



BARGE "KIRBY 10381"

ULLAGE TRIM TABLE

FORMERLY "S/R 116"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

LENGTH BETWEEN DRAFT MARKS: 156'-00"

March 27, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

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

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



BARGE "KIRBY 10381"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09"

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	IN		0	IN		0	IN		0	IN		0			
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
		3,506.65			3,331.85			3,101.00			2,870.15			2,639.31			2,394.11			2,145.37			1,896.23			1,647.09			1,397.95			1,148.81			899.67			650.53			401.39			
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
		3,506.02			3,327.04			3,096.19			2,865.34			2,634.50			2,388.93			2,140.19			1,891.45			1,642.71			1,393.97			1,145.23			896.49			647.75			399.01			
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
		3,505.17			3,322.24			3,091.38			2,860.53			2,629.69			2,383.75			2,135.01			1,886.27			1,637.53			1,388.79			1,140.05			891.31			642.57			393.83			
1			1			1			1			1			1			1			1			1			1			1			1			1			1			1		
		3,504.09			3,317.43			3,086.57			2,855.72			2,624.88			2,378.57			2,129.83			1,881.09			1,632.35			1,383.61			1,134.87			886.13			637.39			385.95			
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4					
		3,503.02			3,312.62			3,081.76			2,850.91			2,620.07			2,373.38			2,124.64			1,875.90			1,627.16			1,378.42			1,129.68			880.94			632.20			381.42			
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2					
		3,501.94			3,307.81			3,076.95			2,846.10			2,615.26			2,368.20			2,119.46			1,871.72			1,622.98			1,374.94			1,126.20			876.46			627.72			377.94			
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
		3,500.53			3,303.00			3,072.15			2,841.30			2,610.20			2,363.02			2,114.28			1,866.54			1,617.80			1,370.06			1,121.32			871.98			623.26			373.46			
2			2			2			2			2			2			2			2			2			2			2			2			2			2			2		
		3,498.79			3,298.19			3,067.34			2,836.49			2,604.89			2,357.84			2,109.10			1,861.36			1,612.62			1,364.88			1,116.14			867.40			619.02			369.98			
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4					
		3,497.05			3,293.38			3,062.53			2,831.68			2,599.58			2,352.65			2,103.91			1,856.17			1,607.43			1,359.69			1,110.95			862.97			614.54			365.52			
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2					
		3,495.31			3,288.57			3,057.72			2,826.87			2,594.27			2,347.47			2,098.73			1,851.99			1,603.25			1,355.21			1,106.47			858.73			610.10			361.06			
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
		3,493.24			3,283.76			3,052.91			2,822.06			2,589.28			2,342.29			2,093.55			1,846.81			1,598.07			1,350.33			1,101.59			854.25			605.68			356.64			
3			3			3			3			3			3			3			3			3			3			3			3			3			3			3		
		3,490.83			3,278.95			3,048.10			2,817.25			2,584.60			2,337.11			2,088.37			1,841.63			1,592.89			1,344.15			1,092.81			849.77			601.30			352.19			
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4					
		3,488.43			3,274.14			3,043.29			2,812.44			2,579.91			2,331.92			2,083.18			1,836.44			1,587.70			1,339.21			1,089.13			845.29			600.00			347.76			
