



# BARGE "KIRBY 10269"

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

January 19, 2024

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



# BARGE "KIRBY 10269"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	3,762.74	0	3,537.71	0	3,284.85	0	3,031.99	0	2,770.80	0	2,475.22	0	2,178.97		
1/4		1/4		1/4		1/4	3,761.71	1/4	3,532.44	1/4	3,279.59	1/4	3,026.73	1/4	2,764.65	1/4	2,469.05	1/4	2,172.80		
1/2		1/2		1/2		1/2	3,760.68	1/2	3,527.18	1/2	3,274.32	1/2	3,021.46	1/2	2,758.50	1/2	2,462.88	1/2	2,166.63		
3/4		3/4		3/4		3/4	3,759.64	3/4	3,521.91	3/4	3,269.05	3/4	3,016.19	3/4	2,752.35	3/4	2,456.70	3/4	2,160.46		
1		1		1		1	3,756.54	1	3,516.64	1	3,263.78	1	3,010.92	1	2,746.19	1	2,450.53	1	2,154.29		
1/4		1/4		1/4		1/4	3,753.45	1/4	3,511.37	1/4	3,258.51	1/4	3,005.65	1/4	2,740.04	1/4	2,444.36	1/4	2,148.11		
1/2		1/2		1/2		1/2	3,750.35	1/2	3,506.11	1/2	3,253.25	1/2	3,000.39	1/2	2,733.89	1/2	2,438.19	1/2	2,141.94		
3/4		3/4		3/4		3/4	3,747.25	3/4	3,500.84	3/4	3,247.98	3/4	2,995.12	3/4	2,727.73	3/4	2,432.02	3/4	2,135.77		
2		2		2		2	3,743.10	2	3,495.57	2	3,242.71	2	2,989.85	2	2,721.58	2	2,425.84	2	2,129.60		
1/4		1/4		1/4		1/4	3,738.95	1/4	3,490.30	1/4	3,237.44	1/4	2,984.58	1/4	2,715.43	1/4	2,419.67	1/4	2,123.43		
1/2		1/2		1/2		1/2	3,734.80	1/2	3,485.03	1/2	3,232.17	1/2	2,979.32	1/2	2,709.27	1/2	2,413.50	1/2	2,117.25		
3/4		3/4		3/4		3/4	3,730.66	3/4	3,479.77	3/4	3,226.91	3/4	2,974.05	3/4	2,703.12	3/4	2,407.33	3/4	2,111.08		
3		3		3		3	3,725.52	3	3,474.50	3	3,221.64	3	2,968.78	3	2,696.97	3	2,401.16	3	2,104.91		
1/4		1/4		1/4		1/4	3,720.39	1/4	3,469.23	1/4	3,216.37	1/4	2,963.51	1/4	2,690.82	1/4	2,394.99	1/4	2,098.74		
1/2		1/2		1/2		1/2	3,715.25	1/2	3,463.96	1/2	3,211.10	1/2	2,958.24	1/2	2,684.66	1/2	2,388.81	1/2	2,092.57		
3/4		3/4		3/4		3/4	3,710.12	3/4	3,458.69	3/4	3,205.83	3/4	2,952.98	3/4	2,678.51	3/4	2,382.64	3/4	2,086.40		
4		4		4		4	3,704.95	4	3,453.43	4	3,200.57	4	2,947.71	4	2,672.36	4	2,376.47	4	2,080.22		
1/4		1/4		1/4		1/4	3,699.78	1/4	3,448.16	1/4	3,195.30	1/4	2,942.44	1/4	2,666.20	1/4	2,370.30	1/4	2,074.05		
1/2		1/2		1/2		1/2	3,694.61	1/2	3,442.89	1/2	3,190.03	1/2	2,937.17	1/2	2,660.05	1/2	2,364.13	1/2	2,067.88		
3/4		3/4		3/4		3/4	3,689.44	3/4	3,437.62	3/4	3,184.76	3/4	2,931.90	3/4	2,653.90	3/4	2,357.95	3/4	2,061.71		
5		5		5		5	3,684.26	5	3,432.35	5	3,179.50	5	2,926.64	5	2,647.75	5	2,351.78	5	2,055.54		
1/4		1/4		1/4		1/4	3,679.08	1/4	3,427.09	1/4	3,174.23	1/4	2,921.37	1/4	2,641.59	1/4	2,345.61	1/4	2,049.36		
1/2		1/2		1/2		1/2	3,673.89	1/2	3,421.82	1/2	3,168.96	1/2	2,916.10	1/2	2,635.44	1/2	2,339.44	1/2	2,043.19		
3/4		3/4		3/4		3/4	3,668.71	3/4	3,416.55	3/4	3,163.69	3/4	2,910.83	3/4	2,629.29	3/4	2,333.27	3/4	2,037.02		
6		6		6		6	3,663.53	6	3,411.28	6	3,158.42	6	2,905.56	6	2,623.13	6	2,327.10	6	2,030.85		
1/4		1/4		1/4		1/4	3,658.35	1/4	3,406.02	1/4	3,153.16	1/4	2,900.30	1/4	2,616.98	1/4	2,320.92	1/4	2,024.68		
1/2		1/2		1/2		1/2	3,653.17	1/2	3,400.75	1/2	3,147.89	1/2	2,895.03	1/2	2,610.83	1/2	2,314.75	1/2	2,018.51		
3/4		3/4		3/4		3/4	3,647.99	3/4	3,395.48	3/4	3,142.62	3/4	2,889.76	3/4	2,604.68	3/4	2,308.58	3/4	2,012.33		
7		7		7		7	3,642.81	7	3,390.21	7	3,137.35	7	2,884.49	7	2,598.52	7	2,302.41	7	2,006.16		
1/4		1/4		1/4		1/4	3,637.63	1/4	3,384.94	1/4	3,132.08	1/4	2,879.23	1/4	2,592.37	1/4	2,296.24	1/4	1,999.99		
1/2		1/2		1/2		1/2	3,632.45	1/2	3,379.68	1/2	3,126.82	1/2	2,873.96	1/2	2,586.22	1/2	2,290.07	1/2	1,993.82		
3/4		3/4		3/4		3/4	3,627.27	3/4	3,374.41	3/4	3,121.55	3/4	2,868.69	3/4	2,580.06	3/4	2,283.89	3/4	1,987.65		
8		8		8		8	3,622.00	8	3,369.14	8	3,116.28	8	2,863.40	8	2,573.91	8	2,277.72	8	1,981.48		
1/4		1/4		1/4		1/4	3,616.73	1/4	3,363.87	1/4	3,111.01	1/4	2,858.10	1/4	2,567.76	1/4	2,271.55	1/4	1,975.30		
1/2		1/2		1/2		1/2	3,611.46	1/2	3,358.60	1/2	3,105.74	1/2	2,852.81	1/2	2,561.61	1/2	2,265.38	1/2	1,969.13		
3/4		3/4		3/4		3/4	3,606.20	3/4	3,353.34	3/4	3,100.48	3/4	2,847.52	3/4	2,555.45	3/4	2,259.21	3/4	1,962.96		
