



# BARGE "KIRBY 10611"

## 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	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 CENTER	00-1/8	- 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"

February 14, 2024

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

<http://www.pmacorp.net>



# BARGE "KIRBY 10611"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,574.59	0	3,321.73	0	3,068.87	0	2,813.96	0	2,518.42	0	2,222.18
1/4		1/4		1/4		1/4		1/4	3,569.32	1/4	3,316.46	1/4	3,063.60	1/4	2,807.76	1/4	2,512.25	1/4	2,216.00
1/2		1/2		1/2		1/2		1/2	3,564.05	1/2	3,311.19	1/2	3,058.33	1/2	2,801.57	1/2	2,506.08	1/2	2,209.83
3/4		3/4		3/4		3/4		3/4	3,558.78	3/4	3,305.92	3/4	3,053.07	3/4	2,795.42	3/4	2,499.91	3/4	2,203.66
1		1		1		1		1	3,553.52	1	3,300.66	1	3,047.80	1	2,789.26	1	2,493.73	1	2,197.49
1/4		1/4		1/4		1/4		1/4	3,548.25	1/4	3,295.39	1/4	3,042.53	1/4	2,783.11	1/4	2,487.56	1/4	2,191.32
1/2		1/2		1/2		1/2	3,763.77	1/2	3,542.98	1/2	3,290.12	1/2	3,037.26	1/2	2,776.96	1/2	2,481.39	1/2	2,185.14
3/4		3/4		3/4		3/4	3,762.74	3/4	3,537.71	3/4	3,284.85	3/4	3,031.99	3/4	2,770.80	3/4	2,475.22	3/4	2,178.97
2		2		2		2	3,761.71	2	3,532.44	2	3,279.59	2	3,026.73	2	2,764.65	2	2,469.05	2	2,172.80
1/4		1/4		1/4		1/4	3,760.68	1/4	3,527.18	1/4	3,274.32	1/4	3,021.46	1/4	2,758.50	1/4	2,462.88	1/4	2,166.63
1/2		1/2		1/2		1/2	3,759.64	1/2	3,521.91	1/2	3,269.05	1/2	3,016.19	1/2	2,752.35	1/2	2,456.70	1/2	2,160.46
3/4		3/4		3/4		3/4	3,756.54	3/4	3,516.64	3/4	3,263.78	3/4	3,010.92	3/4	2,746.19	3/4	2,450.53	3/4	2,154.29
3		3		3		3	3,753.45	3	3,511.37	3	3,258.51	3	3,005.65	3	2,740.04	3	2,444.36	3	2,148.11
1/4		1/4		1/4		1/4	3,750.35	1/4	3,506.11	1/4	3,253.25	1/4	3,000.39	1/4	2,733.89	1/4	2,438.19	1/4	2,141.94
1/2		1/2		1/2		1/2	3,747.25	1/2	3,500.84	1/2	3,247.98	1/2	2,995.12	1/2	2,727.73	1/2	2,432.02	1/2	2,135.77
3/4		3/4		3/4		3/4	3,743.10	3/4	3,495.57	3/4	3,242.71	3/4	2,989.85	3/4	2,721.58	3/4	2,425.84	3/4	2,129.60
4		4		4		4	3,738.95	4	3,490.30	4	3,237.44	4	2,984.58	4	2,715.43	4	2,419.67	4	2,123.43
1/4		1/4		1/4		1/4	3,734.80	1/4	3,485.03	1/4	3,232.17	1/4	2,979.32	1/4	2,709.27	1/4	2,413.50	1/4	2,117.25
1/2		1/2		1/2		1/2	3,730.66	1/2	3,479.77	1/2	3,226.91	1/2	2,974.05	1/2	2,703.12	1/2	2,407.33	1/2	2,111.08
3/4		3/4		3/4		3/4	3,725.52	3/4	3,474.50	3/4	3,221.64	3/4	2,968.78	3/4	2,696.97	3/4	2,401.16	3/4	2,104.91
5		5		5		5	3,720.39	5	3,469.23	5	3,216.37	5	2,963.51	5	2,690.82	5	2,394.99	5	2,098.74
1/4		1/4		1/4		1/4	3,715.25	1/4	3,463.96	1/4	3,211.10	1/4	2,958.24	1/4	2,684.66	1/4	2,388.81	1/4	2,092.57
1/2		1/2		1/2		1/2	3,710.12	1/2	3,458.69	1/2	3,205.83	1/2	2,952.98	1/2	2,678.51	1/2	2,382.64	1/2	2,086.40