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2					
		3,486.02			3,269.33			3,038.48			2,807.63			2,575.23			2,326.74			2,078.00			1,831.26			1,582.52			1,334.73			1,084.65			840.77			595.82			343.31			
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
		3,483.29			3,264.52			3,033.67			2,802.82			2,570.30			2,321.56			2,072.82			1,826.08			1,577.78			1,329.99			1,079.97			836.35			591.36			338.85			
4			4			4			4			4			4			4			4			4			4			4			4			4			4			4		
		3,480.22			3,259.71			3,028.86			2,798.01			2,565.12			2,316.38			2,067.64			1,820.90			1,572.16			1,325.21			1,075.02			831.90			586.90			334.39			
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4					
		3,477.15			3,254.90			3,024.05			2,793.20			2,559.93			2,311.20			2,062.45			1,816.71			1,567.41			1,320.26			1,070.17			827.44			582.44			329.93			
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2					
		3,474.08			3,250.09			3,019.24			2,788.39			2,554.75			2,306.02			2,057.27			1,811.53			1,562.23			1,315.31			1,065.23			822.98			577.98			325.47			
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
		3,470.68			3,245.29			3,014.43			2,783.58			2,549.57			2,300.84			2,052.09			1,807.35			1,557.31			1,310.38			1,060.30			818.52			573.52			321.01			
5			5			5			5			5			5			5			5			5			5			5			5			5			5			5		
		3,466.95			3,240.48			3,009.62			2,778.77			2,544.39			2,295.66			2,046.91			1,802.17			1,552.31			1,305.38			1,055.30			814.06			569.06			316.55			
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4					
		3,463.22			3,235.67			3,004.81			2,773.96			2,539.20			2,290.47			2,041.72			1,797.98			1,547.41			1,300.45			1,050.37			809.60			564.60			312.09			
1/2			1/2			1/2																																						



BARGE "KIRBY 10381"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,901.80	0	1,653.03	0	1,404.28	0	1,155.53	0	906.77	0	658.22	0	409.79	0	161.00	0		0	
1/4	1,896.61	1/4	1,647.84	1/4	1,399.09	1/4	1,150.34	1/4	901.58	1/4	653.05	1/4	404.58	1/4	155.83	1/4		1/4	
1/2	1,891.43	1/2	1,642.66	1/2	1,393.91	1/2	1,145.16	1/2	896.40	1/2	647.88	1/2	399.37	1/2	150.65	1/2		1/2	
3/4	1,886.25	3/4	1,637.48	3/4	1,388.73	3/4	1,139.98	3/4	891.22	3/4	642.70	3/4	394.18	3/4	145.47	3/4		3/4	
1	1,881.07	1	1,632.30	1	1,383.55	1	1,134.80	1	886.04	1	637.53	1	389.00	1	140.30	1		1	
1/4	1,875.88	1/4	1,627.11	1/4	1,378.36	1/4	1,129.61	1/4	880.86	1/4	632.36	1/4	383.81	1/4	135.12	1/4		1/4	
1/2	1,870.70	1/2	1,621.93	1/2	1,373.18	1/2	1,124.43	1/2	875.68	1/2	627.19	1/2	378.63	1/2	129.95	1/2		1/2	
3/4	1,865.52	3/4	1,616.75	3/4	1,368.00	3/4	1,119.25	3/4	870.50	3/4	622.02	3/4	373.45	3/4	124.77	3/4		3/4	
2	1,860.34	2	1,611.57	2	1,362.82	2	1,114.07	2	865.32	2	616.85	2	368.27	2	119.59	2		2	
1/4	1,855.15	1/4	1,606.38	1/4	1,357.63	1/4	1,108.88	1/4	860.13	1/4	611.68	1/4	363.08	1/4	114.42	1/4		1/4	
1/2	1,849.97	1/2	1,601.20	1/2	1,352.45	1/2	1,103.70	1/2	854.95	1/2	606.51	1/2	357.90	1/2	109.24	1/2		1/2	
3/4	1,844.79	3/4	1,596.02	3/4	1,347.27	3/4	1,098.52	3/4	849.77	3/4	601.33	3/4	352.72	3/4	104.06	3/4		3/4	
3	1,839.61	3	1,590.84	3	1,342.09	3	1,093.34	3	844.59	3	596.16	3	347.54	3	98.89	3		3	
1/4	1,834.42	1/4	1,585.65	1/4	1,336.90	1/4	1,088.15	1/4	839.40	1/4	590.99	1/4	342.35	1/4	93.71	1/4		1/4	
