



BARGE "KIRBY 30035"

ULLAGE (MMC)
FORMERLY "SMS 30034"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
1 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
2 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8
3 PORT	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-7/8	- 01-7/8	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-5/8	- 03-5/8
3 STBD	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-7/8	- 01-7/8	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-5/8	- 03-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 268'-03"

April 12, 2022

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

<http://www.pmacorp.net>



BARGE "KIRBY 30035"

1 PORT ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30034"

GAUGE HEIGHT 15'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	5,486.06	0	5,072.83	0	4,658.41	0	4,243.95	0	3,829.48	0	3,415.01	0	3,000.35	0	2,585.70		
1/4	1/4	5,865.98	1/4	5,477.49	1/4	5,064.21	1/4	4,649.77	1/4	4,235.31	1/4	3,820.85	1/4	3,406.37	1/4	2,991.71	1/4	2,577.06			
1/2	1/2	5,860.80	1/2	5,468.92	1/2	5,055.58	1/2	4,641.14	1/2	4,226.68	1/2	3,812.22	1/2	3,397.73	1/2	2,983.08	1/2	2,568.42			
3/4	3/4	5,855.61	3/4	5,460.35	3/4	5,046.96	3/4	4,632.50	3/4	4,218.04	3/4	3,803.58	3/4	3,389.09	3/4	2,974.44	3/4	2,559.78			
1		5,849.50	1	5,451.75	1	5,038.32	1	4,623.87	1	4,209.41	1	3,794.95	1	3,380.45	1	2,965.80	1	2,551.15			
1/4	1/4	5,843.40	1/4	5,443.15	1/4	5,029.69	1/4	4,615.23	1/4	4,200.77	1/4	3,786.31	1/4	3,371.81	1/4	2,957.16	1/4	2,542.51			
1/2	1/2	5,837.29	1/2	5,434.56	1/2	5,021.06	1/2	4,606.60	1/2	4,192.14	1/2	3,777.68	1/2	3,363.17	1/2	2,948.52	1/2	2,533.87			
3/4	3/4	5,831.18	3/4	5,425.96	3/4	5,012.42	3/4	4,597.96	3/4	4,183.50	3/4	3,769.04	3/4	3,354.54	3/4	2,939.88	3/4	2,525.23			
2		5,823.83	2	5,417.35	2	5,003.79	2	4,589.33	2	4,174.87	2	3,760.41	2	3,345.90	2	2,931.24	2	2,516.59			
1/4	1/4	5,816.49	1/4	5,408.74	1/4	4,995.16	1/4	4,580.69	1/4	4,166.23	1/4	3,751.77	1/4	3,337.26	1/4	2,922.61	1/4	2,507.95			
1/2	1/2	5,809.15	1/2	5,400.13	1/2	4,986.52	1/2	4,572.06	1/2	4,157.60	1/2	3,743.14	1/2	3,328.62	1/2	2,913.97	1/2	2,499.31			
3/4	3/4	5,801.80	3/4	5,391.52	3/4	4,977.89	3/4	4,563.43	3/4	4,148.96	3/4	3,734.50	3/4	3,319.98	3/4	2,905.33	3/4	2,490.68			
3		5,793.57	3	5,382.91	3	4,969.25	3	4,554.79	3	4,140.33	3	3,725.87	3	3,311.34	3	2,896.69	3	2,482.04			
1/4	1/4	5,785.34	1/4	5,374.30	1/4	4,960.62	1/4	4,546.16	1/4	4,131.70	1/4	3,717.23	1/4	3,302.70	1/4	2,888.05	1/4	2,473.40			
1/2	1/2	5,777.11	1/2	5,365.68	1/2	4,951.98	1/2	4,537.52	1/2	4,123.06	1/2	3,708.60	1/2	3,294.07	1/2	2,879.41	1/2	2,464.76			
3/4	3/4	5,768.88	3/4	5,357.07	3/4	4,943.35	3/4	4,528.89	3/4	4,114.43	3/4	3,699.97	3/4	3,285.43	3/4	2,870.77	3/4	2,456.12			
4		5,760.34	4	5,348.46	4	4,934.71	4	4,520.25	4	4,105.79	4	3,691.33	4	3,276.79	4	2,862.14	4	2,447.48			
1/4	1/4	5,751.80	1/4	5,339.85	1/4	4,926.08	1/4	4,511.62	1/4	4,097.16	1/4	3,682.70	1/4	3,268.15	1/4	2,853.50	1/4	2,438.84			
1/2	1/2	5,743.26	1/2	5,331.23	1/2	4,917.44	1/2	4,502.98	1/2	4,088.52	1/2	3,674.06	1/2	3,259.51	1/2	2,844.86	1/2	2,430.21			
3/4	3/4	5,734.73	3/4	5,322.62	3/4	4,908.81	3/4	4,494.35	3/4	4,079.89	3/4	3,665.43	3/4	3,250.87	3/4	2,836.22	3/4	2,421.57			
5		5,726.15	5	5,314.01	5	4,900.17	5	4,485.71	5	4,071.25	5	3,656.79	5	3,242.23	5	2,827.58	5	2,412.93			
1/4	1/4	5,717.57	1/4	5,305.39	1/4	4,891.54	1/4	4,477.08	1/4	4,062.62	1/4	3,648.16	1/4	3,233.60	1/4	2,818.94	1/4	2,404.29			
1/2	1/2	5,708.99	1/2	5,296.78	1/2	4,882.91	1/2	4,468.44	1/2	4,053.98	1/2	3,639.52	1/2	3,224.96	1/2	2,810.30	1/2	2,395.65			
3/4	3/4	5,700.42	3/4	5,288.17	3/4	4,874.27	3/4	4,459.81	3/4	4,045.35	3/4	3,630.89	3/4	3,216.32	3/4	2,801.67	3/4	2,387.01			
6		5,691.84	6	5,279.55	6	4,865.64	6	4,451.18	6	4,036.71	6	3,622.25	6	3,207.68	6	2,793.03	6	2,378.37			
1/4	1/4	5,683.26	1/4	5,270.94	1/4	4,857.00	1/4	4,442.54	1/4	4,028.08	1/4	3,613.62	1/4	3,199.04	1/4	2,784.39	1/4	2,369.74			
1/2	1/2	5,674.69	1/2	5,262.33	1/2	4,848.37	1/2	4,433.91	1/2	4,019.45	1/2	3,604.98	1/2	3,190.40	1/2	2,775.75	1/2	2,361.10			
3/4	3/4	5,666.11	3/4	5,253.72	3/4	4,839.73	3/4	4,425.27	3/4	4,010.81	3/4	3,596.35	3/4	3,181.76	3/4	2,767.11	3/4	2,352.46			
7		5,657.53	7	5,245.10	7	4,831.10	7	4,416.64	7	4,002.18	7	3,587.72	7	3,173.12	7	2,758.47	7	2,343.82			
1/4	1/4	5,648.96	1/4	5,236.49	1/4	4,822.46	1/4	4,408.00	1/4	3,993.54	1/4	3,579.08	1/4	3,164.49	1/4	2,749.83	1/4	2,335.18			
1/2	1/2	5,640.38	1/2	5,227.88	1/2	4,813.83	1/2	4,399.37	1/2	3,984.91	1/2	3,570.45	1/2	3,155.85	1/2	2,741.19	1/2	2,326.54			
3/4	3/4	5,631.81	3/4	5,219.26	3/4	4,805.19	3/4	4,390.73	3/4	3,976.27	3/4	3,561.81	3/4	3,147.21	3/4	2,732.56	3/4	2,317.90			
8		5,623.24	8	5,210.65	8	4,796.56	8	4,382.10	8	3,967.64	8	3,553.18	8	3,138.57	8	2,723.92	8	2,309.26			
1/4	1/4	5,614.66	1/4	5,202.04	1/4	4,787.93	1/4	4,373.46	1/4	3,959.00	1/4	3,544.54	1/4	3,129.93	1/4	2,715.28	1/4	2,300.63			
1/2	1/2	5,606.09	1/2	5,193.43	1/2	4,779.29	1/2	4,364.83	1/2	3,950.37	1/2	3,535.91	1/2	3,121.29	1/2	2,706.64	1/2	2,291.99			
3/4	3/4	5,597.51	3/4	5,184.81	3/4	4,770.66	3/4	4,356.20	3/4	3,941.73	3/4	3,527.27	3/4	3,112.65	3/4	2,698.00	3/4	2,283.35			
9		5,588.94	9	5,176.20	9	4,762.02	9	4,347.56	9	3,933.10	9	3,518.64	9	3,104.02	9	2,689.36	9	2,274.71			
1/4	1/4	5,580.37	1/4	5,167.59	1/4	4,753.39	1/4	4,338.93	1/4	3,924.47	1/4	3,510.00	1/4	3,095.38	1/4	2,680.72	1/4	2,266.07			
1/2	1/2	5,571.80	1/2	5,158.97	1/2	4,744.75	1/2	4,330.29	1/2	3,915.83	1/2	3,501.37	1/2	3,086.74	1/2	2,672.09	1/2	2,257.43			
3/4	3/4	5,563.22	3/4	5,150.36	3/4	4,736.12	3/4	4,321.66	3/4	3,907.20	3/4	3,492.74	3/4	3,078.10	3/4	2,663.45	3/4	2,248.79			
10		5,554.65	10	5,141.75	10	4,727.48	10	4,313.02	10	3,898.56	10	3,484.10	10	3,069.46	10	2,654.81	10	2,240.16			
1/4	1/4	5,546.08	1/4	5,133.14	1/4	4,718.85	1/4	4,304.39	1/4	3,889.93	1/4	3,475.47	1/4	3,060.82	1/4	2,646.17	1/4	2,231.52			
1/2	1/2	5,537.50	1/2	5,124.52	1/2	4,710.21	1/2	4,295.75	1/2	3,881.29	1/2	3,466.83	1/2	3,052.18	1/2	2,637.53	1/2	2,222.88			
3/4	3/4	5,528.93	3/4	5,115.91	3/4	4,701.58	3/4	4,287.12	3/4	3,872.66	3/4	3,458.20	3/4	3,043.55	3/4	2,628.89	3/4	2,214.24			
11		5,520.36	11	5,107.30	11	4,692.94	11	4,278.48	11	3,864.02	11	3,449.56	11	3,034.91	11	2,620.25	11	2,205.60			
1/4	1/4	5,511.78	1/4	5,098.68	1/4	4,684.31	1/4	4,269.85	1/4	3,855.39	1/4	3,440.92	1/4	3,026.27	1/4	2,611.62	1/4	2,196.96			
1/2	1/2	5,503.21	1/2	5,090.07	1/2	4,675.68	1/2	4,261.21	1/2	3,846.75	1/2	3,432.29	1/2	3,017.63	1/2	2,602.98	1/2	2,188.32			
3/4	3/4	5,494.64	3/4	5,081.46	3/4	4,667.04	3/4	4,252.58	3/4	3,838.12	3/4	3,423.65	3/4	3,008.99	3/4	2,594.34	3/4	2,179.69			

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 "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
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BARGE "KIRBY 30035"