3/4		3/4		3/4		3/4	3,704.95	3/4	3,453.43	3/4	3,200.57	3/4	2,947.71	3/4	2,672.36	3/4	2,376.47	3/4	2,080.22
6		6		6		6	3,699.78	6	3,448.16	6	3,195.30	6	2,942.44	6	2,666.20	6	2,370.30	6	2,074.05
1/4		1/4		1/4		1/4	3,694.61	1/4	3,442.89	1/4	3,190.03	1/4	2,937.17	1/4	2,660.05	1/4	2,364.13	1/4	2,067.88
1/2		1/2		1/2		1/2	3,689.44	1/2	3,437.62	1/2	3,184.76	1/2	2,931.90	1/2	2,653.90	1/2	2,357.95	1/2	2,061.71
3/4		3/4		3/4		3/4	3,684.26	3/4	3,432.35	3/4	3,179.50	3/4	2,926.64	3/4	2,647.75	3/4	2,351.78	3/4	2,055.54
7		7		7		7	3,679.08	7	3,427.09	7	3,174.23	7	2,921.37	7	2,641.59	7	2,345.61	7	2,049.36
1/4		1/4		1/4		1/4	3,673.89	1/4	3,421.82	1/4	3,168.96	1/4	2,916.10	1/4	2,635.44	1/4	2,339.44	1/4	2,043.19
1/2		1/2		1/2		1/2	3,668.71	1/2	3,416.55	1/2	3,163.69	1/2	2,910.83	1/2	2,629.29	1/2	2,333.27	1/2	2,037.02
3/4		3/4		3/4		3/4	3,663.53	3/4	3,411.28	3/4	3,158.42	3/4	2,905.56	3/4	2,623.13	3/4	2,327.10	3/4	2,030.85
8		8		8		8	3,658.35	8	3,406.02	8	3,153.16	8	2,900.30	8	2,616.98	8	2,320.92	8	2,024.68
1/4		1/4		1/4		1/4	3,653.17	1/4	3,400.75	1/4	3,147.89	1/4	2,895.03	1/4	2,610.83	1/4	2,314.75	1/4	2,018.51
1/2		1/2		1/2		1/2	3,647.99	1/2	3,395.48	1/2	3,142.62	1/2	2,889.76	1/2	2,604.68	1/2	2,308.58	1/2	2,012.33
3/4		3/4		3/4		3/4	3,642.81	3/4	3,390.21	3/4	3,137.35	3/4	2,884.49	3/4	2,598.52	3/4	2,302.41	3/4	2,006.16
9		9		9		9	3,637.63	9	3,384.94	9	3,132.08	9	2,879.23	9	2,592.37	9	2,296.24	9	1,999.99
1/4		1/4		1/4		1/4	3,632.45	1/4	3,379.68	1/4	3,126.82	1/4	2,873.96	1/4	2,586.22	1/4	2,290.07	1/4	1,993.82
1/2		1/2		1/2		1/2	3,627.27	1/2	3,374.41	1/2	3,121.55	1/2	2,868.69	1/2	2,580.06	1/2	2,283.89	1/2	1,987.65
3/4		3/4		3/4		3/4	3,622.00	3/4	3,369.14	3/4	3,116.28	3/4	2,863.40	3/4	2,573.91	3/4	2,277.72	3/4	1,981.48
10		10		10		10	3,616.73	10	3,363.87	10	3,111.01	10	2,858.10	10	2,567.76	10	2,271.55	10	1,975.30
1/4		1/4		1/4		1/4	3,611.46	1/4	3,358.60	1/4	3,105.74	1/4	2,852.81	1/4	2,561.61	1/4	2,265.38	1/4	1,969.13
1/2		1/2		1/2		1/2	3,606.20	1/2	3,353.34	1/2	3,100.48	1/2	2,847.52	1/2	2,555.45	1/2	2,259.21	1/2	1,962.96
3/4		3/4		3/4		3/4	3,600.93	3/4	3,348.07	3/4	3,095.21	3/4	2,842.23	3/4	2,549.28	3/4	2,253.03	3/4	1,956.79
11		11		11		11	3,595.66	11	3,342.80	11	3,089.94	11	2,836.93	11	2,543.11	11	2,246.86	11	1,950.62
1/4		1/4		1/4		1/4	3,590.39	1/4	3,337.53	1/4	3,084.67	1/4	2,831.64	1/4	2,536.94	1/4	2,240.69	1/4	1,944.44
1/2		1/2		1/2		1/2	3,585.12	1/2	3,332.26	1/2	3,079.41	1/2	2,826.35	1/2	2,530.77	1/2	2,234.52	1/2	1,938.27
3/4		3/4		3/4		3/4	3,579.86	3/4	3,327.00	3/4	3,074.14	3/4	2,820.15	3/4	2,524.59	3/4	2,228.35	3/4	1,932.10

