



# BARGE "KIRBY 11360"

## ULLAGE TRIM TABLE

### FORMERLY "FMT 1000"

	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	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4
2 CENTER	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
3 CENTER	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

#### EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 169'-06"

August 4, 2023

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "KIRBY 11360"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 1000"

GAUGE HEIGHT 17'-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,026.15	0	1,752.13	0	1,478.11	0	1,204.09	0	930.07	0	656.68	0	382.65	0	108.70	0		0	
1/4	2,020.44	1/4	1,746.42	1/4	1,472.41	1/4	1,198.38	1/4	924.36	1/4	650.99	1/4	376.94	1/4	103.00	1/4		1/4	
1/2	2,014.73	1/2	1,740.71	1/2	1,466.70	1/2	1,192.67	1/2	918.65	1/2	645.30	1/2	371.22	1/2	97.30	1/2		1/2	
3/4	2,009.02	3/4	1,735.01	3/4	1,460.99	3/4	1,186.97	3/4	912.94	3/4	639.62	3/4	365.51	3/4	91.60	3/4		3/4	
1	2,003.31	1	1,729.30	1	1,455.28	1	1,181.26	1	907.23	1	633.93	1	359.80	1	85.90	1		1	
1/4	1,997.60	1/4	1,723.59	1/4	1,449.57	1/4	1,175.55	1/4	901.52	1/4	628.24	1/4	354.09	1/4	80.20	1/4		1/4	
1/2	1,991.89	1/2	1,717.88	1/2	1,443.86	1/2	1,169.84	1/2	895.82	1/2	622.55	1/2	348.37	1/2	74.50	1/2		1/2	
3/4	1,986.18	3/4	1,712.17	3/4	1,438.15	3/4	1,164.13	3/4	890.11	3/4	616.84	3/4	342.66	3/4	68.80	3/4		3/4	
2	1,980.47	2	1,706.46	2	1,432.44	2	1,158.42	2	884.40	2	611.14	2	336.95	2	63.10	2		2	
1/4	1,974.76	1/4	1,700.75	1/4	1,426.73	1/4	1,152.71	1/4	878.69	1/4	605.43	1/4	331.23	1/4	57.40	1/4		1/4	
1/2	1,969.06	1/2	1,695.04	1/2	1,421.03	1/2	1,147.00	1/2	872.99	1/2	599.72	1/2	325.52	1/2	51.70	1/2		1/2	
3/4	1,963.35	3/4	1,689.33	3/4	1,415.32	3/4	1,141.29	3/4	867.28	3/4	594.02	3/4	319.81	3/4	46.00	3/4		3/4	
3	1,957.64	3	1,683.63	3	1,409.61	3	1,135.59	3	861.56	3	588.31	3	314.09	3	40.30	3		3	
1/4	1,951.93	1/4	1,677.92	1/4	1,403.90	1/4	1,129.88	1/4	855.85	1/4	582.60	1/4	308.38	1/4	34.60	1/4		1/4	
1/2	1,946.23	1/2	1,672.21	1/2	1,398.20	1/2	1,124.17	1/2	850.14	1/2	576.90	1/2	302.67	1/2	28.90	1/2		1/2	
3/4	1,940.52	3/4	1,666.50	3/4	1,392.48	3/4	1,118.46	3/4	844.45	3/4	571.18	3/4	296.95	3/4	24.06	3/4		3/4	
4	1,934.81	4	1,660.79	4	1,386.77	4	1,112.75	4	838.75	4	565.47	4	291.24	4	19.21	4		4	
1/4	1,929.10	1/4	1,655.09	1/4	1,381.06	1/4	1,107.05	1/4	833.05	1/4	559.76	1/4	285.53	1/4	14.37	1/4		1/4	
1/2	1,923.39	1/2	1,649.38	1/2	1,375.35	1/2	1,101.34	1/2	827.35	1/2	554.04	1/2	279.81	1/2	9.53	1/2		1/2	
3/4	1,917.68	3/4	1,643.67	3/4	1,369.65	3/4	1,095.63	3/4	821.66	3/4	548.33	3/4	274.10	3/4	7.39	3/4		3/4	
5	1,911.97	5	1,637.96	5	1,363.94	5	1,089.92	5	815.97	5	542.62	5	268.39	5	5.26	5		5	
1/4	1,906.26	1/4	1,632.25	1/4	1,358.23	1/4	1,084.21	1/4	810.28	1/4	536.90	1/4	262.68	1/4	3.12	1/4		1/4	