1 PORT ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMI 30034"

GAUGE HEIGHT 15'-02 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,171.05	0	1,756.39	0	1,341.84	0	929.30	0	521.19	0	112.31	0		0		0		0	
1/4	2,162.41	1/4	1,747.76	1/4	1,333.23	1/4	920.66	1/4	512.55	1/4	103.84	1/4		1/4		1/4		1/4	
1/2	2,153.77	1/2	1,739.12	1/2	1,324.61	1/2	912.02	1/2	503.92	1/2	95.37	1/2		1/2		1/2		1/2	
3/4	2,145.13	3/4	1,730.48	3/4	1,316.00	3/4	903.39	3/4	495.28	3/4	86.90	3/4		3/4		3/4		3/4	
1	2,136.49	1	1,721.84	1	1,307.40	1	894.75	1	486.64	1	78.93	1		1		1		1	
1/4	2,127.85	1/4	1,713.20	1/4	1,298.80	1/4	886.11	1/4	478.00	1/4	70.96	1/4		1/4		1/4		1/4	
1/2	2,119.22	1/2	1,704.56	1/2	1,290.20	1/2	877.47	1/2	469.36	1/2	62.98	1/2		1/2		1/2		1/2	
3/4	2,110.58	3/4	1,695.92	3/4	1,281.60	3/4	868.84	3/4	460.72	3/4	55.01	3/4		3/4		3/4		3/4	
2	2,101.94	2	1,687.29	2	1,273.00	2	860.20	2	452.09	2	48.61	2		2		2		2	
1/4	2,093.30	1/4	1,678.65	1/4	1,264.41	1/4	851.56	1/4	443.45	1/4	42.20	1/4		1/4		1/4		1/4	
1/2	2,084.66	1/2	1,670.01	1/2	1,255.81	1/2	842.92	1/2	434.81	1/2	35.80	1/2		1/2		1/2		1/2	
3/4	2,076.02	3/4	1,661.37	3/4	1,247.22	3/4	834.28	3/4	426.17	3/4	29.39	3/4		3/4		3/4		3/4	
3	2,067.38	3	1,652.73	3	1,238.62	3	825.77	3	417.53	3		3		3		3		3	
1/4	2,058.75	1/4	1,644.09	1/4	1,230.03	1/4	817.27	1/4	408.89	1/4		1/4		1/4		1/4		1/4	
1/2	2,050.11	1/2	1,635.45	1/2	1,221.44	1/2	808.76	1/2	400.25	1/2		1/2		1/2		1/2		1/2	
3/4	2,041.47	3/4	1,626.82	3/4	1,212.85	3/4	800.25	3/4	391.62	3/4		3/4		3/4		3/4		3/4	
4	2,032.83	4	1,618.18	4	1,204.26	4	791.83	4	382.98	4		4		4		4		4	
1/4	2,024.19	1/4	1,609.54	1/4	1,195.68	1/4	783.41	1/4	374.34	1/4		1/4		1/4		1/4		1/4	
1/2	2,015.55	1/2	1,600.90	1/2	1,187.09	1/2	774.99	1/2	365.70	1/2		1/2		1/2		1/2		1/2	
3/4	2,006.91	3/4	1,592.26	3/4	1,178.50	3/4	766.57	3/4	357.06	3/4		3/4		3/4		3/4		3/4	
5	1,998.28	5	1,583.62	5	1,169.91	5	758.17	5	348.49	5		5		5		5		5	
1/4	1,989.64	1/4	1,574.98	1/4	1,161.32	1/4	749.76	1/4	339.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,981.00	1/2	1,566.35	1/2	1,152.74	1/2	741.36	1/2	331.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,972.36	3/4	1,557.71	3/4	1,144.15	3/4	732.95	3/4	322.77	3/4		3/4		3/4		3/4		3/4	
6	1,963.72	6	1,549.07	6	1,135.56	6	724.55	6	314.31	6		6		6		6		6	
1/4	1,955.08	1/4	1,540.43	1/4	1,126.97	1/4	716.14	1/4	305.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,946.44	1/2	1,531.79	1/2	1,118.39	1/2	707.74	1/2	297.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,937.81	3/4	1,523.15	3/4	1,109.80	3/4	699.33	3/4	288.92	3/4		3/4		3/4		3/4		3/4	
7	1,929.17	7	1,514.51	7	1,101.21	7	690.93	7	280.51	7		7		7		7		7	
1/4	1,920.53	1/4	1,505.88	1/4	1,092.62	1/4	682.52	1/4	272.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,911.89	1/2	1,497.24	1/2	1,084.04	1/2	674.12	1/2	263.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,903.25	3/4	1,488.60	3/4	1,075.45	3/4	665.71	3/4	255.27	3/4		3/4		3/4		3/4		3/4	
8	1,894.61	8	1,479.96	8	1,066.86	8	657.31	8	246.86	8		8		8		8		8	
1/4	1,885.97	1/4	1,471.32	1/4	1,058.27	1/4	648.90	1/4	238.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,877.33	1/2	1,462.68	1/2	1,049.68	1/2	640.50	1/2	230.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,868.70	3/4	1,454.04	3/4	1,041.10	3/4	632.09	3/4	221.65	3/4		3/4		3/4		3/4		3/4	
9	1,860.06	9	1,445.40	9	1,032.51	9	623.69	9	213.24	9		9		9		9		9	
1/4	1,851.42	1/4	1,436.77	1/4	1,023.92	1/4	615.28	1/4	204.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,842.78	1/2	1,428.13	1/2	1,015.33	1/2	606.88	1/2	196.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,834.14	3/4	1,419.49	3/4	1,006.75	3/4	598.47	3/4	188.03	3/4		3/4		3/4		3/4		3/4	
10	1,825.50	10	1,410.85	10	998.16	10	589.94	10	179.62	10		10		10		10		10	
1/4	1,816.86	1/4	1,402.21	1/4	989.57	1/4	581.40	1/4	171.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,808.23	1/2	1,393.57	1/2	980.98	1/2	572.86	1/2	162.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,799.59	3/4	1,384.93	3/4	972.40	3/4	564.33	3/4	154.41	3/4		3/4		3/4		3/4		3/4	
11	1,790.95	11	1,376.31	11	963.78	11	555.70	11	146.00	11		11		11		11		11	
1/4	1,782.31	1/4	1,367.69	1/4	955.16	1/4	547.08	1/4	137.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,773.67	1/2	1,359.07	1/2	946.55	1/2	538.45	1/2	129.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,765.03	3/4	1,350.45	3/4	937.93	3/4	529.83	3/4	120.79	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2012 CL - SW
 RECALCULATED: 04/12/2022 PMA
 NAME CHANGE: 04/12/2022 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 04/2022

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



BARGE "KIRBY 30035"

1 STBD ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 15'-03"

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	5,498.54	0	5,085.19	0	4,670.60	0	4,255.98	0	3,841.35	0	3,426.71	0	3,011.88	0	2,597.06		
1/4	1/4			1/4	5,489.96	1/4	5,076.56	1/4	4,661.97	1/4	4,247.34	1/4	3,832.71	1/4	3,418.07	1/4	3,003.24	1/4	2,588.42		
1/2	1/2	5,870.03		1/2	5,481.38	1/2	5,067.93	1/2	4,653.33	1/2	4,238.70	1/2	3,824.07	1/2	3,409.42	1/2	2,994.60	1/2	2,579.78		
3/4	3/4	5,864.84		3/4	5,472.81	3/4	5,059.30	3/4	4,644.69	3/4	4,230.06	3/4	3,815.43	3/4	3,400.78	3/4	2,985.96	3/4	2,571.14		
1		1	5,859.66	1	5,464.23	1	5,050.68	1	4,636.05	1	4,221.42	1	3,806.79	1	3,392.14	1	2,977.31	1	2,562.49		
1/4	1/4			1/4	5,853.55	1/4	5,455.63	1/4	5,042.04	1/4	4,627.41	1/4	4,212.79	1/4	3,798.16	1/4	3,383.49	1/4	2,968.67	1/4	2,553.85
1/2	1/2	5,847.44		1/2	5,447.03	1/2	5,033.40	1/2	4,618.78	1/2	4,204.15	1/2	3,789.52	1/2	3,374.85	1/2	2,960.03	1/2	2,545.21		
3/4	3/4	5,841.32		3/4	5,438.43	3/4	5,024.77	3/4	4,610.14	3/4	4,195.51	3/4	3,780.88	3/4	3,366.21	3/4	2,951.39	3/4	2,536.57		
2		2	5,835.21	2	5,429.83	2	5,016.13	2	4,601.50	2	4,186.87	2	3,772.24	2	3,357.57	2	2,942.75	2	2,527.93		
1/4	1/4			1/4	5,827.87	1/4	5,421.22	1/4	5,007.49	1/4	4,592.86	1/4	4,178.23	1/4	3,763.60	1/4	3,348.93	1/4	2,934.10	1/4	2,519.28
1/2	1/2	5,820.52		1/2	5,412.61	1/2	4,998.85	1/2	4,584.22	1/2	4,169.59	1/2	3,754.97	1/2	3,340.28	1/2	2,925.46	1/2	2,510.64		
3/4	3/4	5,813.17		3/4	5,403.99	3/4	4,990.21	3/4	4,575.59	3/4	4,160.96	3/4	3,746.33	3/4	3,331.64	3/4	2,916.82	3/4	2,502.00		
3		3	5,805.83	3	5,395.38	3	4,981.58	3	4,566.95	3	4,152.32	3	3,737.69	3	3,323.00	3	2,908.18	3	2,493.36		
1/4	1/4			1/4	5,797.59	1/4	5,386.76	1/4	4,972.94	1/4	4,558.31	1/4	4,143.68	1/4	3,729.05	1/4	3,314.36	1/4	2,899.54	1/4	2,484.72
1/2	1/2	5,789.36		1/2	5,378.15	1/2	4,964.30	1/2	4,549.67	1/2	4,135.04	1/2	3,720.41	1/2	3,305.71	1/2	2,890.89	1/2	2,476.07		
3/4	3/4	5,781.13		3/4	5,369.53	3/4	4,955.66	3/4	4,541.03	3/4	4,126.40	3/4	3,711.78	3/4	3,297.07	3/4	2,882.25	3/4	2,467.43		
4		4	5,772.89	4	5,360.91	4	4,947.02	4	4,532.39	4	4,117.77	4	3,703.14	4	3,288.43	4	2,873.61	4	2,458.79		
1/4	1/4			1/4	5,764.35	1/4	5,352.30	1/4	4,938.39	1/4	4,523.76	1/4	4,109.13	1/4	3,694.50	1/4	3,279.79	1/4	2,864.97	1/4	2,450.15
1/2	1/2	5,755.81		1/2	5,343.68	1/2	4,929.75	1/2	4,515.12	1/2	4,100.49	1/2	3,685.86	1/2	3,271.15	1/2	2,856.33	1/2	2,441.50		
3/4	3/4	5,747.27		3/4	5,335.07	3/4	4,921.11	3/4	4,506.48	3/4	4,091.85	3/4	3,677.22	3/4	3,262.50	3/4	2,847.68	3/4	2,432.86		
5		5	5,738.72	5	5,326.45	5	4,912.47	5	4,497.84	5	4,083.21	5	3,668.58	5	3,253.86	5	2,839.04	5	2,424.22		
1/4	1/4			1/4	5,730.14	1/4	5,317.83	1/4	4,903.83	1/4	4,489.20	1/4	4,074.58	1/4	3,659.95	1/4	3,245.22	1/4	2,830.40	1/4	2,415.58
1/2	1/2	5,721.56		1/2	5,309.22	1/2	4,895.19	1/2	4,480.57	1/2	4,065.94	1/2	3,651.31	1/2	3,236.58	1/2	2,821.76	1/2	2,406.94		
3/4	3/4	5,712.98		3/4	5,300.60	3/4	4,886.56	3/4	4,471.93	3/4	4,057.30	3/4	3,642.67	3/4	3,227.94	3/4	2,813.11	3/4	2,398.29		
6		6	5,704.40	6	5,291.98	6	4,877.92	6	4,463.29	6	4,048.66	6	3,634.03	6	3,219.29	6	2,804.47	6	2,389.65		
1/4	1/4			1/4	5,695.82	1/4	5,283.37	1/4	4,869.28	1/4	4,454.65	1/4	4,040.02	1/4	3,625.39	1/4	3,210.65	1/4	2,795.83	1/4	2,381.01
1/2	1/2	5,687.24		1/2	5,274.75	1/2	4,860.64	1/2	4,446.01	1/2	4,031.38	1/2	3,616.76	1/2	3,202.01	1/2	2,787.19	1/2	2,372.37		
3/4	3/4	5,678.66		3/4	5,266.13	3/4	4,852.00	3/4	4,437.38	3/4	4,022.75	3/4	3,608.12	3/4	3,193.37	3/4	2,778.55	3/4	2,363.73		
7		7	5,670.08	7	5,257.52	7	4,843.37	7	4,428.74	7	4,014.11	7	3,599.48	7	3,184.73	7	2,769.90	7	2,355.08		
1/4	1/4			1/4	5,661.50	1/4	5,248.90	1/4	4,834.73	1/4	4,420.10	1/4	4,005.47	1/4	3,590.84	1/4	3,176.08	1/4	2,761.26	1/4	2,346.44
1/2	1/2	5,652.92		1/2	5,240.29	1/2	4,826.09	1/2	4,411.46	1/2	3,996.83	1/2	3,582.20	1/2	3,167.44	1/2	2,752.62	1/2	2,337.80		
3/4	3/4	5,644.34		3/4	5,231.67	3/4	4,817.45	3/4	4,402.82	3/4	3,988.19	3/4	3,573.57	3/4	3,158.80	3/4	2,743.98	3/4	2,329.16		
8		8	5,635.76	8	5,223.05	8	4,808.81	8	4,394.19	8	3,979.56	8	3,564.93	8	3,150.16	8	2,735.34	8	2,320.52		
1/4	1/4			1/4	5,627.19	1/4	5,214.44	1/4	4,800.18	1/4	4,385.55	1/4	3,970.92	1/4	3,556.29	1/4	3,141.51	1/4	2,726.69	1/4	2,311.87
1/2	1/2	5,618.61		1/2	5,205.82	1/2	4,791.54	1/2	4,376.91	1/2	3,962.28	1/2	3,547.65	1/2	3,132.87	1/2	2,718.05	1/2	2,303.23		
3/4	3/4	5,610.03		3/4	5,197.20	3/4	4,782.90	3/4	4,368.27	3/4	3,953.64	3/4	3,539.01	3/4	3,124.23	3/4	2,709.41	3/4	2,294.59		
9		9	5,601.46	9	5,188.59	9	4,774.26	9	4,359.63	9	3,945.00	9	3,530.38	9	3,115.59	9	2,700.77	9	2,285.95		
1/4	1/4			1/4	5,592.88	1/4	5,179.97	1/4	4,765.62	1/4	4,350.99	1/4	3,936.37	1/4	3,521.74	1/4	3,106.95	1/4	2,692.13	1/4	2,277.30
1/2	1/2	5,584.30		1/2	5,171.35	1/2	4,756.99	1/2	4,342.36	1/2	3,927.73	1/2	3,513.10	1/2	3,098.30	1/2	2,683.48	1/2	2,268.66		
3/4	3/4	5,575.73		3/4	5,162.74	3/4	4,748.35	3/4	4,333.72	3/4	3,919.09	3/4	3,504.46	3/4	3,089.66	3/4	2,674.84	3/4	2,260.02		
10		10	5,567.15	10	5,154.12	10	4,739.71	10	4,325.08	10	3,910.45	10	3,495.82	10	3,081.02	10	2,666.20	10	2,251.38		
1/4	1/4			1/4	5,558.57	1/4	5,145.50	1/4	4,731.07	1/4	4,316.44	1/4	3,901.81	1/4	3,487.18	1/4	3,072.38	1/4	2,657.56	1/4	2,242.74
1/2	1/2	5,550.00		1/2	5,136.89	1/2	4,722.43	1/2	4,307.80	1/2	3,893.18	1/2	3,478.55	1/2	3,063.74	1/2	2,648.91	1/2	2,234.09		
3/4	3/4	5,541.42		3/4	5,128.27	3/4	4,713.79	3/4	4,299.17	3/4	3,884.54	3/4	3,469.91	3/4	3,055.09	3/4	2,640.27	3/4	2,225.45		
11		11	5,532.84	11	5,119.66	11	4,705.16	11	4,290.53	11	3,875.90	11	3,461.27	11	3,046.45	11	2,631.63	11	2,216.81		
1/4	1/4			1/4	5,524.27	1/4	5,111.04	1/4	4,696.52	1/4	4,281.89	1/4	3,867.26	1/4	3,452.63	1/4	3,037.81	1/4	2,622.99	1/4	2,208.17
1/2	1/2	5,515.69		1/2	5,102.42	1/2	4,687.88	1/2	4,273.25	1/2	3,858.62	1/2	3,443.99	1/2	3,029.17	1/2	2,614.35	1/2	2,199.53		
3/4	3/4	5,507.11		3/4	5,093.81	3/4	4,679.24	3/4	4,264.61	3/4	3,849.98	3/4	3,435.35	3/4	3,020.53	3/4	2,605.70	3/4	2,190.88		