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 32'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "KIRBY 10611"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	1,925.93	0	1,629.48	0	1,332.85	0	1,036.19	0	744.87	0	448.81	0	151.94	0		0		0	
1/4	1,919.76	1/4	1,623.30	1/4	1,326.67	1/4	1,030.01	1/4	738.84	1/4	442.62	1/4	145.75	1/4		1/4		1/4	
1/2	1,913.59	1/2	1,617.13	1/2	1,320.49	1/2	1,023.83	1/2	732.82	1/2	436.44	1/2	139.56	1/2		1/2		1/2	
3/4	1,907.41	3/4	1,610.95	3/4	1,314.30	3/4	1,017.65	3/4	726.74	3/4	430.25	3/4	133.38	3/4		3/4		3/4	
1	1,901.24	1	1,604.77	1	1,308.12	1	1,011.47	1	720.65	1	424.07	1	127.20	1		1		1	
1/4	1,895.07	1/4	1,598.60	1/4	1,301.94	1/4	1,005.29	1/4	714.57	1/4	417.88	1/4	121.03	1/4		1/4		1/4	
1/2	1,888.90	1/2	1,592.42	1/2	1,295.76	1/2	999.11	1/2	708.48	1/2	411.70	1/2	114.85	1/2		1/2		1/2	
3/4	1,882.73	3/4	1,586.24	3/4	1,289.58	3/4	992.93	3/4	702.32	3/4	405.52	3/4	108.69	3/4		3/4		3/4	
2	1,876.55	2	1,580.06	2	1,283.40	2	986.75	2	696.15	2	399.33	2	102.53	2		2		2	
1/4	1,870.38	1/4	1,573.88	1/4	1,277.22	1/4	980.57	1/4	689.98	1/4	393.15	1/4	96.38	1/4		1/4		1/4	
1/2	1,864.21	1/2	1,567.70	1/2	1,271.04	1/2	974.39	1/2	683.82	1/2	386.96	1/2	90.22	1/2		1/2		1/2	
3/4	1,858.04	3/4	1,561.52	3/4	1,264.86	3/4	968.27	3/4	677.63	3/4	380.78	3/4	84.10	3/4		3/4		3/4	
3	1,851.87	3	1,555.34	3	1,258.68	3	962.15	3	671.45	3	374.59	3	77.97	3		3		3	
1/4	1,845.70	1/4	1,549.16	1/4	1,252.50	1/4	956.04	1/4	665.26	1/4	368.41	1/4	71.85	1/4		1/4		1/4	
1/2	1,839.52	1/2	1,542.98	1/2	1,246.32	1/2	949.92	1/2	659.08	1/2	362.22	1/2	65.72	1/2		1/2		1/2	
3/4	1,833.35	3/4	1,536.80	3/4	1,240.14	3/4	943.86	3/4	652.90	3/4	356.04	3/4	59.65	3/4		3/4		3/4	
4	1,827.18	4	1,530.62	4	1,233.96	4	937.81	4	646.71	4	349.85	4	53.58	4		4		4	
1/4	1,821.01	1/4	1,524.44	1/4	1,227.78	1/4	931.75	1/4	640.53	1/4	343.67	1/4	47.52	1/4		1/4		1/4	
1/2	1,814.84	1/2	1,518.25	1/2	1,221.60	1/2	925.70	1/2	634.35	1/2	337.48	1/2	41.45	1/2		1/2		1/2	
3/4	1,808.66	3/4	1,512.07	3/4	1,215.42	3/4	919.65	3/4	628.16	3/4	331.30	3/4	36.29	3/4		3/4		3/4	
5	1,802.48	5	1,505.89	5	1,209.24	5	913.59	5	621.98	5	325.12	5	31.14	5		5		5	
1/4	1,796.30	1/4	1,499.71	1/4	1,203.06	1/4	907.54	1/4	615.79	1/4	318.93	1/4	25.98	1/4		1/4		1/4	
1/2	1,790.12	1/2	1,493.53	1/2	1,196.88	1/2	901.49	1/2	609.61	1/2	312.75	1/2	20.83	1/2		1/2		1/2	
3/4	1,783.94	3/4	1,487.35	3/4	1,190.70	3/4	895.45	3/4	603.42	3/4	306.56	3/4	17.73	3/4		3/4		3/4	
6	1,777.76	6	1,481.17	6	1,184.52	6	889.41	6	597.24	6	300.38	6	14.63	6		6		6	
1/4	1,771.58	1/4	1,474.99	1/4	1,178.34	1/4	883.37	1/4	591.05	1/4	294.19	1/4	11.54	1/4		1/4		1/4	
1/2	1,765.40	1/2	1,468.81	1/2	1,172.16	1/2	877.33	1/2	584.87	1/2	288.01	1/2	8.44	1/2		1/2		1/2	
3/4	1,759.22	3/4	1,462.63	3/4	1,165.98	3/4	871.31	3/4	578.68	3/4	281.82	3/4	7.41	3/4		3/4		3/4	
7	1,753.04	7	1,456.45	7	1,159.80	7	865.29	7	572.50	7	275.64	7	6.37	7		7		7	
1/4	1,746.86	1/4	1,450.27	1/4	1,153.62	1/4	859.27	1/4	566.31	1/4	269.45	1/4	5.34	1/4		1/4		1/4	
1/2	1,740.68	1/2	1,444.09	1/2	1,147.44	1/2	853.25	1/2	560.13	1/2	263.27	1/2	4.31	1/2		1/2		1/2	
3/4	1,734.50	3/4	1,437.91	3/4	1,141.26	3/4	847.23	3/4	553.95	3/4	257.08	3/4		3/4		3/4		3/4	
8	1,728.32	8	1,431.73	8	1,135.08	8	841.21	8	547.76	8	250.90	8		8		8		8	
1/4	1,722.14	1/4	1,425.55	1/4	1,128.90	1/4	835.18	1/4	541.58	1/4	244.72	1/4		1/4		1/4		1/4	
1/2	1,715.96	1/2	1,419.37	1/2	1,122.72	1/2	829.16	1/2	535.39	1/2	238.53	1/2		1/2		1/2		1/2	
3/4	1,709.78	3/4	1,413.19	3/4	1,116.54	3/4	823.14	3/4	529.21	3/4	232.35	3/4		3/4		3/4		3/4	
9	1,703.61	9	1,407.01	9	1,110.36	9	817.12	9	523.02	9	226.16	9		9		9		9	
1/4	1,697.43	1/4	1,400.83	1/4	1,104.17	1/4	811.10	1/4	516.84	1/4	219.98	1/4		1/4		1/4		1/4	
1/2	1,691.25	1/2	1,394.65	1/2	1,097.99	1/2	805.08	1/2	510.65	1/2	213.79	1/2		1/2		1/2		1/2	
3/4	1,685.07	3/4	1,388.47	3/4	1,091.81	3/4	799.06	3/4	504.47	3/4	207.61	3/4		3/4		3/4		3/4	
10	1,678.90	10	1,382.29	10	1,085.63	10	793.04	10	498.28	10	201.42	10		10		10		10	
1/4	1,672.72	1/4	1,376.11	1/4	1,079.45	1/4	787.01	1/4	492.10	1/4	195.24	1/4		1/4		1/4		1/4	
1/2	1,666.54	1/2	1,369.93	1/2	1,073.27	1/2	780.99	1/2	485.91	1/2	189.05	1/2		1/2		1/2		1/2	
3/4	1,660.37	3/4	1,363.75	3/4	1,067.09	3/4	774.97	3/4	479.73	3/4	182.87	3/4		3/4		3/4		3/4	
11	1,654.19	11	1,357.57	11	1,060.91	11	768.95	11	473.55	11	176.69	11		11		11		11	
1/4	1,648.01	1/4	1,351.39	1/4	1,054.73	1/4	762.93	1/4	467.36	1/4	170.50	1/4		1/4		1/4		1/4	
1/2	1,641.84	1/2	1,345.21	1/2	1,048.55	1/2	756.91	1/2	461.18	1/2	164.32	1/2		1/2		1/2		1/2	
3/4	1,635.66	3/4	1,339.03	3/4	1,042.37	3/4	750.89	3/4	454.99	3/4	158.13	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2013 CL  
CALCULATED: 12/19/2013 CL  
VERIFIED: 02/14/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2024

