



# BARGE "KIRBY 10092"

## ULLAGE TRIM TABLE

	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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(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 1 CENTER IS - 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

November 20, 2023

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

<http://www.pmacorp.net>



# BARGE "KIRBY 10092"

# 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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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 31'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 10092"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,902.33	0	1,605.70	0	1,308.88	0	1,012.05	0	721.07	0	424.31	0	127.28	0		0		0	
1/4	1,896.16	1/4	1,599.52	1/4	1,302.69	1/4	1,005.87	1/4	714.98	1/4	418.13	1/4	121.10	1/4	1/4	1/4		1/4	
1/2	1,889.98	1/2	1,593.34	1/2	1,296.51	1/2	999.68	1/2	708.89	1/2	411.94	1/2	114.91	1/2	1/2	1/2		1/2	
3/4	1,883.81	3/4	1,587.15	3/4	1,290.33	3/4	993.50	3/4	702.72	3/4	405.75	3/4	108.75	3/4	3/4	3/4		3/4	
1	1,877.63	1	1,580.97	1	1,284.14	1	987.31	1	696.55	1	399.56	1	102.59	1	1	1		1	
1/4	1,871.46	1/4	1,574.79	1/4	1,277.96	1/4	981.13	1/4	690.38	1/4	393.37	1/4	96.43	1/4	1/4	1/4		1/4	
1/2	1,865.28	1/2	1,568.60	1/2	1,271.77	1/2	974.95	1/2	684.21	1/2	387.18	1/2	90.27	1/2	1/2	1/2		1/2	
3/4	1,859.10	3/4	1,562.42	3/4	1,265.59	3/4	968.83	3/4	678.02	3/4	381.00	3/4	84.14	3/4	3/4	3/4		3/4	
2	1,852.93	2	1,556.23	2	1,259.41	2	962.70	2	671.83	2	374.81	2	78.02	2	2	2		2	
1/4	1,846.75	1/4	1,550.05	1/4	1,253.22	1/4	956.58	1/4	665.65	1/4	368.62	1/4	71.89	1/4	1/4	1/4		1/4	
1/2	1,840.58	1/2	1,543.87	1/2	1,247.04	1/2	950.46	1/2	659.46	1/2	362.43	1/2	65.76	1/2	1/2	1/2		1/2	
3/4	1,834.40	3/4	1,537.68	3/4	1,240.85	3/4	944.40	3/4	653.27	3/4	356.24	3/4	59.69	3/4	3/4	3/4		3/4	
3	1,828.23	3	1,531.50	3	1,234.67	3	938.35	3	647.09	3	350.06	3	53.62	3	3	3		3	
1/4	1,822.05	1/4	1,525.31	1/4	1,228.49	1/4	932.29	1/4	640.90	1/4	343.87	1/4	47.54	1/4	1/4	1/4		1/4	
1/2	1,815.88	1/2	1,519.13	1/2	1,222.30	1/2	926.23	1/2	634.71	1/2	337.68	1/2	41.47	1/2	1/2	1/2		1/2	
3/4	1,809.69	3/4	1,512.95	3/4	1,216.12	3/4	920.17	3/4	628.52	3/4	331.49	3/4	36.31	3/4	3/4	3/4		3/4	
4	1,803.51	4	1,506.76	4	1,209.94	4	914.12	4	622.34	4	325.30	4	31.16	4	4	4		4	
1/4	1,797.33	1/4	1,500.58	1/4	1,203.75	1/4	908.06	1/4	616.15	1/4	319.11	1/4	26.00	1/4	1/4	1/4		1/4	
1/2	1,791.14	1/2	1,494.39	1/2	1,197.57	1/2	902.00	1/2	609.96	1/2	312.93	1/2	20.84	1/2	1/2	1/2		1/2	
3/4	1,784.96	3/4	1,488.21	3/4	1,191.38	3/4	895.96	3/4	603.77	3/4	306.74	3/4	17.74	3/4	3/4	3/4		3/4	
5	1,778.78	5	1,482.03	5	1,185.20	5	889.92	5	597.58	5	300.55	5	14.64	5	5	5		5	
1/4	1,772.59	1/4	1,475.84	1/4	1,179.02	1/4	883.88	1/4	591.40	1/4	294.36	1/4	11.54	1/4	1/4	1/4		1/4	
1/2	1,766.41	1/2	1,469.66	1/2	1,172.83	1/2	877.84	1/2	585.21	1/2	288.17	1/2	8.44	1/2	1/2	1/2		1/2	
3/4	1,760.22	3/4	1,463.48	3/4	1,166.65	3/4	871.81	3/4	579.02	3/4	281.99	3/4	7.41	3/4	3/4	3/4		3/4	
6	1,754.04	6	1,457.29	6	1,160.46	6	865.79	6	572.83	6	275.80	6	6.38	6	6	6		6	
1/4	1,747.86	1/4	1,451.11	1/4	1,154.28	1/4	859.76	1/4	566.64	1/4	269.61	1/4	5.34	1/4	1/4	1/4		1/4	