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 "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 30035"

1 STBD ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,182.24	0	1,767.42	0	1,352.60	0	938.27	0	530.05	0	120.83	0		0		0		0	
1/4	2,173.60	1/4	1,758.78	1/4	1,343.96	1/4	929.63	1/4	521.41	1/4	112.36	1/4		1/4		1/4		1/4	
1/2	2,164.96	1/2	1,750.14	1/2	1,335.32	1/2	920.99	1/2	512.77	1/2	103.89	1/2		1/2		1/2		1/2	
3/4	2,156.32	3/4	1,741.49	3/4	1,326.67	3/4	912.35	3/4	504.13	3/4	95.41	3/4		3/4		3/4		3/4	
1	2,147.67	1	1,732.85	1	1,318.03	1	903.71	1	495.48	1	86.94	1		1		1		1	
1/4	2,139.03	1/4	1,724.21	1/4	1,309.39	1/4	895.07	1/4	486.84	1/4	78.96	1/4		1/4		1/4		1/4	
1/2	2,130.39	1/2	1,715.57	1/2	1,300.75	1/2	886.42	1/2	478.20	1/2	70.98	1/2		1/2		1/2		1/2	
3/4	2,121.75	3/4	1,706.93	3/4	1,292.12	3/4	877.78	3/4	469.56	3/4	63.01	3/4		3/4		3/4		3/4	
2	2,113.10	2	1,698.28	2	1,283.48	2	869.14	2	460.92	2	55.03	2		2		2		2	
1/4	2,104.46	1/4	1,689.64	1/4	1,274.84	1/4	860.50	1/4	452.27	1/4	48.63	1/4		1/4		1/4		1/4	
1/2	2,095.82	1/2	1,681.00	1/2	1,266.21	1/2	851.86	1/2	443.63	1/2	42.22	1/2		1/2		1/2		1/2	
3/4	2,087.18	3/4	1,672.36	3/4	1,257.57	3/4	843.21	3/4	434.99	3/4	35.81	3/4		3/4		3/4		3/4	
3	2,078.54	3	1,663.72	3	1,248.93	3	834.57	3	426.35	3	29.40	3		3		3		3	
1/4	2,069.89	1/4	1,655.07	1/4	1,240.30	1/4	826.06	1/4	417.71	1/4		1/4		1/4		1/4		1/4	
1/2	2,061.25	1/2	1,646.43	1/2	1,231.67	1/2	817.55	1/2	409.06	1/2		1/2		1/2		1/2		1/2	
3/4	2,052.61	3/4	1,637.79	3/4	1,223.04	3/4	809.04	3/4	400.42	3/4		3/4		3/4		3/4		3/4	
4	2,043.97	4	1,629.15	4	1,214.41	4	800.53	4	391.78	4		4		4		4		4	
1/4	2,035.33	1/4	1,620.51	1/4	1,205.78	1/4	792.11	1/4	383.14	1/4		1/4		1/4		1/4		1/4	
1/2	2,026.68	1/2	1,611.86	1/2	1,197.15	1/2	783.68	1/2	374.50	1/2		1/2		1/2		1/2		1/2	
3/4	2,018.04	3/4	1,603.22	3/4	1,188.52	3/4	775.26	3/4	365.85	3/4		3/4		3/4		3/4		3/4	
5	2,009.40	5	1,594.58	5	1,179.89	5	766.84	5	357.21	5		5		5		5		5	
1/4	2,000.76	1/4	1,585.94	1/4	1,171.26	1/4	758.43	1/4	348.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,992.12	1/2	1,577.29	1/2	1,162.64	1/2	750.02	1/2	340.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,983.47	3/4	1,568.65	3/4	1,154.01	3/4	741.61	3/4	331.48	3/4		3/4		3/4		3/4		3/4	
6	1,974.83	6	1,560.01	6	1,145.38	6	733.20	6	322.91	6		6		6		6		6	
1/4	1,966.19	1/4	1,551.37	1/4	1,136.75	1/4	724.80	1/4	314.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,957.55	1/2	1,542.73	1/2	1,128.12	1/2	716.39	1/2	305.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,948.90	3/4	1,534.08	3/4	1,119.49	3/4	707.99	3/4	297.51	3/4		3/4		3/4		3/4		3/4	
7	1,940.26	7	1,525.44	7	1,110.87	7	699.58	7	289.04	7		7		7		7		7	
1/4	1,931.62	1/4	1,516.80	1/4	1,102.24	1/4	691.18	1/4	280.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,922.98	1/2	1,508.16	1/2	1,093.61	1/2	682.78	1/2	272.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,914.34	3/4	1,499.52	3/4	1,084.98	3/4	674.38	3/4	263.79	3/4		3/4		3/4		3/4		3/4	
8	1,905.69	8	1,490.87	8	1,076.35	8	665.98	8	255.37	8		8		8		8		8	
1/4	1,897.05	1/4	1,482.23	1/4	1,067.73	1/4	657.57	1/4	246.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,888.41	1/2	1,473.59	1/2	1,059.10	1/2	649.17	1/2	238.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,879.77	3/4	1,464.95	3/4	1,050.47	3/4	640.76	3/4	230.15	3/4		3/4		3/4		3/4		3/4	
9	1,871.13	9	1,456.31	9	1,041.84	9	632.36	9	221.74	9		9		9		9		9	
1/4	1,862.48	1/4	1,447.66	1/4	1,033.21	1/4	623.95	1/4	213.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,853.84	1/2	1,439.02	1/2	1,024.58	1/2	615.54	1/2	204.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,845.20	3/4	1,430.38	3/4	1,015.96	3/4	607.13	3/4	196.51	3/4		3/4		3/4		3/4		3/4	
10	1,836.56	10	1,421.74	10	1,007.33	10	598.72	10	188.10	10		10		10		10		10	
1/4	1,827.92	1/4	1,413.09	1/4	998.70	1/4	590.18	1/4	179.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,819.27	1/2	1,404.45	1/2	990.07	1/2	581.64	1/2	171.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,810.63	3/4	1,395.81	3/4	981.44	3/4	573.10	3/4	162.88	3/4		3/4		3/4		3/4		3/4	
11	1,801.99	11	1,387.17	11	972.82	11	564.56	11	154.47	11		11		11		11		11	
1/4	1,793.35	1/4	1,378.53	1/4	964.18	1/4	555.94	1/4	146.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,784.70	1/2	1,369.88	1/2	955.54	1/2	547.31	1/2	137.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,776.06	3/4	1,361.24	3/4	946.91	3/4	538.68	3/4	129.24	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2012 CL - SW
RECALCULATED: 04/12/2022 PMA
NAME CHANGE: 04/12/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2022

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



BARGE "KIRBY 30035"

2 PORT ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 15'-02 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	5,067.22	0	4,727.93	0	4,369.82	0	4,010.59	0	3,651.36	0	3,292.12	0	2,932.86	0	2,573.43	0	2,214.00	
1/4	1/4	5,062.73	1/4	4,720.51	1/4	4,362.34	1/4	4,003.11	1/4	3,643.87	1/4	3,284.64	1/4	2,925.37	1/4	2,565.94	1/4	2,206.51	
1/2	1/2	5,057.44	1/2	4,713.06	1/2	4,354.86	1/2	3,995.63	1/2	3,636.39	1/2	3,277.15	1/2	2,917.88	1/2	2,558.45	1/2	2,199.02	
3/4	3/4	5,052.16	3/4	4,705.62	3/4	4,347.38	3/4	3,988.14	3/4	3,628.91	3/4	3,269.67	3/4	2,910.39	3/4	2,550.97	3/4	2,191.54	
1	1	5,046.87	1	4,698.17	1	4,339.89	1	3,980.66	1	3,621.42	1	3,262.18	1	2,902.91	1	2,543.48	1	2,184.05	
1/4	1/4	5,041.58	1/4	4,690.73	1/4	4,332.41	1/4	3,973.17	1/4	3,613.94	1/4	3,254.70	1/4	2,895.42	1/4	2,535.99	1/4	2,176.56	
1/2	1/2	5,035.22	1/2	4,683.27	1/2	4,324.93	1/2	3,965.69	1/2	3,606.45	1/2	3,247.22	1/2	2,887.93	1/2	2,528.50	1/2	2,169.07	
3/4	3/4	5,028.87	3/4	4,675.81	3/4	4,317.44	3/4	3,958.21	3/4	3,598.97	3/4	3,239.73	3/4	2,880.44	3/4	2,521.01	3/4	2,161.58	
2	2	5,022.51	2	4,668.35	2	4,309.96	2	3,950.72	2	3,591.49	2	3,232.25	2	2,872.95	2	2,513.52	2	2,154.10	
1/4	1/4	5,016.15	1/4	4,660.89	1/4	4,302.47	1/4	3,943.24	1/4	3,584.00	1/4	3,224.76	1/4	2,865.47	1/4	2,506.04	1/4	2,146.61	
1/2	1/2	5,009.02	1/2	4,653.42	1/2	4,294.99	1/2	3,935.75	1/2	3,576.52	1/2	3,217.28	1/2	2,857.98	1/2	2,498.55	1/2	2,139.12	
3/4	3/4	5,001.90	3/4	4,645.96	3/4	4,287.51	3/4	3,928.27	3/4	3,569.03	3/4	3,209.80	3/4	2,850.49	3/4	2,491.06	3/4	2,131.63	
3	3	4,994.77	3	4,638.50	3	4,280.02	3	3,920.79	3	3,561.55	3	3,202.31	3	2,843.00	3	2,483.57	3	2,124.14	
1/4	1/4	4,987.64	1/4	4,631.04	1/4	4,272.54	1/4	3,913.30	1/4	3,554.06	1/4	3,194.83	1/4	2,835.51	1/4	2,476.08	1/4	2,116.66	
1/2	1/2	4,980.25	1/2	4,623.57	1/2	4,265.05	1/2	3,905.82	1/2	3,546.58	1/2	3,187.34	1/2	2,828.03	1/2	2,468.60	1/2	2,109.17	
3/4	3/4	4,972.86	3/4	4,616.11	3/4	4,257.57	3/4	3,898.33	3/4	3,539.10	3/4	3,179.86	3/4	2,820.54	3/4	2,461.11	3/4	2,101.68	
4	4	4,965.46	4	4,608.65	4	4,250.09	4	3,890.85	4	3,531.61	4	3,172.38	4	2,813.05	4	2,453.62	4	2,094.19	
1/4	1/4	4,958.07	1/4	4,601.19	1/4	4,242.60	1/4	3,883.37	1/4	3,524.13	1/4	3,164.89	1/4	2,805.56	1/4	2,446.13	1/4	2,086.70	
1/2	1/2	4,950.64	1/2	4,593.73	1/2	4,235.12	1/2	3,875.88	1/2	3,516.64	1/2	3,157.41	1/2	2,798.07	1/2	2,438.64	1/2	2,079.22	
3/4	3/4	4,943.22	3/4	4,586.26	3/4	4,227.63	3/4	3,868.40	3/4	3,509.16	3/4	3,149.92	3/4	2,790.58	3/4	2,431.16	3/4	2,071.73	
5	5	4,935.79	5	4,578.80	5	4,220.15	5	3,860.91	5	3,501.68	5	3,142.44	5	2,783.10	5	2,423.67	5	2,064.24	
1/4	1/4	4,928.36	1/4	4,571.34	1/4	4,212.67	1/4	3,853.43	1/4	3,494.19	1/4	3,134.96	1/4	2,775.61	1/4	2,416.18	1/4	2,056.75	
1/2	1/2	4,920.94	1/2	4,563.88	1/2	4,205.18	1/2	3,845.94	1/2	3,486.71	1/2	3,127.47	1/2	2,768.12	1/2	2,408.69	1/2	2,049.26	
3/4	3/4	4,913.51	3/4	4,556.41	3/4	4,197.70	3/4	3,838.46	3/4	3,479.22	3/4	3,119.99	3/4	2,760.63	3/4	2,401.20	3/4	2,041.77	
6	6	4,906.08	6	4,548.95	6	4,190.21	6	3,830.98	6	3,471.74	6	3,112.50	6	2,753.14	6	2,393.72	6	2,034.29	
1/4	1/4	4,898.66	1/4	4,541.49	1/4	4,182.73	1/4	3,823.49	1/4	3,464.26	1/4	3,105.02	1/4	2,745.66	1/4	2,386.23	1/4	2,026.80	
1/2	1/2	4,891.23	1/2	4,534.03	1/2	4,175.25	1/2	3,816.01	1/2	3,456.77	1/2	3,097.53	1/2	2,738.17	1/2	2,378.74	1/2	2,019.31	
3/4	3/4	4,883.81	3/4	4,526.56	3/4	4,167.76	3/4	3,808.52	3/4	3,449.29	3/4	3,090.05	3/4	2,730.68	3/4	2,371.25	3/4	2,011.82	
7	7	4,876.38	7	4,519.10	7	4,160.28	7	3,801.04	7	3,441.80	7	3,082.57	7	2,723.19	7	2,363.76	7	2,004.33	
1/4	1/4	4,868.96	1/4	4,511.64	1/4	4,152.79	1/4	3,793.56	1/4	3,434.32	1/4	3,075.08	1/4	2,715.70	1/4	2,356.27	1/4	1,996.85	
1/2	1/2	4,861.54	1/2	4,504.18	1/2	4,145.31	1/2	3,786.07	1/2	3,426.84	1/2	3,067.60	1/2	2,708.22	1/2	2,348.79	1/2	1,989.36	
3/4	3/4	4,854.11	3/4	4,496.71	3/4	4,137.82	3/4	3,778.59	3/4	3,419.35	3/4	3,060.11	3/4	2,700.73	3/4	2,341.30	3/4	1,981.87	
8	8	4,846.69	8	4,489.25	8	4,130.34	8	3,771.10	8	3,411.87	8	3,052.63	8	2,693.24	8	2,333.81	8	1,974.38	
1/4	1/4	4,839.27	1/4	4,481.79	1/4	4,122.86	1/4	3,763.62	1/4	3,404.38	1/4	3,045.15	1/4	2,685.75	1/4	2,326.32	1/4	1,966.89	
1/2	1/2	4,831.84	1/2	4,474.33	1/2	4,115.37	1/2	3,756.14	1/2	3,396.90	1/2	3,037.66	1/2	2,678.26	1/2	2,318.83	1/2	1,959.41	
3/4	3/4	4,824.42	3/4	4,466.86	3/4	4,107.89	3/4	3,748.65	3/4	3,389.41	3/4	3,030.18	3/4	2,670.77	3/4	2,311.35	3/4	1,951.92	
9	9	4,817.00	9	4,459.40	9	4,100.40	9	3,741.17	9	3,381.93	9	3,022.69	9	2,663.29	9	2,303.86	9	1,944.43	
1/4	1/4	4,809.58	1/4	4,451.94	1/4	4,092.92	1/4	3,733.68	1/4	3,374.45	1/4	3,015.21	1/4	2,655.80	1/4	2,296.37	1/4	1,936.94	
1/2	1/2	4,802.15	1/2	4,444.48	1/2	4,085.44	1/2	3,726.20	1/2	3,366.96	1/2	3,007.73	1/2	2,648.31	1/2	2,288.88	1/2	1,929.45	
3/4	3/4	4,794.73	3/4	4,437.01	3/4	4,077.95	3/4	3,718.72	3/4	3,359.48	3/4	3,000.24	3/4	2,640.82	3/4	2,281.39	3/4	1,921.96	
10	10	4,787.31	10	4,429.55	10	4,070.47	10	3,711.23	10	3,351.99	10	2,992.76	10	2,633.33	10	2,273.91	10	1,914.48	
1/4	1/4	4,779.89	1/4	4,422.09	1/4	4,062.98	1/4	3,703.75	1/4	3,344.51	1/4	2,985.27	1/4	2,625.85	1/4	2,266.42	1/4	1,906.99	
1/2	1/2	4,772.46	1/2	4,414.63	1/2	4,055.50	1/2	3,696.26	1/2	3,337.03	1/2	2,977.79	1/2	2,618.36	1/2	2,258.93	1/2	1,899.50	
3/4	3/4	4,765.04	3/4	4,407.17	3/4	4,048.02	3/4	3,688.78	3/4	3,329.54	3/4	2,970.30	3/4	2,610.87	3/4	2,251.44	3/4	1,892.01	
11	11	4,757.62	11	4,399.70	11	4,040.53	11	3,681.29	11	3,322.06	11	2,962.81	11	2,603.38	11	2,243.95	11	1,884.52	
1/4	1/4	4,750.20	1/4	4,392.24	1/4	4,033.05	1/4	3,673.81	1/4	3,314.57	1/4	2,955.33	1/4	2,595.89	1/4	2,236.47	1/4	1,877.04	
1/2	1/2	4,742.77	1/2	4,384.77	1/2	4,025.56	1/2	3,666.33	1/2	3,307.09	1/2	2,947.84	1/2	2,588.41	1/2	2,228.98	1/2	1,869.55	
3/4	3/4	5,071.70	3/4	4,735.35	3/4	4,377.29	3/4	4,018.08	3/4	3,658.84	3/4	3,299.61	3/4	2,940.35	3/4	2,221.49	3/4	1,862.06	