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



# BARGE "KIRBY 10611"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,259.52	0	2,997.67	0	2,735.82	0	2,473.56	0	2,210.31	0	1,947.06
1/4		1/4		1/4		1/4		1/4	3,254.06	1/4	2,992.22	1/4	2,730.37	1/4	2,468.08	1/4	2,204.83	1/4	1,941.58
1/2		1/2		1/2		1/2	3,475.24	1/2	3,248.61	1/2	2,986.76	1/2	2,724.91	1/2	2,462.59	1/2	2,199.34	1/2	1,936.09
3/4		3/4		3/4		3/4	3,474.32	3/4	3,243.15	3/4	2,981.30	3/4	2,719.46	3/4	2,457.11	3/4	2,193.86	3/4	1,930.61
1		1		1		1	3,473.41	1	3,237.70	1	2,975.85	1	2,714.00	1	2,451.62	1	2,188.37	1	1,925.12
1/4		1/4		1/4		1/4	3,472.49	1/4	3,232.24	1/4	2,970.39	1/4	2,708.54	1/4	2,446.14	1/4	2,182.89	1/4	1,919.64
1/2		1/2		1/2		1/2	3,471.58	1/2	3,226.79	1/2	2,964.94	1/2	2,703.09	1/2	2,440.66	1/2	2,177.40	1/2	1,914.15
3/4		3/4		3/4		3/4	3,468.84	3/4	3,221.33	3/4	2,959.48	3/4	2,697.63	3/4	2,435.17	3/4	2,171.92	3/4	1,908.67
2		2		2		2	3,466.09	2	3,215.88	2	2,954.03	2	2,692.18	2	2,429.69	2	2,166.44	2	1,903.18
1/4		1/4		1/4		1/4	3,463.35	1/4	3,210.42	1/4	2,948.57	1/4	2,686.72	1/4	2,424.20	1/4	2,160.95	1/4	1,897.70
1/2		1/2		1/2		1/2	3,460.60	1/2	3,204.97	1/2	2,943.12	1/2	2,681.27	1/2	2,418.72	1/2	2,155.47	1/2	1,892.22
3/4		3/4		3/4		3/4	3,456.16	3/4	3,199.51	3/4	2,937.66	3/4	2,675.81	3/4	2,413.23	3/4	2,149.98	3/4	1,886.73
3		3		3		3	3,451.72	3	3,194.06	3	2,932.21	3	2,670.36	3	2,407.75	3	2,144.50	3	1,881.25
1/4		1/4		1/4		1/4	3,447.27	1/4	3,188.60	1/4	2,926.75	1/4	2,664.90	1/4	2,402.27	1/4	2,139.01	1/4	1,875.76
1/2		1/2		1/2		1/2	3,442.83	1/2	3,183.15	1/2	2,921.30	1/2	2,659.45	1/2	2,396.78	1/2	2,133.53	1/2	1,870.28
3/4		3/4		3/4		3/4	3,437.51	3/4	3,177.69	3/4	2,915.84	3/4	2,653.99	3/4	2,391.30	3/4	2,128.05	3/4	1,864.79
4		4		4		4	3,432.20	4	3,172.24	4	2,910.39	4	2,648.54	4	2,385.81	4	2,122.56	4	1,859.31
1/4		1/4		1/4		1/4	3,426.88	1/4	3,166.78	1/4	2,904.93	1/4	2,643.08	1/4	2,380.33	1/4	2,117.08	1/4	1,853.83
1/2		1/2		1/2		1/2	3,421.57	1/2	3,161.33	1/2	2,899.48	1/2	2,637.63	1/2	2,374.84	1/2	2,111.59	1/2	1,848.34
3/4		3/4		3/4		3/4	3,416.22	3/4	3,155.87	3/4	2,894.02	3/4	2,632.17	3/4	2,369.36	3/4	2,106.11	3/4	1,842.86
5		5		5		5	3,410.87	5	3,150.42	5	2,888.57	5	2,626.72	5	2,363.87	5	2,100.62	5	1,837.37
1/4		1/4		1/4		1/4	3,405.52	1/4	3,144.96	1/4	2,883.11	1/4	2,621.26	1/4	2,358.39	1/4	2,095.14	1/4	1,831.89
1/2		1/2		1/2		1/2	3,400.18	1/2	3,139.51	1/2	2,877.66	1/2	2,615.81	1/2	2,352.91	1/2	2,089.65	1/2	1,826.40
3/4		3/4		3/4		3/4	3,394.82	3/4	3,134.05	3/4	2,872.20	3/4	2,610.35	3/4	2,347.42	3/4	2,084.17	3/4	1,820.92