1/2	1,829.24	1/2	1,580.47	1/2	1,331.72	1/2	1,082.97	1/2	834.22	1/2	585.82	1/2	337.17	1/2	88.54	1/2		1/2	
3/4	1,824.06	3/4	1,575.29	3/4	1,326.54	3/4	1,077.79	3/4	829.04	3/4	580.66	3/4	331.99	3/4	83.36	3/4		3/4	
4	1,818.88	4	1,570.11	4	1,321.36	4	1,072.61	4	823.86	4	575.51	4	326.81	4	78.18	4		4	
1/4	1,813.69	1/4	1,564.93	1/4	1,316.17	1/4	1,067.42	1/4	818.67	1/4	570.36	1/4	321.62	1/4	73.00	1/4		1/4	
1/2	1,808.51	1/2	1,559.75	1/2	1,310.99	1/2	1,062.24	1/2	813.49	1/2	565.21	1/2	316.44	1/2	67.82	1/2		1/2	
3/4	1,803.33	3/4	1,554.57	3/4	1,305.81	3/4	1,057.06	3/4	808.31	3/4	560.02	3/4	311.26	3/4	62.64	3/4		3/4	
5	1,798.15	5	1,549.39	5	1,300.63	5	1,051.88	5	803.13	5	554.77	5	306.08	5	57.46	5		5	
1/4	1,792.96	1/4	1,544.20	1/4	1,295.44	1/4	1,046.69	1/4	797.94	1/4	549.52	1/4	300.90	1/4	52.28	1/4		1/4	
1/2	1,787.78	1/2	1,539.02	1/2	1,290.26	1/2	1,041.51	1/2	792.76	1/2	544.27	1/2	295.72	1/2	47.10	1/2		1/2	
3/4	1,782.60	3/4	1,533.84	3/4	1,285.08	3/4	1,036.33	3/4	787.58	3/4	539.09	3/4	290.54	3/4	42.00	3/4		3/4	
6	1,777.42	6	1,528.66	6	1,279.90	6	1,031.15	6	782.40	6	533.96	6	285.36	6	36.98	6		6	
1/4	1,772.23	1/4	1,523.47	1/4	1,274.72	1/4	1,025.96	1/4	777.21	1/4	528.83	1/4	280.17	1/4	31.95	1/4		1/4	
1/2	1,767.05	1/2	1,518.29	1/2	1,269.54	1/2	1,020.78	1/2	772.03	1/2	523.70	1/2	274.99	1/2	26.93	1/2		1/2	
3/4	1,761.87	3/4	1,513.11	3/4	1,264.36	3/4	1,015.60	3/4	766.85	3/4	518.54	3/4	269.81	3/4	22.59	3/4		3/4	
7	1,756.68	7	1,507.93	7	1,259.18	7	1,010.42	7	761.67	7	513.36	7	264.63	7	18.92	7		7	
1/4	1,751.50	1/4	1,502.74	1/4	1,253.99	1/4	1,005.23	1/4	756.49	1/4	508.17	1/4	259.44	1/4	15.25	1/4		1/4	
1/2	1,746.31	1/2	1,497.56	1/2	1,248.81	1/2	1,000.05	1/2	751.31	1/2	502.99	1/2	254.26	1/2	11.58	1/2		1/2	
3/4	1,741.13	3/4	1,492.38	3/4	1,243.63	3/4	994.87	3/4	746.13	3/4	497.81	3/4	249.08	3/4	8.77	3/4		3/4	
8	1,735.95	8	1,487.20	8	1,238.45	8	989.69	8	740.96	8	492.63	8	243.90	8	6.83	8		8	
1/4	1,730.76	1/4	1,482.01	1/4	1,233.26	1/4	984.50	1/4	735.79	1/4	487.45	1/4	238.71	1/4	4.88	1/4		1/4	
1/2	1,725.58	1/2	1,476.83	1/2	1,228.08	1/2	979.32	1/2	730.62	1/2	482.27	1/2	233.53	1/2	2.94	1/2		1/2	
3/4	1,720.40	3/4	1,471.65	3/4	1,222.90	3/4	974.14	3/4	725.45	3/4	477.09	3/4	228.35	3/4	1.59	3/4		3/4	
9	1,715.22	9	1,466.47	9	1,217.72	9	968.96	9	720.28	9	471.91	9	223.17	9	0.84	9		9	
1/4	1,710.03	1/4	1,461.28	1/4	1,212.53	1/4	963.77	1/4	715.11	1/4	466.72	1/4	217.98	1/4		1/4		1/4	
1/2	1,704.85	1/2	1,456.10	1/2	1,207.35	1/2	958.59	1/2	709.94	1/2	461.54	1/2	212.80	1/2		1/2		1/2	
3/4	1,699.67	3/4	1,450.92	3/4	1,202.17	3/4	953.41	3/4	704.76	3/4	456.36	3/4	207.62	3/4		3/4		3/4	
10	1,694.48	10	1,445.74	10	1,196.99	10	948.23	10	699.59	10	451.18	10	202.44	10		10		10	
1/4	1,689.30	1/4	1,440.55	1/4	1,191.80	1/4	943.04	1/4	694.42	1/4	445.99	1/4	197.25	1/4		1/4		1/4	
1/2	1,684.11	1/2	1,435.37	1/2	1,186.62	1/2	937.86	1/2	689.25	1/2	440.81	1/2	192.07	1/2		1/2		1/2	
3/4	1,678.93	3/4	1,430.19	3/4	1,181.44	3/4	932.68	3/4	684.07	3/4	435.64	3/4	186.89	3/4		3/4		3/4	
11	1,673.75	11	1,425.01	11	1,176.26	11	927.50	11	678.90	11	430.49	11	181.71	11		11		11	
1/4	1,668.57	1/4	1,419.82	1/4	1,171.07	1/4	922.31	1/4	673.73	1/4	425.33	1/4	176.54	1/4		1/4		1/4	