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 "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 30035"

2 PORT ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 15'-02 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,854.57	0	1,495.14	0	1,137.15	0	790.64	0	436.90	0	82.77	0		0		0		0	
1/4	1,847.08	1/4	1,487.66	1/4	1,129.92	1/4	783.17	1/4	429.42	1/4	75.43	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,839.60	1/2	1,480.17	1/2	1,122.73	1/2	775.69	1/2	421.93	1/2	68.52	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,832.11	3/4	1,472.68	3/4	1,115.53	3/4	768.20	3/4	414.44	3/4	61.61	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,824.62	1	1,465.19	1	1,108.33	1	760.71	1	406.95	1	54.70	1	1	1	1	1	1	1	1
1/4	1,817.13	1/4	1,457.70	1/4	1,101.13	1/4	753.22	1/4	399.46	1/4	47.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,809.64	1/2	1,450.21	1/2	1,093.94	1/2	745.73	1/2	391.98	1/2	42.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,802.16	3/4	1,442.73	3/4	1,086.75	3/4	738.25	3/4	384.49	3/4	36.68	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,794.67	2	1,435.24	2	1,079.56	2	730.76	2	377.00	2	31.13	2	2	2	2	2	2	2	2
1/4	1,787.18	1/4	1,427.75	1/4	1,072.37	1/4	723.27	1/4	369.51	1/4	25.58	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,779.69	1/2	1,420.26	1/2	1,065.18	1/2	715.90	1/2	362.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,772.20	3/4	1,412.77	3/4	1,057.99	3/4	708.52	3/4	354.54	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,764.71	3	1,405.29	3	1,050.81	3	701.15	3	347.05	3	3	3	3	3	3	3	3	3	3
1/4	1,757.23	1/4	1,397.80	1/4	1,043.62	1/4	693.77	1/4	339.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,749.74	1/2	1,390.31	1/2	1,036.43	1/2	686.48	1/2	332.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,742.25	3/4	1,382.82	3/4	1,029.25	3/4	679.18	3/4	324.58	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
4	1,734.76	4	1,375.33	4	1,022.07	4	671.88	4	317.10	4	4	4	4	4	4	4	4	4	4
1/4	1,727.27	1/4	1,367.85	1/4	1,014.88	1/4	664.58	1/4	309.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,719.79	1/2	1,360.36	1/2	1,007.70	1/2	657.30	1/2	302.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,712.30	3/4	1,352.87	3/4	1,000.51	3/4	650.01	3/4	294.75	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
5	1,704.81	5	1,345.38	5	993.33	5	642.72	5	287.32	5	5	5	5	5	5	5	5	5	5
1/4	1,697.32	1/4	1,337.89	1/4	986.15	1/4	635.44	1/4	279.89	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,689.83	1/2	1,330.41	1/2	978.96	1/2	628.15	1/2	272.55	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,682.35	3/4	1,322.92	3/4	971.78	3/4	620.87	3/4	265.21	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
6	1,674.86	6	1,315.43	6	964.59	6	613.58	6	257.88	6	6	6	6	6	6	6	6	6	6
1/4	1,667.37	1/4	1,307.94	1/4	957.41	1/4	606.30	1/4	250.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,659.88	1/2	1,300.45	1/2	950.23	1/2	599.01	1/2	243.25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,652.39	3/4	1,292.96	3/4	943.04	3/4	591.72	3/4	235.96	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
7	1,644.91	7	1,285.48	7	935.86	7	584.44	7	228.66	7	7	7	7	7	7	7	7	7	7
1/4	1,637.42	1/4	1,277.99	1/4	928.68	1/4	577.15	1/4	221.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,629.93	1/2	1,270.50	1/2	921.49	1/2	569.87	1/2	214.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,622.44	3/4	1,263.01	3/4	914.31	3/4	562.58	3/4	206.80	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
8	1,614.95	8	1,255.52	8	907.12	8	555.29	8	199.51	8	8	8	8	8	8	8	8	8	8
1/4	1,607.46	1/4	1,248.04	1/4	899.94	1/4	548.01	1/4	192.23	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,599.98	1/2	1,240.55	1/2	892.76	1/2	540.72	1/2	184.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,592.49	3/4	1,233.06	3/4	885.57	3/4	533.44	3/4	177.66	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
9	1,585.00	9	1,225.57	9	878.39	9	526.15	9	170.37	9	9	9	9	9	9	9	9	9	9
1/4	1,577.51	1/4	1,218.08	1/4	871.20	1/4	518.87	1/4	163.09	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,570.02	1/2	1,210.60	1/2	864.02	1/2	511.47	1/2	155.80	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,562.54	3/4	1,203.11	3/4	856.84	3/4	504.07	3/4	148.51	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
10	1,555.05	10	1,195.62	10	849.65	10	496.67	10	141.23	10	10	10	10	10	10	10	10	10	10
1/4	1,547.56	1/4	1,188.13	1/4	842.47	1/4	489.27	1/4	133.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,540.07	1/2	1,180.80	1/2	835.11	1/2	481.79	1/2	126.66	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,532.58	3/4	1,173.47	3/4	827.76	3/4	474.32	3/4	119.37	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
11	1,525.10	11	1,166.14	11	820.40	11	466.84	11	112.09	11	11	11	11	11	11	11	11	11	11
1/4	1,517.61	1/4	1,158.82	1/4	813.05	1/4	459.37	1/4	104.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,510.12	1/2	1,151.59	1/2	805.58	1/2	451.88	1/2	97.46	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,502.63	3/4	1,144.37	3/4	798.11	3/4	444.39	3/4	90.11	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2012 CL - SW
RECALCULATED: 04/12/2022 PMA
NAME CHANGE: 04/12/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2022

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



BARGE "KIRBY 30035"