1/2	1,900.55	1/2	1,626.54	1/2	1,352.52	1/2	1,078.50	1/2	804.59	1/2	531.19	1/2	256.96	1/2	0.99	1/2		1/2	
3/4	1,894.85	3/4	1,620.83	3/4	1,346.81	3/4	1,072.79	3/4	798.90	3/4	525.48	3/4	251.25	3/4		3/4		3/4	
6	1,889.14	6	1,615.12	6	1,341.10	6	1,067.08	6	793.22	6	519.76	6	245.54	6		6		6	
1/4	1,883.43	1/4	1,609.41	1/4	1,335.39	1/4	1,061.37	1/4	787.53	1/4	514.05	1/4	239.82	1/4		1/4		1/4	
1/2	1,877.72	1/2	1,603.71	1/2	1,329.68	1/2	1,055.67	1/2	781.84	1/2	508.34	1/2	234.11	1/2		1/2		1/2	
3/4	1,872.01	3/4	1,598.00	3/4	1,323.97	3/4	1,049.96	3/4	776.15	3/4	502.63	3/4	228.41	3/4		3/4		3/4	
7	1,866.31	7	1,592.29	7	1,318.27	7	1,044.25	7	770.47	7	496.91	7	222.70	7		7		7	
1/4	1,860.60	1/4	1,586.58	1/4	1,312.56	1/4	1,038.53	1/4	764.78	1/4	491.20	1/4	217.00	1/4		1/4		1/4	
1/2	1,854.89	1/2	1,580.88	1/2	1,306.85	1/2	1,032.82	1/2	759.09	1/2	485.49	1/2	211.30	1/2		1/2		1/2	
3/4	1,849.18	3/4	1,575.17	3/4	1,301.14	3/4	1,027.12	3/4	753.40	3/4	479.77	3/4	205.60	3/4		3/4		3/4	
8	1,843.47	8	1,569.45	8	1,295.43	8	1,021.41	8	747.71	8	474.06	8	199.90	8		8		8	
1/4	1,837.76	1/4	1,563.74	1/4	1,289.73	1/4	1,015.70	1/4	742.02	1/4	468.35	1/4	194.20	1/4		1/4		1/4	
1/2	1,832.05	1/2	1,558.03	1/2	1,284.02	1/2	1,009.99	1/2	736.33	1/2	462.63	1/2	188.50	1/2		1/2		1/2	
3/4	1,826.34	3/4	1,552.33	3/4	1,278.31	3/4	1,004.29	3/4	730.64	3/4	456.92	3/4	182.80	3/4		3/4		3/4	
9	1,820.63	9	1,546.62	9	1,272.60	9	998.58	9	724.95	9	451.21	9	177.10	9		9		9	
1/4	1,814.93	1/4	1,540.91	1/4	1,266.89	1/4	992.87	1/4	719.27	1/4	445.49	1/4	171.40	1/4		1/4		1/4	
1/2	1,809.22	1/2	1,535.20	1/2	1,261.18	1/2	987.16	1/2	713.58	1/2	439.78	1/2	165.70	1/2		1/2		1/2	
3/4	1,803.51	3/4	1,529.49	3/4	1,255.47	3/4	981.45	3/4	707.89	3/4	434.07	3/4	160.00	3/4		3/4		3/4	
10	1,797.80	10	1,523.78	10	1,249.76	10	975.74	10	702.20	10	428.36	10	154.30	10		10		10	
1/4	1,792.09	1/4	1,518.07	1/4	1,244.05	1/4	970.03	1/4	696.51	1/4	422.64	1/4	148.60	1/4		1/4		1/4	
1/2	1,786.39	1/2	1,512.36	1/2	1,238.35	1/2	964.32	1/2	690.82	1/2	416.93	1/2	142.90	1/2		1/2		1/2	
3/4	1,780.68	3/4	1,506.65	3/4	1,232.64	3/4	958.61	3/4	685.13	3/4	411.22	3/4	137.20	3/4		3/4		3/4	
11	1,774.97	11	1,500.95	11	1,226.93	11	952.90	11	679.44	11	405.50	11	131.50	11		11		11	
1/4	1,769.26	1/4	1,495.24	1/4	1,221.22	1/4	947.20	1/4	673.75	1/4	399.79	1/4	125.80	1/4		1/4		1/4	
1/2	1,763.55	1/2	1,489.53	1/2	1,215.51	1/2	941.49	1/2	668.07	1/2	394.08	1/2	120.10	1/2		1/2		1/2	
3/4	1,757.84	3/4	1,483.82	3/4	1,209.80	3/4	935.78	3/4	662.37	3/4	388.36	3/4	114.40	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2008 INT  
CALCULATED: 10/08/2008 INT  
VERIFIED: 08/03/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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<http://www.pmacorp.net>