9		9		9		9	3,600.93	9	3,348.07	9	3,095.21	9	2,842.23	9	2,549.28	9	2,253.03	9	1,956.79		
1/4		1/4		1/4		1/4	3,595.66	1/4	3,342.80	1/4	3,089.94	1/4	2,836.93	1/4	2,543.11	1/4	2,246.86	1/4	1,950.62		
1/2		1/2		1/2		1/2	3,590.39	1/2	3,337.53	1/2	3,084.67	1/2	2,831.64	1/2	2,536.94	1/2	2,240.69	1/2	1,944.44		
3/4		3/4		3/4		3/4	3,585.12	3/4	3,332.26	3/4	3,079.41	3/4	2,826.35	3/4	2,530.77	3/4	2,234.52	3/4	1,938.27		
10		10		10		10	3,579.86	10	3,327.00	10	3,074.14	10	2,820.15	10	2,524.59	10	2,228.35	10	1,932.10		
1/4		1/4		1/4		1/4	3,574.59	1/4	3,321.73	1/4	3,068.87	1/4	2,813.96	1/4	2,518.42	1/4	2,222.18	1/4	1,925.93		
1/2		1/2		1/2		1/2	3,569.32	1/2	3,316.46	1/2	3,063.60	1/2	2,807.76	1/2	2,512.25	1/2	2,216.00	1/2	1,919.76		
3/4		3/4		3/4		3/4	3,564.05	3/4	3,311.19	3/4	3,058.33	3/4	2,801.57	3/4	2,506.08	3/4	2,209.83	3/4	1,913.59		
11		11		11		11	3,558.78	11	3,305.92	11	3,053.07	11	2,795.42	11	2,499.91	11	2,203.66	11	1,907.41		
1/4		1/4		1/4		1/4	3,553.52	1/4	3,300.66	1/4	3,047.80	1/4	2,789.26	1/4	2,493.73	1/4	2,197.49	1/4	1,901.24		
1/2		1/2		1/2		1/2	3,548.25	1/2	3,295.39	1/2	3,042.53	1/2	2,783.11	1/2	2,487.56	1/2	2,191.32	1/2	1,895.07		
3/4		3/4		3/4		3/4	3,763.77	3/4	3,542.98	3/4	3,290.12	3/4	3,037.26	3/4	2,776.96	3/4	2,481.39	3/4	2,185.14	3/4	1,888.90

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "KIRBY 10269"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,882.73	0	1,586.24	0	1,289.58	0	992.93	0	702.32	0	405.52	0	108.69	0		0		0	
1/4	1,876.55	1/4	1,580.06	1/4	1,283.40	1/4	986.75	1/4	696.15	1/4	399.33	1/4	102.53	1/4	1/4	1/4		1/4	
1/2	1,870.38	1/2	1,573.88	1/2	1,277.22	1/2	980.57	1/2	689.98	1/2	393.15	1/2	96.38	1/2	1/2	1/2		1/2	
3/4	1,864.21	3/4	1,567.70	3/4	1,271.04	3/4	974.39	3/4	683.82	3/4	386.96	3/4	90.22	3/4	3/4	3/4		3/4	
1	1,858.04	1	1,561.52	1	1,264.86	1	968.27	1	677.63	1	380.78	1	84.10	1	1	1		1	
1/4	1,851.87	1/4	1,555.34	1/4	1,258.68	1/4	962.15	1/4	671.45	1/4	374.59	1/4	77.97	1/4	1/4	1/4		1/4	
1/2	1,845.70	1/2	1,549.16	1/2	1,252.50	1/2	956.04	1/2	665.26	1/2	368.41	1/2	71.85	1/2	1/2	1/2		1/2	
3/4	1,839.52	3/4	1,542.98	3/4	1,246.32	3/4	949.92	3/4	659.08	3/4	362.22	3/4	65.72	3/4	3/4	3/4		3/4	
2	1,833.35	2	1,536.80	2	1,240.14	2	943.86	2	652.90	2	356.04	2	59.65	2	2	2		2	
1/4	1,827.18	1/4	1,530.62	1/4	1,233.96	1/4	937.81	1/4	646.71	1/4	349.85	1/4	53.58	1/4	1/4	1/4		1/4	
1/2	1,821.01	1/2	1,524.44	1/2	1,227.78	1/2	931.75	1/2	640.53	1/2	343.67	1/2	47.52	1/2	1/2	1/2		1/2	
3/4	1,814.84	3/4	1,518.25	3/4	1,221.60	3/4	925.70	3/4	634.35	3/4	337.48	3/4	41.45	3/4	3/4	3/4		3/4	
3	1,808.66	3	1,512.07	3	1,215.42	3	919.65	3	628.16	3	331.30	3	36.29	3	3	3		3	
1/4	1,802.48	1/4	1,505.89	1/4	1,209.24	1/4	913.59	1/4	621.98	1/4	325.12	1/4	31.14	1/4	1/4	1/4		1/4	
1/2	1,796.30	1/2	1,499.71	1/2	1,203.06	1/2	907.54	1/2	615.79	1/2	318.93	1/2	25.98	1/2	1/2	1/2		1/2	
3/4	1,790.12	3/4	1,493.53	3/4	1,196.88	3/4	901.49	3/4	609.61	3/4	312.75	3/4	20.83	3/4	3/4	3/4		3/4	
4	1,783.94	4	1,487.35	4	1,190.70	4	895.45	4	603.42	4	306.56	4	17.73	4	4	4		4	
1/4	1,777.76	1/4	1,481.17	1/4	1,184.52	1/4	889.41	1/4	597.24	1/4	300.38	1/4	14.63	1/4	1/4	1/4		1/4	
1/2	1,771.58	1/2	1,474.99	1/2	1,178.34	1/2	883.37	1/2	591.05	1/2	294.19	1/2	11.54	1/2	1/2	1/2		1/2	
3/4	1,765.40	3/4	1,468.81	3/4	1,172.16	3/4	877.33	3/4	584.87	3/4	288.01	3/4	8.44	3/4	3/4	3/4		3/4	
5	1,759.22	5	1,462.63	5	1,165.98	5	871.31	5	578.68	5	281.82	5	7.41	5	5	5		5	
1/4	1,753.04	1/4	1,456.45	1/4	1,159.80	1/4	865.29	1/4	572.50	1/4	275.64	1/4	6.37	1/4	1/4	1/4		1/4	
1/2	1,746.86	1/2	1,450.27	1/2	1,153.62	1/2	859.27	1/2	566.31	1/2	269.45	1/2	5.34	1/2	1/2	1/2		1/2	
3/4	1,740.68	3/4	1,444.09	3/4	1,147.44	3/4	853.25	3/4	560.13	3/4	263.27	3/4	4.31	3/4	3/4	3/4		3/4	
6	1,734.50	6	1,437.91	6	1,141.26	6	847.23	6	553.95	6	257.08	6		6	6	6		6	
1/4	1,728.32	1/4	1,431.73	1/4	1,135.08	1/4	841.21	1/4	547.76	1/4	250.90	1/4		1/4	1/4	1/4		1/4	
1/2	1,722.14	1/2	1,425.55	1/2	1,128.90	1/2	835.18	1/2	541.58	1/2	244.72	1/2		1/2	1/2	1/2		1/2	