2 STBD ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 15'-03"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	4,766.43	0	4,408.30	0	4,048.93	0	3,689.52	0	3,330.11	0	2,970.69	0	2,611.10	0	2,251.49		
1/4	1/4			1/4	4,759.00	1/4	4,400.82	1/4	4,041.44	1/4	3,682.03	1/4	3,322.62	1/4	2,963.20	1/4	2,603.61	1/4	2,244.00		
1/2	1/2	5,088.09		1/2	4,751.58	1/2	4,393.34	1/2	4,033.95	1/2	3,674.54	1/2	3,315.13	1/2	2,955.71	1/2	2,596.11	1/2	2,236.51		
3/4	3/4	5,083.60		3/4	4,744.15	3/4	4,385.87	3/4	4,026.47	3/4	3,667.06	3/4	3,307.65	3/4	2,948.23	3/4	2,588.62	3/4	2,229.02		
1		5,079.12	1	4,736.73	1	4,378.39	1	4,018.98	1	3,659.57	1	3,300.16	1	2,940.74	1	2,581.13	1	2,221.52			
1/4	1/4	5,073.83	1/4	4,729.28	1/4	4,370.90	1/4	4,011.49	1/4	3,652.08	1/4	3,292.67	1/4	2,933.25	1/4	2,573.64	1/4	2,214.03			
1/2	1/2	5,068.54	1/2	4,721.83	1/2	4,363.41	1/2	4,004.00	1/2	3,644.59	1/2	3,285.18	1/2	2,925.75	1/2	2,566.15	1/2	2,206.54			
3/4	3/4	5,063.25	3/4	4,714.38	3/4	4,355.92	3/4	3,996.52	3/4	3,637.11	3/4	3,277.70	3/4	2,918.26	3/4	2,558.66	3/4	2,199.05			
2		5,057.96	2	4,706.93	2	4,348.44	2	3,989.03	2	3,629.62	2	3,270.21	2	2,910.77	2	2,551.16	2	2,191.56			
1/4	1/4	5,051.60	1/4	4,699.47	1/4	4,340.95	1/4	3,981.54	1/4	3,622.13	1/4	3,262.72	1/4	2,903.28	1/4	2,543.67	1/4	2,184.07			
1/2	1/2	5,045.23	1/2	4,692.00	1/2	4,333.46	1/2	3,974.05	1/2	3,614.64	1/2	3,255.23	1/2	2,895.79	1/2	2,536.18	1/2	2,176.57			
3/4	3/4	5,038.87	3/4	4,684.54	3/4	4,325.97	3/4	3,966.56	3/4	3,607.16	3/4	3,247.75	3/4	2,888.29	3/4	2,528.69	3/4	2,169.08			
3		5,032.51	3	4,677.08	3	4,318.49	3	3,959.08	3	3,599.67	3	3,240.26	3	2,880.80	3	2,521.20	3	2,161.59			
1/4	1/4	5,025.38	1/4	4,669.61	1/4	4,311.00	1/4	3,951.59	1/4	3,592.18	1/4	3,232.77	1/4	2,873.31	1/4	2,513.70	1/4	2,154.10			
1/2	1/2	5,018.25	1/2	4,662.14	1/2	4,303.51	1/2	3,944.10	1/2	3,584.69	1/2	3,225.28	1/2	2,865.82	1/2	2,506.21	1/2	2,146.61			
3/4	3/4	5,011.12	3/4	4,654.68	3/4	4,296.02	3/4	3,936.61	3/4	3,577.20	3/4	3,216.79	3/4	2,858.33	3/4	2,498.72	3/4	2,139.11			
4		5,003.99	4	4,647.21	4	4,288.54	4	3,929.13	4	3,569.72	4	3,210.31	4	2,850.84	4	2,491.23	4	2,131.62			
1/4	1/4	4,996.60	1/4	4,639.75	1/4	4,281.05	1/4	3,921.64	1/4	3,562.23	1/4	3,202.82	1/4	2,843.34	1/4	2,483.74	1/4	2,124.13			
1/2	1/2	4,989.20	1/2	4,632.28	1/2	4,273.56	1/2	3,914.15	1/2	3,554.74	1/2	3,195.33	1/2	2,835.85	1/2	2,476.25	1/2	2,116.64			
3/4	3/4	4,981.80	3/4	4,624.81	3/4	4,266.07	3/4	3,906.66	3/4	3,547.25	3/4	3,187.84	3/4	2,828.36	3/4	2,468.75	3/4	2,109.15			
5		4,974.41	5	4,617.35	5	4,258.59	5	3,899.18	5	3,539.77	5	3,180.36	5	2,820.87	5	2,461.26	5	2,101.66			
1/4	1/4	4,966.98	1/4	4,609.88	1/4	4,251.10	1/4	3,891.69	1/4	3,532.28	1/4	3,172.87	1/4	2,813.38	1/4	2,453.77	1/4	2,094.16			
1/2	1/2	4,959.54	1/2	4,602.42	1/2	4,243.61	1/2	3,884.20	1/2	3,524.79	1/2	3,165.38	1/2	2,805.88	1/2	2,446.28	1/2	2,086.67			
3/4	3/4	4,952.11	3/4	4,594.95	3/4	4,236.12	3/4	3,876.71	3/4	3,517.30	3/4	3,157.89	3/4	2,798.39	3/4	2,438.79	3/4	2,079.18			
6		4,944.68	6	4,587.48	6	4,228.63	6	3,869.22	6	3,509.82	6	3,150.41	6	2,790.90	6	2,431.30	6	2,071.69			
1/4	1/4	4,937.25	1/4	4,580.02	1/4	4,221.15	1/4	3,861.74	1/4	3,502.33	1/4	3,142.92	1/4	2,783.41	1/4	2,423.80	1/4	2,064.20			
1/2	1/2	4,929.82	1/2	4,572.55	1/2	4,213.66	1/2	3,854.25	1/2	3,494.84	1/2	3,135.43	1/2	2,775.92	1/2	2,416.31	1/2	2,056.71			
3/4	3/4	4,922.39	3/4	4,565.09	3/4	4,206.17	3/4	3,846.76	3/4	3,487.35	3/4	3,127.94	3/4	2,768.43	3/4	2,408.82	3/4	2,049.21			
7		4,914.96	7	4,557.62	7	4,198.68	7	3,839.27	7	3,479.86	7	3,120.45	7	2,760.93	7	2,401.33	7	2,041.72			
1/4	1/4	4,907.54	1/4	4,550.15	1/4	4,191.20	1/4	3,831.79	1/4	3,472.38	1/4	3,112.97	1/4	2,753.44	1/4	2,393.84	1/4	2,034.23			
1/2	1/2	4,900.11	1/2	4,542.69	1/2	4,183.71	1/2	3,824.30	1/2	3,464.89	1/2	3,105.48	1/2	2,745.95	1/2	2,386.34	1/2	2,026.74			
3/4	3/4	4,892.68	3/4	4,535.22	3/4	4,176.22	3/4	3,816.81	3/4	3,457.40	3/4	3,097.99	3/4	2,738.46	3/4	2,378.85	3/4	2,019.25			
8		4,885.25	8	4,527.76	8	4,168.73	8	3,809.32	8	3,449.91	8	3,090.50	8	2,730.97	8	2,371.36	8	2,011.75			
1/4	1/4	4,877.82	1/4	4,520.29	1/4	4,161.24	1/4	3,801.84	1/4	3,442.43	1/4	3,083.02	1/4	2,723.48	1/4	2,363.87	1/4	2,004.26			
1/2	1/2	4,870.40	1/2	4,512.82	1/2	4,153.76	1/2	3,794.35	1/2	3,434.94	1/2	3,075.53	1/2	2,715.98	1/2	2,356.38	1/2	1,996.77			
3/4	3/4	4,862.97	3/4	4,505.36	3/4	4,146.27	3/4	3,786.86	3/4	3,427.45	3/4	3,068.04	3/4	2,708.49	3/4	2,348.89	3/4	1,989.28			
9		4,855.54	9	4,497.89	9	4,138.78	9	3,779.37	9	3,419.96	9	3,060.55	9	2,701.00	9	2,341.39	9	1,981.79			
1/4	1/4	4,848.12	1/4	4,490.43	1/4	4,131.29	1/4	3,771.88	1/4	3,412.47	1/4	3,053.07	1/4	2,693.51	1/4	2,333.90	1/4	1,974.30			
1/2	1/2	4,840.69	1/2	4,482.96	1/2	4,123.81	1/2	3,764.40	1/2	3,404.99	1/2	3,045.58	1/2	2,686.02	1/2	2,326.41	1/2	1,966.80			
3/4	3/4	4,833.27	3/4	4,475.49	3/4	4,116.32	3/4	3,756.91	3/4	3,397.50	3/4	3,038.09	3/4	2,678.52	3/4	2,318.92	3/4	1,959.31			
10		4,825.84	10	4,468.03	10	4,108.83	10	3,749.42	10	3,390.01	10	3,030.60	10	2,671.03	10	2,311.43	10	1,951.82			
1/4	1/4	4,818.41	1/4	4,460.56	1/4	4,101.34	1/4	3,741.93	1/4	3,382.52	1/4	3,023.11	1/4	2,663.54	1/4	2,303.93	1/4	1,944.33			
1/2	1/2	4,810.99	1/2	4,453.10	1/2	4,093.86	1/2	3,734.45	1/2	3,375.04	1/2	3,015.63	1/2	2,656.05	1/2	2,296.44	1/2	1,936.84			
3/4	3/4	4,803.56	3/4	4,445.63	3/4	4,086.37	3/4	3,726.96	3/4	3,367.55	3/4	3,008.14	3/4	2,648.56	3/4	2,288.95	3/4	1,929.34			
11		4,796.13	11	4,438.16	11	4,078.88	11	3,719.47	11	3,360.06	11	3,000.65	11	2,641.07	11	2,281.46	11	1,921.85			
1/4	1/4	4,788.71	1/4	4,430.70	1/4	4,071.39	1/4	3,711.98	1/4	3,352.57	1/4	2,993.16	1/4	2,633.57	1/4	2,273.97	1/4	1,914.36			
1/2	1/2	4,781.28	1/2	4,423.23	1/2	4,063.90	1/2	3,704.50	1/2	3,345.09	1/2	2,985.67	1/2	2,626.08	1/2	2,266.48	1/2	1,906.87			
3/4	3/4	4,773.86	3/4	4,415.77	3/4	4,056.42	3/4	3,697.01	3/4	3,337.60	3/4	2,978.18	3/4	2,618.59	3/4	2,258.98	3/4	1,899.38			

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 "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 30035"

2 STBD ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,891.89	0	1,532.28	0	1,172.67	0	813.53	0	459.60	0	104.85	0		0		0		0	
1/4	1,884.39	1/4	1,524.79	1/4	1,165.18	1/4	806.03	1/4	452.10	1/4	97.51	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,876.90	1/2	1,517.30	1/2	1,157.69	1/2	798.54	1/2	444.61	1/2	90.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,869.41	3/4	1,509.80	3/4	1,150.20	3/4	791.05	3/4	437.12	3/4	82.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,861.92	1	1,502.31	1	1,142.71	1	783.56	1	429.63	1	75.47	1	1	1	1	1	1	1	1
1/4	1,854.43	1/4	1,494.82	1/4	1,135.22	1/4	776.07	1/4	422.14	1/4	68.55	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,846.93	1/2	1,487.33	1/2	1,127.73	1/2	768.58	1/2	414.65	1/2	61.64	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,839.44	3/4	1,479.84	3/4	1,120.24	3/4	761.09	3/4	407.15	3/4	54.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,831.95	2	1,472.34	2	1,112.75	2	753.60	2	399.66	2	47.81	2	2	2	2	2	2	2	2
1/4	1,824.46	1/4	1,464.85	1/4	1,105.26	1/4	746.10	1/4	392.17	1/4	42.26	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,816.97	1/2	1,457.36	1/2	1,097.78	1/2	738.61	1/2	384.68	1/2	36.70	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,809.48	3/4	1,449.87	3/4	1,090.29	3/4	731.12	3/4	377.19	3/4	31.15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,801.98	3	1,442.38	3	1,082.81	3	723.63	3	369.70	3	25.59	3	3	3	3	3	3	3	3
1/4	1,794.49	1/4	1,434.89	1/4	1,075.32	1/4	716.25	1/4	362.21	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,787.00	1/2	1,427.39	1/2	1,067.84	1/2	708.87	1/2	354.71	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,779.51	3/4	1,419.90	3/4	1,060.36	3/4	701.50	3/4	347.22	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,772.02	4	1,412.41	4	1,052.88	4	694.12	4	339.73	4	4	4	4	4	4	4	4	4	4
1/4	1,764.52	1/4	1,404.92	1/4	1,045.40	1/4	686.82	1/4	332.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,757.03	1/2	1,397.43	1/2	1,037.92	1/2	679.52	1/2	324.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,749.54	3/4	1,389.93	3/4	1,030.44	3/4	672.21	3/4	317.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,742.05	5	1,382.44	5	1,022.96	5	664.91	5	309.77	5	5	5	5	5	5	5	5	5	5
1/4	1,734.56	1/4	1,374.95	1/4	1,015.48	1/4	657.62	1/4	302.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,727.07	1/2	1,367.46	1/2	1,008.00	1/2	650.33	1/2	294.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,719.57	3/4	1,359.97	3/4	1,000.52	3/4	643.04	3/4	287.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,712.08	6	1,352.48	6	993.05	6	635.75	6	280.03	6	6	6	6	6	6	6	6	6	6
1/4	1,704.59	1/4	1,344.98	1/4	985.57	1/4	628.46	1/4	272.69	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,697.10	1/2	1,337.49	1/2	978.09	1/2	621.18	1/2	265.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,689.61	3/4	1,330.00	3/4	970.61	3/4	613.89	3/4	258.01	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,682.12	7	1,322.51	7	963.13	7	606.60	7	250.67	7	7	7	7	7	7	7	7	7	7
1/4	1,674.62	1/4	1,315.02	1/4	955.65	1/4	599.31	1/4	243.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,667.13	1/2	1,307.53	1/2	948.17	1/2	592.02	1/2	236.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,659.64	3/4	1,300.03	3/4	940.69	3/4	584.73	3/4	228.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,652.15	8	1,292.54	8	933.21	8	577.44	8	221.48	8	8	8	8	8	8	8	8	8	8
1/4	1,644.66	1/4	1,285.05	1/4	925.74	1/4	570.15	1/4	214.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,637.16	1/2	1,277.56	1/2	918.26	1/2	562.86	1/2	206.91	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,629.67	3/4	1,270.07	3/4	910.78	3/4	555.57	3/4	199.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,622.18	9	1,262.57	9	903.30	9	548.28	9	192.33	9	9	9	9	9	9	9	9	9	9
1/4	1,614.69	1/4	1,255.08	1/4	895.82	1/4	540.99	1/4	185.04	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,607.20	1/2	1,247.59	1/2	888.34	1/2	533.70	1/2	177.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,599.71	3/4	1,240.10	3/4	880.86	3/4	526.41	3/4	170.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,592.21	10	1,232.61	10	873.38	10	519.12	10	163.17	10	10	10	10	10	10	10	10	10	10
1/4	1,584.72	1/4	1,225.12	1/4	865.91	1/4	511.72	1/4	155.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,577.23	1/2	1,217.62	1/2	858.43	1/2	504.32	1/2	148.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,569.74	3/4	1,210.13	3/4	850.95	3/4	496.91	3/4	141.30	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,562.25	11	1,202.64	11	843.47	11	489.51	11	134.01	11	11	11	11	11	11	11	11	11	11
1/4	1,554.75	1/4	1,195.15	1/4	835.98	1/4	482.03	1/4	126.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,547.26	1/2	1,187.66	1/2	828.50	1/2	474.55	1/2	119.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,539.77	3/4	1,180.16	3/4	821.01	3/4	467.07	3/4	112.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2012 CL - SW
RECALCULATED: 04/12/2022 PMA
NAME CHANGE: 04/12/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2022

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



BARGE "KIRBY 30035"