# BARGE "KIRBY 11360"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 1000"

GAUGE HEIGHT 17'-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	1,860.49	0	1,610.64	0	1,360.78	0	1,110.91	0	861.05	0	611.76	0	362.12	0	112.30	0		0	
1/4	1,855.29	1/4	1,605.43	1/4	1,355.57	1/4	1,105.70	1/4	855.85	1/4	606.58	1/4	356.92	1/4	107.09	1/4		1/4	
1/2	1,850.08	1/2	1,600.23	1/2	1,350.37	1/2	1,100.50	1/2	850.64	1/2	601.39	1/2	351.72	1/2	101.89	1/2		1/2	
3/4	1,844.88	3/4	1,595.02	3/4	1,345.16	3/4	1,095.30	3/4	845.43	3/4	596.21	3/4	346.51	3/4	96.68	3/4		3/4	
1	1,839.67	1	1,589.82	1	1,339.95	1	1,090.09	1	840.23	1	591.02	1	341.31	1	91.48	1		1	
1/4	1,834.46	1/4	1,584.61	1/4	1,334.75	1/4	1,084.89	1/4	835.02	1/4	585.83	1/4	336.10	1/4	86.28	1/4		1/4	
1/2	1,829.26	1/2	1,579.41	1/2	1,329.54	1/2	1,079.68	1/2	829.82	1/2	580.65	1/2	330.90	1/2	81.07	1/2		1/2	
3/4	1,824.05	3/4	1,574.20	3/4	1,324.34	3/4	1,074.48	3/4	824.61	3/4	575.46	3/4	325.69	3/4	75.87	3/4		3/4	
2	1,818.85	2	1,568.99	2	1,319.13	2	1,069.27	2	819.41	2	570.28	2	320.49	2	70.66	2		2	
1/4	1,813.65	1/4	1,563.79	1/4	1,313.93	1/4	1,064.06	1/4	814.20	1/4	565.10	1/4	315.28	1/4	65.46	1/4		1/4	
1/2	1,808.44	1/2	1,558.58	1/2	1,308.72	1/2	1,058.86	1/2	809.00	1/2	559.89	1/2	310.07	1/2	60.25	1/2		1/2	
3/4	1,803.23	3/4	1,553.38	3/4	1,303.52	3/4	1,053.65	3/4	803.79	3/4	554.69	3/4	304.87	3/4	55.05	3/4		3/4	
3	1,798.03	3	1,548.17	3	1,298.31	3	1,048.45	3	798.58	3	549.49	3	299.67	3	49.84	3		3	
1/4	1,792.82	1/4	1,542.96	1/4	1,293.10	1/4	1,043.25	1/4	793.38	1/4	544.28	1/4	294.46	1/4	44.64	1/4		1/4	
1/2	1,787.62	1/2	1,537.76	1/2	1,287.90	1/2	1,038.04	1/2	788.17	1/2	539.08	1/2	289.26	1/2	39.43	1/2		1/2	
3/4	1,782.41	3/4	1,532.55	3/4	1,282.69	3/4	1,032.83	3/4	782.97	3/4	533.87	3/4	284.06	3/4	34.23	3/4		3/4	
4	1,777.21	4	1,527.35	4	1,277.49	4	1,027.63	4	777.76	4	528.67	4	278.85	4	29.02	4		4	
1/4	1,772.01	1/4	1,522.15	1/4	1,272.28	1/4	1,022.42	1/4	772.55	1/4	523.47	1/4	273.65	1/4	23.82	1/4		1/4	
1/2	1,766.80	1/2	1,516.94	1/2	1,267.08	1/2	1,017.21	1/2	767.36	1/2	518.26	1/2	268.44	1/2	19.83	1/2		1/2	
3/4	1,761.59	3/4	1,511.73	3/4	1,261.87	3/4	1,012.01	3/4	762.16	3/4	513.06	3/4	263.24	3/4	15.84	3/4		3/4	
5	1,756.39	5	1,506.53	5	1,256.67	5	1,006.80	5	756.97	5	507.85	5	258.04	5	11.85	5		5	
1/4	1,751.18	1/4	1,501.32	1/4	1,251.46	1/4	1,001.60	1/4	751.78	1/4	502.65	1/4	252.83	1/4	7.86	1/4		1/4	
1/2	1,745.98	1/2	1,496.12	1/2	1,246.26	1/2	996.39	1/2	746.59	1/2	497.45	1/2	247.63	1/2	6.12	1/2		1/2	
3/4	1,740.77	3/4	1,490.91	3/4	1,241.05	3/4	991.19	3/4	741.40	3/4	492.24	3/4	242.42	3/4	4.39	3/4		3/4	