3/4	1,715.96	3/4	1,419.37	3/4	1,122.72	3/4	829.16	3/4	535.39	3/4	238.53	3/4		3/4	3/4	3/4		3/4	
7	1,709.78	7	1,413.19	7	1,116.54	7	823.14	7	529.21	7	232.35	7		7	7	7		7	
1/4	1,703.61	1/4	1,407.01	1/4	1,110.36	1/4	817.12	1/4	523.02	1/4	226.16	1/4		1/4	1/4	1/4		1/4	
1/2	1,697.43	1/2	1,400.83	1/2	1,104.17	1/2	811.10	1/2	516.84	1/2	219.98	1/2		1/2	1/2	1/2		1/2	
3/4	1,691.25	3/4	1,394.65	3/4	1,097.99	3/4	805.08	3/4	510.65	3/4	213.79	3/4		3/4	3/4	3/4		3/4	
8	1,685.07	8	1,388.47	8	1,091.81	8	799.06	8	504.47	8	207.61	8		8	8	8		8	
1/4	1,678.90	1/4	1,382.29	1/4	1,085.63	1/4	793.04	1/4	498.28	1/4	201.42	1/4		1/4	1/4	1/4		1/4	
1/2	1,672.72	1/2	1,376.11	1/2	1,079.45	1/2	787.01	1/2	492.10	1/2	195.24	1/2		1/2	1/2	1/2		1/2	
3/4	1,666.54	3/4	1,369.93	3/4	1,073.27	3/4	780.99	3/4	485.91	3/4	189.05	3/4		3/4	3/4	3/4		3/4	
9	1,660.37	9	1,363.75	9	1,067.09	9	774.97	9	479.73	9	182.87	9		9	9	9		9	
1/4	1,654.19	1/4	1,357.57	1/4	1,060.91	1/4	768.95	1/4	473.55	1/4	176.69	1/4		1/4	1/4	1/4		1/4	
1/2	1,648.01	1/2	1,351.39	1/2	1,054.73	1/2	762.93	1/2	467.36	1/2	170.50	1/2		1/2	1/2	1/2		1/2	
3/4	1,641.84	3/4	1,345.21	3/4	1,048.55	3/4	756.91	3/4	461.18	3/4	164.32	3/4		3/4	3/4	3/4		3/4	
10	1,635.66	10	1,339.03	10	1,042.37	10	750.89	10	454.99	10	158.13	10		10	10	10		10	
1/4	1,629.48	1/4	1,332.85	1/4	1,036.19	1/4	744.87	1/4	448.81	1/4	151.94	1/4		1/4	1/4	1/4		1/4	
1/2	1,623.30	1/2	1,326.67	1/2	1,030.01	1/2	738.84	1/2	442.62	1/2	145.75	1/2		1/2	1/2	1/2		1/2	
3/4	1,617.13	3/4	1,320.49	3/4	1,023.83	3/4	732.82	3/4	436.44	3/4	139.56	3/4		3/4	3/4	3/4		3/4	
11	1,610.95	11	1,314.30	11	1,017.65	11	726.74	11	430.25	11	133.38	11		11	11	11		11	
1/4	1,604.77	1/4	1,308.12	1/4	1,011.47	1/4	720.65	1/4	424.07	1/4	127.20	1/4		1/4	1/4	1/4		1/4	
1/2	1,598.60	1/2	1,301.94	1/2	1,005.29	1/2	714.57	1/2	417.88	1/2	121.03	1/2		1/2	1/2	1/2		1/2	
3/4	1,592.42	3/4	1,295.76	3/4	999.11	3/4	708.48	3/4	411.70	3/4	114.85	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/14/2013 SW  
CALCULATED: 11/14/2013 CL  
VERIFIED: 01/19/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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



# BARGE "KIRBY 10269"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	3,468.25	0	3,237.48	0	2,976.09	0	2,714.70	0	2,452.81	0	2,190.02	0	1,927.23		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,467.33	1/4	3,232.04	1/4	2,970.65	1/4	2,709.25	1/4	2,447.33	1/4	2,184.54	1/4	1,921.75		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,466.42	1/2	3,226.59	1/2	2,965.20	1/2	2,703.81	1/2	2,441.86	1/2	2,179.07	1/2	1,916.28		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,465.51	3/4	3,221.15	3/4	2,959.75	3/4	2,698.36	3/4	2,436.38	3/4	2,173.59	3/4	1,910.80		
1		1		1		1	3,462.77	1	3,215.70	1	2,954.31	1	2,692.91	1	2,430.91	1	2,168.12	1	1,905.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,460.03	1/4	3,210.26	1/4	2,948.86	1/4	2,687.47	1/4	2,425.44	1/4	2,162.64	1/4	1,899.85		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,457.29	1/2	3,204.81	1/2	2,943.42	1/2	2,682.02	1/2	2,419.96	1/2	2,157.17	1/2	1,894.38		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,454.55	3/4	3,199.36	3/4	2,937.97	3/4	2,676.58	3/4	2,414.49	3/4	2,151.70	3/4	1,888.90		
2		2		2		2	3,450.11	2	3,193.92	2	2,932.53	2	2,671.13	2	2,409.01	2	2,146.22	2	1,883.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,445.68	1/4	3,188.47	1/4	2,927.08	1/4	2,665.69	1/4	2,403.54	1/4	2,140.75	1/4	1,877.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,441.24	1/2	3,183.03	1/2	2,921.63	1/2	2,660.24	1/2	2,398.06	1/2	2,135.27	1/2	1,872.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,436.81	3/4	3,177.58	3/4	2,916.19	3/4	2,654.79	3/4	2,392.59	3/4	2,129.80	3/4	1,867.01		
3		3		3		3	3,431.50	3	3,172.14	3	2,910.74	3	2,649.35	3	2,387.11	3	2,124.32	3	1,861.53		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,426.19	1/4	3,166.69	1/4	2,905.30	1/4	2,643.90	1/4	2,381.64	1/4	2,118.85	1/4	1,856.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,420.89	1/2	3,161.25	1/2	2,899.85	1/2	2,638.46	1/2	2,376.16	1/2	2,113.37	1/2	1,850.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,415.58	3/4	3,155.80	3/4	2,894.41	3/4	2,633.01	3/4	2,370.69	3/4	2,107.90	3/4	1,845.11		