3 PORT ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 15'-03 3/4"

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	4,025.21	0	3,889.31	0	3,752.55	0	3,615.71	0	3,318.74	0	2,961.84	0	2,604.62	0	2,248.28
1/4	1/4	1/4	1/4	1/4	4,022.40	1/4	3,886.47	1/4	3,749.69	1/4	3,612.86	1/4	3,311.32	1/4	2,954.40	1/4	2,597.18	1/4	2,240.88
1/2	1/2	1/2	1/2	1/2	4,019.59	1/2	3,883.64	1/2	3,746.84	1/2	3,610.01	1/2	3,303.90	1/2	2,946.96	1/2	2,589.73	1/2	2,233.48
3/4	3/4	3/4	3/4	3/4	4,016.78	3/4	3,880.80	3/4	3,743.99	3/4	3,607.15	3/4	3,296.48	3/4	2,939.52	3/4	2,582.28	3/4	2,226.08
1		1		1	4,013.97	1	3,877.96	1	3,741.14	1	3,604.30	1	3,289.06	1	2,932.07	1	2,574.84	1	2,218.70
1/4	1/4	1/4	1/4	1/4	4,126.81	1/4	4,011.16	1/4	3,875.11	1/4	3,738.29	1/4	3,601.45	1/4	3,281.65	1/4	2,924.63	1/4	2,567.39
1/2	1/2	1/2	1/2	1/2	4,126.68	1/2	4,008.35	1/2	3,872.27	1/2	3,735.44	1/2	3,598.60	1/2	3,274.23	1/2	2,917.19	1/2	2,559.94
3/4	3/4	3/4	3/4	3/4	4,126.55	3/4	4,005.54	3/4	3,869.42	3/4	3,732.59	3/4	3,595.75	3/4	3,266.81	3/4	2,909.75	3/4	2,552.49
2		2		2	4,125.81	2	4,002.72	2	3,866.57	2	3,729.74	2	3,592.90	2	3,259.38	2	2,902.31	2	2,545.04
1/4	1/4	1/4	1/4	1/4	4,125.07	1/4	3,999.89	1/4	3,863.72	1/4	3,726.89	1/4	3,590.05	1/4	3,251.95	1/4	2,894.86	1/4	2,537.59
1/2	1/2	1/2	1/2	1/2	4,124.33	1/2	3,997.07	1/2	3,860.87	1/2	3,724.04	1/2	3,587.20	1/2	3,244.52	1/2	2,887.42	1/2	2,530.14
3/4	3/4	3/4	3/4	3/4	4,123.59	3/4	3,994.25	3/4	3,858.03	3/4	3,721.19	3/4	3,584.35	3/4	3,237.09	3/4	2,879.98	3/4	2,522.69
3		3		3	4,121.84	3	3,991.41	3	3,855.17	3	3,718.34	3	3,578.91	3	3,229.65	3	2,872.54	3	2,515.24
1/4	1/4	1/4	1/4	1/4	4,120.10	1/4	3,988.58	1/4	3,852.32	1/4	3,715.49	1/4	3,573.46	1/4	3,222.21	1/4	2,865.10	1/4	2,507.79
1/2	1/2	1/2	1/2	1/2	4,118.36	1/2	3,985.74	1/2	3,849.47	1/2	3,712.63	1/2	3,568.02	1/2	3,214.77	1/2	2,857.65	1/2	2,500.35
3/4	3/4	3/4	3/4	3/4	4,116.61	3/4	3,982.91	3/4	3,846.62	3/4	3,709.78	3/4	3,562.57	3/4	3,207.34	3/4	2,850.21	3/4	2,492.90
4		4		4	4,114.10	4	3,980.07	4	3,843.77	4	3,706.93	4	3,555.42	4	3,199.90	4	2,842.77	4	2,485.47
1/4	1/4	1/4	1/4	1/4	4,111.59	1/4	3,977.23	1/4	3,840.92	1/4	3,704.08	1/4	3,548.26	1/4	3,192.46	1/4	2,835.33	1/4	2,478.04
1/2	1/2	1/2	1/2	1/2	4,109.08	1/2	3,974.40	1/2	3,838.07	1/2	3,701.23	1/2	3,541.11	1/2	3,185.02	1/2	2,827.89	1/2	2,470.61
3/4	3/4	3/4	3/4	3/4	4,106.57	3/4	3,971.56	3/4	3,835.22	3/4	3,698.38	3/4	3,533.95	3/4	3,177.58	3/4	2,820.44	3/4	2,463.19
5		5		5	4,103.79	5	3,968.73	5	3,832.37	5	3,695.53	5	3,526.52	5	3,170.14	5	2,813.00	5	2,455.77
1/4	1/4	1/4	1/4	1/4	4,101.01	1/4	3,965.89	1/4	3,829.52	1/4	3,692.68	1/4	3,519.09	1/4	3,162.70	1/4	2,805.56	1/4	2,448.36
1/2	1/2	1/2	1/2	1/2	4,098.23	1/2	3,963.05	1/2	3,826.67	1/2	3,689.83	1/2	3,511.66	1/2	3,155.26	1/2	2,798.12	1/2	2,440.95
3/4	3/4	3/4	3/4	3/4	4,095.46	3/4	3,960.22	3/4	3,823.82	3/4	3,686.98	3/4	3,504.23	3/4	3,147.82	3/4	2,790.68	3/4	2,433.53
6		6		6	4,092.64	6	3,957.38	6	3,820.97	6	3,684.13	6	3,496.80	6	3,140.38	6	2,783.23	6	2,426.12
1/4	1/4	1/4	1/4	1/4	4,089.83	1/4	3,954.54	1/4	3,818.11	1/4	3,681.28	1/4	3,489.38	1/4	3,132.94	1/4	2,775.79	1/4	2,418.71
1/2	1/2	1/2	1/2	1/2	4,087.02	1/2	3,951.71	1/2	3,815.26	1/2	3,678.42	1/2	3,481.95	1/2	3,125.50	1/2	2,768.35	1/2	2,411.30
3/4	3/4	3/4	3/4	3/4	4,084.21	3/4	3,948.87	3/4	3,812.41	3/4	3,675.57	3/4	3,474.53	3/4	3,118.06	3/4	2,760.91	3/4	2,403.89
7		7		7	4,081.40	7	3,946.04	7	3,809.56	7	3,672.72	7	3,467.11	7	3,110.63	7	2,753.47	7	2,396.48
1/4	1/4	1/4	1/4	1/4	4,078.59	1/4	3,943.20	1/4	3,806.71	1/4	3,669.87	1/4	3,459.69	1/4	3,103.19	1/4	2,746.02	1/4	2,389.07
1/2	1/2	1/2	1/2	1/2	4,075.77	1/2	3,940.36	1/2	3,803.86	1/2	3,667.02	1/2	3,452.27	1/2	3,095.75	1/2	2,738.58	1/2	2,381.66
3/4	3/4	3/4	3/4	3/4	4,072.96	3/4	3,937.53	3/4	3,801.01	3/4	3,664.17	3/4	3,444.86	3/4	3,088.31	3/4	2,731.14	3/4	2,374.25
8		8		8	4,070.15	8	3,934.69	8	3,798.16	8	3,661.32	8	3,437.44	8	3,080.87	8	2,723.70	8	2,366.83
1/4	1/4	1/4	1/4	1/4	4,067.34	1/4	3,931.85	1/4	3,795.31	1/4	3,658.47	1/4	3,430.02	1/4	3,073.43	1/4	2,716.26	1/4	2,359.42
1/2	1/2	1/2	1/2	1/2	4,064.53	1/2	3,929.02	1/2	3,792.46	1/2	3,655.62	1/2	3,422.60	1/2	3,065.99	1/2	2,708.81	1/2	2,352.01
3/4	3/4	3/4	3/4	3/4	4,061.72	3/4	3,926.18	3/4	3,789.61	3/4	3,652.77	3/4	3,415.18	3/4	3,058.55	3/4	2,701.37	3/4	2,344.60
9		9		9	4,058.91	9	3,923.34	9	3,786.76	9	3,649.92	9	3,407.76	9	3,051.11	9	2,693.93	9	2,337.19
1/4	1/4	1/4	1/4	1/4	4,056.10	1/4	3,920.51	1/4	3,783.90	1/4	3,647.07	1/4	3,400.34	1/4	3,043.67	1/4	2,686.49	1/4	2,329.78
1/2	1/2	1/2	1/2	1/2	4,053.29	1/2	3,917.67	1/2	3,781.05	1/2	3,644.22	1/2	3,392.93	1/2	3,036.23	1/2	2,679.05	1/2	2,322.37
3/4	3/4	3/4	3/4	3/4	4,050.49	3/4	3,914.84	3/4	3,778.20	3/4	3,641.36	3/4	3,385.51	3/4	3,028.79	3/4	2,671.60	3/4	2,314.96
10		10		10	4,047.68	10	3,912.00	10	3,775.35	10	3,638.51	10	3,378.09	10	3,021.35	10	2,664.16	10	2,307.55
1/4	1/4	1/4	1/4	1/4	4,044.87	1/4	3,909.16	1/4	3,772.50	1/4	3,635.66	1/4	3,370.67	1/4	3,013.91	1/4	2,656.72	1/4	2,300.14
1/2	1/2	1/2	1/2	1/2	4,042.06	1/2	3,906.33	1/2	3,769.65	1/2	3,632.81	1/2	3,363.25	1/2	3,006.48	1/2	2,649.28	1/2	2,292.73
3/4	3/4	3/4	3/4	3/4	4,039.25	3/4	3,903.49	3/4	3,766.80	3/4	3,629.96	3/4	3,355.83	3/4	2,999.04	3/4	2,641.84	3/4	2,285.32
11		11		11	4,036.44	11	3,900.65	11	3,763.95	11	3,627.11	11	3,348.41	11	2,991.60	11	2,634.39	11	2,277.91
1/4	1/4	1/4	1/4	1/4	4,033.63	1/4	3,897.82	1/4	3,761.10	1/4	3,624.26	1/4	3,340.99	1/4	2,984.16	1/4	2,626.95	1/4	2,270.49
1/2	1/2	1/2	1/2	1/2	4,030.82	1/2	3,894.98	1/2	3,758.25	1/2	3,621.41	1/2	3,333.58	1/2	2,976.72	1/2	2,619.51	1/2	2,263.08
3/4	3/4	3/4	3/4	3/4	4,028.01	3/4	3,892.15	3/4	3,755.40	3/4	3,618.56	3/4	3,326.16	3/4	2,969.28	3/4	2,612.07	3/4	2,255.67

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 "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 56'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 30035"

3 PORT ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 15'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,893.65	0	1,536.18	0	1,178.74	0	831.50	0	479.71	0	126.24	0		0		0		0	
1/4	1,886.23	1/4	1,528.73	1/4	1,171.40	1/4	824.15	1/4	472.27	1/4	118.98	1/4		1/4		1/4		1/4	
1/2	1,878.81	1/2	1,521.28	1/2	1,164.07	1/2	816.80	1/2	464.83	1/2	111.73	1/2		1/2		1/2		1/2	
3/4	1,871.39	3/4	1,513.84	3/4	1,156.74	3/4	809.45	3/4	456.39	3/4	104.47	3/4		3/4		3/4		3/4	
1	1,863.94	1	1,506.39	1	1,149.49	1	802.01	1	449.93	1	97.15	1		1		1		1	
1/4	1,856.50	1/4	1,498.94	1/4	1,142.24	1/4	794.57	1/4	442.48	1/4	89.83	1/4		1/4		1/4		1/4	
1/2	1,849.05	1/2	1,491.49	1/2	1,134.99	1/2	787.13	1/2	435.03	1/2	82.52	1/2		1/2		1/2		1/2	
3/4	1,841.60	3/4	1,484.04	3/4	1,127.73	3/4	779.69	3/4	427.58	3/4	75.20	3/4		3/4		3/4		3/4	
2	1,834.16	2	1,476.59	2	1,120.50	2	772.24	2	420.13	2	68.31	2		2		2		2	
1/4	1,826.71	1/4	1,469.14	1/4	1,113.27	1/4	764.79	1/4	412.67	1/4	61.42	1/4		1/4		1/4		1/4	
1/2	1,819.26	1/2	1,461.69	1/2	1,106.04	1/2	757.33	1/2	405.22	1/2	54.53	1/2		1/2		1/2		1/2	
3/4	1,811.81	3/4	1,454.24	3/4	1,098.80	3/4	749.88	3/4	397.77	3/4	47.64	3/4		3/4		3/4		3/4	
3	1,804.36	3	1,446.79	3	1,091.58	3	742.43	3	390.32	3	42.11	3		3		3		3	
1/4	1,796.91	1/4	1,439.34	1/4	1,084.35	1/4	734.97	1/4	382.86	1/4	36.57	1/4		1/4		1/4		1/4	
1/2	1,789.46	1/2	1,431.89	1/2	1,077.12	1/2	727.52	1/2	375.41	1/2	31.04	1/2		1/2		1/2		1/2	
3/4	1,782.01	3/4	1,424.44	3/4	1,069.89	3/4	720.07	3/4	367.96	3/4	25.51	3/4		3/4		3/4		3/4	
4	1,774.56	4	1,416.99	4	1,062.67	4	712.73	4	360.51	4		4		4		4		4	
1/4	1,767.11	1/4	1,409.55	1/4	1,055.45	1/4	705.39	1/4	353.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,759.66	1/2	1,402.10	1/2	1,048.23	1/2	698.05	1/2	345.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,752.21	3/4	1,394.65	3/4	1,041.00	3/4	690.70	3/4	338.15	3/4		3/4		3/4		3/4		3/4	
5	1,744.76	5	1,387.20	5	1,033.78	5	683.44	5	330.70	5		5		5		5		5	
1/4	1,737.31	1/4	1,379.75	1/4	1,026.56	1/4	676.18	1/4	323.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,729.87	1/2	1,372.30	1/2	1,019.34	1/2	668.91	1/2	315.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,722.42	3/4	1,364.85	3/4	1,012.12	3/4	661.65	3/4	308.34	3/4		3/4		3/4		3/4		3/4	
6	1,714.97	6	1,357.40	6	1,004.90	6	654.40	6	300.95	6		6		6		6		6	
1/4	1,707.52	1/4	1,349.95	1/4	997.68	1/4	647.14	1/4	293.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,700.07	1/2	1,342.50	1/2	990.46	1/2	639.89	1/2	286.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,692.62	3/4	1,335.05	3/4	983.24	3/4	632.64	3/4	278.76	3/4		3/4		3/4		3/4		3/4	
7	1,685.17	7	1,327.60	7	976.02	7	625.39	7	271.46	7		7		7		7		7	
1/4	1,677.72	1/4	1,320.15	1/4	968.80	1/4	618.14	1/4	264.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,670.27	1/2	1,312.70	1/2	961.59	1/2	610.88	1/2	256.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,662.82	3/4	1,305.25	3/4	954.37	3/4	603.63	3/4	249.56	3/4		3/4		3/4		3/4		3/4	
8	1,655.37	8	1,297.81	8	947.15	8	596.38	8	242.30	8		8		8		8		8	
1/4	1,647.92	1/4	1,290.36	1/4	939.93	1/4	589.13	1/4	235.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,640.47	1/2	1,282.91	1/2	932.71	1/2	581.88	1/2	227.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,633.02	3/4	1,275.46	3/4	925.49	3/4	574.62	3/4	220.53	3/4		3/4		3/4		3/4		3/4	
9	1,625.57	9	1,268.01	9	918.27	9	567.37	9	213.27	9		9		9		9		9	
1/4	1,618.13	1/4	1,260.56	1/4	911.05	1/4	560.12	1/4	206.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,610.68	1/2	1,253.11	1/2	903.83	1/2	552.87	1/2	198.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,603.23	3/4	1,245.66	3/4	896.61	3/4	545.62	3/4	191.52	3/4		3/4		3/4		3/4		3/4	
10	1,595.78	10	1,238.21	10	889.39	10	538.36	10	184.27	10		10		10		10		10	
1/4	1,588.33	1/4	1,230.76	1/4	882.17	1/4	531.11	1/4	177.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,580.88	1/2	1,223.31	1/2	874.95	1/2	523.86	1/2	169.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,573.43	3/4	1,215.86	3/4	867.73	3/4	516.61	3/4	162.51	3/4		3/4		3/4		3/4		3/4	
11	1,565.98	11	1,208.41	11	860.51	11	509.24	11	155.25	11		11		11		11		11	
1/4	1,558.53	1/4	1,200.96	1/4	853.29	1/4	501.88	1/4	148.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,551.08	1/2	1,193.52	1/2	846.07	1/2	494.51	1/2	140.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,543.63	3/4	1,186.07	3/4	838.85	3/4	487.15	3/4	133.50	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2012 CL - SW
CALCULATED: 04/12/2022 PMA
NAME CHANGE: 04/12/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2022

PRECISION MEASUREMENT
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BARGE "KIRBY 30035"