6	1,735.57	6	1,485.71	6	1,235.84	6	985.98	6	736.22	6	487.04	6	237.21	6	2.66	6		6	
1/4	1,730.36	1/4	1,480.51	1/4	1,230.64	1/4	980.78	1/4	731.03	1/4	481.83	1/4	232.01	1/4	0.92	1/4		1/4	
1/2	1,725.16	1/2	1,475.30	1/2	1,225.43	1/2	975.57	1/2	725.85	1/2	476.63	1/2	226.80	1/2		1/2		1/2	
3/4	1,719.95	3/4	1,470.09	3/4	1,220.23	3/4	970.37	3/4	720.66	3/4	471.43	3/4	221.60	3/4		3/4		3/4	
7	1,714.74	7	1,464.89	7	1,215.03	7	965.16	7	715.47	7	466.22	7	216.39	7		7		7	
1/4	1,709.54	1/4	1,459.68	1/4	1,209.82	1/4	959.95	1/4	710.29	1/4	461.02	1/4	211.19	1/4		1/4		1/4	
1/2	1,704.33	1/2	1,454.47	1/2	1,204.62	1/2	954.75	1/2	705.10	1/2	455.81	1/2	205.99	1/2		1/2		1/2	
3/4	1,699.13	3/4	1,449.27	3/4	1,199.41	3/4	949.54	3/4	699.92	3/4	450.61	3/4	200.78	3/4		3/4		3/4	
8	1,693.93	8	1,444.06	8	1,194.20	8	944.33	8	694.73	8	445.40	8	195.58	8		8		8	
1/4	1,688.72	1/4	1,438.85	1/4	1,189.00	1/4	939.13	1/4	689.55	1/4	440.19	1/4	190.37	1/4		1/4		1/4	
1/2	1,683.52	1/2	1,433.65	1/2	1,183.79	1/2	933.92	1/2	684.36	1/2	434.99	1/2	185.17	1/2		1/2		1/2	
3/4	1,678.31	3/4	1,428.45	3/4	1,178.58	3/4	928.72	3/4	679.18	3/4	429.78	3/4	179.96	3/4		3/4		3/4	
9	1,673.10	9	1,423.24	9	1,173.38	9	923.52	9	673.99	9	424.58	9	174.76	9		9		9	
1/4	1,667.90	1/4	1,418.04	1/4	1,168.17	1/4	918.31	1/4	668.80	1/4	419.38	1/4	169.55	1/4		1/4		1/4	
1/2	1,662.69	1/2	1,412.83	1/2	1,162.97	1/2	913.11	1/2	663.62	1/2	414.17	1/2	164.35	1/2		1/2		1/2	
3/4	1,657.48	3/4	1,407.63	3/4	1,157.76	3/4	907.90	3/4	658.43	3/4	408.97	3/4	159.14	3/4		3/4		3/4	
10	1,652.28	10	1,402.42	10	1,152.56	10	902.69	10	653.25	10	403.77	10	153.94	10		10		10	
1/4	1,647.07	1/4	1,397.21	1/4	1,147.35	1/4	897.49	1/4	648.06	1/4	398.56	1/4	148.73	1/4		1/4		1/4	
1/2	1,641.87	1/2	1,392.01	1/2	1,142.15	1/2	892.28	1/2	642.88	1/2	393.36	1/2	143.53	1/2		1/2		1/2	
3/4	1,636.66	3/4	1,386.81	3/4	1,136.94	3/4	887.07	3/4	637.69	3/4	388.15	3/4	138.33	3/4		3/4		3/4	
11	1,631.46	11	1,381.60	11	1,131.74	11	881.87	11	632.51	11	382.94	11	133.12	11		11		11	
1/4	1,626.26	1/4	1,376.40	1/4	1,126.53	1/4	876.66	1/4	627.32	1/4	377.74	1/4	127.92	1/4		1/4		1/4	
1/2	1,621.05	1/2	1,371.19	1/2	1,121.32	1/2	871.46	1/2	622.14	1/2	372.53	1/2	122.71	1/2		1/2		1/2	
3/4	1,615.84	3/4	1,365.98	3/4	1,116.12	3/4	866.25	3/4	616.95	3/4	367.33	3/4	117.50	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2008 INT  
CALCULATED: 10/08/2008 INT  
VERIFIED: 08/03/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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





