.07	3/4	40.57	3/4	3/4	3/4		3/4	
3	2,185.98	3	1,826.70	3	1,467.42	3	1,108.14	3	748.86	3	389.58	3	34.01	3	3	3		3	
1/4	2,178.50	1/4	1,819.22	1/4	1,459.94	1/4	1,100.66	1/4	741.38	1/4	382.10	1/4	29.33	1/4	1/4	1/4		1/4	
1/2	2,171.01	1/2	1,811.73	1/2	1,452.45	1/2	1,093.17	1/2	733.89	1/2	374.61	1/2	24.64	1/2	1/2	1/2		1/2	
3/4	2,163.53	3/4	1,804.25	3/4	1,444.97	3/4	1,085.69	3/4	726.41	3/4	367.13	3/4	19.96	3/4	3/4	3/4		3/4	
4	2,156.04	4	1,796.76	4	1,437.48	4	1,078.20	4	718.92	4	359.64	4	15.27	4	4	4		4	
1/4	2,148.56	1/4	1,789.28	1/4	1,430.00	1/4	1,070.72	1/4	711.44	1/4	352.16	1/4		1/4	1/4	1/4		1/4	
1/2	2,141.07	1/2	1,781.79	1/2	1,422.51	1/2	1,063.23	1/2	703.95	1/2	344.67	1/2		1/2	1/2	1/2		1/2	
3/4	2,133.59	3/4	1,774.31	3/4	1,415.03	3/4	1,055.75	3/4	696.47	3/4	337.19	3/4		3/4	3/4	3/4		3/4	
5	2,126.10	5	1,766.82	5	1,407.54	5	1,048.26	5	688.98	5	329.70	5		5	5	5		5	
1/4	2,118.62	1/4	1,759.34	1/4	1,400.06	1/4	1,040.78	1/4	681.50	1/4	322.22	1/4		1/4	1/4	1/4		1/4	
1/2	2,111.13	1/2	1,751.85	1/2	1,392.57	1/2	1,033.29	1/2	674.01	1/2	314.73	1/2		1/2	1/2	1/2		1/2	
3/4	2,103.65	3/4	1,744.37	3/4	1,385.09	3/4	1,025.81	3/4	666.53	3/4	307.25	3/4		3/4	3/4	3/4		3/4	
6	2,096.16	6	1,736.88	6	1,377.60	6	1,018.32	6	659.04	6	299.76	6		6	6	6		6	
1/4	2,088.68	1/4	1,729.40	1/4	1,370.12	1/4	1,010.84	1/4	651.56	1/4	292.28	1/4		1/4	1/4	1/4		1/4	
1/2	2,081.19	1/2	1,721.91	1/2	1,362.63	1/2	1,003.35	1/2	644.07	1/2	284.79	1/2		1/2	1/2	1/2		1/2	
3/4	2,073.71	3/4	1,714.43	3/4	1,355.15	3/4	995.87	3/4	636.59	3/4	277.31	3/4		3/4	3/4	3/4		3/4	
7	2,066.22	7	1,706.94	7	1,347.66	7	988.38	7	629.10	7	269.82	7		7	7	7		7	
1/4	2,058.74	1/4	1,699.46	1/4	1,340.18	1/4	980.90	1/4	621.62	1/4	262.34	1/4		1/4	1/4	1/4		1/4	
1/2	2,051.25	1/2	1,691.97	1/2	1,332.69	1/2	973.41	1/2	614.13	1/2	254.85	1/2		1/2	1/2	1/2		1/2	
3/4	2,043.77	3/4	1,684.49	3/4	1,325.21	3/4	965.93	3/4	606.65	3/4	247.37	3/4		3/4	3/4	3/4		3/4	
8	2,036.28	8	1,677.00	8	1,317.72	8	958.44	8	599.16	8	239.88	8		8	8	8		8	
1/4	2,028.80	1/4	1,669.52	1/4	1,310.24	1/4	950.96	1/4	591.68	1/4	232.40	1/4		1/4	1/4	1/4		1/4	
1/2	2,021.31	1/2	1,662.03	1/2	1,302.75	1/2	943.47	1/2	584.19	1/2	224.91	1/2		1/2	1/2	1/2		1/2	
3/4	2,013.83	3/4	1,654.55	3/4	1,295.27	3/4	935.99	3/4	576.71	3/4	217.43	3/4		3/4	3/4	3/4		3/4	
9	2,006.34	9	1,647.06	9	1,287.78	9	928.50	9	569.22	9	209.94	9		9	9	9		9	
1/4	1,998.86	1/4	1,639.58	1/4	1,280.30	1/4	921.02	1/4	561.74	1/4	202.46	1/4		1/4	1/4	1/4		1/4	
1/2	1,991.37	1/2	1,632.09	1/2	1,272.81	1/2	913.53	1/2	554.25	1/2	194.97	1/2		1/2	1/2	1/2		1/2	
3/4	1,983.89	3/4	1,624.61	3/4	1,265.33	3/4	906.05	3/4	546.77	3/4	187.49	3/4		3/4	3/4	3/4		3/4	
10	1,976.40	10	1,617.12	10	1,257.84	10	898.56	10	539.28	10	180.00	10		10	10	10		10	
1/4	1,968.92	1/4	1,609.64	1/4	1,250.36	1/4	891.08	1/4	531.80	1/4	172.52	1/4		1/4	1/4	1/4		1/4	
1/2	1,961.43	1/2	1,602.15	1/2	1,242.87	1/2	883.59	1/2	524.31	1/2	165.04	1/2		1/2	1/2	1/2		1/2	
3/4	1,953.95	3/4	1,594.67	3/4	1,235.39	3/4	876.11	3/4	516.83	3/4	157.56	3/4		3/4	3/4	3/4		3/4	
11	1,946.46	11	1,587.18	11	1,227.90	11	868.62	11	509.34	11	150.08	11		11	11	11		11	
1/4	1,938.98	1/4	1,579.70	1/4	1,220.42	1/4	861.14	1/4	501.86	1/4	142.59	1/4		1/4	1/4	1/4		1/4	
1/2	1,931.49	1/2	1,572.21	1/2	1,212.93	1/2	853.65	1/2	494.37	1/2	135.10	1/2		1/2	1/2	1/2		1/2	
3/4	1,924.01	3/4	1,564.73	3/4	1,205.45	3/4	846.17	3/4	486.89	3/4	127.61	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/20/2009 INS
RENAMED: 05/07/2024 CL
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 29141"