3 STBD ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 15'-03 3/4"

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	4,042.14	0	3,906.59	0	3,770.17	0	3,633.68	0	3,336.65	0	2,979.32	0	2,621.67	0	2,263.69		
1/4	1/4	1/4	1/4	1/4	4,039.33	1/4	3,903.76	1/4	3,767.33	1/4	3,630.84	1/4	3,329.22	1/4	2,971.87	1/4	2,614.21	1/4	2,256.23		
1/2	1/2	1/2	1/2	1/2	4,036.53	1/2	3,900.93	1/2	3,764.48	1/2	3,627.99	1/2	3,321.80	1/2	2,964.42	1/2	2,606.76	1/2	2,248.77		
3/4	3/4	3/4	3/4	3/4	4,033.73	3/4	3,898.10	3/4	3,761.64	3/4	3,625.15	3/4	3,314.37	3/4	2,956.97	3/4	2,599.30	3/4	2,241.32		
1		1		1	4,030.93	1	3,895.26	1	3,758.80	1	3,622.31	1	3,306.94	1	2,949.52	1	2,591.85	1	2,233.86		
1/4	1/4	1/4	1/4	1/4	4,143.45	1/4	4,028.13	1/4	3,892.43	1/4	3,755.95	1/4	3,619.46	1/4	3,299.51	1/4	2,942.06	1/4	2,584.39	1/4	2,226.40
1/2	1/2	1/2	1/2	1/2	4,143.33	1/2	4,025.33	1/2	3,889.59	1/2	3,753.11	1/2	3,616.62	1/2	3,292.08	1/2	2,934.61	1/2	2,576.94	1/2	2,218.94
3/4	3/4	3/4	3/4	3/4	4,143.20	3/4	4,022.52	3/4	3,886.75	3/4	3,750.27	3/4	3,613.78	3/4	3,284.66	3/4	2,927.16	3/4	2,569.48	3/4	2,211.48
2		2		2	4,142.47	2	4,019.71	2	3,883.91	2	3,747.42	2	3,610.93	2	3,277.22	2	2,919.71	2	2,562.02	2	2,204.02
1/4	1/4	1/4	1/4	1/4	4,141.73	1/4	4,016.89	1/4	3,881.07	1/4	3,744.58	1/4	3,608.09	1/4	3,269.78	1/4	2,912.26	1/4	2,554.56	1/4	2,196.57
1/2	1/2	1/2	1/2	1/2	4,140.99	1/2	4,014.07	1/2	3,878.22	1/2	3,741.73	1/2	3,605.25	1/2	3,262.34	1/2	2,904.81	1/2	2,547.11	1/2	2,189.11
3/4	3/4	3/4	3/4	3/4	4,140.26	3/4	4,011.26	3/4	3,875.38	3/4	3,738.89	3/4	3,602.40	3/4	3,254.90	3/4	2,897.36	3/4	2,539.65	3/4	2,181.65
3		3		3	4,138.52	3	4,008.43	3	3,872.54	3	3,736.05	3	3,596.97	3	3,247.45	3	2,889.91	3	2,532.19	3	2,174.19
1/4	1/4	1/4	1/4	1/4	4,136.78	1/4	4,005.60	1/4	3,869.69	1/4	3,733.20	1/4	3,591.53	1/4	3,240.01	1/4	2,882.46	1/4	2,524.73	1/4	2,166.73
1/2	1/2	1/2	1/2	1/2	4,135.04	1/2	4,002.77	1/2	3,866.85	1/2	3,730.36	1/2	3,586.09	1/2	3,232.56	1/2	2,875.01	1/2	2,517.27	1/2	2,159.27
3/4	3/4	3/4	3/4	3/4	4,133.31	3/4	3,999.94	3/4	3,864.01	3/4	3,727.52	3/4	3,580.66	3/4	3,225.11	3/4	2,867.55	3/4	2,509.81	3/4	2,151.82
4		4		4	4,130.80	4	3,997.12	4	3,861.16	4	3,724.67	4	3,573.51	4	3,217.66	4	2,860.10	4	2,502.36	4	2,144.36
1/4	1/4	1/4	1/4	1/4	4,128.30	1/4	3,994.29	1/4	3,858.32	1/4	3,721.83	1/4	3,566.36	1/4	3,210.21	1/4	2,852.65	1/4	2,494.90	1/4	2,136.90
1/2	1/2	1/2	1/2	1/2	4,125.79	1/2	3,991.46	1/2	3,855.47	1/2	3,718.99	1/2	3,559.21	1/2	3,202.77	1/2	2,845.20	1/2	2,487.44	1/2	2,129.44
3/4	3/4	3/4	3/4	3/4	4,123.29	3/4	3,988.63	3/4	3,852.63	3/4	3,716.14	3/4	3,552.06	3/4	3,195.32	3/4	2,837.75	3/4	2,479.98	3/4	2,121.98
5		5		5	4,120.52	5	3,985.80	5	3,849.79	5	3,713.30	5	3,544.63	5	3,187.87	5	2,830.30	5	2,472.52	5	2,114.52
1/4	1/4	1/4	1/4	1/4	4,117.75	1/4	3,982.97	1/4	3,846.94	1/4	3,710.46	1/4	3,537.20	1/4	3,180.42	1/4	2,822.85	1/4	2,465.06	1/4	2,107.07
1/2	1/2	1/2	1/2	1/2	4,114.98	1/2	3,980.14	1/2	3,844.10	1/2	3,707.61	1/2	3,529.77	1/2	3,172.97	1/2	2,815.40	1/2	2,457.61	1/2	2,099.61
3/4	3/4	3/4	3/4	3/4	4,112.20	3/4	3,977.31	3/4	3,841.26	3/4	3,704.77	3/4	3,522.34	3/4	3,165.52	3/4	2,807.95	3/4	2,450.15	3/4	2,092.15
6		6		6	4,109.40	6	3,974.48	6	3,838.41	6	3,701.93	6	3,514.91	6	3,158.08	6	2,800.50	6	2,442.69	6	2,084.69
1/4	1/4	1/4	1/4	1/4	4,106.60	1/4	3,971.65	1/4	3,835.57	1/4	3,699.08	1/4	3,507.49	1/4	3,150.63	1/4	2,793.04	1/4	2,435.23	1/4	2,077.23
1/2	1/2	1/2	1/2	1/2	4,103.79	1/2	3,968.83	1/2	3,832.73	1/2	3,696.24	1/2	3,500.06	1/2	3,143.18	1/2	2,785.59	1/2	2,427.77	1/2	2,069.77
3/4	3/4	3/4	3/4	3/4	4,100.99	3/4	3,966.00	3/4	3,829.88	3/4	3,693.40	3/4	3,492.63	3/4	3,135.73	3/4	2,778.14	3/4	2,420.31	3/4	2,062.32
7		7		7	4,098.18	7	3,963.17	7	3,827.04	7	3,690.55	7	3,485.20	7	3,128.28	7	2,770.69	7	2,412.86	7	2,054.86
1/4	1/4	1/4	1/4	1/4	4,095.38	1/4	3,960.34	1/4	3,824.20	1/4	3,687.71	1/4	3,477.77	1/4	3,120.84	1/4	2,763.24	1/4	2,405.40	1/4	2,047.40
1/2	1/2	1/2	1/2	1/2	4,092.57	1/2	3,957.51	1/2	3,821.35	1/2	3,684.86	1/2	3,470.35	1/2	3,113.39	1/2	2,755.79	1/2	2,397.94	1/2	2,039.94
3/4	3/4	3/4	3/4	3/4	4,089.77	3/4	3,954.68	3/4	3,818.51	3/4	3,682.02	3/4	3,462.92	3/4	3,105.94	3/4	2,748.34	3/4	2,390.48	3/4	2,032.48
8		8		8	4,086.97	8	3,951.85	8	3,815.67	8	3,679.18	8	3,455.49	8	3,098.49	8	2,740.89	8	2,383.02	8	2,025.02
1/4	1/4	1/4	1/4	1/4	4,084.16	1/4	3,949.02	1/4	3,812.82	1/4	3,676.33	1/4	3,448.06	1/4	3,091.04	1/4	2,733.44	1/4	2,375.57	1/4	2,017.57
1/2	1/2	1/2	1/2	1/2	4,081.36	1/2	3,946.19	1/2	3,809.98	1/2	3,673.49	1/2	3,440.64	1/2	3,083.59	1/2	2,725.99	1/2	2,368.11	1/2	2,010.11
3/4	3/4	3/4	3/4	3/4	4,078.56	3/4	3,943.36	3/4	3,807.14	3/4	3,670.65	3/4	3,433.21	3/4	3,076.15	3/4	2,718.53	3/4	2,360.65	3/4	2,002.65
9		9		9	4,075.76	9	3,940.54	9	3,804.29	9	3,667.80	9	3,425.78	9	3,068.70	9	2,711.08	9	2,353.19	9	1,995.19
1/4	1/4	1/4	1/4	1/4	4,072.95	1/4	3,937.71	1/4	3,801.45	1/4	3,664.96	1/4	3,418.35	1/4	3,061.25	1/4	2,703.63	1/4	2,345.73	1/4	1,987.73
1/2	1/2	1/2	1/2	1/2	4,070.15	1/2	3,934.88	1/2	3,798.60	1/2	3,662.12	1/2	3,410.93	1/2	3,053.80	1/2	2,696.18	1/2	2,338.27	1/2	1,980.28
3/4	3/4	3/4	3/4	3/4	4,067.35	3/4	3,932.05	3/4	3,795.76	3/4	3,659.27	3/4	3,403.50	3/4	3,046.35	3/4	2,688.73	3/4	2,330.82	3/4	1,972.82
10		10		10	4,064.55	10	3,929.22	10	3,792.92	10	3,656.43	10	3,396.07	10	3,038.90	10	2,681.28	10	2,323.36	10	1,965.36
1/4	1/4	1/4	1/4	1/4	4,061.75	1/4	3,926.39	1/4	3,790.07	1/4	3,653.59	1/4	3,388.64	1/4	3,031.46	1/4	2,673.83	1/4	2,315.90	1/4	1,957.90
1/2	1/2	1/2	1/2	1/2	4,058.95	1/2	3,923.56	1/2	3,787.23	1/2	3,650.74	1/2	3,381.22	1/2	3,024.01	1/2	2,666.38	1/2	2,308.44	1/2	1,950.44
3/4	3/4	3/4	3/4	3/4	4,056.14	3/4	3,920.73	3/4	3,784.39	3/4	3,647.90	3/4	3,373.79	3/4	3,016.56	3/4	2,658.93	3/4	2,300.98	3/4	1,942.98
11		11		11	4,053.34	11	3,917.90	11	3,781.54	11	3,645.06	11	3,366.36	11	3,009.11	11	2,651.48	11	2,293.52	11	1,935.53
1/4	1/4	1/4	1/4	1/4	4,050.54	1/4	3,915.07	1/4	3,778.70	1/4	3,642.21	1/4	3,358.93	1/4	3,001.66	1/4	2,644.02	1/4	2,286.07	1/4	1,928.07
1/2	1/2	1/2	1/2	1/2	4,047.74	1/2	3,912.25	1/2	3,775.86	1/2	3,639.37	1/2	3,351.51	1/2	2,994.21	1/2	2,636.57	1/2	2,278.61	1/2	1,920.61
3/4	3/4	3/4	3/4	3/4	4,044.94	3/4	3,909.42	3/4	3,773.01	3/4	3,636.53	3/4	3,344.08	3/4	2,986.77	3/4	2,629.12	3/4	2,271.15	3/4	1,913.15

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 "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 56'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
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BARGE "KIRBY 30035"