1/2	1,741.67	1/2	1,444.92	1/2	1,148.10	1/2	853.74	1/2	560.45	1/2	263.42	1/2	4.31	1/2	1/2	1/2		1/2	
3/4	1,735.49	3/4	1,438.74	3/4	1,141.91	3/4	847.71	3/4	554.27	3/4	257.23	3/4		3/4	3/4	3/4		3/4	
7	1,729.31	7	1,432.56	7	1,135.73	7	841.69	7	548.08	7	251.04	7		7	7	7		7	
1/4	1,723.13	1/4	1,426.37	1/4	1,129.54	1/4	835.66	1/4	541.89	1/4	244.86	1/4		1/4	1/4	1/4		1/4	
1/2	1,716.94	1/2	1,420.19	1/2	1,123.36	1/2	829.64	1/2	535.70	1/2	238.67	1/2		1/2	1/2	1/2		1/2	
3/4	1,710.76	3/4	1,414.00	3/4	1,117.18	3/4	823.61	3/4	529.51	3/4	232.48	3/4		3/4	3/4	3/4		3/4	
8	1,704.58	8	1,407.82	8	1,110.99	8	817.59	8	523.33	8	226.29	8		8	8	8		8	
1/4	1,698.40	1/4	1,401.64	1/4	1,104.81	1/4	811.56	1/4	517.14	1/4	220.10	1/4		1/4	1/4	1/4		1/4	
1/2	1,692.22	1/2	1,395.45	1/2	1,098.62	1/2	805.54	1/2	510.95	1/2	213.92	1/2		1/2	1/2	1/2		1/2	
3/4	1,686.04	3/4	1,389.27	3/4	1,092.44	3/4	799.52	3/4	504.76	3/4	207.73	3/4		3/4	3/4	3/4		3/4	
9	1,679.86	9	1,383.08	9	1,086.26	9	793.49	9	498.57	9	201.54	9		9	9	9		9	
1/4	1,673.68	1/4	1,376.90	1/4	1,080.07	1/4	787.47	1/4	492.38	1/4	195.35	1/4		1/4	1/4	1/4		1/4	
1/2	1,667.50	1/2	1,370.72	1/2	1,073.89	1/2	781.44	1/2	486.20	1/2	189.16	1/2		1/2	1/2	1/2		1/2	
3/4	1,661.32	3/4	1,364.53	3/4	1,067.71	3/4	775.42	3/4	480.01	3/4	182.98	3/4		3/4	3/4	3/4		3/4	
10	1,655.14	10	1,358.35	10	1,061.52	10	769.39	10	473.82	10	176.79	10		10	10	10		10	
1/4	1,648.96	1/4	1,352.16	1/4	1,055.34	1/4	763.37	1/4	467.63	1/4	170.60	1/4		1/4	1/4	1/4		1/4	
1/2	1,642.78	1/2	1,345.98	1/2	1,049.15	1/2	757.34	1/2	461.44	1/2	164.41	1/2		1/2	1/2	1/2		1/2	
3/4	1,636.60	3/4	1,339.80	3/4	1,042.97	3/4	751.32	3/4	455.26	3/4	158.22	3/4		3/4	3/4	3/4		3/4	
11	1,630.42	11	1,333.61	11	1,036.79	11	745.29	11	449.07	11	152.03	11		11	11	11		11	
1/4	1,624.24	1/4	1,327.43	1/4	1,030.60	1/4	739.27	1/4	442.88	1/4	145.83	1/4		1/4	1/4	1/4		1/4	
1/2	1,618.06	1/2	1,321.25	1/2	1,024.42	1/2	733.24	1/2	436.69	1/2	139.64	1/2		1/2	1/2	1/2		1/2	
3/4	1,611.88	3/4	1,315.06	3/4	1,018.23	3/4	727.15	3/4	430.50	3/4	133.46	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2014 CL  
CALCULATED: 01/09/2014 CL  
VERIFIED: 11/20/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2023

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



# BARGE "KIRBY 10092"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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		0	3,254.57	0	2,992.68	0	2,730.79	0	2,468.47	0	2,205.17	0	1,941.88
1/4		1/4		1/4		1/4	3,475.78	1/4	3,249.11	1/4	2,987.23	1/4	2,725.34	1/4	2,462.98	1/4	2,199.69	1/4	1,936.39
1/2		1/2		1/2		1/2	3,474.86	1/2	3,243.66	1/2	2,981.77	1/2	2,719.88	1/2	2,457.50	1/2	2,194.20	1/2	1,930.91
3/4		3/4		3/4		3/4	3,473.95	3/4	3,238.20	3/4	2,976.31	3/4	2,714.43	3/4	2,452.01	3/4	2,188.72	3/4	1,925.42
1		1		1		1	3,473.03	1	3,232.75	1	2,970.86	1	2,708.97	1	2,446.53	1	2,183.23	1	1,919.94
1/4		1/4		1/4		1/4	3,472.12	1/4	3,227.29	1/4	2,965.40	1/4	2,703.51	1/4	2,441.04	1/4	2,177.75	1/4	1,914.45
1/2		1/2		1/2		1/2	3,469.37	1/2	3,221.83	1/2	2,959.95	1/2	2,698.06	1/2	2,435.55	1/2	2,172.26	1/2	1,908.97