# BARGE "KIRBY 11360"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 1000"

GAUGE HEIGHT 17'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	3,586.25	0	3,344.43	0	3,095.73	0	2,847.02	0	2,598.31	0	2,349.61	0	2,100.90		
1/4	1/4	1/4	1/4	1/4	3,582.80	1/4	3,339.25	1/4	3,090.55	1/4	2,841.84	1/4	2,593.13	1/4	2,344.43	1/4	2,095.72		
1/2	1/2	1/2	1/2	1/2	3,578.91	1/2	3,334.07	1/2	3,085.36	1/2	2,836.66	1/2	2,587.95	1/2	2,339.25	1/2	2,090.53		
3/4	3/4	3/4	3/4	3/4	3,575.02	3/4	3,328.88	3/4	3,080.18	3/4	2,831.48	3/4	2,582.77	3/4	2,334.07	3/4	2,085.35		
1	1	1	1	1	3,571.12	1	3,323.70	1	3,075.00	1	2,826.30	1	2,577.59	1	2,328.88	1	2,080.17		
1/4	1/4	1/4	1/4	1/4	3,567.23	1/4	3,318.52	1/4	3,069.82	1/4	2,821.12	1/4	2,572.41	1/4	2,323.70	1/4	2,074.99		
1/2	1/2	1/2	1/2	1/2	3,562.05	1/2	3,313.34	1/2	3,064.64	1/2	2,815.93	1/2	2,567.23	1/2	2,318.52	1/2	2,069.81		
3/4	3/4	3/4	3/4	3/4	3,556.87	3/4	3,308.16	3/4	3,059.45	3/4	2,810.75	3/4	2,562.05	3/4	2,313.34	3/4	2,064.62		
2	2	2	2	2	3,551.69	2	3,302.98	2	3,054.27	2	2,805.57	2	2,556.87	2	2,308.16	2	2,059.44		
1/4	1/4	1/4	1/4	1/4	3,546.50	1/4	3,297.80	1/4	3,049.09	1/4	2,800.39	1/4	2,551.69	1/4	2,302.98	1/4	2,054.26		
1/2	1/2	1/2	1/2	1/2	3,541.32	1/2	3,292.62	1/2	3,043.91	1/2	2,795.21	1/2	2,546.50	1/2	2,297.80	1/2	2,049.08		
3/4	3/4	3/4	3/4	3/4	3,536.14	3/4	3,287.44	3/4	3,038.73	3/4	2,790.02	3/4	2,541.32	3/4	2,292.62	3/4	2,043.90		
3	3	3	3	3	3,530.96	3	3,282.26	3	3,033.55	3	2,784.84	3	2,536.14	3	2,287.44	3	2,038.72		
1/4	1/4	1/4	1/4	1/4	3,525.78	1/4	3,277.07	1/4	3,028.37	1/4	2,779.66	1/4	2,530.96	1/4	2,282.26	1/4	2,033.53		
1/2	1/2	1/2	1/2	1/2	3,520.59	1/2	3,271.89	1/2	3,023.19	1/2	2,774.48	1/2	2,525.78	1/2	2,277.07	1/2	2,028.35		
3/4	3/4	3/4	3/4	3/4	3,515.41	3/4	3,266.71	3/4	3,018.01	3/4	2,769.30	3/4	2,520.59	3/4	2,271.89	3/4	2,023.17		
4	4	4	4	4	3,510.23	4	3,261.53	4	3,012.83	4	2,764.12	4	2,515.41	4	2,266.71	4	2,017.99		
1/4	1/4	1/4	1/4	1/4	3,505.05	1/4	3,256.35	1/4	3,007.64	1/4	2,758.94	1/4	2,510.23	1/4	2,261.53	1/4	2,012.81		
1/2	1/2	1/2	1/2	1/2	3,499.87	1/2	3,251.16	1/2	3,002.46	1/2	2,753.76	1/2	2,505.05	1/2	2,256.35	1/2	2,007.62		
3/4	3/4	3/4	3/4	3/4	3,494.69	3/4	3,245.98	3/4	2,997.28	3/4	2,748.58	3/4	2,499.87	3/4	2,251.16	3/4	2,002.44		
5	5	5	5	5	3,489.51	5	3,240.80	5	2,992.10	5	2,743.40	5	2,494.69	5	2,245.98	5	1,997.26		
1/4	1/4	1/4	1/4	1/4	3,484.33	1/4	3,235.62	1/4	2,986.92	1/4	2,738.21	1/4	2,489.51	1/4	2,240.80	1/4	1,992.08		
1/2	1/2	1/2	1/2	1/2	3,479.15	1/2	3,230.44	1/2	2,981.73	1/2	2,733.03	1/2	2,484.33	1/2	2,235.62	1/2	1,986.90		
3/4	3/4	3/4	3/4	3/4	3,473.97	3/4	3,225.26	3/4	2,976.55	3/4	2,727.85	3/4	2,479.15	3/4	2,230.44	3/4	1,981.71		