4		4		4		4	3,410.24	4	3,150.35	4	2,888.96	4	2,627.57	4	2,365.21	4	2,102.42	4	1,839.63		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,404.91	1/4	3,144.91	1/4	2,883.51	1/4	2,622.12	1/4	2,359.74	1/4	2,096.95	1/4	1,834.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,399.57	1/2	3,139.46	1/2	2,878.07	1/2	2,616.68	1/2	2,354.26	1/2	2,091.47	1/2	1,828.68		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,394.23	3/4	3,134.02	3/4	2,872.62	3/4	2,611.23	3/4	2,348.79	3/4	2,086.00	3/4	1,823.21		
5		5		5		5	3,388.88	5	3,128.57	5	2,867.18	5	2,605.78	5	2,343.31	5	2,080.52	5	1,817.73		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,383.53	1/4	3,123.13	1/4	2,861.73	1/4	2,600.34	1/4	2,337.84	1/4	2,075.05	1/4	1,812.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,378.18	1/2	3,117.68	1/2	2,856.29	1/2	2,594.89	1/2	2,332.36	1/2	2,069.57	1/2	1,806.78		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,372.83	3/4	3,112.23	3/4	2,850.84	3/4	2,589.45	3/4	2,326.89	3/4	2,064.10	3/4	1,801.31		
6		6		6		6	3,367.48	6	3,106.79	6	2,845.39	6	2,584.00	6	2,321.41	6	2,058.62	6	1,795.83		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,362.14	1/4	3,101.34	1/4	2,839.95	1/4	2,578.56	1/4	2,315.94	1/4	2,053.15	1/4	1,790.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,356.79	1/2	3,095.90	1/2	2,834.50	1/2	2,573.11	1/2	2,310.46	1/2	2,047.67	1/2	1,784.88		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,351.45	3/4	3,090.45	3/4	2,829.06	3/4	2,567.66	3/4	2,304.99	3/4	2,042.20	3/4	1,779.41		
7		7		7		7	3,346.10	7	3,085.01	7	2,823.61	7	2,562.22	7	2,299.51	7	2,036.72	7	1,773.93		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,340.75	1/4	3,079.56	1/4	2,818.17	1/4	2,556.77	1/4	2,294.04	1/4	2,031.25	1/4	1,768.46		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,335.41	1/2	3,074.11	1/2	2,812.72	1/2	2,551.33	1/2	2,288.57	1/2	2,025.77	1/2	1,762.98		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,330.06	3/4	3,068.67	3/4	2,807.27	3/4	2,545.88	3/4	2,283.09	3/4	2,020.30	3/4	1,757.51		
8		8		8		8	3,324.62	8	3,063.22	8	2,801.83	8	2,540.41	8	2,277.62	8	2,014.83	8	1,752.03		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,319.17	1/4	3,057.78	1/4	2,796.38	1/4	2,534.93	1/4	2,272.14	1/4	2,009.35	1/4	1,746.56		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,313.72	1/2	3,052.33	1/2	2,790.94	1/2	2,529.46	1/2	2,266.67	1/2	2,003.88	1/2	1,741.09		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,308.28	3/4	3,046.89	3/4	2,785.49	3/4	2,523.98	3/4	2,261.19	3/4	1,998.40	3/4	1,735.61		
9		9		9		9	3,302.83	9	3,041.44	9	2,780.05	9	2,518.51	9	2,255.72	9	1,992.93	9	1,730.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,297.39	1/4	3,035.99	1/4	2,774.60	1/4	2,513.03	1/4	2,250.24	1/4	1,987.45	1/4	1,724.66		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,291.94	1/2	3,030.55	1/2	2,769.15	1/2	2,507.56	1/2	2,244.77	1/2	1,981.98	1/2	1,719.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,286.50	3/4	3,025.10	3/4	2,763.71	3/4	2,502.08	3/4	2,239.29	3/4	1,976.50	3/4	1,713.71		
10		10		10		10	3,281.05	10	3,019.66	10	2,758.26	10	2,496.61	10	2,233.82	10	1,971.03	10	1,708.24		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,275.60	1/4	3,014.21	1/4	2,752.82	1/4	2,491.13	1/4	2,228.34	1/4	1,965.55	1/4	1,702.76		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,270.16	1/2	3,008.77	1/2	2,747.37	1/2	2,485.66	1/2	2,222.87	1/2	1,960.08	1/2	1,697.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,264.71	3/4	3,003.32	3/4	2,741.93	3/4	2,480.18	3/4	2,217.39	3/4	1,954.60	3/4	1,691.81		