1/2	1,663.39	1/2	1,414.64	1/2	1,165.89	1/2	917.13	1/2	668.56	1/2	420.18	1/2	171.36	1/2		1/2		1/2	
3/4	1,658.21	3/4	1,409.46	3/4	1,160.71	3/4	911.95	3/4	663.39	3/4	415.00	3/4	166.18	3/4		3/4		3/4	

STRAPPED: 12/29/1999 ITS
RECALCULATED: 03/31/2020 SW
REPRINTED: 03/31/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

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 10381"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09 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	
0		0		0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 10381"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,917.21	0	1,668.47	0	1,419.73	0	1,170.99	0	922.26	0	673.69	0	425.24	0	176.52	0		0	
1/4	1,912.03	1/4	1,663.29	1/4	1,414.55	1/4	1,165.81	1/4	917.08	1/4	668.52	1/4	420.06	1/4	171.35	1/4		1/4	
1/2	1,906.84	1/2	1,658.10	1/2	1,409.36	1/2	1,160.63	1/2	911.89	1/2	663.34	1/2	414.87	1/2	166.17	1/2		1/2	
3/4	1,901.66	3/4	1,652.92	3/4	1,404.18	3/4	1,155.45	3/4	906.71	3/4	658.17	3/4	409.69	3/4	160.99	3/4		3/4	
1	1,896.48	1	1,647.74	1	1,399.00	1	1,150.27	1	901.53	1	653.00	1	404.51	1	155.82	1		1	
1/4	1,891.30	1/4	1,642.56	1/4	1,393.82	1/4	1,145.09	1/4	896.35	1/4	647.83	1/4	399.33	1/4	150.64	1/4		1/4	
1/2	1,886.12	1/2	1,637.37	1/2	1,388.63	1/2	1,139.90	1/2	891.16	1/2	642.66	1/2	394.15	1/2	145.47	1/2		1/2	
3/4	1,880.94	3/4	1,632.19	3/4	1,383.45	3/4	1,134.72	3/4	885.98	3/4	637.49	3/4	388.97	3/4	140.29	3/4		3/4	
2	1,875.76	2	1,627.01	2	1,378.27	2	1,129.54	2	880.80	2	632.32	2	383.79	2	135.12	2		2	
1/4	1,870.58	1/4	1,621.83	1/4	1,373.09	1/4	1,124.36	1/4	875.62	1/4	627.15	1/4	378.61	1/4	129.94	1/4		1/4	
1/2	1,865.39	1/2	1,616.64	1/2	1,367.91	1/2	1,119.17	1/2	870.43	1/2	621.97	1/2	373.42	1/2	124.77	1/2		1/2	
3/4	1,860.21	3/4	1,611.46	3/4	1,362.73	3/4	1,113.99	3/4	865.25	3/4	616.80	3/4	368.24	3/4	119.59	3/4		3/4	
3	1,855.03	3	1,606.28	3	1,357.55	3	1,108.81	3	860.07	3	611.63	3	363.06	3	114.41	3		3	
1/4	1,849.85	1/4	1,601.10	1/4	1,352.37	1/4	1,103.63	1/4	854.89	1/4	606.46	1/4	357.88	1/4	109.24	1/4		1/4	
1/2	1,844.66	1/2	1,595.91	1/2	1,347.18	1/2	1,098.44	1/2	849.70	1/2	601.29	1/2	352.69	1/2	104.06	1/2		1/2	
3/4	1,839.48	3/4	1,590.73	3/4	1,342.00	3/4	1,093.26	3/4	844.52	3/4	596.12	3/4	347.51	3/4	98.88	3/4		3/4	
4	1,834.30	4	1,585.55	4	1,336.82	4	1,088.08	4	839.34	4	590.95	4	342.33	4	93.71	4		4	
1/4	1,829.12	1/4	1,580.37	1/4	1,331.64	1/4	1,082.90	1/4	834.16	1/4	585.78	1/4	337.15	1/4	88.53	1/4		1/4	
1/2	1,823.94	1/2	1,575.18	1/2	1,326.45	1/2	1,077.71	1/2	828.98	1/2	580.60	1/2	331.97	1/2	83.36	1/2		1/2	
3/4	1,818.76	3/4	1,570.00	3/4	1,321.27	3/4	1,072.53	3/4	823.80	3/4	575.43	3/4	326.79	3/4	78.18	3/4		3/4	
5	1,813.58	5	1,564.82	5	1,316.09	5	1,067.35	5	818.62	5	570.26	5	321.61	5	73.00	5		5	
1/4	1,808.39	1/4	1,559.64	1/4	1,310.91	1/4	1,062.17	1/4	813.44	1/4	565.09	1/4	316.43	1/4	67.82	1/4		1/4	
1/2	1,803.21	1/2	1,554.46	1/2	1,305.72	1/2	1,056.99	1/2	808.25	1/2	559.92	1/2	311.24	1/2	62.64	1/2		1/2	
3/4	1,798.02	3/4	1,549.28	3/4	1,300.54	3/4	1,051.81	3/4	803.07	3/4	554.75	3/4	306.06	3/4	57.46	3/4		3/4	
6	1,792.84	6	1,544.10	6	1,295.36	6	1,046.63	6	797.89	6	549.57	6	300.88	6	52.28	6		6	
1/4	1,787.66	1/4	1,538.92	1/4	1,290.18	1/4	1,041.45	1/4	792.71	1/4	544.40	1/4	295.70	1/4	47.10	1/4		1/4	