6		6		6		6	3,389.46	6	3,128.60	6	2,866.75	6	2,604.90	6	2,341.94	6	2,078.69	6	1,815.43
1/4		1/4		1/4		1/4	3,384.10	1/4	3,123.14	1/4	2,861.29	1/4	2,599.44	1/4	2,336.45	1/4	2,073.20	1/4	1,809.95
1/2		1/2		1/2		1/2	3,378.74	1/2	3,117.68	1/2	2,855.84	1/2	2,593.99	1/2	2,330.97	1/2	2,067.72	1/2	1,804.47
3/4		3/4		3/4		3/4	3,373.39	3/4	3,112.23	3/4	2,850.38	3/4	2,588.53	3/4	2,325.48	3/4	2,062.23	3/4	1,798.98
7		7		7		7	3,368.03	7	3,106.77	7	2,844.92	7	2,583.08	7	2,320.00	7	2,056.75	7	1,793.50
1/4		1/4		1/4		1/4	3,362.67	1/4	3,101.32	1/4	2,839.47	1/4	2,577.62	1/4	2,314.51	1/4	2,051.26	1/4	1,788.01
1/2		1/2		1/2		1/2	3,357.32	1/2	3,095.86	1/2	2,834.01	1/2	2,572.16	1/2	2,309.03	1/2	2,045.78	1/2	1,782.53
3/4		3/4		3/4		3/4	3,351.96	3/4	3,090.41	3/4	2,828.56	3/4	2,566.71	3/4	2,303.55	3/4	2,040.29	3/4	1,777.04
8		8		8		8	3,346.60	8	3,084.95	8	2,823.10	8	2,561.25	8	2,298.06	8	2,034.81	8	1,771.56
1/4		1/4		1/4		1/4	3,341.25	1/4	3,079.50	1/4	2,817.65	1/4	2,555.80	1/4	2,292.58	1/4	2,029.33	1/4	1,766.07
1/2		1/2		1/2		1/2	3,335.89	1/2	3,074.04	1/2	2,812.19	1/2	2,550.34	1/2	2,287.09	1/2	2,023.84	1/2	1,760.59
3/4		3/4		3/4		3/4	3,330.44	3/4	3,068.59	3/4	2,806.74	3/4	2,544.86	3/4	2,281.61	3/4	2,018.36	3/4	1,755.11
9		9		9		9	3,324.98	9	3,063.13	9	2,801.28	9	2,539.38	9	2,276.12	9	2,012.87	9	1,749.62
1/4		1/4		1/4		1/4	3,319.53	1/4	3,057.68	1/4	2,795.83	1/4	2,533.89	1/4	2,270.64	1/4	2,007.39	1/4	1,744.14
1/2		1/2		1/2		1/2	3,314.07	1/2	3,052.22	1/2	2,790.37	1/2	2,528.41	1/2	2,265.16	1/2	2,001.90	1/2	1,738.65
3/4		3/4		3/4		3/4	3,308.62	3/4	3,046.77	3/4	2,784.92	3/4	2,522.92	3/4	2,259.67	3/4	1,996.42	3/4	1,733.17
10		10		10		10	3,303.16	10	3,041.31	10	2,779.46	10	2,517.44	10	2,254.19	10	1,990.94	10	1,727.68
1/4		1/4		1/4		1/4	3,297.71	1/4	3,035.86	1/4	2,774.01	1/4	2,511.95	1/4	2,248.70	1/4	1,985.45	1/4	1,722.20
1/2		1/2		1/2		1/2	3,292.25	1/2	3,030.40	1/2	2,768.55	1/2	2,506.47	1/2	2,243.22	1/2	1,979.97	1/2	1,716.72
3/4		3/4		3/4		3/4	3,286.80	3/4	3,024.95	3/4	2,763.10	3/4	2,500.98	3/4	2,237.73	3/4	1,974.48	3/4	1,711.23
11		11		11		11	3,281.34	11	3,019.49	11	2,757.64	11	2,495.50	11	2,232.25	11	1,969.00	11	1,705.75
1/4		1/4		1/4		1/4	3,275.89	1/4	3,014.04	1/4	2,752.19	1/4	2,490.02	1/4	2,226.76	1/4	1,963.51	1/4	1,700.26
1/2		1/2		1/2		1/2	3,270.43	1/2	3,008.58	1/2	2,746.73	1/2	2,484.53	1/2	2,221.28	1/2	1,958.03	1/2	1,694.78
3/4		3/4		3/4		3/4	3,264.98	3/4	3,003.13	3/4	2,741.28	3/4	2,479.05	3/4	2,215.80	3/4	1,952.54	3/4	1,689.29