3/4		3/4		3/4		3/4	3,466.63	3/4	3,216.38	3/4	2,954.49	3/4	2,692.60	3/4	2,430.07	3/4	2,166.77	3/4	1,903.48
2		2		2		2	3,463.88	2	3,210.92	2	2,949.03	2	2,687.15	2	2,424.58	2	2,161.29	2	1,898.00
1/4		1/4		1/4		1/4	3,461.14	1/4	3,205.47	1/4	2,943.58	1/4	2,681.69	1/4	2,419.10	1/4	2,155.80	1/4	1,892.51
1/2		1/2		1/2		1/2	3,456.70	1/2	3,200.01	1/2	2,938.12	1/2	2,676.23	1/2	2,413.61	1/2	2,150.32	1/2	1,887.02
3/4		3/4		3/4		3/4	3,452.25	3/4	3,194.55	3/4	2,932.67	3/4	2,670.78	3/4	2,408.13	3/4	2,144.83	3/4	1,881.54
3		3		3		3	3,447.81	3	3,189.10	3	2,927.21	3	2,665.32	3	2,402.64	3	2,139.35	3	1,876.05
1/4		1/4		1/4		1/4	3,443.36	1/4	3,183.64	1/4	2,921.75	1/4	2,659.87	1/4	2,397.16	1/4	2,133.86	1/4	1,870.57
1/2		1/2		1/2		1/2	3,438.05	1/2	3,178.19	1/2	2,916.30	1/2	2,654.41	1/2	2,391.67	1/2	2,128.38	1/2	1,865.08
3/4		3/4		3/4		3/4	3,432.73	3/4	3,172.73	3/4	2,910.84	3/4	2,648.95	3/4	2,386.19	3/4	2,122.89	3/4	1,859.60
4		4		4		4	3,427.41	4	3,167.27	4	2,905.39	4	2,643.50	4	2,380.70	4	2,117.41	4	1,854.11
1/4		1/4		1/4		1/4	3,422.10	1/4	3,161.82	1/4	2,899.93	1/4	2,638.04	1/4	2,375.22	1/4	2,111.92	1/4	1,848.63
1/2		1/2		1/2		1/2	3,416.75	1/2	3,156.36	1/2	2,894.47	1/2	2,632.59	1/2	2,369.73	1/2	2,106.44	1/2	1,843.14
3/4		3/4		3/4		3/4	3,411.40	3/4	3,150.91	3/4	2,889.02	3/4	2,627.13	3/4	2,364.25	3/4	2,100.95	3/4	1,837.66
5		5		5		5	3,406.05	5	3,145.45	5	2,883.56	5	2,621.67	5	2,358.76	5	2,095.47	5	1,832.17
1/4		1/4		1/4		1/4	3,400.71	1/4	3,139.99	1/4	2,878.11	1/4	2,616.22	1/4	2,353.28	1/4	2,089.98	1/4	1,826.69
1/2		1/2		1/2		1/2	3,395.35	1/2	3,134.54	1/2	2,872.65	1/2	2,610.76	1/2	2,347.79	1/2	2,084.50	1/2	1,821.20
3/4		3/4		3/4		3/4	3,389.99	3/4	3,129.08	3/4	2,867.19	3/4	2,605.31	3/4	2,342.30	3/4	2,079.01	3/4	1,815.72
6		6		6		6	3,384.63	6	3,123.63	6	2,861.74	6	2,599.85	6	2,336.82	6	2,073.52	6	1,810.23
1/4		1/4		1/4		1/4	3,379.27	1/4	3,118.17	1/4	2,856.28	1/4	2,594.39	1/4	2,331.33	1/4	2,068.04	1/4	1,804.75
1/2		1/2		1/2		1/2	3,373.91	1/2	3,112.71	1/2	2,850.83	1/2	2,588.94	1/2	2,325.85	1/2	2,062.55	1/2	1,799.26
3/4		3/4		3/4		3/4	3,368.55	3/4	3,107.26	3/4	2,845.37	3/4	2,583.48	3/4	2,320.36	3/4	2,057.07	3/4	1,793.77
7		7		7		7	3,363.19	7	3,101.80	7	2,839.91	7	2,578.03	7	2,314.88	7	2,051.58	7	1,788.29
1/4		1/4		1/4		1/4	3,357.84	1/4	3,096.35	1/4	2,834.46	1/4	2,572.57	1/4	2,309.39	1/4	2,046.10	1/4	1,782.80
1/2		1/2		1/2		1/2	3,352.48	1/2	3,090.89	1/2	2,829.00	1/2	2,567.11	1/2	2,303.91	1/2	2,040.61	1/2	1,777.32
3/4		3/4		3/4		3/4	3,347.12	3/4	3,085.43	3/4	2,823.55	3/4	2,561.66	3/4	2,298.42	3/4	2,035.13	3/4	1,771.83
8		8		8		8	3,341.77	8	3,079.98	8	2,818.09	8	2,556.20	8	2,292.94	8	2,029.64	8	1,766.35
1/4		1/4		1/4		1/4	3,336.41	1/4	3,074.52	1/4	2,812.63	1/4	2,550.75	1/4	2,287.45	1/4	2,024.16	1/4	1,760.86
1/2		1/2		1/2		1/2	3,330.95	1/2	3,069.07	1/2	2,807.18	1/2	2,545.26	1/2	2,281.97	1/2	2,018.67	1/2	1,755.38
3/4		3/4		3/4		3/4	3,325.50	3/4	3,063.61	3/4	2,801.72	3/4	2,539.78	3/4	2,276.48	3/4	2,013.19	3/4	1,749.89
9		9		9		9	3,320.04	9	3,058.15	9	2,796.27	9	2,534.29	9	2,271.00	9	2,007.70	9	1,744.41
1/4		1/4		1/4		1/4	3,314.59	1/4	3,052.70	1/4	2,790.81	1/4	2,528.80	1/4	2,265.51	1/4	2,002.22	1/4	1,738.92