2 STBD ULLAGE TABLE

MMC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

GAUGE HEIGHT 16'-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	5,130.79	0	4,798.25	0	4,438.97	0	4,079.69	0	3,720.41	0	3,361.13	0	3,001.85	0	2,642.57
1/4		1/4		1/4	5,127.67	1/4	4,790.76	1/4	4,431.48	1/4	4,072.20	1/4	3,712.92	1/4	3,353.64	1/4	2,994.36	1/4	2,635.08
1/2		1/2		1/2	5,123.30	1/2	4,783.28	1/2	4,424.00	1/2	4,064.72	1/2	3,705.44	1/2	3,346.16	1/2	2,986.88	1/2	2,627.60
3/4		3/4		3/4	5,118.93	3/4	4,775.79	3/4	4,416.51	3/4	4,057.23	3/4	3,697.95	3/4	3,338.67	3/4	2,979.39	3/4	2,620.11
1		1		1	5,114.55	1	4,768.31	1	4,409.03	1	4,049.75	1	3,690.47	1	3,331.19	1	2,971.91	1	2,612.63
1/4		1/4		1/4	5,110.18	1/4	4,760.82	1/4	4,401.54	1/4	4,042.26	1/4	3,682.98	1/4	3,323.70	1/4	2,964.42	1/4	2,605.14
1/2		1/2		1/2	5,104.56	1/2	4,753.34	1/2	4,394.06	1/2	4,034.78	1/2	3,675.50	1/2	3,316.22	1/2	2,956.94	1/2	2,597.66
3/4		3/4		3/4	5,098.94	3/4	4,745.85	3/4	4,386.57	3/4	4,027.29	3/4	3,668.01	3/4	3,308.73	3/4	2,949.45	3/4	2,590.17
2		2		2	5,093.32	2	4,738.37	2	4,379.09	2	4,019.81	2	3,660.53	2	3,301.25	2	2,941.97	2	2,582.69
1/4		1/4		1/4	5,087.70	1/4	4,730.88	1/4	4,371.60	1/4	4,012.32	1/4	3,653.04	1/4	3,293.76	1/4	2,934.48	1/4	2,575.20
1/2		1/2		1/2	5,080.83	1/2	4,723.40	1/2	4,364.12	1/2	4,004.84	1/2	3,645.56	1/2	3,286.28	1/2	2,927.00	1/2	2,567.72
3/4		3/4		3/4	5,073.96	3/4	4,715.91	3/4	4,356.63	3/4	3,997.35	3/4	3,638.07	3/4	3,278.79	3/4	2,919.51	3/4	2,560.23
3		3		3	5,067.09	3	4,708.43	3	4,349.15	3	3,989.87	3	3,630.59	3	3,271.31	3	2,912.03	3	2,552.75
1/4		1/4		1/4	5,060.22	1/4	4,700.94	1/4	4,341.66	1/4	3,982.38	1/4	3,623.10	1/4	3,263.82	1/4	2,904.54	1/4	2,545.26
1/2		1/2		1/2	5,052.74	1/2	4,693.46	1/2	4,334.18	1/2	3,974.90	1/2	3,615.62	1/2	3,256.34	1/2	2,897.06	1/2	2,537.78
3/4		3/4		3/4	5,045.25	3/4	4,685.97	3/4	4,326.69	3/4	3,967.41	3/4	3,608.13	3/4	3,248.85	3/4	2,889.57	3/4	2,530.29
4		4		4	5,037.77	4	4,678.49	4	4,319.21	4	3,959.93	4	3,600.65	4	3,241.37	4	2,882.09	4	2,522.81
1/4		1/4		1/4	5,030.28	1/4	4,671.00	1/4	4,311.72	1/4	3,952.44	1/4	3,593.16	1/4	3,233.88	1/4	2,874.60	1/4	2,515.32
1/2		1/2		1/2	5,022.80	1/2	4,663.52	1/2	4,304.24	1/2	3,944.96	1/2	3,585.68	1/2	3,226.40	1/2	2,867.12	1/2	2,507.84
3/4		3/4		3/4	5,015.31	3/4	4,656.03	3/4	4,296.75	3/4	3,937.47	3/4	3,578.19	3/4	3,218.91	3/4	2,859.63	3/4	2,500.35
5		5		5	5,007.83	5	4,648.55	5	4,289.27	5	3,929.99	5	3,570.71	5	3,211.43	5	2,852.15	5	2,492.87
1/4		1/4		1/4	5,000.34	1/4	4,641.06	1/4	4,281.78	1/4	3,922.50	1/4	3,563.22	1/4	3,203.94	1/4	2,844.66	1/4	2,485.38
1/2		1/2		1/2	4,992.86	1/2	4,633.58	1/2	4,274.30	1/2	3,915.02	1/2	3,555.74	1/2	3,196.46	1/2	2,837.18	1/2	2,477.90
3/4		3/4		3/4	4,985.37	3/4	4,626.09	3/4	4,266.81	3/4	3,907.53	3/4	3,548.25	3/4	3,188.97	3/4	2,829.69	3/4	2,470.41
6		6		6	4,977.89	6	4,618.61	6	4,259.33	6	3,900.05	6	3,540.77	6	3,181.49	6	2,822.21	6	2,462.93
1/4		1/4		1/4	4,970.40	1/4	4,611.12	1/4	4,251.84	1/4	3,892.56	1/4	3,533.28	1/4	3,174.00	1/4	2,814.72	1/4	2,455.44
1/2		1/2		1/2	4,962.92	1/2	4,603.64	1/2	4,244.36	1/2	3,885.08	1/2	3,525.80	1/2	3,166.52	1/2	2,807.24	1/2	2,447.96
3/4		3/4		3/4	4,955.43	3/4	4,596.15	3/4	4,236.87	3/4	3,877.59	3/4	3,518.31	3/4	3,159.03	3/4	2,799.75	3/4	2,440.47
7		7		7	4,947.95	7	4,588.67	7	4,229.39	7	3,870.11	7	3,510.83	7	3,151.55	7	2,792.27	7	2,432.99
1/4		1/4		1/4	4,940.46	1/4	4,581.18	1/4	4,221.90	1/4	3,862.62	1/4	3,503.34	1/4	3,144.06	1/4	2,784.78	1/4	2,425.50
1/2		1/2		1/2	4,932.98	1/2	4,573.70	1/2	4,214.42	1/2	3,855.14	1/2	3,495.86	1/2	3,136.58	1/2	2,777.30	1/2	2,418.02
3/4		3/4		3/4	4,925.49	3/4	4,566.21	3/4	4,206.93	3/4	3,847.65	3/4	3,488.37	3/4	3,129.09	3/4	2,769.81	3/4	2,410.53
8		8		8	4,918.01	8	4,558.73	8	4,199.45	8	3,840.17	8	3,480.89	8	3,121.61	8	2,762.33	8	2,403.05
1/4		1/4		1/4	4,910.52	1/4	4,551.24	1/4	4,191.96	1/4	3,832.68	1/4	3,473.40	1/4	3,114.12	1/4	2,754.84	1/4	2,395.56
1/2		1/2		1/2	4,903.04	1/2	4,543.76	1/2	4,184.48	1/2	3,825.20	1/2	3,465.92	1/2	3,106.64	1/2	2,747.36	1/2	2,388.08
3/4		3/4		3/4	4,895.55	3/4	4,536.27	3/4	4,176.99	3/4	3,817.71	3/4	3,458.43	3/4	3,099.15	3/4	2,739.87	3/4	2,380.59
9		9		9	4,888.07	9	4,528.79	9	4,169.51	9	3,810.23	9	3,450.95	9	3,091.67	9	2,732.39	9	2,373.11
1/4		1/4		1/4	5,151.16	1/4	4,880.58	1/4	4,521.30	1/4	4,162.02	1/4	3,802.74	1/4	3,443.46	1/4	3,084.18	1/4	2,724.90
1/2		1/2		1/2	5,150.29	1/2	4,873.10	1/2	4,513.82	1/2	4,154.54	1/2	3,795.26	1/2	3,435.98	1/2	3,076.70	1/2	2,717.42
3/4		3/4		3/4	5,149.41	3/4	4,865.61	3/4	4,506.33	3/4	4,147.05	3/4	3,787.77	3/4	3,428.49	3/4	3,069.21	3/4	2,709.93
10		10		10	5,148.54	10	4,858.13	10	4,498.85	10	4,139.57	10	3,780.29	10	3,421.01	10	3,061.73	10	2,702.45
1/4		1/4		1/4	5,147.66	1/4	4,850.64	1/4	4,491.36	1/4	4,132.08	1/4	3,772.80	1/4	3,413.52	1/4	3,054.24	1/4	2,694.96
1/2		1/2		1/2	5,145.79	1/2	4,843.16	1/2	4,483.88	1/2	4,124.60	1/2	3,765.32	1/2	3,406.04	1/2	3,046.76	1/2	2,687.48
3/4		3/4		3/4	5,143.91	3/4	4,835.67	3/4	4,476.39	3/4	4,117.11	3/4	3,757.83	3/4	3,398.55	3/4	3,039.27	3/4	2,679.99
11		11		11	5,142.04	11	4,828.19	11	4,468.91	11	4,109.63	11	3,750.35	11	3,391.07	11	3,031.79	11	2,672.51
1/4		1/4		1/4	5,140.16	1/4	4,820.70	1/4	4,461.42	1/4	4,102.14	1/4	3,742.86	1/4	3,383.58	1/4	3,024.30	1/4	2,665.02
1/2		1/2		1/2	5,137.04	1/2	4,813.22	1/2	4,453.94	1/2	4,094.66	1/2	3,735.38	1/2	3,376.10	1/2	3,016.82	1/2	2,657.54
3/4		3/4		3/4	5,133.92	3/4	4,805.73	3/4	4,446.45	3/4	4,087.17	3/4	3,727.89	3/4	3,368.61	3/4	3,009.33	3/4	2,650.05

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 TO TOP OF "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29141"