11		11		11		11	3,259.27	11	2,997.87	11	2,736.48	11	2,474.71	11	2,211.92	11	1,949.13	11	1,686.34		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,253.82	1/4	2,992.43	1/4	2,731.03	1/4	2,469.23	1/4	2,206.44	1/4	1,943.65	1/4	1,680.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,248.38	1/2	2,986.98	1/2	2,725.59	1/2	2,463.76	1/2	2,200.97	1/2	1,938.18	1/2	1,675.39		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,469.16	3/4	3,242.93	3/4	2,981.54	3/4	2,720.14	3/4	2,458.28	3/4	2,195.49	3/4	1,932.70	3/4	1,669.91

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 28'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 10269"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,664.44	0	1,401.64	0	1,138.69	0	877.68	0	618.71	0	355.77	0	92.96	0		0		0	
1/4	1,658.96	1/4	1,396.17	1/4	1,133.21	1/4	872.28	1/4	613.23	1/4	350.29	1/4	87.51	1/4	1/4	1/4		1/4	
1/2	1,653.49	1/2	1,390.69	1/2	1,127.73	1/2	866.89	1/2	607.75	1/2	344.82	1/2	82.07	1/2	1/2	1/2		1/2	
3/4	1,648.01	3/4	1,385.21	3/4	1,122.25	3/4	861.49	3/4	602.28	3/4	339.34	3/4	76.63	3/4	3/4	3/4		3/4	
1	1,642.54	1	1,379.73	1	1,116.77	1	856.10	1	596.80	1	333.86	1	71.21	1	1	1		1	
1/4	1,637.06	1/4	1,374.25	1/4	1,111.29	1/4	850.71	1/4	591.32	1/4	328.38	1/4	65.80	1/4	1/4	1/4		1/4	
1/2	1,631.59	1/2	1,368.77	1/2	1,105.82	1/2	845.31	1/2	585.84	1/2	322.90	1/2	60.38	1/2	1/2	1/2		1/2	
3/4	1,626.11	3/4	1,363.30	3/4	1,100.34	3/4	839.92	3/4	580.36	3/4	317.43	3/4	54.97	3/4	3/4	3/4		3/4	
2	1,620.64	2	1,357.82	2	1,094.86	2	834.53	2	574.89	2	311.95	2	49.61	2	2	2		2	
1/4	1,615.16	1/4	1,352.34	1/4	1,089.38	1/4	829.13	1/4	569.41	1/4	306.47	1/4	44.24	1/4	1/4	1/4		1/4	
1/2	1,609.69	1/2	1,346.86	1/2	1,083.90	1/2	823.74	1/2	563.93	1/2	300.99	1/2	38.88	1/2	1/2	1/2		1/2	
3/4	1,604.22	3/4	1,341.38	3/4	1,078.42	3/4	818.35	3/4	558.45	3/4	295.51	3/4	33.51	3/4	3/4	3/4		3/4	
3	1,598.74	3	1,335.90	3	1,072.95	3	812.96	3	552.98	3	290.04	3	28.95	3	3	3		3	
1/4	1,593.27	1/4	1,330.43	1/4	1,067.47	1/4	807.57	1/4	547.50	1/4	284.56	1/4	24.40	1/4	1/4	1/4		1/4	
1/2	1,587.79	1/2	1,324.95	1/2	1,061.99	1/2	802.18	1/2	542.02	1/2	279.08	1/2	19.84	1/2	1/2	1/2		1/2	
3/4	1,582.32	3/4	1,319.47	3/4	1,056.51	3/4	796.79	3/4	536.54	3/4	273.60	3/4	15.28	3/4	3/4	3/4		3/4	
4	1,576.84	4	1,313.99	4	1,051.03	4	791.40	4	531.06	4	268.12	4	12.54	4	4	4		4	
1/4	1,571.37	1/4	1,308.51	1/4	1,045.55	1/4	786.02	1/4	525.59	1/4	262.65	1/4	9.81	1/4	1/4	1/4		1/4	
1/2	1,565.89	1/2	1,303.03	1/2	1,040.08	1/2	780.63	1/2	520.11	1/2	257.17	1/2	7.07	1/2	1/2	1/2		1/2	
3/4	1,560.42	3/4	1,297.56	3/4	1,034.60	3/4	775.24	3/4	514.63	3/4	251.69	3/4	4.33	3/4	3/4	3/4		3/4	
5	1,554.94	5	1,292.08	5	1,029.12	5	769.85	5	509.15	5	246.21	5	3.42	5	5	5		5	
1/4	1,549.47	1/4	1,286.60	1/4	1,023.64	1/4	764.46	1/4	503.67	1/4	240.74	1/4	2.50	1/4	1/4	1/4		1/4	
1/2	1,543.99	1/2	1,281.12	1/2	1,018.16	1/2	759.07	1/2	498.20	1/2	235.26	1/2	1.59	1/2	1/2	1/2		1/2	
3/4	1,538.52	3/4	1,275.64	3/4	1,012.68	3/4	753.69	3/4	492.72	3/4	229.78	3/4	0.68	3/4	3/4	3/4		3/4	
6	1,533.04	6	1,270.17	6	1,007.25	6	748.30	6	487.24	6	224.30	6		6	6	6		6	
1/4	1,527.57	1/4	1,264.69	1/4	1,001.81	1/4	742.91	1/4	481.76	1/4	218.82	1/4		1/4	1/4	1/4		1/4	
1/2	1,522.09	1/2	1,259.21	1/2	996.38	1/2	737.52	1/2	476.28	1/2	213.35	1/2		1/2	1/2	1/2		1/2	
3/4	1,516.62	3/4	1,253.73	3/4	990.94	3/4	732.13	3/4	470.81	3/4	207.87	3/4		3/4	3/4	3/4		3/4	
7	1,511.14	7	1,248.25	7	985.55	7	726.74	7	465.33	7	202.39	7		7	7	7		7	
1/4	1,505.67	1/4	1,242.77	1/4	980.15	1/4	721.36	1/4	459.85	1/4	196.91	1/4		1/4	1/4	1/4		1/4	
1/2	1,500.19	1/2	1,237.30	1/2	974.76	1/2	715.97	1/2	454.37	1/2	191.43	1/2		1/2	1/2	1/2		1/2	
3/4	1,494.72	3/4	1,231.82	3/4	969.37	3/4	710.58	3/4	448.90	3/4	185.96	3/4		3/4	3/4	3/4		3/4	
8	1,489.24	8	1,226.34	8	963.97	8	705.19	8	443.42	8	180.48	8		8	8	8		8	
1/4	1,483.77	1/4	1,220.86	1/4	958.58	1/4	699.80	1/4	437.94	1/4	175.00	1/4		1/4	1/4	1/4		1/4	
1/2	1,478.29	1/2	1,215.38	1/2	953.19	1/2	694.41	1/2	432.46	1/2	169.52	1/2		1/2	1/2	1/2		1/2	
3/4	1,472.82	3/4	1,209.90	3/4	947.79	3/4	689.03	3/4	426.98	3/4	164.04	3/4		3/4	3/4	3/4		3/4	
9	1,467.35	9	1,204.43	9	942.40	9	683.64	9	421.51	9	158.57	9		9	9	9		9	
1/4	1,461.87	1/4	1,198.95	1/4	937.00	1/4	678.25	1/4	416.03	1/4	153.09	1/4		1/4	1/4	1/4		1/4	