1/2		1/2		1/2		1/2	3,309.13	1/2	3,047.24	1/2	2,785.35	1/2	2,523.32	1/2	2,260.02	1/2	1,996.73	1/2	1,733.44
3/4		3/4		3/4		3/4	3,303.67	3/4	3,041.79	3/4	2,779.90	3/4	2,517.83	3/4	2,254.54	3/4	1,991.25	3/4	1,727.95
10		10		10		10	3,298.22	10	3,036.33	10	2,774.44	10	2,512.35	10	2,249.05	10	1,985.76	10	1,722.47
1/4		1/4		1/4		1/4	3,292.76	1/4	3,030.87	1/4	2,768.99	1/4	2,506.86	1/4	2,243.57	1/4	1,980.27	1/4	1,716.98
1/2		1/2		1/2		1/2	3,287.31	1/2	3,025.42	1/2	2,763.53	1/2	2,501.38	1/2	2,238.08	1/2	1,974.79	1/2	1,711.49
3/4		3/4		3/4		3/4	3,281.85	3/4	3,019.96	3/4	2,758.07	3/4	2,495.89	3/4	2,232.60	3/4	1,969.30	3/4	1,706.01
11		11		11		11	3,276.39	11	3,014.51	11	2,752.62	11	2,490.41	11	2,227.11	11	1,963.82	11	1,700.52
1/4		1/4		1/4		1/4	3,270.94	1/4	3,009.05	1/4	2,747.16	1/4	2,484.92	1/4	2,221.63	1/4	1,958.33	1/4	1,695.04
1/2		1/2		1/2		1/2	3,265.48	1/2	3,003.59	1/2	2,741.71	1/2	2,479.44	1/2	2,216.14	1/2	1,952.85	1/2	1,689.55
3/4		3/4		3/4		3/4	3,260.03	3/4	2,998.14	3/4	2,736.25	3/4	2,473.95	3/4	2,210.66	3/4	1,947.36	3/4	1,684.07

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 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 10092"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,678.58	0	1,415.29	0	1,151.83	0	890.16	0	630.82	0	367.42	0	104.06	0		0		0	
1/4	1,673.10	1/4	1,409.80	1/4	1,146.35	1/4	884.75	1/4	625.38	1/4	361.94	1/4	98.59	1/4	1/4	1/4		1/4	
1/2	1,667.61	1/2	1,404.31	1/2	1,140.86	1/2	879.35	1/2	619.89	1/2	356.45	1/2	93.14	1/2	1/2	1/2		1/2	
3/4	1,662.13	3/4	1,398.83	3/4	1,135.37	3/4	873.95	3/4	614.40	3/4	350.96	3/4	87.68	3/4	3/4	3/4		3/4	
1	1,656.64	1	1,393.34	1	1,129.88	1	868.54	1	608.91	1	345.47	1	82.23	1	1	1		1	
1/4	1,651.16	1/4	1,387.85	1/4	1,124.39	1/4	863.14	1/4	603.42	1/4	339.98	1/4	76.77	1/4	1/4	1/4		1/4	
1/2	1,645.67	1/2	1,382.36	1/2	1,118.90	1/2	857.73	1/2	597.93	1/2	334.50	1/2	71.35	1/2	1/2	1/2		1/2	
3/4	1,640.19	3/4	1,376.87	3/4	1,113.41	3/4	852.33	3/4	592.45	3/4	329.01	3/4	65.92	3/4	3/4	3/4		3/4	
2	1,634.70	2	1,371.38	2	1,107.92	2	846.93	2	586.96	2	323.52	2	60.50	2	2	2		2	
1/4	1,629.22	1/4	1,365.89	1/4	1,102.44	1/4	841.52	1/4	581.47	1/4	318.03	1/4	55.07	1/4	1/4	1/4		1/4	
1/2	1,623.73	1/2	1,360.41	1/2	1,096.95	1/2	836.12	1/2	575.98	1/2	312.54	1/2	49.70	1/2	1/2	1/2		1/2	
3/4	1,618.24	3/4	1,354.92	3/4	1,091.46	3/4	830.72	3/4	570.49	3/4	307.05	3/4	44.32	3/4	3/4	3/4		3/4	
3	1,612.76	3	1,349.43	3	1,085.97	3	825.31	3	565.00	3	301.57	3	38.95	3	3	3		3	
1/4	1,607.27	1/4	1,343.94	1/4	1,080.48	1/4	819.91	1/4	559.52	1/4	296.08	1/4	33.57	1/4	1/4	1/4		1/4	
1/2	1,601.79	1/2	1,338.45	1/2	1,074.99	1/2	814.51	1/2	554.03	1/2	290.59	1/2	29.01	1/2	1/2	1/2		1/2	
3/4	1,596.30	3/4	1,332.96	3/4	1,069.50	3/4	809.11	3/4	548.54	3/4	285.10	3/4	24.44	3/4	3/4	3/4		3/4	
4	1,590.82	4	1,327.47	4	1,064.02	4	803.71	4	543.05	4	279.61	4	19.88	4	4	4		4	
1/4	1,585.33	1/4	1,321.98	1/4	1,058.53	1/4	798.31	1/4	537.56	1/4	274.12	1/4	15.31	1/4	1/4	1/4		1/4	
1/2	1,579.85	1/2	1,316.50	1/2	1,053.04	1/2	792.91	1/2	532.07	1/2	268.64	1/2	12.57	1/2	1/2	1/2		1/2	
3/4	1,574.36	3/4	1,311.01	3/4	1,047.55	3/4	787.52	3/4	526.59	3/4	263.15	3/4	9.82	3/4	3/4	3/4		3/4	