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 10611"

## 2 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	1,683.81	0	1,420.56	0	1,157.15	0	895.42	0	636.17	0	372.86	0	109.52	0		0		0	
1/4	1,678.32	1/4	1,415.07	1/4	1,151.66	1/4	890.02	1/4	630.72	1/4	367.37	1/4	104.04	1/4		1/4		1/4	
1/2	1,672.84	1/2	1,409.59	1/2	1,146.17	1/2	884.61	1/2	625.28	1/2	361.88	1/2	98.57	1/2		1/2		1/2	
3/4	1,667.36	3/4	1,404.10	3/4	1,140.68	3/4	879.21	3/4	619.79	3/4	356.39	3/4	93.12	3/4		3/4		3/4	
1	1,661.87	1	1,398.61	1	1,135.19	1	873.81	1	614.31	1	350.91	1	87.67	1		1		1	
1/4	1,656.39	1/4	1,393.12	1/4	1,129.71	1/4	868.41	1/4	608.82	1/4	345.42	1/4	82.22	1/4		1/4		1/4	
1/2	1,650.90	1/2	1,387.64	1/2	1,124.22	1/2	863.00	1/2	603.33	1/2	339.93	1/2	76.76	1/2		1/2		1/2	
3/4	1,645.42	3/4	1,382.15	3/4	1,118.73	3/4	857.60	3/4	597.84	3/4	334.44	3/4	71.34	3/4		3/4		3/4	
2	1,639.93	2	1,376.66	2	1,113.24	2	852.20	2	592.36	2	328.96	2	65.91	2		2		2	
1/4	1,634.45	1/4	1,371.17	1/4	1,107.75	1/4	846.79	1/4	586.87	1/4	323.47	1/4	60.49	1/4		1/4		1/4	
1/2	1,628.96	1/2	1,365.69	1/2	1,102.27	1/2	841.39	1/2	581.38	1/2	317.98	1/2	55.07	1/2		1/2		1/2	
3/4	1,623.48	3/4	1,360.20	3/4	1,096.78	3/4	835.99	3/4	575.89	3/4	312.49	3/4	49.69	3/4		3/4		3/4	
3	1,618.00	3	1,354.71	3	1,091.29	3	830.58	3	570.41	3	307.01	3	44.32	3		3		3	
1/4	1,612.51	1/4	1,349.22	1/4	1,085.80	1/4	825.18	1/4	564.92	1/4	301.52	1/4	38.94	1/4		1/4		1/4	
1/2	1,607.03	1/2	1,343.73	1/2	1,080.31	1/2	819.78	1/2	559.43	1/2	296.03	1/2	33.57	1/2		1/2		1/2	
3/4	1,601.54	3/4	1,338.25	3/4	1,074.83	3/4	814.38	3/4	553.94	3/4	290.54	3/4	29.00	3/4		3/4		3/4	
4	1,596.06	4	1,332.76	4	1,069.34	4	808.98	4	548.46	4	285.06	4	24.44	4		4		4	
1/4	1,590.57	1/4	1,327.27	1/4	1,063.85	1/4	803.59	1/4	542.97	1/4	279.57	1/4	19.87	1/4		1/4		1/4	
1/2	1,585.09	1/2	1,321.78	1/2	1,058.36	1/2	798.19	1/2	537.48	1/2	274.08	1/2	15.31	1/2		1/2		1/2	
3/4	1,579.61	3/4	1,316.29	3/4	1,052.88	3/4	792.79	3/4	531.99	3/4	268.59	3/4	12.57	3/4		3/4		3/4	
5	1,574.12	5	1,310.81	5	1,047.39	5	787.39	5	526.51	5	263.11	5	9.82	5		5		5	
1/4	1,568.64	1/4	1,305.32	1/4	1,041.90	1/4	781.99	1/4	521.02	1/4	257.62	1/4	7.08	1/4		1/4		1/4	
1/2	1,563.15	1/2	1,299.83	1/2	1,036.41	1/2	776.60	1/2	515.53	1/2	252.13	1/2	4.34	1/2		1/2		1/2	
3/4	1,557.67	3/4	1,294.34	3/4	1,030.92	3/4	771.20	3/4	510.04	3/4	246.64	3/4	3.42	3/4		3/4		3/4	
6	1,552.18	6	1,288.85	6	1,025.44	6	765.80	6	504.56	6	241.16	6	2.51	6		6		6	
1/4	1,546.70	1/4	1,283.37	1/4	1,019.95	1/4	760.40	1/4	499.07	1/4	235.67	1/4	1.59	1/4		1/4		1/4	
1/2	1,541.21	1/2	1,277.88	1/2	1,014.46	1/2	755.01	1/2	493.58	1/2	230.18	1/2	0.68	1/2		1/2		1/2	
3/4	1,535.73	3/4	1,272.39	3/4	1,009.01	3/4	749.61	3/4	488.09	3/4	224.69	3/4		3/4		3/4		3/4	
7	1,530.25	7	1,266.90	7	1,003.57	7	744.21	7	482.61	7	219.21	7		7		7		7	
1/4	1,524.76	1/4	1,261.42	1/4	998.12	1/4	738.81	1/4	477.12	1/4	213.72	1/4		1/4		1/4		1/4	
1/2	1,519.28	1/2	1,255.93	1/2	992.67	1/2	733.42	1/2	471.63	1/2	208.23	1/2		1/2		1/2		1/2	
3/4	1,513.79	3/4	1,250.44	3/4	987.27	3/4	728.02	3/4	466.14	3/4	202.74	3/4		3/4		3/4		3/4	
8	1,508.31	8	1,244.95	8	981.87	8	722.62	8	460.66	8	197.26	8		8		8		8	
1/4	1,502.82	1/4	1,239.46	1/4	976.47	1/4	717.22	1/4	455.17	1/4	191.77	1/4		1/4		1/4		1/4	
1/2	1,497.34	1/2	1,233.98	1/2	971.06	1/2	711.82	1/2	449.68	1/2	186.28	1/2		1/2		1/2		1/2	
3/4	1,491.85	3/4	1,228.49	3/4	965.66	3/4	706.43	3/4	444.19	3/4	180.79	3/4		3/4		3/4		3/4	
9	1,486.37	9	1,223.00	9	960.26	9	701.03	9	438.71	9	175.31	9		9		9		9	
1/4	1,480.89	1/4	1,217.51	1/4	954.85	1/4	695.63	1/4	433.22	1/4	169.82	1/4		1/4		1/4		1/4	
1/2	1,475.40	1/2	1,212.02	1/2	949.45	1/2	690.23	1/2	427.73	1/2	164.33	1/2		1/2		1/2		1/2	
3/4	1,469.92	3/4	1,206.54	3/4	944.05	3/4	684.84	3/4	422.24	3/4	158.85	3/4		3/4		3/4		3/4	
10	1,464.43	10	1,201.05	10	938.64	10	679.44	10	416.76	10	153.36	10		10		10		10	
1/4	1,458.95	1/4	1,195.56	1/4	933.24	1/4	674.04	1/4	411.27	1/4	147.87	1/4		1/4		1/4		1/4	
1/2	1,453.46	1/2	1,190.07	1/2	927.84	1/2	668.64	1/2	405.78	1/2	142.39	1/2		1/2		1/2		1/2	
3/4	1,447.98	3/4	1,184.58	3/4	922.44	3/4	663.25	3/4	400.29	3/4	136.90	3/4		3/4		3/4		3/4	
11	1,442.50	11	1,179.10	11	917.03	11	657.85	11	394.81	11	131.42	11		11		11		11	
1/4	1,437.01	1/4	1,173.61	1/4	911.63	1/4	652.45	1/4	389.32	1/4	125.94	1/4		1/4		1/4		1/4	
1/2	1,431.53	1/2	1,168.12	1/2	906.23	1/2	647.06	1/2	383.83	1/2	120.46	1/2		1/2		1/2		1/2	
3/4	1,426.04	3/4	1,162.63	3/4	900.82	3/4	641.61	3/4	378.34	3/4	114.99	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2013 CL  
CALCULATED: 12/19/2013 CL  
VERIFIED: 02/14/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2024