1/2	1,456.40	1/2	1,193.47	1/2	931.61	1/2	672.86	1/2	410.55	1/2	147.61	1/2		1/2	1/2	1/2		1/2	
3/4	1,450.92	3/4	1,187.99	3/4	926.22	3/4	667.47	3/4	405.07	3/4	142.14	3/4		3/4	3/4	3/4		3/4	
10	1,445.45	10	1,182.51	10	920.82	10	662.09	10	399.59	10	136.66	10		10	10	10		10	
1/4	1,439.97	1/4	1,177.03	1/4	915.43	1/4	656.70	1/4	394.12	1/4	131.19	1/4		1/4	1/4	1/4		1/4	
1/2	1,434.50	1/2	1,171.56	1/2	910.04	1/2	651.31	1/2	388.64	1/2	125.72	1/2		1/2	1/2	1/2		1/2	
3/4	1,429.02	3/4	1,166.08	3/4	904.64	3/4	645.92	3/4	383.16	3/4	120.25	3/4		3/4	3/4	3/4		3/4	
11	1,423.55	11	1,160.60	11	899.25	11	640.49	11	377.68	11	114.79	11		11	11	11		11	
1/4	1,418.07	1/4	1,155.12	1/4	893.86	1/4	635.05	1/4	372.20	1/4	109.32	1/4		1/4	1/4	1/4		1/4	
1/2	1,412.60	1/2	1,149.64	1/2	888.46	1/2	629.62	1/2	366.73	1/2	103.86	1/2		1/2	1/2	1/2		1/2	
3/4	1,407.12	3/4	1,144.16	3/4	883.07	3/4	624.18	3/4	361.25	3/4	98.40	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/14/2013 SW  
CALCULATED: 11/14/2013 CL  
VERIFIED: 01/19/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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



# BARGE "KIRBY 10269"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	3,446.35	0	3,217.34	0	2,957.93	0	2,698.52	0	2,438.61	0	2,177.80	0	1,916.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,445.45	1/4	3,211.93	1/4	2,952.52	1/4	2,693.11	1/4	2,433.18	1/4	2,172.36	1/4	1,911.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,444.54	1/2	3,206.53	1/2	2,947.12	1/2	2,687.71	1/2	2,427.74	1/2	2,166.93	1/2	1,906.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,443.64	3/4	3,201.13	3/4	2,941.71	3/4	2,682.30	3/4	2,422.31	3/4	2,161.50	3/4	1,900.68
1		1		1		1	3,440.92	1	3,195.72	1	2,936.31	1	2,676.90	1	2,416.87	1	2,156.06	1	1,895.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,438.20	1/4	3,190.32	1/4	2,930.91	1/4	2,671.49	1/4	2,411.44	1/4	2,150.63	1/4	1,889.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,435.48	1/2	3,184.91	1/2	2,925.50	1/2	2,666.09	1/2	2,406.01	1/2	2,145.19	1/2	1,884.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,432.76	3/4	3,179.51	3/4	2,920.10	3/4	2,660.69	3/4	2,400.57	3/4	2,139.76	3/4	1,878.95
2		2		2		2	3,428.36	2	3,174.10	2	2,914.69	2	2,655.28	2	2,395.14	2	2,134.33	2	1,873.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,423.96	1/4	3,168.70	1/4	2,909.29	1/4	2,649.88	1/4	2,389.71	1/4	2,128.89	1/4	1,868.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,419.56	1/2	3,163.30	1/2	2,903.88	1/2	2,644.47	1/2	2,384.27	1/2	2,123.46	1/2	1,862.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,415.16	3/4	3,157.89	3/4	2,898.48	3/4	2,639.07	3/4	2,378.84	3/4	2,118.03	3/4	1,857.21
3		3		3		3	3,409.89	3	3,152.49	3	2,893.08	3	2,633.66	3	2,373.41	3	2,112.59	3	1,851.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,404.62	1/4	3,147.08	1/4	2,887.67	1/4	2,628.26	1/4	2,367.97	1/4	2,107.16	1/4	1,846.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,399.36	1/2	3,141.68	1/2	2,882.27	1/2	2,622.86	1/2	2,362.54	1/2	2,101.73	1/2	1,840.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,394.09	3/4	3,136.27	3/4	2,876.86	3/4	2,617.45	3/4	2,357.11	3/4	2,096.29	3/4	1,835.48
4		4		4		4	3,388.80	4	3,130.87	4	2,871.46	4	2,612.05	4	2,351.67	4	2,090.86	4	1,830.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,383.50	1/4	3,125.46	1/4	2,866.05	1/4	2,606.64	1/4	2,346.24	1/4	2,085.43	1/4	1,824.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,378.20	1/2	3,120.06	1/2	2,860.65	1/2	2,601.24	1/2	2,340.80	1/2	2,079.99	1/2	1,819.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,372.91	3/4	3,114.66	3/4	2,855.24	3/4	2,595.83	3/4	2,335.37	3/4	2,074.56	3/4	1,813.75
5		5		5		5	3,367.59	5	3,109.25	5	2,849.84	5	2,590.43	5	2,329.94	5	2,069.12	5	1,808.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,362.28	1/4	3,103.85	1/4	2,844.44	1/4	2,585.02	1/4	2,324.50	1/4	2,063.69	1/4	1,802.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,356.97	1/2	3,098.44	1/2	2,839.03	1/2	2,579.62	1/2	2,319.07	1/2	2,058.26	1/2	1,797.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,351.66	3/4	3,093.04	3/4	2,833.63	3/4	2,574.22	3/4	2,313.64	3/4	2,052.82	3/4	1,792.01