2 STBD
ULLAGE TABLE
MMC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

GAUGE HEIGHT 16'-04 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	2,283.29	0	1,924.01	0	1,564.73	0	1,205.45	0	846.17	0	486.89	0	127.61	0		0		0	
1/4	2,275.80	1/4	1,916.52	1/4	1,557.24	1/4	1,197.96	1/4	838.68	1/4	479.40	1/4	120.12	1/4		1/4		1/4	
1/2	2,268.32	1/2	1,909.04	1/2	1,549.76	1/2	1,190.48	1/2	831.20	1/2	471.92	1/2	112.64	1/2		1/2		1/2	
3/4	2,260.83	3/4	1,901.55	3/4	1,542.27	3/4	1,182.99	3/4	823.71	3/4	464.43	3/4	105.15	3/4		3/4		3/4	
1	2,253.35	1	1,894.07	1	1,534.79	1	1,175.51	1	816.23	1	456.95	1	97.67	1		1		1	
1/4	2,245.86	1/4	1,886.58	1/4	1,527.30	1/4	1,168.02	1/4	808.74	1/4	449.46	1/4	90.18	1/4		1/4		1/4	
1/2	2,238.38	1/2	1,879.10	1/2	1,519.82	1/2	1,160.54	1/2	801.26	1/2	441.98	1/2	82.70	1/2		1/2		1/2	
3/4	2,230.89	3/4	1,871.61	3/4	1,512.33	3/4	1,153.05	3/4	793.77	3/4	434.49	3/4	75.21	3/4		3/4		3/4	
2	2,223.41	2	1,864.13	2	1,504.85	2	1,145.57	2	786.29	2	427.01	2	67.73	2		2		2	
1/4	2,215.92	1/4	1,856.64	1/4	1,497.36	1/4	1,138.08	1/4	778.80	1/4	419.52	1/4	60.24	1/4		1/4		1/4	
1/2	2,208.44	1/2	1,849.16	1/2	1,489.88	1/2	1,130.60	1/2	771.32	1/2	412.04	1/2	53.68	1/2		1/2		1/2	
3/4	2,200.95	3/4	1,841.67	3/4	1,482.39	3/4	1,123.11	3/4	763.83	3/4	404.55	3/4	47.13	3/4		3/4		3/4	
3	2,193.47	3	1,834.19	3	1,474.91	3	1,115.63	3	756.35	3	397.07	3	40.57	3		3		3	
1/4	2,185.98	1/4	1,826.70	1/4	1,467.42	1/4	1,108.14	1/4	748.86	1/4	389.58	1/4	34.01	1/4		1/4		1/4	
1/2	2,178.50	1/2	1,819.22	1/2	1,459.94	1/2	1,100.66	1/2	741.38	1/2	382.10	1/2	29.33	1/2		1/2		1/2	
3/4	2,171.01	3/4	1,811.73	3/4	1,452.45	3/4	1,093.17	3/4	733.89	3/4	374.61	3/4	24.64	3/4		3/4		3/4	
4	2,163.53	4	1,804.25	4	1,444.97	4	1,085.69	4	726.41	4	367.13	4	19.96	4		4		4	
1/4	2,156.04	1/4	1,796.76	1/4	1,437.48	1/4	1,078.20	1/4	718.92	1/4	359.64	1/4	15.27	1/4		1/4		1/4	
1/2	2,148.56	1/2	1,789.28	1/2	1,430.00	1/2	1,070.72	1/2	711.44	1/2	352.16	1/2		1/2		1/2		1/2	
3/4	2,141.07	3/4	1,781.79	3/4	1,422.51	3/4	1,063.23	3/4	703.95	3/4	344.67	3/4		3/4		3/4		3/4	
5	2,133.59	5	1,774.31	5	1,415.03	5	1,055.75	5	696.47	5	337.19	5		5		5		5	
1/4	2,126.10	1/4	1,766.82	1/4	1,407.54	1/4	1,048.26	1/4	688.98	1/4	329.70	1/4		1/4		1/4		1/4	
1/2	2,118.62	1/2	1,759.34	1/2	1,400.06	1/2	1,040.78	1/2	681.50	1/2	322.22	1/2		1/2		1/2		1/2	
3/4	2,111.13	3/4	1,751.85	3/4	1,392.57	3/4	1,033.29	3/4	674.01	3/4	314.73	3/4		3/4		3/4		3/4	
6	2,103.65	6	1,744.37	6	1,385.09	6	1,025.81	6	666.53	6	307.25	6		6		6		6	
1/4	2,096.16	1/4	1,736.88	1/4	1,377.60	1/4	1,018.32	1/4	659.04	1/4	299.76	1/4		1/4		1/4		1/4	
1/2	2,088.68	1/2	1,729.40	1/2	1,370.12	1/2	1,010.84	1/2	651.56	1/2	292.28	1/2		1/2		1/2		1/2	
3/4	2,081.19	3/4	1,721.91	3/4	1,362.63	3/4	1,003.35	3/4	644.07	3/4	284.79	3/4		3/4		3/4		3/4	
7	2,073.71	7	1,714.43	7	1,355.15	7	995.87	7	636.59	7	277.31	7		7		7		7	
1/4	2,066.22	1/4	1,706.94	1/4	1,347.66	1/4	988.38	1/4	629.10	1/4	269.82	1/4		1/4		1/4		1/4	
1/2	2,058.74	1/2	1,699.46	1/2	1,340.18	1/2	980.90	1/2	621.62	1/2	262.34	1/2		1/2		1/2		1/2	
3/4	2,051.25	3/4	1,691.97	3/4	1,332.69	3/4	973.41	3/4	614.13	3/4	254.85	3/4		3/4		3/4		3/4	
8	2,043.77	8	1,684.49	8	1,325.21	8	965.93	8	606.65	8	247.37	8		8		8		8	
1/4	2,036.28	1/4	1,677.00	1/4	1,317.72	1/4	958.44	1/4	599.16	1/4	239.88	1/4		1/4		1/4		1/4	
1/2	2,028.80	1/2	1,669.52	1/2	1,310.24	1/2	950.96	1/2	591.68	1/2	232.40	1/2		1/2		1/2		1/2	
3/4	2,021.31	3/4	1,662.03	3/4	1,302.75	3/4	943.47	3/4	584.19	3/4	224.91	3/4		3/4		3/4		3/4	
9	2,013.83	9	1,654.55	9	1,295.27	9	935.99	9	576.71	9	217.43	9		9		9		9	
1/4	2,006.34	1/4	1,647.06	1/4	1,287.78	1/4	928.50	1/4	569.22	1/4	209.94	1/4		1/4		1/4		1/4	
1/2	1,998.86	1/2	1,639.58	1/2	1,280.30	1/2	921.02	1/2	561.74	1/2	202.46	1/2		1/2		1/2		1/2	
3/4	1,991.37	3/4	1,632.09	3/4	1,272.81	3/4	913.53	3/4	554.25	3/4	194.97	3/4		3/4		3/4		3/4	
10	1,983.89	10	1,624.61	10	1,265.33	10	906.05	10	546.77	10	187.49	10		10		10		10	
1/4	1,976.40	1/4	1,617.12	1/4	1,257.84	1/4	898.56	1/4	539.28	1/4	180.00	1/4		1/4		1/4		1/4	
1/2	1,968.92	1/2	1,609.64	1/2	1,250.36	1/2	891.08	1/2	531.80	1/2	172.52	1/2		1/2		1/2		1/2	
3/4	1,961.43	3/4	1,602.15	3/4	1,242.87	3/4	883.59	3/4	524.31	3/4	165.04	3/4		3/4		3/4		3/4	
11	1,953.95	11	1,594.67	11	1,235.39	11	876.11	11	516.83	11	157.56	11		11		11		11	
1/4	1,946.46	1/4	1,587.18	1/4	1,227.90	1/4	868.62	1/4	509.34	1/4	150.08	1/4		1/4		1/4		1/4	
1/2	1,938.98	1/2	1,579.70	1/2	1,220.42	1/2	861.14	1/2	501.86	1/2	142.59	1/2		1/2		1/2		1/2	
3/4	1,931.49	3/4	1,572.21	3/4	1,212.93	3/4	853.65	3/4	494.37	3/4	135.10	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/20/2009 INS
RENAMED: 05/07/2024 CL
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 29141"

3 PORT ULLAGE TABLE

MMC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

GAUGE HEIGHT 16'-04 1/2"