6	6	6	6	6	3,468.79	6	3,220.08	6	2,971.37	6	2,722.67	6	2,473.97	6	2,225.26	6	1,976.53		
1/4	1/4	1/4	1/4	1/4	3,463.60	1/4	3,214.90	1/4	2,966.19	1/4	2,717.49	1/4	2,468.79	1/4	2,220.08	1/4	1,971.35		
1/2	1/2	1/2	1/2	1/2	3,458.42	1/2	3,209.72	1/2	2,961.01	1/2	2,712.31	1/2	2,463.60	1/2	2,214.90	1/2	1,966.17		
3/4	3/4	3/4	3/4	3/4	3,453.24	3/4	3,204.54	3/4	2,955.83	3/4	2,707.12	3/4	2,458.42	3/4	2,209.72	3/4	1,960.99		
7	7	7	7	7	3,448.06	7	3,199.36	7	2,950.65	7	2,701.94	7	2,453.24	7	2,204.54	7	1,955.80		
1/4	1/4	1/4	1/4	1/4	3,442.88	1/4	3,194.17	1/4	2,945.47	1/4	2,696.76	1/4	2,448.06	1/4	2,199.35	1/4	1,950.62		
1/2	1/2	1/2	1/2	1/2	3,437.69	1/2	3,188.99	1/2	2,940.29	1/2	2,691.58	1/2	2,442.88	1/2	2,194.17	1/2	1,945.44		
3/4	3/4	3/4	3/4	3/4	3,432.51	3/4	3,183.81	3/4	2,935.11	3/4	2,686.40	3/4	2,437.69	3/4	2,188.99	3/4	1,940.26		
8	8	8	8	8	3,427.33	8	3,178.63	8	2,929.93	8	2,681.21	8	2,432.51	8	2,183.81	8	1,935.08		
1/4	1/4	1/4	1/4	1/4	3,422.15	1/4	3,173.45	1/4	2,924.74	1/4	2,676.03	1/4	2,427.33	1/4	2,178.63	1/4	1,929.90		
1/2	1/2	1/2	1/2	1/2	3,416.97	1/2	3,168.26	1/2	2,919.56	1/2	2,670.85	1/2	2,422.15	1/2	2,173.44	1/2	1,924.71		
3/4	3/4	3/4	3/4	3/4	3,411.78	3/4	3,163.08	3/4	2,914.38	3/4	2,665.67	3/4	2,416.97	3/4	2,168.26	3/4	1,919.53		
9	9	9	9	9	3,406.60	9	3,157.90	9	2,909.20	9	2,660.49	9	2,411.78	9	2,163.08	9	1,914.35		
1/4	1/4	1/4	1/4	1/4	3,401.42	1/4	3,152.72	1/4	2,904.02	1/4	2,655.31	1/4	2,406.60	1/4	2,157.90	1/4	1,909.17		
1/2	1/2	1/2	1/2	1/2	3,396.24	1/2	3,147.54	1/2	2,898.83	1/2	2,650.13	1/2	2,401.42	1/2	2,152.72	1/2	1,903.99		
3/4	3/4	3/4	3/4	3/4	3,391.06	3/4	3,142.35	3/4	2,893.65	3/4	2,644.95	3/4	2,396.24	3/4	2,147.53	3/4	1,898.80		
10	10	10	10	10	3,604.15	10	3,385.88	10	3,137.17	10	2,888.47	10	2,639.77	10	2,391.06	10	2,142.35	10	1,893.62
1/4	1/4	1/4	1/4	1/4	3,603.50	1/4	3,380.70	1/4	3,131.99	1/4	2,883.29	1/4	2,634.59	1/4	2,385.88	1/4	2,137.17	1/4	1,888.44
1/2	1/2	1/2	1/2	1/2	3,601.78	1/2	3,375.52	1/2	3,126.81	1/2	2,878.11	1/2	2,629.40	1/2	2,380.70	1/2	2,131.99	1/2	1,883.26
3/4	3/4	3/4	3/4	3/4	3,600.05	3/4	3,370.34	3/4	3,121.63	3/4	2,872.92	3/4	2,624.22	3/4	2,375.52	3/4	2,126.81	3/4	1,878.08
11	11	11	11	11	3,598.33	11	3,365.16	11	3,116.45	11	2,867.74	11	2,619.04	11	2,370.34	11	2,121.63	11	1,872.89
1/4	1/4	1/4	1/4	1/4	3,596.60	1/4	3,359.97	1/4	3,111.27	1/4	2,862.56	1/4	2,613.86	1/4	2,365.16	1/4	2,116.44	1/4	1,867.71
1/2	1/2	1/2	1/2	1/2	3,593.15	1/2	3,354.79	1/2	3,106.09	1/2	2,857.38	1/2	2,608.68	1/2	2,359.97	1/2	2,111.26	1/2	1,862.53
3/4	3/4	3/4	3/4	3/4	3,589.70	3/4	3,349.61	3/4	3,100.91	3/4	2,852.20	3/4	2,603.49	3/4	2,354.79	3/4	2,106.08	3/4	1,857.35