6		6		6		6	3,346.35	6	3,087.63	6	2,828.22	6	2,568.81	6	2,308.20	6	2,047.39	6	1,786.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,341.05	1/4	3,082.23	1/4	2,822.82	1/4	2,563.41	1/4	2,302.77	1/4	2,041.96	1/4	1,781.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,335.74	1/2	3,076.82	1/2	2,817.41	1/2	2,558.00	1/2	2,297.34	1/2	2,036.52	1/2	1,775.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,330.44	3/4	3,071.42	3/4	2,812.01	3/4	2,552.60	3/4	2,291.90	3/4	2,031.09	3/4	1,770.28
7		7		7		7	3,325.13	7	3,066.02	7	2,806.60	7	2,547.19	7	2,286.47	7	2,025.66	7	1,764.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,319.83	1/4	3,060.61	1/4	2,801.20	1/4	2,541.79	1/4	2,281.03	1/4	2,020.22	1/4	1,759.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,314.52	1/2	3,055.21	1/2	2,795.80	1/2	2,536.38	1/2	2,275.60	1/2	2,014.79	1/2	1,753.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,309.21	3/4	3,049.80	3/4	2,790.39	3/4	2,530.98	3/4	2,270.17	3/4	2,009.35	3/4	1,748.54
8		8		8		8	3,303.81	8	3,044.40	8	2,784.99	8	2,525.55	8	2,264.73	8	2,003.92	8	1,743.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,298.41	1/4	3,038.99	1/4	2,779.58	1/4	2,520.11	1/4	2,259.30	1/4	1,998.49	1/4	1,737.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,293.00	1/2	3,033.59	1/2	2,774.18	1/2	2,514.68	1/2	2,253.87	1/2	1,993.05	1/2	1,732.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,287.60	3/4	3,028.19	3/4	2,768.77	3/4	2,509.25	3/4	2,248.43	3/4	1,987.62	3/4	1,726.81
9		9		9		9	3,282.19	9	3,022.78	9	2,763.37	9	2,503.81	9	2,243.00	9	1,982.19	9	1,721.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,276.79	1/4	3,017.38	1/4	2,757.97	1/4	2,498.38	1/4	2,237.57	1/4	1,976.75	1/4	1,715.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,271.38	1/2	3,011.97	1/2	2,752.56	1/2	2,492.95	1/2	2,232.13	1/2	1,971.32	1/2	1,710.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,265.98	3/4	3,006.57	3/4	2,747.16	3/4	2,487.51	3/4	2,226.70	3/4	1,965.89	3/4	1,705.07
10		10		10		10	3,260.57	10	3,001.16	10	2,741.75	10	2,482.08	10	2,221.27	10	1,960.45	10	1,699.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,255.17	1/4	2,995.76	1/4	2,736.35	1/4	2,476.64	1/4	2,215.83	1/4	1,955.02	1/4	1,694.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,249.77	1/2	2,990.35	1/2	2,730.94	1/2	2,471.21	1/2	2,210.40	1/2	1,949.59	1/2	1,688.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,244.36	3/4	2,984.95	3/4	2,725.54	3/4	2,465.78	3/4	2,204.96	3/4	1,944.15	3/4	1,683.34
11		11		11		11	3,238.96	11	2,979.55	11	2,720.13	11	2,460.34	11	2,199.53	11	1,938.72	11	1,677.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,233.55	1/4	2,974.14	1/4	2,714.73	1/4	2,454.91	1/4	2,194.10	1/4	1,933.28	1/4	1,672.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,228.15	1/2	2,968.74	1/2	2,709.33	1/2	2,449.48	1/2	2,188.66	1/2	1,927.85	1/2	1,667.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,447.26	3/4	3,222.74	3/4	2,963.33	3/4	2,703.92	3/4	2,444.04	3/4	2,183.23	3/4	1,661.60

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 10269"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,656.17	0	1,395.35	0	1,134.38	0	874.31	0	614.05	0	353.10	0	92.26	0		0		0	
1/4	1,650.74	1/4	1,389.92	1/4	1,128.94	1/4	868.91	1/4	608.62	1/4	347.66	1/4	86.86	1/4	1/4	1/4		1/4	
1/2	1,645.30	1/2	1,384.48	1/2	1,123.50	1/2	863.51	1/2	603.18	1/2	342.22	1/2	81.46	1/2	1/2	1/2		1/2	
3/4	1,639.87	3/4	1,379.04	3/4	1,118.07	3/4	858.11	3/4	597.74	3/4	336.79	3/4	76.06	3/4	3/4	3/4		3/4	
1	1,634.44	1	1,373.61	1	1,112.63	1	852.70	1	592.31	1	331.35	1	70.68	1	1	1		1	
1/4	1,629.00	1/4	1,368.17	1/4	1,107.19	1/4	847.30	1/4	586.87	1/4	325.91	1/4	65.31	1/4	1/4	1/4		1/4	
1/2	1,623.57	1/2	1,362.73	1/2	1,101.76	1/2	841.90	1/2	581.43	1/2	320.48	1/2	59.93	1/2	1/2	1/2		1/2	