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	4,706.38	0	4,460.10	0	4,189.90	0	3,919.72	0	3,645.85	0	3,351.59	0	2,994.13	0	2,636.67
1/4		1/4		1/4	4,704.10	1/4	4,454.47	1/4	4,184.27	1/4	3,914.09	1/4	3,640.11	1/4	3,344.15	1/4	2,986.69	1/4	2,629.23
1/2		1/2		1/2	4,701.82	1/2	4,448.84	1/2	4,178.64	1/2	3,908.46	1/2	3,634.37	1/2	3,336.70	1/2	2,979.24	1/2	2,621.78
3/4		3/4		3/4	4,698.58	3/4	4,443.21	3/4	4,173.01	3/4	3,902.83	3/4	3,628.63	3/4	3,329.25	3/4	2,971.79	3/4	2,614.33
1		1		1	4,695.34	1	4,437.58	1	4,167.39	1	3,897.20	1	3,622.90	1	3,321.81	1	2,964.34	1	2,606.89
1/4		1/4		1/4	4,692.10	1/4	4,431.95	1/4	4,161.76	1/4	3,891.57	1/4	3,617.16	1/4	3,314.36	1/4	2,956.90	1/4	2,599.44
1/2		1/2		1/2	4,688.86	1/2	4,426.32	1/2	4,156.13	1/2	3,885.94	1/2	3,611.42	1/2	3,306.91	1/2	2,949.45	1/2	2,592.00
3/4		3/4		3/4	4,684.67	3/4	4,420.69	3/4	4,150.50	3/4	3,880.31	3/4	3,605.69	3/4	3,299.46	3/4	2,942.00	3/4	2,584.55
2		2		2	4,680.47	2	4,415.06	2	4,144.87	2	3,874.68	2	3,599.95	2	3,292.02	2	2,934.55	2	2,577.10
1/4		1/4		1/4	4,676.28	1/4	4,409.43	1/4	4,139.24	1/4	3,869.05	1/4	3,594.22	1/4	3,284.57	1/4	2,927.11	1/4	2,569.66
1/2		1/2		1/2	4,672.08	1/2	4,403.80	1/2	4,133.61	1/2	3,863.42	1/2	3,588.48	1/2	3,277.12	1/2	2,919.66	1/2	2,562.21
3/4		3/4		3/4	4,666.93	3/4	4,398.17	3/4	4,127.98	3/4	3,857.79	3/4	3,582.74	3/4	3,269.67	3/4	2,912.21	3/4	2,554.76
3		3		3	4,661.78	3	4,392.55	3	4,122.36	3	3,852.16	3	3,577.01	3	3,262.23	3	2,904.77	3	2,547.31
1/4		1/4		1/4	4,656.63	1/4	4,386.92	1/4	4,116.73	1/4	3,846.53	1/4	3,571.27	1/4	3,254.78	1/4	2,897.32	1/4	2,539.87
1/2		1/2		1/2	4,651.48	1/2	4,381.29	1/2	4,111.10	1/2	3,840.90	1/2	3,565.53	1/2	3,247.33	1/2	2,889.88	1/2	2,532.42
3/4		3/4		3/4	4,645.85	3/4	4,375.66	3/4	4,105.47	3/4	3,835.17	3/4	3,559.78	3/4	3,239.88	3/4	2,882.43	3/4	2,524.97
4		4		4	4,640.22	4	4,370.03	4	4,099.84	4	3,829.43	4	3,554.02	4	3,232.44	4	2,874.98	4	2,517.52
1/4		1/4		1/4	4,634.59	1/4	4,364.40	1/4	4,094.21	1/4	3,823.70	1/4	3,548.27	1/4	3,224.99	1/4	2,867.54	1/4	2,510.08
1/2		1/2		1/2	4,628.96	1/2	4,358.77	1/2	4,088.58	1/2	3,817.96	1/2	3,542.51	1/2	3,217.54	1/2	2,860.09	1/2	2,502.63
3/4		3/4		3/4	4,623.33	3/4	4,353.14	3/4	4,082.95	3/4	3,812.22	3/4	3,536.70	3/4	3,210.10	3/4	2,852.64	3/4	2,495.18
5		5		5	4,617.71	5	4,347.52	5	4,077.32	5	3,806.49	5	3,530.89	5	3,202.65	5	2,845.19	5	2,487.73
1/4		1/4		1/4	4,612.08	1/4	4,341.89	1/4	4,071.69	1/4	3,800.75	1/4	3,525.08	1/4	3,195.20	1/4	2,837.75	1/4	2,480.29
1/2		1/2		1/2	4,606.45	1/2	4,336.26	1/2	4,066.06	1/2	3,795.01	1/2	3,519.27	1/2	3,187.76	1/2	2,830.30	1/2	2,472.84
3/4		3/4		3/4	4,600.82	3/4	4,330.63	3/4	4,060.43	3/4	3,789.27	3/4	3,513.39	3/4	3,180.31	3/4	2,822.85	3/4	2,465.39
6		6		6	4,595.19	6	4,325.00	6	4,054.81	6	3,783.54	6	3,507.51	6	3,172.86	6	2,815.40	6	2,457.95
1/4		1/4		1/4	4,589.56	1/4	4,319.37	1/4	4,049.18	1/4	3,777.80	1/4	3,501.63	1/4	3,165.42	1/4	2,807.96	1/4	2,450.50
1/2		1/2		1/2	4,583.93	1/2	4,313.74	1/2	4,043.55	1/2	3,772.06	1/2	3,495.75	1/2	3,157.97	1/2	2,800.51	1/2	2,443.06
3/4		3/4		3/4	4,578.30	3/4	4,308.11	3/4	4,037.92	3/4	3,766.32	3/4	3,489.80	3/4	3,150.52	3/4	2,793.06	3/4	2,435.61
7		7		7	4,572.68	7	4,302.48	7	4,032.29	7	3,760.59	7	3,483.84	7	3,143.07	7	2,785.61	7	2,428.16
1/4		1/4		1/4	4,567.05	1/4	4,296.85	1/4	4,026.66	1/4	3,754.85	1/4	3,477.89	1/4	3,135.63	1/4	2,778.17	1/4	2,420.72
1/2		1/2		1/2	4,561.42	1/2	4,291.22	1/2	4,021.03	1/2	3,749.11	1/2	3,471.93	1/2	3,128.18	1/2	2,770.72	1/2	2,413.27
3/4		3/4		3/4	4,555.79	3/4	4,285.59	3/4	4,015.40	3/4	3,743.37	3/4	3,465.91	3/4	3,120.73	3/4	2,763.27	3/4	2,405.82
8		8		8	4,550.16	8	4,279.97	8	4,009.78	8	3,737.64	8	3,459.88	8	3,113.28	8	2,755.83	8	2,398.37
1/4		1/4		1/4	4,544.53	1/4	4,274.34	1/4	4,004.15	1/4	3,731.90	1/4	3,453.86	1/4	3,105.84	1/4	2,748.38	1/4	2,390.93
1/2		1/2		1/2	4,538.90	1/2	4,268.71	1/2	3,998.52	1/2	3,726.16	1/2	3,447.83	1/2	3,098.39	1/2	2,740.94	1/2	2,383.48
3/4		3/4		3/4	4,533.27	3/4	4,263.08	3/4	3,992.89	3/4	3,720.43	3/4	3,441.73	3/4	3,090.94	3/4	2,733.49	3/4	2,376.03
9		9		9	4,527.64	9	4,257.45	9	3,987.26	9	3,714.69	9	3,435.63	9	3,083.49	9	2,726.04	9	2,368.58
1/4		1/4		1/4	4,522.01	1/4	4,251.82	1/4	3,981.63	1/4	3,708.96	1/4	3,429.53	1/4	3,076.05	1/4	2,718.60	1/4	2,361.14
1/2		1/2		1/2	4,717.73	1/2	4,516.38	1/2	4,246.19	1/2	3,976.00	1/2	3,703.22	1/2	3,423.43	1/2	3,068.60	1/2	2,711.15
3/4		3/4		3/4	4,717.36	3/4	4,510.75	3/4	4,240.56	3/4	3,970.37	3/4	3,697.48	3/4	3,416.64	3/4	3,061.15	3/4	2,703.70
10		10		10	4,716.99	10	4,505.13	10	4,234.94	10	3,964.74	10	3,691.75	10	3,409.85	10	3,053.71	10	2,696.25
1/4		1/4		1/4	4,716.62	1/4	4,499.50	1/4	4,229.31	1/4	3,959.11	1/4	3,686.01	1/4	3,403.06	1/4	3,046.26	1/4	2,688.81
1/2		1/2		1/2	4,716.25	1/2	4,493.87	1/2	4,223.68	1/2	3,953.48	1/2	3,680.27	1/2	3,396.27	1/2	3,038.82	1/2	2,681.36
3/4		3/4		3/4	4,714.92	3/4	4,488.24	3/4	4,218.05	3/4	3,947.85	3/4	3,674.53	3/4	3,388.82	3/4	3,031.37	3/4	2,673.91
11		11		11	4,713.60	11	4,482.61	11	4,212.42	11	3,942.23	11	3,668.80	11	3,381.38	11	3,023.92	11	2,666.46
1/4		1/4		1/4	4,712.27	1/4	4,476.98	1/4	4,206.79	1/4	3,936.60	1/4	3,663.06	1/4	3,373.93	1/4	3,016.48	1/4	2,659.02
1/2		1/2		1/2	4,710.94	1/2	4,471.35	1/2	4,201.16	1/2	3,930.97	1/2	3,657.32	1/2	3,366.48	1/2	3,009.03	1/2	2,651.57
3/4		3/4		3/4	4,708.66	3/4	4,465.72	3/4	4,195.53	3/4	3,925.34	3/4	3,651.58	3/4	3,359.04	3/4	3,001.58	3/4	2,644.12