3 STBD ULLAGE TABLE "MMC"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 15'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,905.69	0	1,547.69	0	1,189.70	0	832.23	0	479.87	0	126.16	0		0		0		0	
1/4	1,898.23	1/4	1,540.24	1/4	1,182.24	1/4	824.78	1/4	472.43	1/4	118.90	1/4		1/4		1/4		1/4	
1/2	1,890.78	1/2	1,532.78	1/2	1,174.78	1/2	817.33	1/2	464.98	1/2	111.64	1/2		1/2		1/2		1/2	
3/4	1,883.32	3/4	1,525.32	3/4	1,167.32	3/4	809.87	3/4	457.53	3/4	104.39	3/4		3/4		3/4		3/4	
1	1,875.86	1	1,517.86	1	1,159.86	1	802.42	1	450.08	1	97.07	1		1		1		1	
1/4	1,868.40	1/4	1,510.40	1/4	1,152.40	1/4	794.96	1/4	442.62	1/4	89.76	1/4		1/4		1/4		1/4	
1/2	1,860.94	1/2	1,502.94	1/2	1,144.95	1/2	787.50	1/2	435.16	1/2	82.45	1/2		1/2		1/2		1/2	
3/4	1,853.48	3/4	1,495.49	3/4	1,137.49	3/4	780.04	3/4	427.70	3/4	75.13	3/4		3/4		3/4		3/4	
2	1,846.03	2	1,488.03	2	1,130.03	2	772.59	2	420.24	2	68.25	2		2		2		2	
1/4	1,838.57	1/4	1,480.57	1/4	1,122.58	1/4	765.13	1/4	412.79	1/4	61.37	1/4		1/4		1/4		1/4	
1/2	1,831.11	1/2	1,473.11	1/2	1,115.13	1/2	757.67	1/2	405.33	1/2	54.49	1/2		1/2		1/2		1/2	
3/4	1,823.65	3/4	1,465.65	3/4	1,107.67	3/4	750.21	3/4	397.87	3/4	47.60	3/4		3/4		3/4		3/4	
3	1,816.19	3	1,458.19	3	1,100.22	3	742.75	3	390.41	3	42.07	3		3		3		3	
1/4	1,808.73	1/4	1,450.74	1/4	1,092.77	1/4	735.30	1/4	382.95	1/4	36.54	1/4		1/4		1/4		1/4	
1/2	1,801.28	1/2	1,443.28	1/2	1,085.32	1/2	727.84	1/2	375.50	1/2	31.02	1/2		1/2		1/2		1/2	
3/4	1,793.82	3/4	1,435.82	3/4	1,077.87	3/4	720.38	3/4	368.04	3/4	25.48	3/4		3/4		3/4		3/4	
4	1,786.36	4	1,428.36	4	1,070.42	4	713.04	4	360.58	4		4		4		4		4	
1/4	1,778.90	1/4	1,420.90	1/4	1,062.98	1/4	705.69	1/4	353.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,771.44	1/2	1,413.44	1/2	1,055.53	1/2	698.35	1/2	345.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,763.98	3/4	1,405.99	3/4	1,048.08	3/4	691.00	3/4	338.21	3/4		3/4		3/4		3/4		3/4	
5	1,756.53	5	1,398.53	5	1,040.64	5	683.73	5	330.75	5		5		5		5		5	
1/4	1,749.07	1/4	1,391.07	1/4	1,033.20	1/4	676.46	1/4	323.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,741.61	1/2	1,383.61	1/2	1,025.75	1/2	669.20	1/2	315.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,734.15	3/4	1,376.15	3/4	1,018.31	3/4	661.93	3/4	308.37	3/4		3/4		3/4		3/4		3/4	
6	1,726.69	6	1,368.69	6	1,010.87	6	654.67	6	300.97	6		6		6		6		6	
1/4	1,719.23	1/4	1,361.24	1/4	1,003.43	1/4	647.41	1/4	293.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,711.78	1/2	1,353.78	1/2	995.98	1/2	640.16	1/2	286.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,704.32	3/4	1,346.32	3/4	988.54	3/4	632.90	3/4	278.77	3/4		3/4		3/4		3/4		3/4	
7	1,696.86	7	1,338.86	7	981.10	7	625.64	7	271.46	7		7		7		7		7	
1/4	1,689.40	1/4	1,331.40	1/4	973.65	1/4	618.39	1/4	264.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,681.94	1/2	1,323.94	1/2	966.21	1/2	611.13	1/2	256.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,674.48	3/4	1,316.49	3/4	958.77	3/4	603.87	3/4	249.54	3/4		3/4		3/4		3/4		3/4	
8	1,667.03	8	1,309.03	8	951.32	8	596.62	8	242.28	8		8		8		8		8	
1/4	1,659.57	1/4	1,301.57	1/4	943.88	1/4	589.36	1/4	235.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,652.11	1/2	1,294.11	1/2	936.44	1/2	582.10	1/2	227.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,644.65	3/4	1,286.65	3/4	929.00	3/4	574.85	3/4	220.49	3/4		3/4		3/4		3/4		3/4	
9	1,637.19	9	1,279.19	9	921.55	9	567.59	9	213.24	9		9		9		9		9	
1/4	1,629.74	1/4	1,271.74	1/4	914.11	1/4	560.34	1/4	205.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,622.28	1/2	1,264.28	1/2	906.67	1/2	553.08	1/2	198.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,614.82	3/4	1,256.82	3/4	899.22	3/4	545.82	3/4	191.47	3/4		3/4		3/4		3/4		3/4	
10	1,607.36	10	1,249.36	10	891.78	10	538.57	10	184.21	10		10		10		10		10	
1/4	1,599.90	1/4	1,241.90	1/4	884.34	1/4	531.31	1/4	176.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,592.44	1/2	1,234.45	1/2	876.89	1/2	524.05	1/2	169.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,584.99	3/4	1,226.99	3/4	869.45	3/4	516.80	3/4	162.44	3/4		3/4		3/4		3/4		3/4	
11	1,577.53	11	1,219.53	11	862.01	11	509.43	11	155.18	11		11		11		11		11	
1/4	1,570.07	1/4	1,212.07	1/4	854.57	1/4	502.06	1/4	147.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,562.61	1/2	1,204.61	1/2	847.12	1/2	494.69	1/2	140.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,555.15	3/4	1,197.15	3/4	839.68	3/4	487.32	3/4	133.41	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2012 CL - SW
RECALCULATED: 04/12/2022 PMA
NAME CHANGE: 04/12/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2022

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



BARGE "KIRBY 30035"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 4'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	100	0	257	0	413	0	513	0		0		0		0		0	
1/4	1	1/4	103	1/4	260	1/4	416	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	106	1/2	263	1/2	419	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	109	3/4	267	3/4	422	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	112	1	270	1	424	1		1		1		1		1		1	
1/4	4	1/4	115	1/4	274	1/4	427	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	118	1/2	277	1/2	430	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	121	3/4	280	3/4	433	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	124	2	284	2	436	2		2		2		2		2		2	
1/4	9	1/4	128	1/4	287	1/4	438	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	131	1/2	291	1/2	441	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	134	3/4	294	3/4	444	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	137	3	297	3	446	3		3		3		3		3		3	
1/4	15	1/4	140	1/4	301	1/4	449	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	143	1/2	304	1/2	452	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	147	3/4	307	3/4	454	3/4		3/4		3/4		3/4		3/4		3/4	
4	20	4	150	4	311	4	457	4		4		4		4		4		4	
1/4	22	1/4	153	1/4	314	1/4	459	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	156	1/2	317	1/2	462	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26	3/4	159	3/4	321	3/4	464	3/4		3/4		3/4		3/4		3/4		3/4	
5	28	5	163	5	324	5	467	5		5		5		5		5		5	
1/4	31	1/4	166	1/4	327	1/4	469	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	169	1/2	331	1/2	471	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	172	3/4	334	3/4	474	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	176	6	337	6	476	6		6		6		6		6		6	
1/4	39	1/4	179	1/4	341	1/4	478	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	182	1/2	344	1/2	480	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	186	3/4	347	3/4	483	3/4		3/4		3/4		3/4		3/4		3/4	
7	46	7	189	7	350	7	485	7		7		7		7		7		7	
1/4	49	1/4	192	1/4	354	1/4	487	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	196	1/2	357	1/2	489	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	199	3/4	360	3/4	491	3/4		3/4		3/4		3/4		3/4		3/4	
8	56	8	202	8	363	8	493	8		8		8		8		8		8	
1/4	59	1/4	206	1/4	367	1/4	494	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	209	1/2	370	1/2	496	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	212	3/4	373	3/4	498	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	216	9	376	9	500	9		9		9		9		9		9	
1/4	69	1/4	219	1/4	379	1/4	501	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	223	1/2	382	1/2	503	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	226	3/4	385	3/4	504	3/4		3/4		3/4		3/4		3/4		3/4	
10	77	10	229	10	389	10	506	10		10		10		10		10		10	
1/4	80	1/4	233	1/4	392	1/4	507	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	83	1/2	236	1/2	395	1/2	508	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	86	3/4	240	3/4	398	3/4	509	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	243	11	401	11	510	11		11		11		11		11		11	
1/4	92	1/4	246	1/4	404	1/4	511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	250	1/2	407	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	97	3/4	253	3/4	410	3/4	512	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 TAKEN AT 2" DIAMETER STANDPIPE.

STRAPPED: 07/30/2012 CL - SW
 RECALCULATED: 04/08/2022 PMA
 NAME CHANGE: 04/08/2022 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 04/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 30035"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "SMS 30034"

GAUGE HEIGHT 6'-10"

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	1,223	0	2,446	0	3,670	0	4,893	0	6,116	0	7,339	0		0		0	
1/4	25	1/4	1,249	1/4	2,472	1/4	3,695	1/4	4,918	1/4	6,142	1/4	7,365	1/4		1/4		1/4	
1/2	51	1/2	1,274	1/2	2,497	1/2	3,721	1/2	4,944	1/2	6,167	1/2	7,390	1/2		1/2		1/2	
3/4	76	3/4	1,300	3/4	2,523	3/4	3,746	3/4	4,969	3/4	6,193	3/4	7,416	3/4		3/4		3/4	
1	102	1	1,325	1	2,548	1	3,772	1	4,995	1	6,218	1	7,441	1		1		1	
1/4	127	1/4	1,351	1/4	2,574	1/4	3,797	1/4	5,020	1/4	6,244	1/4	7,467	1/4		1/4		1/4	
1/2	153	1/2	1,376	1/2	2,599	1/2	3,823	1/2	5,046	1/2	6,269	1/2	7,492	1/2		1/2		1/2	
3/4	178	3/4	1,402	3/4	2,625	3/4	3,848	3/4	5,071	3/4	6,294	3/4	7,518	3/4		3/4		3/4	
2	204	2	1,427	2	2,650	2	3,874	2	5,097	2	6,320	2	7,543	2		2		2	
1/4	229	1/4	1,453	1/4	2,676	1/4	3,899	1/4	5,122	1/4	6,345	1/4		1/4		1/4		1/4	
1/2	255	1/2	1,478	1/2	2,701	1/2	3,925	1/2	5,148	1/2	6,371	1/2		1/2		1/2		1/2	
3/4	280	3/4	1,504	3/4	2,727	3/4	3,950	3/4	5,173	3/4	6,396	3/4		3/4		3/4		3/4	
3	306	3	1,529	3	2,752	3	3,975	3	5,199	3	6,422	3		3		3		3	
1/4	331	1/4	1,555	1/4	2,778	1/4	4,001	1/4	5,224	1/4	6,447	1/4		1/4		1/4		1/4	
1/2	357	1/2	1,580	1/2	2,803	1/2	4,026	1/2	5,250	1/2	6,473	1/2		1/2		1/2		1/2	
3/4	382	3/4	1,605	3/4	2,829	3/4	4,052	3/4	5,275	3/4	6,498	3/4		3/4		3/4		3/4	
4	408	4	1,631	4	2,854	4	4,077	4	5,301	4	6,524	4		4		4		4	
1/4	433	1/4	1,656	1/4	2,880	1/4	4,103	1/4	5,326	1/4	6,549	1/4		1/4		1/4		1/4	
1/2	459	1/2	1,682	1/2	2,905	1/2	4,128	1/2	5,352	1/2	6,575	1/2		1/2		1/2		1/2	
3/4	484	3/4	1,707	3/4	2,931	3/4	4,154	3/4	5,377	3/4	6,600	3/4		3/4		3/4		3/4	
5	510	5	1,733	5	2,956	5	4,179	5	5,403	5	6,626	5		5		5		5	
1/4	535	1/4	1,758	1/4	2,982	1/4	4,205	1/4	5,428	1/4	6,651	1/4		1/4		1/4		1/4	
1/2	561	1/2	1,784	1/2	3,007	1/2	4,230	1/2	5,454	1/2	6,677	1/2		1/2		1/2		1/2	
3/4	586	3/4	1,809	3/4	3,033	3/4	4,256	3/4	5,479	3/4	6,702	3/4		3/4		3/4		3/4	
6	612	6	1,835	6	3,058	6	4,281	6	5,505	6	6,728	6		6		6		6	
1/4	637	1/4	1,860	1/4	3,084	1/4	4,307	1/4	5,530	1/4	6,753	1/4		1/4		1/4		1/4	
1/2	663	1/2	1,886	1/2	3,109	1/2	4,332	1/2	5,555	1/2	6,779	1/2		1/2		1/2		1/2	
3/4	688	3/4	1,911	3/4	3,135	3/4	4,358	3/4	5,581	3/4	6,804	3/4		3/4		3/4		3/4	
7	714	7	1,937	7	3,160	7	4,383	7	5,606	7	6,830	7		7		7		7	
1/4	739	1/4	1,962	1/4	3,185	1/4	4,409	1/4	5,632	1/4	6,855	1/4		1/4		1/4		1/4	
1/2	765	1/2	1,988	1/2	3,211	1/2	4,434	1/2	5,657	1/2	6,881	1/2		1/2		1/2		1/2	
3/4	790	3/4	2,013	3/4	3,236	3/4	4,460	3/4	5,683	3/4	6,906	3/4		3/4		3/4		3/4	
8	815	8	2,039	8	3,262	8	4,485	8	5,708	8	6,932	8		8		8		8	
1/4	841	1/4	2,064	1/4	3,287	1/4	4,511	1/4	5,734	1/4	6,957	1/4		1/4		1/4		1/4	
1/2	866	1/2	2,090	1/2	3,313	1/2	4,536	1/2	5,759	1/2	6,983	1/2		1/2		1/2		1/2	
3/4	892	3/4	2,115	3/4	3,338	3/4	4,562	3/4	5,785	3/4	7,008	3/4		3/4		3/4		3/4	
9	917	9	2,141	9	3,364	9	4,587	9	5,810	9	7,034	9		9		9		9	
1/4	943	1/4	2,166	1/4	3,389	1/4	4,613	1/4	5,836	1/4	7,059	1/4		1/4		1/4		1/4	
1/2	968	1/2	2,192	1/2	3,415	1/2	4,638	1/2	5,861	1/2	7,084	1/2		1/2		1/2		1/2	
3/4	994	3/4	2,217	3/4	3,440	3/4	4,664	3/4	5,887	3/4	7,110	3/4		3/4		3/4		3/4	
10	1,019	10	2,243	10	3,466	10	4,689	10	5,912	10	7,135	10		10		10		10	
1/4	1,045	1/4	2,268	1/4	3,491	1/4	4,715	1/4	5,938	1/4	7,161	1/4		1/4		1/4		1/4	
1/2	1,070	1/2	2,294	1/2	3,517	1/2	4,740	1/2	5,963	1/2	7,186	1/2		1/2		1/2		1/2	
3/4	1,096	3/4	2,319	3/4	3,542	3/4	4,765	3/4	5,989	3/4	7,212	3/4		3/4		3/4		3/4	
11	1,121	11	2,345	11	3,568	11	4,791	11	6,014	11	7,237	11		11		11		11	
1/4	1,147	1/4	2,370	1/4	3,593	1/4	4,816	1/4	6,040	1/4	7,263	1/4		1/4		1/4		1/4	
1/2	1,172	1/2	2,395	1/2	3,619	1/2	4,842	1/2	6,065	1/2	7,288	1/2		1/2		1/2		1/2	
3/4	1,198	3/4	2,421	3/4	3,644	3/4	4,867	3/4	6,091	3/4	7,314	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 TAKEN AT 2" DIAMETER STANDPIPE.

STRAPPED: 07/30/2012 CL - SW
RECALCULATED: 04/12/2022 PMA
NAME CHANGE: 04/12/2022 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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