1/2	1,782.47	1/2	1,533.73	1/2	1,284.99	1/2	1,036.26	1/2	787.52	1/2	539.22	1/2	290.51	1/2	41.91	1/2		1/2	
3/4	1,777.29	3/4	1,528.55	3/4	1,279.81	3/4	1,031.08	3/4	782.34	3/4	534.04	3/4	285.33	3/4	36.73	3/4		3/4	
7	1,772.11	7	1,523.37	7	1,274.63	7	1,025.90	7	777.16	7	528.86	7	280.15	7	32.07	7		7	
1/4	1,766.93	1/4	1,518.19	1/4	1,269.45	1/4	1,020.72	1/4	771.98	1/4	523.68	1/4	274.97	1/4	27.42	1/4		1/4	
1/2	1,761.74	1/2	1,513.00	1/2	1,264.27	1/2	1,015.53	1/2	766.79	1/2	518.50	1/2	269.79	1/2	22.76	1/2		1/2	
3/4	1,756.56	3/4	1,507.82	3/4	1,259.09	3/4	1,010.35	3/4	761.61	3/4	513.32	3/4	264.61	3/4	18.10	3/4		3/4	
8	1,751.38	8	1,502.64	8	1,253.91	8	1,005.17	8	756.44	8	508.14	8	259.43	8	15.08	8		8	
1/4	1,746.20	1/4	1,497.46	1/4	1,248.73	1/4	999.99	1/4	751.26	1/4	502.96	1/4	254.25	1/4	12.06	1/4		1/4	
1/2	1,741.01	1/2	1,492.27	1/2	1,243.54	1/2	994.80	1/2	746.09	1/2	497.78	1/2	249.06	1/2	9.04	1/2		1/2	
3/4	1,735.83	3/4	1,487.09	3/4	1,238.36	3/4	989.62	3/4	740.91	3/4	492.60	3/4	243.88	3/4	6.02	3/4		3/4	
9	1,730.65	9	1,481.91	9	1,233.18	9	984.44	9	735.74	9	487.42	9	238.70	9	4.73	9		9	
1/4	1,725.47	1/4	1,476.73	1/4	1,228.00	1/4	979.26	1/4	730.57	1/4	482.24	1/4	233.52	1/4	3.43	1/4		1/4	
1/2	1,720.28	1/2	1,471.55	1/2	1,222.81	1/2	974.07	1/2	725.40	1/2	477.05	1/2	228.33	1/2	2.14	1/2		1/2	
3/4	1,715.10	3/4	1,466.37	3/4	1,217.63	3/4	968.89	3/4	720.23	3/4	471.87	3/4	223.15	3/4	0.84	3/4		3/4	
10	1,709.92	10	1,461.19	10	1,212.45	10	963.71	10	715.06	10	466.69	10	217.97	10		10		10	
1/4	1,704.74	1/4	1,456.01	1/4	1,207.27	1/4	958.53	1/4	709.89	1/4	461.52	1/4	212.79	1/4		1/4		1/4	
1/2	1,699.56	1/2	1,450.82	1/2	1,202.08	1/2	953.35	1/2	704.71	1/2	456.34	1/2	207.61	1/2		1/2		1/2	
3/4	1,694.38	3/4	1,445.64	3/4	1,196.90	3/4	948.17	3/4	699.54	3/4	451.16	3/4	202.43	3/4		3/4		3/4	
11	1,689.20	11	1,440.46	11	1,191.72	11	942.99	11	694.37	11	445.98	11	197.25	11		11		11	
1/4	1,684.02	1/4	1,435.28	1/4	1,186.54	1/4	937.81	1/4	689.20	1/4	440.79	1/4	192.07	1/4		1/4		1/4	
1/2	1,678.83	1/2	1,430.09	1/2	1,181.35	1/2	932.62	1/2	684.03	1/2	435.61	1/2	186.88	1/2		1/2		1/2	
3/4	1,673.65	3/4	1,424.91	3/4	1,176.17	3/4	927.44	3/4	678.86	3/4	430.42	3/4	181.70	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/29/1999 ITS
RECALCULATED: 03/31/2020 SW
REPRINTED: 03/31/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 10381"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.								
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT							
	0		0		0		0		3,404.04		0		3,154.91		0		2,905.79		0							
1/4		1/4		1/4		1/2		3,584.89	1/4		3,398.85	1/4		3,149.72	1/4		2,900.60	1/4		2,656.73	1/4		2,407.66	1/4		2,158.60
1/2		1/2		1/2		1/2		3,584.53	1/2		3,393.66	1/2		3,144.53	1/2		2,895.41	1/2		2,646.35	1/2		2,397.28	1/2		2,148.22
3/4		3/4		3/4		3/4		3,583.82	3/4		3,388.47	3/4		3,139.34	3/4		2,890.22	3/4		2,641.16	3/4		2,392.09	3/4		2,143.03
1		1		1		1		3,582.83	1		3,383.28	1		3,134.14	1		2,885.03	1		2,635.97	1		2,386.91	1		2,137.84
1/4		1/4		1/4		1/4		3,581.58	1/4		3,378.09	1/4		3,128.95	1/4		2,879.84	1/4		2,630.78	1/4		2,381.72	1/4		2,132.65
1/2		1/2		1/2		1/2		3,580.33	1/2		3,372.90	1/2		3,123.76	1/2		2,874.65	1/2		2,625.59	1/2		2,376.53	1/2		2,127.46