3/4	1,618.14	3/4	1,357.30	3/4	1,096.32	3/4	836.50	3/4	576.00	3/4	315.04	3/4	54.56	3/4	3/4	3/4		3/4	
2	1,612.70	2	1,351.86	2	1,090.88	2	831.10	2	570.56	2	309.60	2	49.24	2	2	2		2	
1/4	1,607.27	1/4	1,346.42	1/4	1,085.45	1/4	825.70	1/4	565.12	1/4	304.17	1/4	43.91	1/4	1/4	1/4		1/4	
1/2	1,601.83	1/2	1,340.98	1/2	1,080.01	1/2	820.30	1/2	559.69	1/2	298.73	1/2	38.59	1/2	1/2	1/2		1/2	
3/4	1,596.40	3/4	1,335.55	3/4	1,074.57	3/4	814.90	3/4	554.25	3/4	293.29	3/4	33.26	3/4	3/4	3/4		3/4	
3	1,590.97	3	1,330.11	3	1,069.13	3	809.50	3	548.81	3	287.86	3	28.74	3	3	3		3	
1/4	1,585.53	1/4	1,324.67	1/4	1,063.70	1/4	804.11	1/4	543.38	1/4	282.42	1/4	24.22	1/4	1/4	1/4		1/4	
1/2	1,580.10	1/2	1,319.24	1/2	1,058.26	1/2	798.71	1/2	537.94	1/2	276.98	1/2	19.69	1/2	1/2	1/2		1/2	
3/4	1,574.67	3/4	1,313.80	3/4	1,052.82	3/4	793.32	3/4	532.50	3/4	271.55	3/4	15.17	3/4	3/4	3/4		3/4	
4	1,569.23	4	1,308.36	4	1,047.39	4	787.89	4	527.07	4	266.11	4	12.45	4	4	4		4	
1/4	1,563.80	1/4	1,302.93	1/4	1,041.95	1/4	782.45	1/4	521.63	1/4	260.67	1/4	9.74	1/4	1/4	1/4		1/4	
1/2	1,558.37	1/2	1,297.49	1/2	1,036.51	1/2	777.02	1/2	516.19	1/2	255.24	1/2	7.02	1/2	1/2	1/2		1/2	
3/4	1,552.93	3/4	1,292.05	3/4	1,031.08	3/4	771.59	3/4	510.76	3/4	249.80	3/4	4.30	3/4	3/4	3/4		3/4	
5	1,547.50	5	1,286.61	5	1,025.64	5	766.16	5	505.32	5	244.36	5	3.39	5	5	5		5	
1/4	1,542.07	1/4	1,281.18	1/4	1,020.20	1/4	760.73	1/4	499.88	1/4	238.93	1/4	2.49	1/4	1/4	1/4		1/4	
1/2	1,536.63	1/2	1,275.74	1/2	1,014.76	1/2	755.30	1/2	494.45	1/2	233.49	1/2	1.58	1/2	1/2	1/2		1/2	
3/4	1,531.20	3/4	1,270.30	3/4	1,009.33	3/4	749.86	3/4	489.01	3/4	228.05	3/4	0.68	3/4	3/4	3/4		3/4	
6	1,525.76	6	1,264.87	6	1,003.93	6	744.43	6	483.57	6	222.62	6		6	6	6		6	
1/4	1,520.33	1/4	1,259.43	1/4	998.53	1/4	739.00	1/4	478.14	1/4	217.18	1/4		1/4	1/4	1/4		1/4	
1/2	1,514.90	1/2	1,253.99	1/2	993.13	1/2	733.57	1/2	472.70	1/2	211.74	1/2		1/2	1/2	1/2		1/2	
3/4	1,509.46	3/4	1,248.56	3/4	987.72	3/4	728.14	3/4	467.26	3/4	206.31	3/4		3/4	3/4	3/4		3/4	
7	1,504.03	7	1,243.12	7	982.32	7	722.70	7	461.83	7	200.87	7		7	7	7		7	
1/4	1,498.60	1/4	1,237.68	1/4	976.92	1/4	717.27	1/4	456.39	1/4	195.43	1/4		1/4	1/4	1/4		1/4	
1/2	1,493.16	1/2	1,232.24	1/2	971.52	1/2	711.84	1/2	450.95	1/2	190.00	1/2		1/2	1/2	1/2		1/2	
3/4	1,487.73	3/4	1,226.81	3/4	966.12	3/4	706.41	3/4	445.52	3/4	184.56	3/4		3/4	3/4	3/4		3/4	
8	1,482.30	8	1,221.37	8	960.72	8	700.98	8	440.08	8	179.12	8		8	8	8		8	
1/4	1,476.86	1/4	1,215.93	1/4	955.32	1/4	695.55	1/4	434.65	1/4	173.69	1/4		1/4	1/4	1/4		1/4	
1/2	1,471.43	1/2	1,210.50	1/2	949.92	1/2	690.11	1/2	429.21	1/2	168.25	1/2		1/2	1/2	1/2		1/2	
3/4	1,465.99	3/4	1,205.06	3/4	944.52	3/4	684.68	3/4	423.77	3/4	162.82	3/4		3/4	3/4	3/4		3/4	
9	1,460.56	9	1,199.62	9	939.12	9	679.25	9	418.34	9	157.38	9		9	9	9		9	
1/4	1,455.13	1/4	1,194.19	1/4	933.72	1/4	673.82	1/4	412.90	1/4	151.94	1/4		1/4	1/4	1/4		1/4	
1/2	1,449.69	1/2	1,188.75	1/2	928.32	1/2	668.39	1/2	407.46	1/2	146.51	1/2		1/2	1/2	1/2		1/2	
3/4	1,444.26	3/4	1,183.31	3/4	922.91	3/4	662.96	3/4	402.03	3/4	141.07	3/4		3/4	3/4	3/4		3/4	
10	1,438.83	10	1,177.87	10	917.51	10	657.53	10	396.59	10	135.64	10		10	10	10		10	
1/4	1,433.39	1/4	1,172.44	1/4	912.11	1/4	652.09	1/4	391.15	1/4	130.21	1/4		1/4	1/4	1/4		1/4	
1/2	1,427.96	1/2	1,167.00	1/2	906.71	1/2	646.66	1/2	385.72	1/2	124.78	1/2		1/2	1/2	1/2		1/2	
3/4	1,422.53	3/4	1,161.56	3/4	901.31	3/4	641.23	3/4	380.28	3/4	119.35	3/4		3/4	3/4	3/4		3/4	
11	1,417.09	11	1,156.13	11	895.91	11	635.80	11	374.84	11	113.93	11		11	11	11		11	
1/4	1,411.66	1/4	1,150.69	1/4	890.51	1/4	630.36	1/4	369.41	1/4	108.51	1/4		1/4	1/4	1/4		1/4	
1/2	1,406.23	1/2	1,145.25	1/2	885.11	1/2	624.92	1/2	363.97	1/2	103.09	1/2		1/2	1/2	1/2		1/2	
3/4	1,400.79	3/4	1,139.82	3/4	879.71	3/4	619.49	3/4	358.53	3/4	97.67	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/14/2013 SW  
CALCULATED: 11/14/2013 CL  
VERIFIED: 01/19/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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