5	1,568.88	5	1,305.52	5	1,042.06	5	782.12	5	521.10	5	257.66	5	7.08	5	5	5		5	
1/4	1,563.39	1/4	1,300.03	1/4	1,036.57	1/4	776.72	1/4	515.61	1/4	252.17	1/4	4.34	1/4	1/4	1/4		1/4	
1/2	1,557.91	1/2	1,294.54	1/2	1,031.08	1/2	771.32	1/2	510.12	1/2	246.68	1/2	3.42	1/2	1/2	1/2		1/2	
3/4	1,552.42	3/4	1,289.05	3/4	1,025.59	3/4	765.92	3/4	504.63	3/4	241.19	3/4	2.51	3/4	3/4	3/4		3/4	
6	1,546.94	6	1,283.56	6	1,020.11	6	760.52	6	499.14	6	235.71	6	1.59	6	6	6		6	
1/4	1,541.45	1/4	1,278.07	1/4	1,014.62	1/4	755.12	1/4	493.66	1/4	230.22	1/4	0.68	1/4	1/4	1/4		1/4	
1/2	1,535.97	1/2	1,272.59	1/2	1,009.17	1/2	749.73	1/2	488.17	1/2	224.73	1/2		1/2	1/2	1/2		1/2	
3/4	1,530.48	3/4	1,267.10	3/4	1,003.72	3/4	744.33	3/4	482.68	3/4	219.24	3/4		3/4	3/4	3/4		3/4	
7	1,524.99	7	1,261.61	7	998.28	7	738.93	7	477.19	7	213.75	7		7	7	7		7	
1/4	1,519.51	1/4	1,256.12	1/4	992.83	1/4	733.53	1/4	471.70	1/4	208.26	1/4		1/4	1/4	1/4		1/4	
1/2	1,514.02	1/2	1,250.63	1/2	987.43	1/2	728.13	1/2	466.21	1/2	202.78	1/2		1/2	1/2	1/2		1/2	
3/4	1,508.54	3/4	1,245.14	3/4	982.02	3/4	722.73	3/4	460.73	3/4	197.29	3/4		3/4	3/4	3/4		3/4	
8	1,503.05	8	1,239.65	8	976.62	8	717.33	8	455.24	8	191.80	8		8	8	8		8	
1/4	1,497.57	1/4	1,234.17	1/4	971.21	1/4	711.94	1/4	449.75	1/4	186.31	1/4		1/4	1/4	1/4		1/4	
1/2	1,492.08	1/2	1,228.68	1/2	965.81	1/2	706.54	1/2	444.26	1/2	180.82	1/2		1/2	1/2	1/2		1/2	
3/4	1,486.60	3/4	1,223.19	3/4	960.41	3/4	701.14	3/4	438.77	3/4	175.33	3/4		3/4	3/4	3/4		3/4	
9	1,481.11	9	1,217.70	9	955.00	9	695.74	9	433.28	9	169.85	9		9	9	9		9	
1/4	1,475.63	1/4	1,212.21	1/4	949.60	1/4	690.34	1/4	427.80	1/4	164.36	1/4		1/4	1/4	1/4		1/4	
1/2	1,470.14	1/2	1,206.72	1/2	944.19	1/2	684.94	1/2	422.31	1/2	158.87	1/2		1/2	1/2	1/2		1/2	
3/4	1,464.66	3/4	1,201.23	3/4	938.79	3/4	679.54	3/4	416.82	3/4	153.38	3/4		3/4	3/4	3/4		3/4	
10	1,459.17	10	1,195.74	10	933.39	10	674.15	10	411.33	10	147.89	10		10	10	10		10	
1/4	1,453.69	1/4	1,190.26	1/4	927.98	1/4	668.75	1/4	405.84	1/4	142.41	1/4		1/4	1/4	1/4		1/4	
1/2	1,448.20	1/2	1,184.77	1/2	922.58	1/2	663.35	1/2	400.35	1/2	136.92	1/2		1/2	1/2	1/2		1/2	
3/4	1,442.72	3/4	1,179.28	3/4	917.18	3/4	657.95	3/4	394.87	3/4	131.44	3/4		3/4	3/4	3/4		3/4	
11	1,437.23	11	1,173.79	11	911.77	11	652.55	11	389.38	11	125.96	11		11	11	11		11	
1/4	1,431.74	1/4	1,168.30	1/4	906.37	1/4	647.16	1/4	383.89	1/4	120.48	1/4		1/4	1/4	1/4		1/4	
1/2	1,426.26	1/2	1,162.81	1/2	900.96	1/2	641.71	1/2	378.40	1/2	115.00	1/2		1/2	1/2	1/2		1/2	
3/4	1,420.77	3/4	1,157.32	3/4	895.56	3/4	636.27	3/4	372.91	3/4	109.53	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2014 CL  
CALCULATED: 01/09/2014 CL  
VERIFIED: 11/20/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2023

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



# BARGE "KIRBY 10092"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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		0	3,235.12	0	2,975.15	0	2,715.17	0	2,454.76	0	2,193.39	0	1,932.01
1/4		1/4		1/4		1/4	3,454.71	1/4	3,229.70	1/4	2,969.73	1/4	2,709.76	1/4	2,449.32	1/4	2,187.94	1/4	1,926.57
1/2		1/2		1/2		1/2	3,453.80	1/2	3,224.29	1/2	2,964.31	1/2	2,704.34	1/2	2,443.87	1/2	2,182.50	1/2	1,921.12