3/4		3/4		3/4		3/4		3,579.08	3/4		3,367.71	3/4		3,118.57	3/4		2,869.46	3/4		2,620.40	3/4		2,371.34	3/4		2,122.27
2		2		2		2		3,577.47	2		3,362.52	2		3,113.38	2		2,864.28	2		2,615.21	2		2,366.15	2		2,117.08
1/4		1/4		1/4		1/4		3,575.50	1/4		3,357.33	1/4		3,108.19	1/4		2,859.09	1/4		2,610.02	1/4		2,360.96	1/4		2,111.89
1/2		1/2		1/2		1/2		3,573.53	1/2		3,352.14	1/2		3,103.00	1/2		2,853.90	1/2		2,604.83	1/2		2,355.77	1/2		2,106.70
3/4		3/4		3/4		3/4		3,571.56	3/4		3,346.95	3/4		3,097.81	3/4		2,848.71	3/4		2,599.64	3/4		2,350.58	3/4		2,101.51
3		3		3		3		3,569.24	3		3,341.77	3		3,092.62	3		2,843.52	3		2,594.46	3		2,345.40	3		2,096.32
1/4		1/4		1/4		1/4		3,566.55	1/4		3,336.60	1/4		3,087.43	1/4		2,838.33	1/4		2,589.27	1/4		2,340.21	1/4		2,091.13
1/2		1/2		1/2		1/2		3,563.87	1/2		3,331.44	1/2		3,082.24	1/2		2,833.13	1/2		2,584.08	1/2		2,335.02	1/2		2,085.94
3/4		3/4		3/4		3/4		3,561.18	3/4		3,326.27	3/4		3,077.05	3/4		2,827.94	3/4		2,578.89	3/4		2,329.83	3/4		2,080.75
4		4		4		4		3,558.14	4		3,321.08	4		3,071.86	4		2,822.75	4		2,573.70	4		2,324.64	4		2,075.56
1/4		1/4		1/4		1/4		3,554.74	1/4		3,315.87	1/4		3,066.67	1/4		2,817.57	1/4		2,568.51	1/4		2,319.45	1/4		2,070.37
1/2		1/2		1/2		1/2		3,551.34	1/2		3,310.65	1/2		3,061.48	1/2		2,812.38	1/2		2,563.32	1/2		2,314.26	1/2		2,065.18
3/4		3/4		3/4		3/4		3,547.94	3/4		3,305.44	3/4		3,056.29	3/4		2,807.20	3/4		2,558.13	3/4		2,309.07	3/4		2,059.99
5		5		5		5		3,544.18	5		3,300.24	5		3,051.10	5		2,802.02	5		2,552.95	5		2,303.89	5		2,054.81
1/4		1/4		1/4		1/4		3,540.06	1/4		3,295.05	1/4		3,045.91	1/4		2,796.83	1/4		2,547.76	1/4		2,298.70	1/4		2,049.62
1/2		1/2		1/2		1/2		3,535.95	1/2		3,289.86	1/2		3,040.72	1/2		2,791.64	1/2		2,542.57	1/2		2,293.51	1/2		2,044.43
3/4		3/4		3/4		3/4		3,531.83	3/4		3,284.67	3/4		3,035.53	3/4		2,786.45	3/4		2,537.38	3/4		2,288.32	3/4		2,039.24
6		6		6		6		3,527.35	6		3,279.48	6		3,030.34	6		2,781.26	6		2,532.19	6		2,283.13	6		2,034.05
1/4		1/4		1/4		1/4		3,522.52	1/4		3,274.29	1/4		3,025.15	1/4		2,776.07	1/4		2,527.00	1/4		2,277.94	1/4		2,028.86
1/2		1/2		1/2		1/2		3,517.69	1/2		3,269.10	1/2		3,019.96	1/2		2,770.88	1/2		2,521.81	1/2		2,272.75	1/2		2,023.67
3/4		3/4		3/4		3/4		3,512.86	3/4		3,263.91	3/4		3,014.77	3/4		2,765.69	3/4		2,516.62	3/4		2,267.56	3/4		2,018.48
7		7		7		7		3,507.85	7		3,258.72	7		3,009.58	7		2,760.50	7		2,511.44	7		2,262.37	7		2,013.29
1/4		1/4		1/4		1/4		3,502.66	1/4		3,253.53	1/4		3,004.39	1/4		2,755.31	1/4		2,506.25	1/4		2,257.18	1/4		2,008.10
1/2		1/2		1/2		1/2		3,497.47	1/2		3,248.34	1/2		2,999.20	1/2		2,750.12	1/2		2,501.06	1/2		2,251.99	1/2		2,002.91
3/4		3/4		3/4		3/4		3,492.28	3/4		3,243.15	3/4		2,994.01	3/4		2,744.93	3/4		2,495.87	3/4		2,246.80	3/4		1,997.72
8		8		8		8		3,487.09	8		3,237.96	8		2,988.82	8		2,739.75	8		2,490.68	8		2,241.62	8		1,992.53
1/4		1/4		1/4		1/4		3,481.90	1/4		3,232.77	1/4		2,983.63	1/4		2,734.56	1/4		2,485.49	1/4		2,236.43	1/4		1,987.34
1/2		1/2		1/2		1/2		3,476.71	1/2		3,227.58	1/2		2,978.44	1/2		2,729.37	1/2		2,480.30	1/2		2,231.24	1/2		1,982.15
3/4		3/4		3/4		3/4		3,471.52	3/4		3,222.39	3/4		2,973.25	3/4		2,724.18	3/4		2,475.11	3/4		2,226.05	3/4		1,976.96
9		9		9		9		3,466.33	9		3,217.20	9		2,968.05	9		2,718.99	9		2,469.93	9		2,220.86	9		1,971.78