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



# BARGE "KIRBY 10611"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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		0		0	3,251.52	0	2,991.54	0	2,731.55	0	2,471.22	0	2,209.83	0	1,948.44
1/4		1/4		1/4		1/4		1/4	3,246.10	1/4	2,986.12	1/4	2,726.14	1/4	2,465.77	1/4	2,204.39	1/4	1,943.00
1/2		1/2		1/2		1/2		1/2	3,240.69	1/2	2,980.70	1/2	2,720.72	1/2	2,460.33	1/2	2,198.94	1/2	1,937.55
3/4		3/4		3/4		3/4		3/4	3,235.27	3/4	2,975.29	3/4	2,715.30	3/4	2,454.88	3/4	2,193.49	3/4	1,932.11
1		1		1		1	3,454.87	1	3,229.85	1	2,969.87	1	2,709.89	1	2,449.44	1	2,188.05	1	1,926.66
1/4		1/4		1/4		1/4	3,453.96	1/4	3,224.44	1/4	2,964.45	1/4	2,704.47	1/4	2,443.99	1/4	2,182.60	1/4	1,921.21
1/2		1/2		1/2		1/2	3,453.05	1/2	3,219.02	1/2	2,959.04	1/2	2,699.06	1/2	2,438.55	1/2	2,177.16	1/2	1,915.77
3/4		3/4		3/4		3/4	3,452.14	3/4	3,213.60	3/4	2,953.62	3/4	2,693.64	3/4	2,433.10	3/4	2,171.71	3/4	1,910.32
2		2		2		2	3,451.24	2	3,208.19	2	2,948.21	2	2,688.22	2	2,427.65	2	2,166.27	2	1,904.88
1/4		1/4		1/4		1/4	3,448.51	1/4	3,202.77	1/4	2,942.79	1/4	2,682.81	1/4	2,422.21	1/4	2,160.82	1/4	1,899.43
1/2		1/2		1/2		1/2	3,445.79	1/2	3,197.36	1/2	2,937.37	1/2	2,677.39	1/2	2,416.76	1/2	2,155.37	1/2	1,893.99
3/4		3/4		3/4		3/4	3,443.06	3/4	3,191.94	3/4	2,931.96	3/4	2,671.97	3/4	2,411.32	3/4	2,149.93	3/4	1,888.54
3		3		3		3	3,440.34	3	3,186.52	3	2,926.54	3	2,666.56	3	2,405.87	3	2,144.48	3	1,883.09
1/4		1/4		1/4		1/4	3,435.93	1/4	3,181.11	1/4	2,921.12	1/4	2,661.14	1/4	2,400.43	1/4	2,139.04	1/4	1,877.65
1/2		1/2		1/2		1/2	3,431.51	1/2	3,175.69	1/2	2,915.71	1/2	2,655.73	1/2	2,394.98	1/2	2,133.59	1/2	1,872.20
3/4		3/4		3/4		3/4	3,427.10	3/4	3,170.27	3/4	2,910.29	3/4	2,650.31	3/4	2,389.54	3/4	2,128.15	3/4	1,866.76
4		4		4		4	3,422.69	4	3,164.86	4	2,904.88	4	2,644.89	4	2,384.09	4	2,122.70	4	1,861.31
1/4		1/4		1/4		1/4	3,417.42	1/4	3,159.44	1/4	2,899.46	1/4	2,639.48	1/4	2,378.64	1/4	2,117.26	1/4	1,855.87
1/2		1/2		1/2		1/2	3,412.14	1/2	3,154.03	1/2	2,894.04	1/2	2,634.06	1/2	2,373.20	1/2	2,111.81	1/2	1,850.42
3/4		3/4		3/4		3/4	3,406.86	3/4	3,148.61	3/4	2,888.63	3/4	2,628.64	3/4	2,367.75	3/4	2,106.36	3/4	1,844.98
5		5		5		5	3,401.58	5	3,143.19	5	2,883.21	5	2,623.23	5	2,362.31	5	2,100.92	5	1,839.53
1/4		1/4		1/4		1/4	3,396.27	1/4	3,137.78	1/4	2,877.79	1/4	2,617.81	1/4	2,356.86	1/4	2,095.47	1/4	1,834.08
1/2		1/2		1/2		1/2	3,390.97	1/2	3,132.36	1/2	2,872.38	1/2	2,612.40	1/2	2,351.42	1/2	2,090.03	1/2	1,828.64
3/4		3/4		3/4		3/4	3,385.66	3/4	3,126.94	3/4	2,866.96	3/4	2,606.98	3/4	2,345.97	3/4	2,084.58	3/4	1,823.19
6		6		6		6	3,380.35	6	3,121.53	6	2,861.54	6	2,601.56	6	2,340.53	6	2,079.14	6	1,817.75
1/4		1/4		1/4		1/4	3,375.03	1/4	3,116.11	1/4	2,856.13	1/4	2,596.15	1/4	2,335.08	1/4	2,073.69	1/4	1,812.30
1/2		1/2		1/2		1/2	3,369.70	1/2	3,110.69	1/2	2,850.71	1/2	2,590.73	1/2	2,329.63	1/2	2,068.25	1/2	1,806.86
3/4		3/4		3/4		3/4	3,364.38	3/4	3,105.28	3/4	2,845.30	3/4	2,585.31	3/4	2,324.19	3/4	2,062.80	3/4	1,801.41
7		7		7		7	3,359.06	7	3,099.86	7	2,839.88	7	2,579.90	7	2,318.74	7	2,057.35	7	1,795.97
1/4		1/4		1/4		1/4	3,353.74	1/4	3,094.45	1/4	2,834.46	1/4	2,574.48	1/4	2,313.30	1/4	2,051.91	1/4	1,790.52
1/2		1/2		1/2		1/2	3,348.42	1/2	3,089.03	1/2	2,829.05	1/2	2,569.06	1/2	2,307.85	1/2	2,046.46	1/2	1,785.07
3/4		3/4		3/4		3/4	3,343.10	3/4	3,083.61	3/4	2,823.63	3/4	2,563.65	3/4	2,302.41	3/4	2,041.02	3/4	1,779.63
8		8		8		8	3,337.78	8	3,078.20	8	2,818.21	8	2,558.23	8	2,296.96	8	2,035.57	8	1,774.18
1/4		1/4		1/4		1/4	3,332.47	1/4	3,072.78	1/4	2,812.80	1/4	2,552.82	1/4	2,291.51	1/4	2,030.13	1/4	1,768.74
1/2		1/2		1/2		1/2	3,327.15	1/2	3,067.36	1/2	2,807.38	1/2	2,547.40	1/2	2,286.07	1/2	2,024.68	1/2	1,763.29
3/4		3/4		3/4		3/4	3,321.83	3/4	3,061.95	3/4	2,801.97	3/4	2,541.98	3/4	2,280.62	3/4	2,019.23	3/4	1,757.85
9		9		9		9	3,316.51	9	3,056.53	9	2,796.55	9	2,536.57	9	2,275.18	9	2,013.79	9	1,752.40
1/4		1/4		1/4		1/4	3,311.10	1/4	3,051.12	1/4	2,791.13	1/4	2,531.12	1/4	2,269.73	1/4	2,008.34	1/4	1,746.95
1/2		1/2		1/2		1/2	3,305.68	1/2	3,045.70	1/2	2,785.72	1/2	2,525.68	1/2	2,264.29	1/2	2,002.90	1/2	1,741.51
3/4		3/4		3/4		3/4	3,300.27	3/4	3,040.28	3/4	2,780.30	3/4	2,520.23	3/4	2,258.84	3/4	1,997.45	3/4	1,736.06
10		10		10		10	3,294.85	10	3,034.87	10	2,774.88	10	2,514.78	10	2,253.40	10	1,992.01	10	1,730.62
1/4		1/4		1/4		1/4	3,289.43	1/4	3,029.45	1/4	2,769.47	1/4	2,509.34	1/4	2,247.95	1/4	1,986.56	1/4	1,725.17
1/2		1/2		1/2		1/2	3,284.02	1/2	3,024.03	1/2	2,764.05	1/2	2,503.89	1/2	2,242.50	1/2	1,981.12	1/2	1,719.73
3/4		3/4		3/4		3/4	3,278.60	3/4	3,018.62	3/4	2,758.64	3/4	2,498.45	3/4	2,237.06	3/4	1,975.67	3/4	1,714.28
11		11		11		11	3,273.18	11	3,013.20	11	2,753.22	11	2,493.00	11	2,231.61	11	1,970.22	11	1,708.84
1/4		1/4		1/4		1/4	3,267.77	1/4	3,007.79	1/4	2,747.80	1/4	2,487.56	1/4	2,226.17	1/4	1,964.78	1/4	1,703.39
1/2		1/2		1/2		1/2	3,262.35	1/2	3,002.37	1/2	2,742.39	1/2	2,482.11	1/2	2,220.72	1/2	1,959.33	1/2	1,697.94
3/4		3/4		3/4		3/4	3,256.93	3/4	2,996.95	3/4	2,736.97	3/4	2,476.67	3/4	2,215.28	3/4	1,953.89	3/4	1,692.50