3/4		3/4		3/4		3/4	3,452.89	3/4	3,218.87	3/4	2,958.90	3/4	2,698.93	3/4	2,438.43	3/4	2,177.05	3/4	1,915.68
1		1		1		1	3,451.99	1	3,213.45	1	2,953.48	1	2,693.51	1	2,432.98	1	2,171.61	1	1,910.23
1/4		1/4		1/4		1/4	3,451.08	1/4	3,208.04	1/4	2,948.07	1/4	2,688.09	1/4	2,427.54	1/4	2,166.16	1/4	1,904.79
1/2		1/2		1/2		1/2	3,448.35	1/2	3,202.62	1/2	2,942.65	1/2	2,682.68	1/2	2,422.09	1/2	2,160.72	1/2	1,899.34
3/4		3/4		3/4		3/4	3,445.63	3/4	3,197.21	3/4	2,937.23	3/4	2,677.26	3/4	2,416.65	3/4	2,155.27	3/4	1,893.90
2		2		2		2	3,442.90	2	3,191.79	2	2,931.82	2	2,671.84	2	2,411.20	2	2,149.83	2	1,888.45
1/4		1/4		1/4		1/4	3,440.18	1/4	3,186.37	1/4	2,926.40	1/4	2,666.43	1/4	2,405.75	1/4	2,144.38	1/4	1,883.01
1/2		1/2		1/2		1/2	3,435.77	1/2	3,180.96	1/2	2,920.99	1/2	2,661.01	1/2	2,400.31	1/2	2,138.94	1/2	1,877.56
3/4		3/4		3/4		3/4	3,431.36	3/4	3,175.54	3/4	2,915.57	3/4	2,655.60	3/4	2,394.86	3/4	2,133.49	3/4	1,872.12
3		3		3		3	3,426.95	3	3,170.13	3	2,910.15	3	2,650.18	3	2,389.42	3	2,128.04	3	1,866.67
1/4		1/4		1/4		1/4	3,422.54	1/4	3,164.71	1/4	2,904.74	1/4	2,644.76	1/4	2,383.97	1/4	2,122.60	1/4	1,861.22
1/2		1/2		1/2		1/2	3,417.26	1/2	3,159.29	1/2	2,899.32	1/2	2,639.35	1/2	2,378.53	1/2	2,117.15	1/2	1,855.78
3/4		3/4		3/4		3/4	3,411.98	3/4	3,153.88	3/4	2,893.90	3/4	2,633.93	3/4	2,373.08	3/4	2,111.71	3/4	1,850.33
4		4		4		4	3,406.70	4	3,148.46	4	2,888.49	4	2,628.52	4	2,367.64	4	2,106.26	4	1,844.89
1/4		1/4		1/4		1/4	3,401.43	1/4	3,143.05	1/4	2,883.07	1/4	2,623.10	1/4	2,362.19	1/4	2,100.82	1/4	1,839.44
1/2		1/2		1/2		1/2	3,396.12	1/2	3,137.63	1/2	2,877.66	1/2	2,617.68	1/2	2,356.75	1/2	2,095.37	1/2	1,834.00
3/4		3/4		3/4		3/4	3,390.81	3/4	3,132.21	3/4	2,872.24	3/4	2,612.27	3/4	2,351.30	3/4	2,089.93	3/4	1,828.55
5		5		5		5	3,385.50	5	3,126.80	5	2,866.82	5	2,606.85	5	2,345.86	5	2,084.48	5	1,823.11
1/4		1/4		1/4		1/4	3,380.19	1/4	3,121.38	1/4	2,861.41	1/4	2,601.44	1/4	2,340.41	1/4	2,079.04	1/4	1,817.66
1/2		1/2		1/2		1/2	3,374.87	1/2	3,115.96	1/2	2,855.99	1/2	2,596.02	1/2	2,334.97	1/2	2,073.59	1/2	1,812.22
3/4		3/4		3/4		3/4	3,369.55	3/4	3,110.55	3/4	2,850.58	3/4	2,590.60	3/4	2,329.52	3/4	2,068.15	3/4	1,806.77
6		6		6		6	3,364.23	6	3,105.13	6	2,845.16	6	2,585.19	6	2,324.08	6	2,062.70	6	1,801.33
1/4		1/4		1/4		1/4	3,358.90	1/4	3,099.72	1/4	2,839.74	1/4	2,579.77	1/4	2,318.63	1/4	2,057.26	1/4	1,795.88
1/2		1/2		1/2		1/2	3,353.59	1/2	3,094.30	1/2	2,834.33	1/2	2,574.35	1/2	2,313.18	1/2	2,051.81	1/2	1,790.44
3/4		3/4		3/4		3/4	3,348.27	3/4	3,088.88	3/4	2,828.91	3/4	2,568.94	3/4	2,307.74	3/4	2,046.37	3/4	1,784.99
7		7		7		7	3,342.95	7	3,083.47	7	2,823.50	7	2,563.52	7	2,302.29	7	2,040.92	7	1,779.55
1/4		1/4		1/4		1/4	3,337.63	1/4	3,078.05	1/4	2,818.08	1/4	2,558.11	1/4	2,296.85	1/4	2,035.47	1/4	1,774.10
1/2		1/2		1/2		1/2	3,332.31	1/2	3,072.64	1/2	2,812.66	1/2	2,552.69	1/2	2,291.40	1/2	2,030.03	1/2	1,768.65
3/4		3/4		3/4		3/4	3,327.00	3/4	3,067.22	3/4	2,807.25	3/4	2,547.27	3/4	2,285.96	3/4	2,024.58	3/4	1,763.21
8		8		8		8	3,321.68	8	3,061.80	8	2,801.83	8	2,541.86	8	2,280.51	8	2,019.14	8	1,757.76