1/4		1/4		1/4		1/4		3,461.14	1/4		3,212.01	1/4		2,962.86	1/4		2,713.80	1/4		2,464.74	1/4		2,215.67	1/4		1,966.59
1/2		1/2		1/2		1/2		3,455.95	1/2		3,206.82	1/2		2,957.67	1/2		2,708.61	1/2		2,459.55	1/2		2,210.48	1/2		1,961.40
3/4		3/4		3/4		3/4		3,450.76	3/4		3,201.63	3/4		2,952.48	3/4		2,703.42	3/4		2,454.36	3/4		2,205.29	3/4		1,956.21
10		10		10		10		3,445.57	10		3,196.43	10		2,947.30	10		2,698.24	10		2,449.17	10		2,200.11	10		1,951.02
1/4		1/4		1/4		1/4		3,440.38	1/4		3,191.24	1/4		2,942.11	1/4		2,693.05	1/4		2,443.98	1/4		2,194.92	1/4		1,945.83
1/2		1/2		1/2		1/2		3,435.19	1/2		3,186.05	1/2		2,936.92	1/2		2,687.86	1/2		2,438.79	1/2		2,189.73	1/2		1,940.64
3/4		3/4		3/4		3/4		3,430.00	3/4		3,180.86	3/4		2,931.73	3/4		2,682.67	3/4		2,433.60	3/4		2,184.54	3/4		1,935.45
11		11		11		11		3,424.81	11		3,175.67	11		2,926.54	11		2,677.48	11		2,428.42	11		2,179.35	11		1,930.26
1/4		1/4		1/4		1/4		3,419.62	1/4		3,170.48	1/4		2,921.35	1/4		2,672.29	1/4		2,423.23	1/4		2,174.16	1/4		1,925.07
1/2		1/2		1/2		1/2		3,414.43	1/2		3,165.29	1/2		2,916.16	1/2		2,667.10	1/2		2,418.04	1/2		2,168.97	1/2		1,919.88
3/4		3/4		3/4		3/4		3,409.24	3/4		3,160.10	3/4		2,910.97	3/4		2,661.91	3/4		2,412.85	3/4		2,163.78	3/4		1,914.69

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 29'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 10381"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-09 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	1,909.50	0	1,660.41	0	1,411.33	0	1,162.24	0	913.16	0	664.27	0	415.45	0	166.40	0		0	
1/4	1,904.31	1/4	1,655.22	1/4	1,406.14	1/4	1,157.05	1/4	907.97	1/4	659.09	1/4	410.26	1/4	161.22	1/4		1/4	
1/2	1,899.12	1/2	1,650.03	1/2	1,400.95	1/2	1,151.86	1/2	902.78	1/2	653.91	1/2	405.07	1/2	156.03	1/2		1/2	
3/4	1,893.93	3/4	1,644.84	3/4	1,395.76	3/4	1,146.67	3/4	897.59	3/4	648.73	3/4	399.88	3/4	150.85	3/4		3/4	
1	1,888.74	1	1,639.65	1	1,390.57	1	1,141.49	1	892.40	1	643.55	1	394.70	1	145.67	1		1	
1/4	1,883.55	1/4	1,634.46	1/4	1,385.38	1/4	1,136.30	1/4	887.21	1/4	638.37	1/4	389.51	1/4	140.49	1/4		1/4	
1/2	1,878.36	1/2	1,629.27	1/2	1,380.19	1/2	1,131.11	1/2	882.02	1/2	633.20	1/2	384.32	1/2	135.30	1/2		1/2	
3/4	1,873.17	3/4	1,624.08	3/4	1,375.00	3/4	1,125.92	3/4	876.83	3/4	628.02	3/4	379.13	3/4	130.12	3/4		3/4	
2	1,867.99	2	1,618.89	2	1,369.81	2	1,120.73	2	871.65	2	622.84	2	373.94	2	124.94	2		2	
1/4	1,862.80	1/4	1,613.70	1/4	1,364.62	1/4	1,115.54	1/4	866.46	1/4	617.66	1/4	368.75	1/4	119.75	1/4		1/4	
1/2	1,857.61	1/2	1,608.51	1/2	1,359.43	1/2	1,110.35	1/2	861.27	1/2	612.49	1/2	363.56	1/2	114.57	1/2		1/2	
3/4	1,852.42	3/4	1,603.32	3/4	1,354.24	3/4	1,105.16	3/4	856.08	3/4	607.31	3/4	358.37	3/4	109.38	3/4		3/4	
3	1,847.23	3	1,598.14	3	1,349.06	3	1,099.97	3	850.89	3	602.13	3	353.19	3	104.20	3		3	
1/4	1,842.04	1/4	1,592.95	1/4	1,343.87	1/4	1,094.78	1/4	845.70	1/4	596.95	1/4	348.00	1/4	99.02	1/4		1/4	
1/2	1,836.85	1/2	1,587.76	1/2	1,338.68	1/2	1,089.59	1/2	840.51	1/2	591.77	1/2	342.81	1/2	93.83	1/2		1/2	
3/4	1,831.66	3/4	1,582.57	3/4	1,333.49	3/4	1,084.40	3/4	835.32	3/4	586.59	3/4	337.62	3/4	88.65	3/4		3/4	
4	1,826.47	4	1,577.38	4	1,328.30	4	1,079.22	4	830.13	4	581.41	4	332.43	4	83.47	4		4	
1/4	1,821.28	1/4	1,572.19	1/4	1,323.11	1/4	1,074.03	1/4	824.94	1/4	576.23	1/4	327.24	1/4	78.28	1/4		1/4	