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 TO TOP OF "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-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 29141"

3 PORT ULLAGE TABLE

MMC

GAUGE HEIGHT 16'-04 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

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	2,279.22	0	1,921.76	0	1,564.31	0	1,206.85	0	849.39	0	491.94	0	134.48	0		0		0	
1/4	2,271.78	1/4	1,914.32	1/4	1,556.86	1/4	1,199.41	1/4	841.95	1/4	484.50	1/4	127.04	1/4	1/4	1/4		1/4	
1/2	2,264.33	1/2	1,906.87	1/2	1,549.42	1/2	1,191.96	1/2	834.50	1/2	477.05	1/2	119.59	1/2	1/2	1/2		1/2	
3/4	2,256.88	3/4	1,899.42	3/4	1,541.97	3/4	1,184.51	3/4	827.05	3/4	469.60	3/4	112.14	3/4	3/4	3/4		3/4	
1	2,249.43	1	1,891.97	1	1,534.52	1	1,177.06	1	819.61	1	462.15	1	104.69	1	1	1		1	
1/4	2,241.99	1/4	1,884.53	1/4	1,527.08	1/4	1,169.62	1/4	812.16	1/4	454.71	1/4	97.25	1/4	1/4	1/4		1/4	
1/2	2,234.54	1/2	1,877.08	1/2	1,519.63	1/2	1,162.17	1/2	804.72	1/2	447.26	1/2	89.80	1/2	1/2	1/2		1/2	
3/4	2,227.09	3/4	1,869.63	3/4	1,512.18	3/4	1,154.72	3/4	797.27	3/4	439.81	3/4	82.35	3/4	3/4	3/4		3/4	
2	2,219.64	2	1,862.19	2	1,504.73	2	1,147.27	2	789.82	2	432.36	2	74.91	2	2	2		2	
1/4	2,212.20	1/4	1,854.74	1/4	1,497.29	1/4	1,139.83	1/4	782.38	1/4	424.92	1/4	67.46	1/4	1/4	1/4		1/4	
1/2	2,204.75	1/2	1,847.30	1/2	1,489.84	1/2	1,132.38	1/2	774.93	1/2	417.47	1/2	60.02	1/2	1/2	1/2		1/2	
3/4	2,197.30	3/4	1,839.85	3/4	1,482.39	3/4	1,124.93	3/4	767.48	3/4	410.02	3/4	53.48	3/4	3/4	3/4		3/4	
3	2,189.85	3	1,832.40	3	1,474.94	3	1,117.49	3	760.03	3	402.57	3	46.95	3	3	3		3	
1/4	2,182.41	1/4	1,824.96	1/4	1,467.50	1/4	1,110.04	1/4	752.59	1/4	395.13	1/4	40.41	1/4	1/4	1/4		1/4	
1/2	2,174.96	1/2	1,817.51	1/2	1,460.05	1/2	1,102.60	1/2	745.14	1/2	387.68	1/2	33.88	1/2	1/2	1/2		1/2	
3/4	2,167.51	3/4	1,810.06	3/4	1,452.60	3/4	1,095.15	3/4	737.69	3/4	380.23	3/4	29.21	3/4	3/4	3/4		3/4	
4	2,160.07	4	1,802.61	4	1,445.15	4	1,087.70	4	730.24	4	372.79	4	24.54	4	4	4		4	
1/4	2,152.62	1/4	1,795.17	1/4	1,437.71	1/4	1,080.26	1/4	722.80	1/4	365.34	1/4	19.88	1/4	1/4	1/4		1/4	
1/2	2,145.18	1/2	1,787.72	1/2	1,430.26	1/2	1,072.81	1/2	715.35	1/2	357.90	1/2	15.21	1/2	1/2	1/2		1/2	
3/4	2,137.73	3/4	1,780.27	3/4	1,422.81	3/4	1,065.36	3/4	707.90	3/4	350.45	3/4		3/4	3/4	3/4		3/4	
5	2,130.28	5	1,772.82	5	1,415.37	5	1,057.91	5	700.45	5	343.00	5		5	5	5		5	
1/4	2,122.84	1/4	1,765.38	1/4	1,407.92	1/4	1,050.47	1/4	693.01	1/4	335.56	1/4		1/4	1/4	1/4		1/4	
1/2	2,115.39	1/2	1,757.93	1/2	1,400.48	1/2	1,043.02	1/2	685.56	1/2	328.11	1/2		1/2	1/2	1/2		1/2	
3/4	2,107.94	3/4	1,750.48	3/4	1,393.03	3/4	1,035.57	3/4	678.11	3/4	320.66	3/4		3/4	3/4	3/4		3/4	
6	2,100.49	6	1,743.03	6	1,385.58	6	1,028.12	6	670.67	6	313.21	6		6	6	6		6	
1/4	2,093.05	1/4	1,735.59	1/4	1,378.14	1/4	1,020.68	1/4	663.22	1/4	305.77	1/4		1/4	1/4	1/4		1/4	
1/2	2,085.60	1/2	1,728.14	1/2	1,370.69	1/2	1,013.23	1/2	655.78	1/2	298.32	1/2		1/2	1/2	1/2		1/2	
3/4	2,078.15	3/4	1,720.69	3/4	1,363.24	3/4	1,005.78	3/4	648.33	3/4	290.87	3/4		3/4	3/4	3/4		3/4	
7	2,070.70	7	1,713.25	7	1,355.79	7	998.33	7	640.88	7	283.42	7		7	7	7		7	
1/4	2,063.26	1/4	1,705.80	1/4	1,348.35	1/4	990.89	1/4	633.44	1/4	275.98	1/4		1/4	1/4	1/4		1/4	
1/2	2,055.81	1/2	1,698.36	1/2	1,340.90	1/2	983.44	1/2	625.99	1/2	268.53	1/2		1/2	1/2	1/2		1/2	
3/4	2,048.36	3/4	1,690.91	3/4	1,333.45	3/4	975.99	3/4	618.54	3/4	261.08	3/4		3/4	3/4	3/4		3/4	
8	2,040.91	8	1,683.46	8	1,326.00	8	968.55	8	611.09	8	253.63	8		8	8	8		8	
1/4	2,033.47	1/4	1,676.02	1/4	1,318.56	1/4	961.10	1/4	603.65	1/4	246.19	1/4		1/4	1/4	1/4		1/4	
1/2	2,026.02	1/2	1,668.57	1/2	1,311.11	1/2	953.66	1/2	596.20	1/2	238.74	1/2		1/2	1/2	1/2		1/2	
3/4	2,018.57	3/4	1,661.12	3/4	1,303.66	3/4	946.21	3/4	588.75	3/4	231.29	3/4		3/4	3/4	3/4		3/4	
9	2,011.13	9	1,653.67	9	1,296.21	9	938.76	9	581.30	9	223.85	9		9	9	9		9	
1/4	2,003.68	1/4	1,646.23	1/4	1,288.77	1/4	931.32	1/4	573.86	1/4	216.40	1/4		1/4	1/4	1/4		1/4	
1/2	1,996.24	1/2	1,638.78	1/2	1,281.32	1/2	923.87	1/2	566.41	1/2	208.96	1/2		1/2	1/2	1/2		1/2	
3/4	1,988.79	3/4	1,631.33	3/4	1,273.87	3/4	916.42	3/4	558.96	3/4	201.51	3/4		3/4	3/4	3/4		3/4	
10	1,981.34	10	1,623.88	10	1,266.43	10	908.97	10	551.51	10	194.06	10		10	10	10		10	
1/4	1,973.90	1/4	1,616.44	1/4	1,258.98	1/4	901.53	1/4	544.07	1/4	186.62	1/4		1/4	1/4	1/4		1/4	
1/2	1,966.45	1/2	1,608.99	1/2	1,251.54	1/2	894.08	1/2	536.62	1/2	179.17	1/2		1/2	1/2	1/2		1/2	
3/4	1,959.00	3/4	1,601.54	3/4	1,244.09	3/4	886.63	3/4	529.17	3/4	171.72	3/4		3/4	3/4	3/4		3/4	
11	1,951.55	11	1,594.09	11	1,236.64	11	879.18	11	521.73	11	164.27	11		11	11	11		11	
1/4	1,944.11	1/4	1,586.65	1/4	1,229.20	1/4	871.74	1/4	514.28	1/4	156.83	1/4		1/4	1/4	1/4		1/4	
1/2	1,936.66	1/2	1,579.20	1/2	1,221.75	1/2	864.29	1/2	506.84	1/2	149.38	1/2		1/2	1/2	1/2		1/2	
3/4	1,929.21	3/4	1,571.75	3/4	1,214.30	3/4	856.84	3/4	499.39	3/4	141.93	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/20/2009 INS
RENAMED: 05/07/2024 CL
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 29141"