1/4		1/4		1/4		1/4	3,316.36	1/4	3,056.39	1/4	2,796.41	1/4	2,536.44	1/4	2,275.07	1/4	2,013.69	1/4	1,752.32
1/2		1/2		1/2		1/2	3,310.94	1/2	3,050.97	1/2	2,791.00	1/2	2,531.00	1/2	2,269.62	1/2	2,008.25	1/2	1,746.87
3/4		3/4		3/4		3/4	3,305.53	3/4	3,045.56	3/4	2,785.58	3/4	2,525.55	3/4	2,264.18	3/4	2,002.80	3/4	1,741.43
9		9		9		9	3,300.11	9	3,040.14	9	2,780.17	9	2,520.11	9	2,258.73	9	1,997.36	9	1,735.98
1/4		1/4		1/4		1/4	3,294.70	1/4	3,034.72	1/4	2,774.75	1/4	2,514.66	1/4	2,253.29	1/4	1,991.91	1/4	1,730.54
1/2		1/2		1/2		1/2	3,289.28	1/2	3,029.31	1/2	2,769.33	1/2	2,509.22	1/2	2,247.84	1/2	1,986.47	1/2	1,725.09
3/4		3/4		3/4		3/4	3,283.86	3/4	3,023.89	3/4	2,763.92	3/4	2,503.77	3/4	2,242.40	3/4	1,981.02	3/4	1,719.65
10		10		10		10	3,278.45	10	3,018.47	10	2,758.50	10	2,498.32	10	2,236.95	10	1,975.58	10	1,714.20
1/4		1/4		1/4		1/4	3,273.03	1/4	3,013.06	1/4	2,753.09	1/4	2,492.88	1/4	2,231.51	1/4	1,970.13	1/4	1,708.76
1/2		1/2		1/2		1/2	3,267.62	1/2	3,007.64	1/2	2,747.67	1/2	2,487.43	1/2	2,226.06	1/2	1,964.69	1/2	1,703.31
3/4		3/4		3/4		3/4	3,262.20	3/4	3,002.23	3/4	2,742.25	3/4	2,481.99	3/4	2,220.61	3/4	1,959.24	3/4	1,697.87
11		11		11		11	3,256.78	11	2,996.81	11	2,736.84	11	2,476.54	11	2,215.17	11	1,953.79	11	1,692.42
1/4		1/4		1/4		1/4	3,251.37	1/4	2,991.39	1/4	2,731.42	1/4	2,471.10	1/4	2,209.72	1/4	1,948.35	1/4	1,686.98
1/2		1/2		1/2		1/2	3,245.95	1/2	2,985.98	1/2	2,726.01	1/2	2,465.65	1/2	2,204.28	1/2	1,942.90	1/2	1,681.53
3/4		3/4		3/4		3/4	3,240.54	3/4	2,980.56	3/4	2,720.59	3/4	2,460.21	3/4	2,198.83	3/4	1,937.46	3/4	1,676.08

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 27'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 10092"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,670.64	0	1,409.26	0	1,147.73	0	887.02	0	626.28	0	364.76	0	103.31	0		0		0	
1/4	1,665.19	1/4	1,403.82	1/4	1,142.28	1/4	881.61	1/4	620.83	1/4	359.31	1/4	97.88	1/4		1/4		1/4	
1/2	1,659.75	1/2	1,398.37	1/2	1,136.83	1/2	876.20	1/2	615.38	1/2	353.86	1/2	92.46	1/2		1/2		1/2	
3/4	1,654.30	3/4	1,392.92	3/4	1,131.38	3/4	870.78	3/4	609.93	3/4	348.41	3/4	87.05	3/4		3/4		3/4	
1	1,648.86	1	1,387.47	1	1,125.93	1	865.37	1	604.49	1	342.96	1	81.63	1		1		1	
1/4	1,643.41	1/4	1,382.02	1/4	1,120.48	1/4	859.96	1/4	599.04	1/4	337.52	1/4	76.22	1/4		1/4		1/4	
1/2	1,637.97	1/2	1,376.58	1/2	1,115.03	1/2	854.55	1/2	593.59	1/2	332.07	1/2	70.84	1/2		1/2		1/2	
3/4	1,632.52	3/4	1,371.13	3/4	1,109.58	3/4	849.13	3/4	588.14	3/4	326.62	3/4	65.45	3/4		3/4		3/4	
2	1,627.08	2	1,365.68	2	1,104.14	2	843.72	2	582.69	2	321.17	2	60.06	2		2		2	
1/4	1,621.63	1/4	1,360.23	1/4	1,098.69	1/4	838.31	1/4	577.25	1/4	315.72	1/4	54.68	1/4		1/4		1/4	
1/2	1,616.19	1/2	1,354.78	1/2	1,093.24	1/2	832.90	1/2	571.80	1/2	310.27	1/2	49.34	1/2		1/2		1/2	
3/4	1,610.74	3/4	1,349.33	3/4	1,087.79	3/4	827.48	3/4	566.35	3/4	304.83	3/4	44.01	3/4		3/4		3/4	
3	1,605.30	3	1,343.88	3	1,082.34	3	822.07	3	560.90	3	299.38	3	38.67	3		3		3	
1/4	1,599.85	1/4	1,338.43	1/4	1,076.89	1/4	816.66	1/4	555.45	1/4	293.93	1/4	33.33	1/4		1/4		1/4	
1/2	1,594.41	1/2	1,332.99	1/2	1,071.44	1/2	811.25	1/2	550.00	1/2	288.48	1/2	28.80	1/2		1/2		1/2	