1/2	1,816.09	1/2	1,567.00	1/2	1,317.92	1/2	1,068.84	1/2	819.75	1/2	571.06	1/2	322.05	1/2	73.10	1/2		1/2	
3/4	1,810.90	3/4	1,561.81	3/4	1,312.73	3/4	1,063.65	3/4	814.56	3/4	565.88	3/4	316.86	3/4	67.91	3/4		3/4	
5	1,805.71	5	1,556.62	5	1,307.54	5	1,058.46	5	809.38	5	560.70	5	311.67	5	62.74	5		5	
1/4	1,800.52	1/4	1,551.43	1/4	1,302.35	1/4	1,053.27	1/4	804.19	1/4	555.52	1/4	306.48	1/4	57.57	1/4		1/4	
1/2	1,795.33	1/2	1,546.24	1/2	1,297.16	1/2	1,048.08	1/2	799.00	1/2	550.34	1/2	301.29	1/2	52.41	1/2		1/2	
3/4	1,790.14	3/4	1,541.05	3/4	1,291.97	3/4	1,042.89	3/4	793.81	3/4	545.16	3/4	296.10	3/4	47.24	3/4		3/4	
6	1,784.96	6	1,535.87	6	1,286.79	6	1,037.70	6	788.62	6	539.98	6	290.92	6	42.13	6		6	
1/4	1,779.77	1/4	1,530.68	1/4	1,281.60	1/4	1,032.51	1/4	783.43	1/4	534.79	1/4	285.73	1/4	37.08	1/4		1/4	
1/2	1,774.58	1/2	1,525.49	1/2	1,276.41	1/2	1,027.32	1/2	778.24	1/2	529.60	1/2	280.54	1/2	32.03	1/2		1/2	
3/4	1,769.39	3/4	1,520.30	3/4	1,271.22	3/4	1,022.13	3/4	773.05	3/4	524.41	3/4	275.35	3/4	26.98	3/4		3/4	
7	1,764.20	7	1,515.11	7	1,266.03	7	1,016.95	7	767.87	7	519.22	7	270.16	7	22.61	7		7	
1/4	1,759.01	1/4	1,509.92	1/4	1,260.84	1/4	1,011.76	1/4	762.68	1/4	514.03	1/4	264.97	1/4	18.94	1/4		1/4	
1/2	1,753.82	1/2	1,504.73	1/2	1,255.65	1/2	1,006.57	1/2	757.49	1/2	508.84	1/2	259.78	1/2	15.26	1/2		1/2	
3/4	1,748.63	3/4	1,499.54	3/4	1,250.46	3/4	1,001.38	3/4	752.30	3/4	503.65	3/4	254.59	3/4	11.59	3/4		3/4	
8	1,743.44	8	1,494.35	8	1,245.27	8	996.19	8	747.12	8	498.47	8	249.41	8	8.78	8		8	
1/4	1,738.25	1/4	1,489.16	1/4	1,240.08	1/4	991.00	1/4	741.94	1/4	493.28	1/4	244.22	1/4	6.84	1/4		1/4	
1/2	1,733.06	1/2	1,483.97	1/2	1,234.89	1/2	985.81	1/2	736.77	1/2	488.09	1/2	239.03	1/2	4.89	1/2		1/2	
3/4	1,727.87	3/4	1,478.78	3/4	1,229.70	3/4	980.62	3/4	731.59	3/4	482.90	3/4	233.84	3/4	2.95	3/4		3/4	
9	1,722.68	9	1,473.60	9	1,224.52	9	975.43	9	726.41	9	477.72	9	228.65	9	1.60	9		9	
1/4	1,717.49	1/4	1,468.41	1/4	1,219.33	1/4	970.24	1/4	721.23	1/4	472.53	1/4	223.46	1/4	0.84	1/4		1/4	
1/2	1,712.30	1/2	1,463.22	1/2	1,214.14	1/2	965.05	1/2	716.06	1/2	467.34	1/2	218.27	1/2		1/2		1/2	
3/4	1,707.11	3/4	1,458.03	3/4	1,208.95	3/4	959.86	3/4	710.88	3/4	462.15	3/4	213.08	3/4		3/4		3/4	
10	1,701.92	10	1,452.84	10	1,203.75	10	954.67	10	705.70	10	456.96	10	207.90	10		10		10	
1/4	1,696.73	1/4	1,447.65	1/4	1,198.54	1/4	949.48	1/4	700.52	1/4	451.77	1/4	202.71	1/4		1/4		1/4	
1/2	1,691.54	1/2	1,442.46	1/2	1,193.32	1/2	944.29	1/2	695.34	1/2	446.58	1/2	197.52	1/2		1/2		1/2	
3/4	1,686.35	3/4	1,437.27	3/4	1,188.11	3/4	939.10	3/4	690.16	3/4	441.39	3/4	192.33	3/4		3/4		3/4	
11	1,681.17	11	1,432.08	11	1,182.92	11	933.92	11	684.98	11	436.21	11	187.15	11		11		11	
1/4	1,675.98	1/4	1,426.89	1/4	1,177.75	1/4	928.73	1/4	679.80	1/4	431.02	1/4	181.96	1/4		1/4		1/4	
1/2	1,670.79	1/2	1,421.70	1/2	1,172.59	1/2	923.54	1/2	674.63	1/2	425.83	1/2	176.77	1/2		1/2		1/2	
3/4	1,665.60	3/4	1,416.51	3/4	1,167.42	3/4	918.35	3/4	669.45	3/4	420.64	3/4	171.58	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/29/1999 ITS
RECALCULATED: 03/31/2020 SW
REPRINTED: 03/31/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
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