3 STBD ULLAGE TABLE

MMC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

GAUGE HEIGHT 16'-04 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	4,704.10	0	4,454.47	0	4,184.27	0	3,914.09	0	3,640.11	0	3,344.15	0	2,986.69	0	2,629.23
1/4		1/4		1/4	4,701.82	1/4	4,448.84	1/4	4,178.64	1/4	3,908.46	1/4	3,634.37	1/4	3,336.70	1/4	2,979.24	1/4	2,621.78
1/2		1/2		1/2	4,698.58	1/2	4,443.21	1/2	4,173.01	1/2	3,902.83	1/2	3,628.63	1/2	3,329.25	1/2	2,971.79	1/2	2,614.33
3/4		3/4		3/4	4,695.34	3/4	4,437.58	3/4	4,167.39	3/4	3,897.20	3/4	3,622.90	3/4	3,321.81	3/4	2,964.34	3/4	2,606.89
1		1		1	4,692.10	1	4,431.95	1	4,161.76	1	3,891.57	1	3,617.16	1	3,314.36	1	2,956.90	1	2,599.44
1/4		1/4		1/4	4,688.86	1/4	4,426.32	1/4	4,156.13	1/4	3,885.94	1/4	3,611.42	1/4	3,306.91	1/4	2,949.45	1/4	2,592.00
1/2		1/2		1/2	4,684.67	1/2	4,420.69	1/2	4,150.50	1/2	3,880.31	1/2	3,605.69	1/2	3,299.46	1/2	2,942.00	1/2	2,584.55
3/4		3/4		3/4	4,680.47	3/4	4,415.06	3/4	4,144.87	3/4	3,874.68	3/4	3,599.95	3/4	3,292.02	3/4	2,934.55	3/4	2,577.10
2		2		2	4,676.28	2	4,409.43	2	4,139.24	2	3,869.05	2	3,594.22	2	3,284.57	2	2,927.11	2	2,569.66
1/4		1/4		1/4	4,672.08	1/4	4,403.80	1/4	4,133.61	1/4	3,863.42	1/4	3,588.48	1/4	3,277.12	1/4	2,919.66	1/4	2,562.21
1/2		1/2		1/2	4,666.93	1/2	4,398.17	1/2	4,127.98	1/2	3,857.79	1/2	3,582.74	1/2	3,269.67	1/2	2,912.21	1/2	2,554.76
3/4		3/4		3/4	4,661.78	3/4	4,392.55	3/4	4,122.36	3/4	3,852.16	3/4	3,577.01	3/4	3,262.23	3/4	2,904.77	3/4	2,547.31
3		3		3	4,656.63	3	4,386.92	3	4,116.73	3	3,846.53	3	3,571.27	3	3,254.78	3	2,897.32	3	2,539.87
1/4		1/4		1/4	4,651.48	1/4	4,381.29	1/4	4,111.10	1/4	3,840.90	1/4	3,565.53	1/4	3,247.33	1/4	2,889.88	1/4	2,532.42
1/2		1/2		1/2	4,645.85	1/2	4,375.66	1/2	4,105.47	1/2	3,835.17	1/2	3,559.78	1/2	3,239.88	1/2	2,882.43	1/2	2,524.97
3/4		3/4		3/4	4,640.22	3/4	4,370.03	3/4	4,099.84	3/4	3,829.43	3/4	3,554.02	3/4	3,232.44	3/4	2,874.98	3/4	2,517.52
4		4		4	4,634.59	4	4,364.40	4	4,094.21	4	3,823.70	4	3,548.27	4	3,224.99	4	2,867.54	4	2,510.08
1/4		1/4		1/4	4,628.96	1/4	4,358.77	1/4	4,088.58	1/4	3,817.96	1/4	3,542.51	1/4	3,217.54	1/4	2,860.09	1/4	2,502.63
1/2		1/2		1/2	4,623.33	1/2	4,353.14	1/2	4,082.95	1/2	3,812.22	1/2	3,536.70	1/2	3,210.10	1/2	2,852.64	1/2	2,495.18
3/4		3/4		3/4	4,617.71	3/4	4,347.52	3/4	4,077.32	3/4	3,806.49	3/4	3,530.89	3/4	3,202.65	3/4	2,845.19	3/4	2,487.73
5		5		5	4,612.08	5	4,341.89	5	4,071.69	5	3,800.75	5	3,525.08	5	3,195.20	5	2,837.75	5	2,480.29
1/4		1/4		1/4	4,606.45	1/4	4,336.26	1/4	4,066.06	1/4	3,795.01	1/4	3,519.27	1/4	3,187.76	1/4	2,830.30	1/4	2,472.84
1/2		1/2		1/2	4,600.82	1/2	4,330.63	1/2	4,060.43	1/2	3,789.27	1/2	3,513.39	1/2	3,180.31	1/2	2,822.85	1/2	2,465.39
3/4		3/4		3/4	4,595.19	3/4	4,325.00	3/4	4,054.81	3/4	3,783.54	3/4	3,507.51	3/4	3,172.86	3/4	2,815.40	3/4	2,457.95
6		6		6	4,589.56	6	4,319.37	6	4,049.18	6	3,777.80	6	3,501.63	6	3,165.42	6	2,807.96	6	2,450.50
1/4		1/4		1/4	4,583.93	1/4	4,313.74	1/4	4,043.55	1/4	3,772.06	1/4	3,495.75	1/4	3,157.97	1/4	2,800.51	1/4	2,443.06
1/2		1/2		1/2	4,578.30	1/2	4,308.11	1/2	4,037.92	1/2	3,766.32	1/2	3,489.80	1/2	3,150.52	1/2	2,793.06	1/2	2,435.61
3/4		3/4		3/4	4,572.68	3/4	4,302.48	3/4	4,032.29	3/4	3,760.59	3/4	3,483.84	3/4	3,143.07	3/4	2,785.61	3/4	2,428.16
7		7		7	4,567.05	7	4,296.85	7	4,026.66	7	3,754.85	7	3,477.89	7	3,135.63	7	2,778.17	7	2,420.72
1/4		1/4		1/4	4,561.42	1/4	4,291.22	1/4	4,021.03	1/4	3,749.11	1/4	3,471.93	1/4	3,128.18	1/4	2,770.72	1/4	2,413.27
1/2		1/2		1/2	4,555.79	1/2	4,285.59	1/2	4,015.40	1/2	3,743.37	1/2	3,465.91	1/2	3,120.73	1/2	2,763.27	1/2	2,405.82
3/4		3/4		3/4	4,550.16	3/4	4,279.97	3/4	4,009.78	3/4	3,737.64	3/4	3,459.88	3/4	3,113.28	3/4	2,755.83	3/4	2,398.37
8		8		8	4,544.53	8	4,274.34	8	4,004.15	8	3,731.90	8	3,453.86	8	3,105.84	8	2,748.38	8	2,390.93
1/4		1/4		1/4	4,538.90	1/4	4,268.71	1/4	3,998.52	1/4	3,726.16	1/4	3,447.83	1/4	3,098.39	1/4	2,740.94	1/4	2,383.48
1/2		1/2		1/2	4,533.27	1/2	4,263.08	1/2	3,992.89	1/2	3,720.43	1/2	3,441.73	1/2	3,090.94	1/2	2,733.49	1/2	2,376.03
3/4		3/4		3/4	4,527.64	3/4	4,257.45	3/4	3,987.26	3/4	3,714.69	3/4	3,435.63	3/4	3,083.49	3/4	2,726.04	3/4	2,368.58
9		9		9	4,522.01	9	4,251.82	9	3,981.63	9	3,708.96	9	3,429.53	9	3,076.05	9	2,718.60	9	2,361.14
1/4		1/4	4,717.73	1/4	4,516.38	1/4	4,246.19	1/4	3,976.00	1/4	3,703.22	1/4	3,423.43	1/4	3,068.60	1/4	2,711.15	1/4	2,353.69
1/2		1/2	4,717.36	1/2	4,510.75	1/2	4,240.56	1/2	3,970.37	1/2	3,697.48	1/2	3,416.64	1/2	3,061.15	1/2	2,703.70	1/2	2,346.24
3/4		3/4	4,716.99	3/4	4,505.13	3/4	4,234.94	3/4	3,964.74	3/4	3,691.75	3/4	3,409.85	3/4	3,053.71	3/4	2,696.25	3/4	2,338.79
10		10	4,716.62	10	4,499.50	10	4,229.31	10	3,959.11	10	3,686.01	10	3,403.06	10	3,046.26	10	2,688.81	10	2,331.35
1/4		1/4	4,716.25	1/4	4,493.87	1/4	4,223.68	1/4	3,953.48	1/4	3,680.27	1/4	3,396.27	1/4	3,038.82	1/4	2,681.36	1/4	2,323.90
1/2		1/2	4,714.92	1/2	4,488.24	1/2	4,218.05	1/2	3,947.85	1/2	3,674.53	1/2	3,388.82	1/2	3,031.37	1/2	2,673.91	1/2	2,316.45
3/4		3/4	4,713.60	3/4	4,482.61	3/4	4,212.42	3/4	3,942.23	3/4	3,668.80	3/4	3,381.38	3/4	3,023.92	3/4	2,666.46	3/4	2,309.01
11		11	4,712.27	11	4,476.98	11	4,206.79	11	3,936.60	11	3,663.06	11	3,373.93	11	3,016.48	11	2,659.02	11	2,301.56
1/4		1/4	4,710.94	1/4	4,471.35	1/4	4,201.16	1/4	3,930.97	1/4	3,657.32	1/4	3,366.48	1/4	3,009.03	1/4	2,651.57	1/4	2,294.12
1/2		1/2	4,708.66	1/2	4,465.72	1/2	4,195.53	1/2	3,925.34	1/2	3,651.58	1/2	3,359.04	1/2	3,001.58	1/2	2,644.12	1/2	2,286.67
3/4		3/4	4,706.38	3/4	4,460.10	3/4	4,189.90	3/4	3,919.72	3/4	3,645.85	3/4	3,351.59	3/4	2,994.13	3/4	2,636.67	3/4	2,279.22