3/4	1,588.96	3/4	1,327.54	3/4	1,065.99	3/4	805.85	3/4	544.55	3/4	283.03	3/4	24.27	3/4		3/4		3/4	
4	1,583.51	4	1,322.09	4	1,060.55	4	800.44	4	539.11	4	277.58	4	19.74	4		4		4	
1/4	1,578.07	1/4	1,316.64	1/4	1,055.10	1/4	795.03	1/4	533.66	1/4	272.13	1/4	15.21	1/4		1/4		1/4	
1/2	1,572.62	1/2	1,311.19	1/2	1,049.65	1/2	789.59	1/2	528.21	1/2	266.69	1/2	12.48	1/2		1/2		1/2	
3/4	1,567.18	3/4	1,305.74	3/4	1,044.20	3/4	784.14	3/4	522.76	3/4	261.24	3/4	9.76	3/4		3/4		3/4	
5	1,561.73	5	1,300.29	5	1,038.75	5	778.70	5	517.31	5	255.79	5	7.03	5		5		5	
1/4	1,556.29	1/4	1,294.84	1/4	1,033.30	1/4	773.26	1/4	511.86	1/4	250.34	1/4	4.31	1/4		1/4		1/4	
1/2	1,550.84	1/2	1,289.39	1/2	1,027.85	1/2	767.81	1/2	506.42	1/2	244.89	1/2	3.40	1/2		1/2		1/2	
3/4	1,545.40	3/4	1,283.95	3/4	1,022.40	3/4	762.37	3/4	500.97	3/4	239.44	3/4	2.49	3/4		3/4		3/4	
6	1,539.95	6	1,278.50	6	1,016.95	6	756.93	6	495.52	6	234.00	6	1.59	6		6		6	
1/4	1,534.51	1/4	1,273.05	1/4	1,011.51	1/4	751.48	1/4	490.07	1/4	228.55	1/4	0.68	1/4		1/4		1/4	
1/2	1,529.06	1/2	1,267.60	1/2	1,006.09	1/2	746.04	1/2	484.62	1/2	223.10	1/2		1/2		1/2		1/2	
3/4	1,523.62	3/4	1,262.15	3/4	1,000.68	3/4	740.60	3/4	479.17	3/4	217.65	3/4		3/4		3/4		3/4	
7	1,518.17	7	1,256.70	7	995.27	7	735.15	7	473.73	7	212.20	7		7		7		7	
1/4	1,512.73	1/4	1,251.25	1/4	989.86	1/4	729.71	1/4	468.28	1/4	206.75	1/4		1/4		1/4		1/4	
1/2	1,507.28	1/2	1,245.80	1/2	984.44	1/2	724.27	1/2	462.83	1/2	201.31	1/2		1/2		1/2		1/2	
3/4	1,501.84	3/4	1,240.36	3/4	979.03	3/4	718.82	3/4	457.38	3/4	195.86	3/4		3/4		3/4		3/4	
8	1,496.39	8	1,234.91	8	973.62	8	713.38	8	451.93	8	190.41	8		8		8		8	
1/4	1,490.94	1/4	1,229.46	1/4	968.21	1/4	707.94	1/4	446.48	1/4	184.96	1/4		1/4		1/4		1/4	
1/2	1,485.50	1/2	1,224.01	1/2	962.79	1/2	702.49	1/2	441.04	1/2	179.51	1/2		1/2		1/2		1/2	
3/4	1,480.05	3/4	1,218.56	3/4	957.38	3/4	697.05	3/4	435.59	3/4	174.06	3/4		3/4		3/4		3/4	
9	1,474.61	9	1,213.11	9	951.97	9	691.61	9	430.14	9	168.62	9		9		9		9	
1/4	1,469.16	1/4	1,207.66	1/4	946.56	1/4	686.16	1/4	424.69	1/4	163.17	1/4		1/4		1/4		1/4	
1/2	1,463.72	1/2	1,202.21	1/2	941.14	1/2	680.72	1/2	419.24	1/2	157.72	1/2		1/2		1/2		1/2	
3/4	1,458.27	3/4	1,196.77	3/4	935.73	3/4	675.28	3/4	413.79	3/4	152.27	3/4		3/4		3/4		3/4	
10	1,452.83	10	1,191.32	10	930.32	10	669.83	10	408.34	10	146.82	10		10		10		10	
1/4	1,447.38	1/4	1,185.87	1/4	924.91	1/4	664.39	1/4	402.90	1/4	141.38	1/4		1/4		1/4		1/4	
1/2	1,441.94	1/2	1,180.42	1/2	919.50	1/2	658.95	1/2	397.45	1/2	135.93	1/2		1/2		1/2		1/2	
3/4	1,436.49	3/4	1,174.97	3/4	914.08	3/4	653.50	3/4	392.00	3/4	130.49	3/4		3/4		3/4		3/4	
11	1,431.05	11	1,169.52	11	908.67	11	648.06	11	386.55	11	125.05	11		11		11		11	
1/4	1,425.60	1/4	1,164.07	1/4	903.26	1/4	642.62	1/4	381.10	1/4	119.60	1/4		1/4		1/4		1/4	
1/2	1,420.16	1/2	1,158.62	1/2	897.85	1/2	637.17	1/2	375.65	1/2	114.17	1/2		1/2		1/2		1/2	
3/4	1,414.71	3/4	1,153.17	3/4	892.43	3/4	631.72	3/4	370.21	3/4	108.74	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2014 CL  
CALCULATED: 01/09/2014 CL  
VERIFIED: 11/20/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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