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 10611"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	1,687.05	0	1,425.66	0	1,164.13	0	903.30	0	642.65	0	381.12	0	119.61	0		0		0	
1/4	1,681.61	1/4	1,420.22	1/4	1,158.68	1/4	897.89	1/4	637.20	1/4	375.67	1/4	114.18	1/4		1/4		1/4	
1/2	1,676.16	1/2	1,414.77	1/2	1,153.23	1/2	892.47	1/2	631.75	1/2	370.22	1/2	108.74	1/2		1/2		1/2	
3/4	1,670.72	3/4	1,409.33	3/4	1,147.78	3/4	887.06	3/4	626.30	3/4	364.77	3/4	103.31	3/4		3/4		3/4	
1	1,665.27	1	1,403.88	1	1,142.33	1	881.65	1	620.86	1	359.32	1	97.88	1		1		1	
1/4	1,659.83	1/4	1,398.43	1/4	1,136.88	1/4	876.24	1/4	615.41	1/4	353.88	1/4	92.47	1/4		1/4		1/4	
1/2	1,654.38	1/2	1,392.98	1/2	1,131.43	1/2	870.82	1/2	609.96	1/2	348.43	1/2	87.05	1/2		1/2		1/2	
3/4	1,648.93	3/4	1,387.54	3/4	1,125.98	3/4	865.41	3/4	604.51	3/4	342.98	3/4	81.64	3/4		3/4		3/4	
2	1,643.49	2	1,382.09	2	1,120.53	2	860.00	2	599.06	2	337.53	2	76.22	2		2		2	
1/4	1,638.04	1/4	1,376.64	1/4	1,115.09	1/4	854.59	1/4	593.61	1/4	332.08	1/4	70.84	1/4		1/4		1/4	
1/2	1,632.60	1/2	1,371.19	1/2	1,109.64	1/2	849.17	1/2	588.16	1/2	326.63	1/2	65.45	1/2		1/2		1/2	
3/4	1,627.15	3/4	1,365.74	3/4	1,104.19	3/4	843.76	3/4	582.72	3/4	321.18	3/4	60.07	3/4		3/4		3/4	
3	1,621.71	3	1,360.29	3	1,098.74	3	838.35	3	577.27	3	315.73	3	54.68	3		3		3	
1/4	1,616.26	1/4	1,354.84	1/4	1,093.29	1/4	832.94	1/4	571.82	1/4	310.29	1/4	49.34	1/4		1/4		1/4	
1/2	1,610.81	1/2	1,349.39	1/2	1,087.84	1/2	827.52	1/2	566.37	1/2	304.84	1/2	44.01	1/2		1/2		1/2	
3/4	1,605.37	3/4	1,343.94	3/4	1,082.39	3/4	822.11	3/4	560.92	3/4	299.39	3/4	38.67	3/4		3/4		3/4	
4	1,599.92	4	1,338.49	4	1,076.94	4	816.70	4	555.47	4	293.94	4	33.34	4		4		4	
1/4	1,594.48	1/4	1,333.05	1/4	1,071.49	1/4	811.29	1/4	550.02	1/4	288.49	1/4	28.80	1/4		1/4		1/4	
1/2	1,589.03	1/2	1,327.60	1/2	1,066.04	1/2	805.88	1/2	544.58	1/2	283.04	1/2	24.27	1/2		1/2		1/2	
3/4	1,583.59	3/4	1,322.15	3/4	1,060.60	3/4	800.48	3/4	539.13	3/4	277.59	3/4	19.74	3/4		3/4		3/4	
5	1,578.14	5	1,316.70	5	1,055.15	5	795.07	5	533.68	5	272.15	5	15.21	5		5		5	
1/4	1,572.70	1/4	1,311.25	1/4	1,049.70	1/4	789.62	1/4	528.23	1/4	266.70	1/4	12.48	1/4		1/4		1/4	
1/2	1,567.25	1/2	1,305.80	1/2	1,044.25	1/2	784.18	1/2	522.78	1/2	261.25	1/2	9.76	1/2		1/2		1/2	
3/4	1,561.80	3/4	1,300.35	3/4	1,038.80	3/4	778.74	3/4	517.33	3/4	255.80	3/4	7.03	3/4		3/4		3/4	
6	1,556.36	6	1,294.90	6	1,033.35	6	773.29	6	511.88	6	250.35	6	4.31	6		6		6	
1/4	1,550.91	1/4	1,289.45	1/4	1,027.90	1/4	767.85	1/4	506.44	1/4	244.90	1/4	3.40	1/4		1/4		1/4	
1/2	1,545.47	1/2	1,284.00	1/2	1,022.45	1/2	762.41	1/2	500.99	1/2	239.45	1/2	2.49	1/2		1/2		1/2	
3/4	1,540.02	3/4	1,278.56	3/4	1,017.00	3/4	756.96	3/4	495.54	3/4	234.01	3/4	1.59	3/4		3/4		3/4	
7	1,534.58	7	1,273.11	7	1,011.55	7	751.52	7	490.09	7	228.56	7	0.68	7		7		7	
1/4	1,529.13	1/4	1,267.66	1/4	1,006.14	1/4	746.07	1/4	484.64	1/4	223.11	1/4		1/4		1/4		1/4	
1/2	1,523.69	1/2	1,262.21	1/2	1,000.73	1/2	740.63	1/2	479.19	1/2	217.66	1/2		1/2		1/2		1/2	
3/4	1,518.24	3/4	1,256.76	3/4	995.32	3/4	735.19	3/4	473.74	3/4	212.21	3/4		3/4		3/4		3/4	
8	1,512.79	8	1,251.31	8	989.90	8	729.74	8	468.30	8	206.76	8		8		8		8	
1/4	1,507.35	1/4	1,245.86	1/4	984.49	1/4	724.30	1/4	462.85	1/4	201.31	1/4		1/4		1/4		1/4	
1/2	1,501.90	1/2	1,240.41	1/2	979.08	1/2	718.86	1/2	457.40	1/2	195.87	1/2		1/2		1/2		1/2	
3/4	1,496.46	3/4	1,234.96	3/4	973.67	3/4	713.41	3/4	451.95	3/4	190.42	3/4		3/4		3/4		3/4	
9	1,491.01	9	1,229.51	9	968.25	9	707.97	9	446.50	9	184.97	9		9		9		9	
1/4	1,485.57	1/4	1,224.07	1/4	962.84	1/4	702.53	1/4	441.05	1/4	179.52	1/4		1/4		1/4		1/4	
1/2	1,480.12	1/2	1,218.62	1/2	957.43	1/2	697.08	1/2	435.60	1/2	174.07	1/2		1/2		1/2		1/2	
3/4	1,474.67	3/4	1,213.17	3/4	952.01	3/4	691.64	3/4	430.16	3/4	168.62	3/4		3/4		3/4		3/4	
10	1,469.23	10	1,207.72	10	946.60	10	686.19	10	424.71	10	163.17	10		10		10		10	
1/4	1,463.78	1/4	1,202.27	1/4	941.19	1/4	680.75	1/4	419.26	1/4	157.73	1/4		1/4		1/4		1/4	
1/2	1,458.34	1/2	1,196.82	1/2	935.78	1/2	675.31	1/2	413.81	1/2	152.28	1/2		1/2		1/2		1/2	
3/4	1,452.89	3/4	1,191.37	3/4	930.36	3/4	669.86	3/4	408.36	3/4	146.83	3/4		3/4		3/4		3/4	
11	1,447.45	11	1,185.92	11	924.95	11	664.42	11	402.91	11	141.38	11		11		11		11	
1/4	1,442.00	1/4	1,180.47	1/4	919.54	1/4	658.98	1/4	397.46	1/4	135.94	1/4		1/4		1/4		1/4	
1/2	1,436.56	1/2	1,175.02	1/2	914.13	1/2	653.53	1/2	392.02	1/2	130.50	1/2		1/2		1/2		1/2	
3/4	1,431.11	3/4	1,169.58	3/4	908.71	3/4	648.09	3/4	386.57	3/4	125.05	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2013 CL  
CALCULATED: 12/19/2013 CL  
VERIFIED: 02/14/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2024

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