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "KIRBY 11360"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 1000"

GAUGE HEIGHT 17'-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	1,852.17	0	1,603.43	0	1,354.68	0	1,105.94	0	857.20	0	609.03	0	360.51	0	111.68	0		0	
1/4	1,846.98	1/4	1,598.24	1/4	1,349.50	1/4	1,100.76	1/4	852.02	1/4	603.87	1/4	355.32	1/4	106.49	1/4		1/4	
1/2	1,841.80	1/2	1,593.06	1/2	1,344.32	1/2	1,095.58	1/2	846.83	1/2	598.70	1/2	350.14	1/2	101.31	1/2		1/2	
3/4	1,836.62	3/4	1,587.88	3/4	1,339.14	3/4	1,090.40	3/4	841.65	3/4	593.54	3/4	344.96	3/4	96.14	3/4		3/4	
1	1,831.44	1	1,582.70	1	1,333.96	1	1,085.21	1	836.46	1	588.38	1	339.78	1	90.96	1		1	
1/4	1,826.26	1/4	1,577.52	1/4	1,328.77	1/4	1,080.03	1/4	831.28	1/4	583.22	1/4	334.60	1/4	85.79	1/4		1/4	
1/2	1,821.08	1/2	1,572.33	1/2	1,323.59	1/2	1,074.85	1/2	826.10	1/2	578.05	1/2	329.42	1/2	80.61	1/2		1/2	
3/4	1,815.89	3/4	1,567.15	3/4	1,318.41	3/4	1,069.67	3/4	820.92	3/4	572.89	3/4	324.24	3/4	75.44	3/4		3/4	
2	1,810.71	2	1,561.97	2	1,313.23	2	1,064.49	2	815.73	2	567.73	2	319.06	2	70.26	2		2	
1/4	1,805.53	1/4	1,556.79	1/4	1,308.05	1/4	1,059.30	1/4	810.55	1/4	562.56	1/4	313.88	1/4	65.09	1/4		1/4	
1/2	1,800.35	1/2	1,551.61	1/2	1,302.86	1/2	1,054.12	1/2	805.37	1/2	557.38	1/2	308.70	1/2	59.91	1/2		1/2	
3/4	1,795.17	3/4	1,546.42	3/4	1,297.68	3/4	1,048.94	3/4	800.19	3/4	552.20	3/4	303.51	3/4	54.74	3/4		3/4	
3	1,789.98	3	1,541.24	3	1,292.50	3	1,043.76	3	795.01	3	547.02	3	298.33	3	49.56	3		3	
1/4	1,784.80	1/4	1,536.06	1/4	1,287.32	1/4	1,038.58	1/4	789.82	1/4	541.84	1/4	293.15	1/4	44.39	1/4		1/4	
1/2	1,779.62	1/2	1,530.88	1/2	1,282.14	1/2	1,033.39	1/2	784.64	1/2	536.66	1/2	287.97	1/2	39.21	1/2		1/2	
3/4	1,774.44	3/4	1,525.70	3/4	1,276.95	3/4	1,028.21	3/4	779.46	3/4	531.48	3/4	282.79	3/4	34.04	3/4		3/4	
4	1,769.26	4	1,520.51	4	1,271.77	4	1,023.02	4	774.28	4	526.30	4	277.61	4	28.86	4		4	
1/4	1,764.07	1/4	1,515.33	1/4	1,266.59	1/4	1,017.84	1/4	769.10	1/4	521.13	1/4	272.42	1/4	23.69	1/4		1/4	
1/2	1,758.89	1/2	1,510.15	1/2	1,261.41	1/2	1,012.66	1/2	763.92	1/2	515.94	1/2	267.24	1/2	19.72	1/2		1/2	
3/4	1,753.71	3/4	1,504.97	3/4	1,256.23	3/4	1,007.47	3/4	758.75	3/4	510.76	3/4	262.06	3/4	15.75	3/4		3/4	
5	1,748.53	5	1,499.79	5	1,251.04	5	1,002.29	5	753.58	5	505.58	5	256.88	5	11.78	5		5	
1/4	1,743.35	1/4	1,494.60	1/4	1,245.86	1/4	997.11	1/4	748.41	1/4	500.40	1/4	251.70	1/4	7.81	1/4		1/4	
1/2	1,738.16	1/2	1,489.42	1/2	1,240.68	1/2	991.93	1/2	743.25	1/2	495.22	1/2	246.51	1/2	6.09	1/2		1/2	
3/4	1,732.98	3/4	1,484.24	3/4	1,235.50	3/4	986.75	3/4	738.09	3/4	490.04	3/4	241.33	3/4	4.37	3/4		3/4	
6	1,727.80	6	1,479.06	6	1,230.32	6	981.56	6	732.92	6	484.86	6	236.15	6	2.64	6		6	
1/4	1,722.62	1/4	1,473.88	1/4	1,225.14	1/4	976.38	1/4	727.76	1/4	479.68	1/4	230.97	1/4	0.92	1/4		1/4	
1/2	1,717.44	1/2	1,468.70	1/2	1,219.95	1/2	971.20	1/2	722.60	1/2	474.50	1/2	225.79	1/2		1/2		1/2	
3/4	1,712.26	3/4	1,463.51	3/4	1,214.77	3/4	966.02	3/4	717.44	3/4	469.32	3/4	220.61	3/4		3/4		3/4	
7	1,707.07	7	1,458.33	7	1,209.59	7	960.84	7	712.28	7	464.13	7	215.43	7		7		7	
1/4	1,701.89	1/4	1,453.15	1/4	1,204.41	1/4	955.66	1/4	707.11	1/4	458.95	1/4	210.25	1/4		1/4		1/4	
1/2	1,696.71	1/2	1,447.97	1/2	1,199.22	1/2	950.47	1/2	701.95	1/2	453.77	1/2	205.06	1/2		1/2		1/2	
3/4	1,691.53	3/4	1,442.79	3/4	1,194.04	3/4	945.29	3/4	696.79	3/4	448.59	3/4	199.87	3/4		3/4		3/4	
8	1,686.35	8	1,437.60	8	1,188.85	8	940.11	8	691.62	8	443.41	8	194.69	8		8		8	
1/4	1,681.16	1/4	1,432.42	1/4	1,183.67	1/4	934.93	1/4	686.46	1/4	438.22	1/4	189.50	1/4		1/4		1/4	
1/2	1,675.98	1/2	1,427.24	1/2	1,178.49	1/2	929.75	1/2	681.29	1/2	433.05	1/2	184.31	1/2		1/2		1/2	
3/4	1,670.80	3/4	1,422.06	3/4	1,173.31	3/4	924.56	3/4	676.13	3/4	427.87	3/4	179.12	3/4		3/4		3/4	
9	1,665.62	9	1,416.88	9	1,168.12	9	919.38	9	670.97	9	422.69	9	173.93	9		9		9	
1/4	1,660.44	1/4	1,411.69	1/4	1,162.94	1/4	914.20	1/4	665.81	1/4	417.51	1/4	168.75	1/4		1/4		1/4	
1/2	1,655.25	1/2	1,406.51	1/2	1,157.76	1/2	909.02	1/2	660.65	1/2	412.33	1/2	163.56	1/2		1/2		1/2	
3/4	1,650.07	3/4	1,401.33	3/4	1,152.58	3/4	903.84	3/4	655.48	3/4	407.14	3/4	158.37	3/4		3/4		3/4	
10	1,644.89	10	1,396.15	10	1,147.40	10	898.65	10	650.32	10	401.96	10	153.18	10		10		10	
1/4	1,639.71	1/4	1,390.97	1/4	1,142.21	1/4	893.47	1/4	645.16	1/4	396.78	1/4	147.99	1/4		1/4		1/4	
1/2	1,634.53	1/2	1,385.78	1/2	1,137.03	1/2	888.29	1/2	640.00	1/2	391.60	1/2	142.81	1/2		1/2		1/2	
3/4	1,629.34	3/4	1,380.60	3/4	1,131.85	3/4	883.11	3/4	634.84	3/4	386.42	3/4	137.62	3/4		3/4		3/4	
11	1,624.16	11	1,375.41	11	1,126.67	11	877.93	11	629.68	11	381.23	11	132.43	11		11		11	
1/4	1,618.98	1/4	1,370.23	1/4	1,121.49	1/4	872.74	1/4	624.51	1/4	376.05	1/4	127.24	1/4		1/4		1/4	
1/2	1,613.80	1/2	1,365.05	1/2	1,116.30	1/2	867.56	1/2	619.35	1/2	370.87	1/2	122.05	1/2		1/2		1/2	
3/4	1,608.61	3/4	1,359.86	3/4	1,111.12	3/4	862.38	3/4	614.19	3/4	365.69	3/4	116.87	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2008 INT  
CALCULATED: 10/08/2008 INT  
VERIFIED: 08/03/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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