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 TO TOP OF "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-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 29141"

3 STBD ULLAGE TABLE

MMC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30012"

GAUGE HEIGHT 16'-04 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	2,271.78	0	1,914.32	0	1,556.86	0	1,199.41	0	841.95	0	484.50	0	127.04	0		0		0	
1/4	2,264.33	1/4	1,906.87	1/4	1,549.42	1/4	1,191.96	1/4	834.50	1/4	477.05	1/4	119.59	1/4	1/4	1/4		1/4	
1/2	2,256.88	1/2	1,899.42	1/2	1,541.97	1/2	1,184.51	1/2	827.05	1/2	469.60	1/2	112.14	1/2	1/2	1/2		1/2	
3/4	2,249.43	3/4	1,891.97	3/4	1,534.52	3/4	1,177.06	3/4	819.61	3/4	462.15	3/4	104.69	3/4	3/4	3/4		3/4	
1	2,241.99	1	1,884.53	1	1,527.08	1	1,169.62	1	812.16	1	454.71	1	97.25	1	1	1		1	
1/4	2,234.54	1/4	1,877.08	1/4	1,519.63	1/4	1,162.17	1/4	804.72	1/4	447.26	1/4	89.80	1/4	1/4	1/4		1/4	
1/2	2,227.09	1/2	1,869.63	1/2	1,512.18	1/2	1,154.72	1/2	797.27	1/2	439.81	1/2	82.35	1/2	1/2	1/2		1/2	
3/4	2,219.64	3/4	1,862.19	3/4	1,504.73	3/4	1,147.27	3/4	789.82	3/4	432.36	3/4	74.91	3/4	3/4	3/4		3/4	
2	2,212.20	2	1,854.74	2	1,497.29	2	1,139.83	2	782.38	2	424.92	2	67.46	2	2	2		2	
1/4	2,204.75	1/4	1,847.30	1/4	1,489.84	1/4	1,132.38	1/4	774.93	1/4	417.47	1/4	60.02	1/4	1/4	1/4		1/4	
1/2	2,197.30	1/2	1,839.85	1/2	1,482.39	1/2	1,124.93	1/2	767.48	1/2	410.02	1/2	53.48	1/2	1/2	1/2		1/2	
3/4	2,189.85	3/4	1,832.40	3/4	1,474.94	3/4	1,117.49	3/4	760.03	3/4	402.57	3/4	46.95	3/4	3/4	3/4		3/4	
3	2,182.41	3	1,824.96	3	1,467.50	3	1,110.04	3	752.59	3	395.13	3	40.41	3	3	3		3	
1/4	2,174.96	1/4	1,817.51	1/4	1,460.05	1/4	1,102.60	1/4	745.14	1/4	387.68	1/4	33.88	1/4	1/4	1/4		1/4	
1/2	2,167.51	1/2	1,810.06	1/2	1,452.60	1/2	1,095.15	1/2	737.69	1/2	380.23	1/2	29.21	1/2	1/2	1/2		1/2	
3/4	2,160.07	3/4	1,802.61	3/4	1,445.15	3/4	1,087.70	3/4	730.24	3/4	372.79	3/4	24.54	3/4	3/4	3/4		3/4	
4	2,152.62	4	1,795.17	4	1,437.71	4	1,080.26	4	722.80	4	365.34	4	19.88	4	4	4		4	
1/4	2,145.18	1/4	1,787.72	1/4	1,430.26	1/4	1,072.81	1/4	715.35	1/4	357.90	1/4	15.21	1/4	1/4	1/4		1/4	
1/2	2,137.73	1/2	1,780.27	1/2	1,422.81	1/2	1,065.36	1/2	707.90	1/2	350.45	1/2		1/2	1/2	1/2		1/2	
3/4	2,130.28	3/4	1,772.82	3/4	1,415.37	3/4	1,057.91	3/4	700.45	3/4	343.00	3/4		3/4	3/4	3/4		3/4	
5	2,122.84	5	1,765.38	5	1,407.92	5	1,050.47	5	693.01	5	335.56	5		5	5	5		5	
1/4	2,115.39	1/4	1,757.93	1/4	1,400.48	1/4	1,043.02	1/4	685.56	1/4	328.11	1/4		1/4	1/4	1/4		1/4	
1/2	2,107.94	1/2	1,750.48	1/2	1,393.03	1/2	1,035.57	1/2	678.11	1/2	320.66	1/2		1/2	1/2	1/2		1/2	
3/4	2,100.49	3/4	1,743.03	3/4	1,385.58	3/4	1,028.12	3/4	670.67	3/4	313.21	3/4		3/4	3/4	3/4		3/4	
6	2,093.05	6	1,735.59	6	1,378.14	6	1,020.68	6	663.22	6	305.77	6		6	6	6		6	
1/4	2,085.60	1/4	1,728.14	1/4	1,370.69	1/4	1,013.23	1/4	655.78	1/4	298.32	1/4		1/4	1/4	1/4		1/4	
1/2	2,078.15	1/2	1,720.69	1/2	1,363.24	1/2	1,005.78	1/2	648.33	1/2	290.87	1/2		1/2	1/2	1/2		1/2	
3/4	2,070.70	3/4	1,713.25	3/4	1,355.79	3/4	998.33	3/4	640.88	3/4	283.42	3/4		3/4	3/4	3/4		3/4	
7	2,063.26	7	1,705.80	7	1,348.35	7	990.89	7	633.44	7	275.98	7		7	7	7		7	
1/4	2,055.81	1/4	1,698.36	1/4	1,340.90	1/4	983.44	1/4	625.99	1/4	268.53	1/4		1/4	1/4	1/4		1/4	
1/2	2,048.36	1/2	1,690.91	1/2	1,333.45	1/2	975.99	1/2	618.54	1/2	261.08	1/2		1/2	1/2	1/2		1/2	
3/4	2,040.91	3/4	1,683.46	3/4	1,326.00	3/4	968.55	3/4	611.09	3/4	253.63	3/4		3/4	3/4	3/4		3/4	
8	2,033.47	8	1,676.02	8	1,318.56	8	961.10	8	603.65	8	246.19	8		8	8	8		8	
1/4	2,026.02	1/4	1,668.57	1/4	1,311.11	1/4	953.66	1/4	596.20	1/4	238.74	1/4		1/4	1/4	1/4		1/4	
1/2	2,018.57	1/2	1,661.12	1/2	1,303.66	1/2	946.21	1/2	588.75	1/2	231.29	1/2		1/2	1/2	1/2		1/2	
3/4	2,011.13	3/4	1,653.67	3/4	1,296.21	3/4	938.76	3/4	581.30	3/4	223.85	3/4		3/4	3/4	3/4		3/4	
9	2,003.68	9	1,646.23	9	1,288.77	9	931.32	9	573.86	9	216.40	9		9	9	9		9	
1/4	1,996.24	1/4	1,638.78	1/4	1,281.32	1/4	923.87	1/4	566.41	1/4	208.96	1/4		1/4	1/4	1/4		1/4	
1/2	1,988.79	1/2	1,631.33	1/2	1,273.87	1/2	916.42	1/2	558.96	1/2	201.51	1/2		1/2	1/2	1/2		1/2	
3/4	1,981.34	3/4	1,623.88	3/4	1,266.43	3/4	908.97	3/4	551.51	3/4	194.06	3/4		3/4	3/4	3/4		3/4	
10	1,973.90	10	1,616.44	10	1,258.98	10	901.53	10	544.07	10	186.62	10		10	10	10		10	
1/4	1,966.45	1/4	1,608.99	1/4	1,251.54	1/4	894.08	1/4	536.62	1/4	179.17	1/4		1/4	1/4	1/4		1/4	
1/2	1,959.00	1/2	1,601.54	1/2	1,244.09	1/2	886.63	1/2	529.17	1/2	171.72	1/2		1/2	1/2	1/2		1/2	
3/4	1,951.55	3/4	1,594.09	3/4	1,236.64	3/4	879.18	3/4	521.73	3/4	164.27	3/4		3/4	3/4	3/4		3/4	
11	1,944.11	11	1,586.65	11	1,229.20	11	871.74	11	514.28	11	156.83	11		11	11	11		11	
1/4	1,936.66	1/4	1,579.20	1/4	1,221.75	1/4	864.29	1/4	506.84	1/4	149.38	1/4		1/4	1/4	1/4		1/4	
1/2	1,929.21	1/2	1,571.75	1/2	1,214.30	1/2	856.84	1/2	499.39	1/2	141.93	1/2		1/2	1/2	1/2		1/2	
3/4	1,921.76	3/4	1,564.31	3/4	1,206.85	3/4	849.39	3/4	491.94	3/4	134.48	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/20/2009 INS
RENAMED: 05/07/2024 CL
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 29141"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMI 30012"