# BARGE "KIRBY 11360"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "FMT 1000"

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	95	0	224	0	353	0	477	0		0		0		0		0	
1/4	1	1/4	98	1/4	227	1/4	356	1/4	479	1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	100	1/2	229	1/2	359	1/2	481	1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	103	3/4	232	3/4	361	3/4	483	3/4		3/4		3/4		3/4		3/4	
1	3	1	105	1	235	1	364	1	485	1		1		1		1		1	
1/4	4	1/4	108	1/4	237	1/4	367	1/4	487	1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	111	1/2	240	1/2	370	1/2	489	1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	114	3/4	243	3/4	372	3/4	491	3/4		3/4		3/4		3/4		3/4	
2	7	2	116	2	246	2	375	2	493	2		2		2		2		2	
1/4	9	1/4	119	1/4	248	1/4	378	1/4	494	1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	122	1/2	251	1/2	380	1/2	496	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	124	3/4	254	3/4	383	3/4	498	3/4		3/4		3/4		3/4		3/4	
3	13	3	127	3	256	3	386	3	499	3		3		3		3		3	
1/4	15	1/4	130	1/4	259	1/4	388	1/4	501	1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	132	1/2	262	1/2	391	1/2	502	1/2		1/2		1/2		1/2		1/2	
3/4	18	3/4	135	3/4	264	3/4	394	3/4	504	3/4		3/4		3/4		3/4		3/4	
4	20	4	138	4	267	4	396	4	505	4		4		4		4		4	
1/4	22	1/4	140	1/4	270	1/4	399	1/4	507	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	143	1/2	273	1/2	402	1/2	508	1/2		1/2		1/2		1/2		1/2	
3/4	26	3/4	146	3/4	275	3/4	405	3/4	509	3/4		3/4		3/4		3/4		3/4	
5	28	5	149	5	278	5	407	5	510	5		5		5		5		5	
1/4	30	1/4	151	1/4	281	1/4	410	1/4	511	1/4		1/4		1/4		1/4		1/4	
1/2	32	1/2	154	1/2	283	1/2	412	1/2	511	1/2		1/2		1/2		1/2		1/2	
3/4	34	3/4	157	3/4	286	3/4	415	3/4	512	3/4		3/4		3/4		3/4		3/4	
6	36	6	159	6	289	6	418	6	513	6		6		6		6		6	
1/4	38	1/4	162	1/4	291	1/4	420	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41	1/2	165	1/2	294	1/2	423	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	43	3/4	167	3/4	297	3/4	426	3/4		3/4		3/4		3/4		3/4		3/4	
7	45	7	170	7	299	7	428	7		7		7		7		7		7	
1/4	47	1/4	173	1/4	302	1/4	431	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	50	1/2	175	1/2	305	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	52	3/4	178	3/4	308	3/4	436	3/4		3/4		3/4		3/4		3/4		3/4	
8	54	8	181	8	310	8	439	8		8		8		8		8		8	
1/4	57	1/4	184	1/4	313	1/4	441	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59	1/2	186	1/2	316	1/2	444	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	62	3/4	189	3/4	318	3/4	446	3/4		3/4		3/4		3/4		3/4		3/4	
9	64	9	192	9	321	9	449	9		9		9		9		9		9	
1/4	67	1/4	194	1/4	324	1/4	451	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	69	1/2	197	1/2	326	1/2	453	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72	3/4	200	3/4	329	3/4	456	3/4		3/4		3/4		3/4		3/4		3/4	
10	74	10	202	10	332	10	458	10		10		10		10		10		10	
1/4	77	1/4	205	1/4	334	1/4	461	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	79	1/2	208	1/2	337	1/2	463	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	82	3/4	211	3/4	340	3/4	465	3/4		3/4		3/4		3/4		3/4		3/4	
11	84	11	213	11	343	11	468	11		11		11		11		11		11	
1/4	87	1/4	216	1/4	345	1/4	470	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	90	1/2	219	1/2	348	1/2	472	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	92	3/4	221	3/4	351	3/4	474	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

STRAPPED: 08/03/2023 CL  
CALCULATED: 08/04/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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