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	207	0	488	0	784	0	1,052	0		0	6 FT.	0	7 FT.	0	8 FT.	0	9 FT.
1/4	3	1/4	213	1/4	494	1/4	790	1/4	1,057	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	5	1/2	218	1/2	501	1/2	796	1/2	1,061	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	8	3/4	224	3/4	507	3/4	802	3/4	1,066	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
1	10	1	229	1	513	1	808	1	1,071	1		1	6 FT.	1	7 FT.	1	8 FT.	1	9 FT.
1/4	13	1/4	235	1/4	519	1/4	813	1/4	1,076	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	17	1/2	240	1/2	525	1/2	819	1/2	1,081	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	20	3/4	246	3/4	531	3/4	825	3/4	1,085	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
2	23	2	251	2	538	2	831	2	1,090	2		2	6 FT.	2	7 FT.	2	8 FT.	2	9 FT.
1/4	27	1/4	257	1/4	544	1/4	837	1/4	1,094	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	30	1/2	262	1/2	550	1/2	843	1/2	1,099	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	34	3/4	268	3/4	556	3/4	849	3/4	1,103	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
3	37	3	274	3	562	3	855	3	1,108	3		3	6 FT.	3	7 FT.	3	8 FT.	3	9 FT.
1/4	41	1/4	279	1/4	568	1/4	861	1/4	1,112	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	45	1/2	285	1/2	575	1/2	867	1/2	1,117	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	49	3/4	291	3/4	581	3/4	872	3/4	1,121	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
4	53	4	297	4	587	4	878	4	1,125	4		4	6 FT.	4	7 FT.	4	8 FT.	4	9 FT.
1/4	57	1/4	302	1/4	593	1/4	884	1/4	1,129	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	61	1/2	308	1/2	599	1/2	890	1/2	1,133	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	66	3/4	314	3/4	606	3/4	896	3/4	1,137	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
5	70	5	320	5	612	5	901	5	1,141	5		5	6 FT.	5	7 FT.	5	8 FT.	5	9 FT.
1/4	74	1/4	326	1/4	618	1/4	907	1/4	1,145	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	79	1/2	332	1/2	624	1/2	913	1/2	1,149	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	83	3/4	337	3/4	630	3/4	918	3/4	1,153	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
6	87	6	343	6	637	6	924	6	1,156	6		6	6 FT.	6	7 FT.	6	8 FT.	6	9 FT.
1/4	92	1/4	349	1/4	643	1/4	930	1/4	1,160	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	97	1/2	355	1/2	649	1/2	935	1/2	1,163	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	101	3/4	361	3/4	655	3/4	941	3/4	1,167	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
7	106	7	367	7	661	7	946	7	1,170	7		7	6 FT.	7	7 FT.	7	8 FT.	7	9 FT.
1/4	111	1/4	373	1/4	667	1/4	952	1/4	1,173	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	115	1/2	379	1/2	674	1/2	957	1/2	1,176	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	120	3/4	385	3/4	680	3/4	963	3/4	1,179	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
8	125	8	391	8	686	8	968	8	1,182	8		8	6 FT.	8	7 FT.	8	8 FT.	8	9 FT.
1/4	130	1/4	397	1/4	692	1/4	974	1/4	1,184	1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	135	1/2	403	1/2	698	1/2	979	1/2	1,186	1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	140	3/4	409	3/4	704	3/4	985	3/4	1,188	3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
9	145	9	415	9	711	9	990	9		9		9	6 FT.	9	7 FT.	9	8 FT.	9	9 FT.
1/4	150	1/4	421	1/4	717	1/4	995	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	155	1/2	427	1/2	723	1/2	1,000	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	160	3/4	433	3/4	729	3/4	1,006	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
10	165	10	439	10	735	10	1,011	10		10		10	6 FT.	10	7 FT.	10	8 FT.	10	9 FT.
1/4	170	1/4	445	1/4	741	1/4	1,016	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	175	1/2	451	1/2	747	1/2	1,021	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	181	3/4	458	3/4	753	3/4	1,026	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.
11	186	11	464	11	759	11	1,032	11		11		11	6 FT.	11	7 FT.	11	8 FT.	11	9 FT.
1/4	191	1/4	470	1/4	765	1/4	1,037	1/4		1/4		1/4	6 FT.	1/4	7 FT.	1/4	8 FT.	1/4	9 FT.
1/2	197	1/2	476	1/2	771	1/2	1,042	1/2		1/2		1/2	6 FT.	1/2	7 FT.	1/2	8 FT.	1/2	9 FT.
3/4	202	3/4	482	3/4	777	3/4	1,047	3/4		3/4		3/4	6 FT.	3/4	7 FT.	3/4	8 FT.	3/4	9 FT.

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: 05/06/2024 CL
CALCULATED: 05/07/2024 CL
VERIFIED: 05/07/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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