

# BARGE "KIRBY 30024B"

## 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 PORT	- 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
1 STBD	- 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 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
2 STBD	- 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
3 PORT	- 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
3 STBD	- 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

(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)

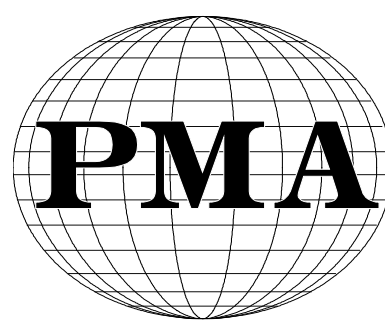
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 276'-03"

March 20, 2024

PRECISION MEASUREMENT  
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 P.O. Box 2092  
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<http://www.pmacorp.net>



# BARGE "KIRBY 30024B"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

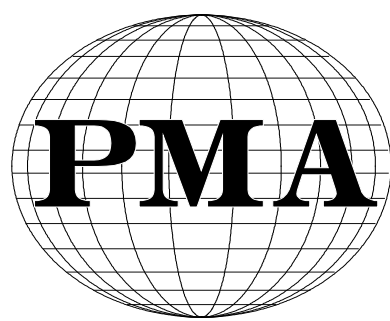
GAUGE HEIGHT 16'-10 1/2"

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	5,251.11	0	4,911.08	0	4,565.02	0	4,202.04	0	3,823.26	0	3,436.14	0	3,048.99
1/4		1/4		1/4		1/4	5,246.27	1/4	4,904.04	1/4	4,557.62	1/4	4,194.31	1/4	3,815.20	1/4	3,428.07	1/4	3,040.93
1/2		1/2		1/2		1/2	5,241.43	1/2	4,897.01	1/2	4,550.22	1/2	4,186.59	1/2	3,807.15	1/2	3,420.01	1/2	3,032.86
3/4		3/4		3/4		3/4	5,234.98	3/4	4,889.94	3/4	4,542.79	3/4	4,178.84	3/4	3,799.09	3/4	3,411.94	3/4	3,024.80
1		1		1		1	5,228.52	1	4,882.87	1	4,535.37	1	4,171.08	1	3,791.02	1	3,403.88	1	3,016.73
1/4		1/4		1/4		1/4	5,222.07	1/4	4,875.80	1/4	4,527.94	1/4	4,163.33	1/4	3,782.95	1/4	3,395.81	1/4	3,008.66
1/2		1/2		1/2		1/2	5,215.62	1/2	4,868.74	1/2	4,520.52	1/2	4,155.58	1/2	3,774.89	1/2	3,387.74	1/2	3,000.60
3/4		3/4		3/4		3/4	5,207.75	3/4	4,861.65	3/4	4,513.07	3/4	4,147.80	3/4	3,766.82	3/4	3,379.68	3/4	2,992.53
2		2		2		2	5,199.89	2	4,854.56	2	4,505.62	2	4,140.01	2	3,758.76	2	3,371.61	2	2,984.46
1/4		1/4		1/4		1/4	5,192.03	1/4	4,847.47	1/4	4,498.17	1/4	4,132.23	1/4	3,750.69	1/4	3,363.55	1/4	2,976.40
1/2		1/2		1/2		1/2	5,184.16	1/2	4,840.38	1/2	4,490.72	1/2	4,124.44	1/2	3,742.63	1/2	3,355.48	1/2	2,968.33
3/4		3/4		3/4		3/4	5,176.10	3/4	4,833.26	3/4	4,483.23	3/4	4,116.64	3/4	3,734.56	3/4	3,347.42	3/4	2,960.26
3		3		3		3	5,168.03	3	4,826.15	3	4,475.75	3	4,108.83	3	3,726.50	3	3,339.35	3	2,952.19
1/4		1/4		1/4		1/4	5,159.96	1/4	4,819.03	1/4	4,468.27	1/4	4,101.02	1/4	3,718.43	1/4	3,331.29	1/4	2,944.13
1/2		1/2		1/2		1/2	5,151.90	1/2	4,811.92	1/2	4,460.78	1/2	4,093.21	1/2	3,710.36	1/2	3,323.22	1/2	2,936.06
3/4		3/4		3/4		3/4	5,143.83	3/4	4,804.77	3/4	4,453.28	3/4	4,085.38	3/4	3,702.30	3/4	3,315.16	3/4	2,927.99
4		4		4		4	5,135.76	4	4,797.62	4	4,445.77	4	4,077.55	4	3,694.23	4	3,307.09	4	2,919.93
1/4		1/4		1/4		1/4	5,127.69	1/4	4,790.47	1/4	4,438.26	1/4	4,069.71	1/4	3,686.17	1/4	3,299.02	1/4	2,911.86
1/2		1/2		1/2		1/2	5,119.63	1/2	4,783.33	1/2	4,430.76	1/2	4,061.88	1/2	3,678.10	1/2	3,290.96	1/2	2,903.79
3/4		3/4		3/4		3/4	5,112.75	3/4	4,776.15	3/4	4,423.23	3/4	4,054.01	3/4	3,670.04	3/4	3,282.89	3/4	2,895.73
5		5		5		5	5,105.86	5	4,768.98	5	4,415.69	5	4,046.15	5	3,661.97	5	3,274.83	5	2,887.66
1/4		1/4		1/4		1/4	5,098.98	1/4	4,761.81	1/4	4,408.16	1/4	4,038.28	1/4	3,653.91	1/4	3,266.76	1/4	2,879.59
1/2		1/2		1/2		1/2	5,092.10	1/2	4,754.64	1/2	4,400.63	1/2	4,030.42	1/2	3,645.84	1/2	3,258.70	1/2	2,871.53
3/4		3/4		3/4		3/4	5,085.19	3/4	4,747.44	3/4	4,393.07	3/4	4,022.53	3/4	3,637.78	3/4	3,250.63	3/4	2,863.46
6		6		6		6	5,078.29	6	4,740.25	6	4,385.50	6	4,014.64	6	3,629.71	6	3,242.57	6	2,855.39
1/4		1/4		1/4		1/4	5,071.38	1/4	4,733.05	1/4	4,377.94	1/4	4,006.75	1/4	3,621.64	1/4	3,234.50	1/4	2,847.33
1/2		1/2		1/2		1/2	5,064.48	1/2	4,725.85	1/2	4,370.37	1/2	3,998.86	1/2	3,613.58	1/2	3,226.43	1/2	2,839.26
3/4		3/4		3/4		3/4	5,057.55	3/4	4,718.63	3/4	4,362.79	3/4	3,990.94	3/4	3,605.51	3/4	3,218.37	3/4	2,831.19
7		7		7		7	5,050.62	7	4,711.40	7	4,355.20	7	3,983.01	7	3,597.45	7	3,210.30	7	2,823.13
1/4		1/4		1/4		1/4	5,043.69	1/4	4,704.17	1/4	4,347.61	1/4	3,975.09	1/4	3,589.38	1/4	3,202.24	1/4	2,815.06
1/2		1/2		1/2		1/2	5,036.76	1/2	4,696.94	1/2	4,340.02	1/2	3,967.16	1/2	3,581.32	1/2	3,194.17	1/2	2,806.99
3/4		3/4		3/4		3/4	5,029.79	3/4	4,689.69	3/4	4,332.41	3/4	3,959.22	3/4	3,573.25	3/4	3,186.11	3/4	2,798.93
8		8		8		8	5,022.83	8	4,682.43	8	4,324.79	8	3,951.27	8	3,565.19	8	3,178.04	8	2,790.86
1/4		1/4		1/4		1/4	5,015.87	1/4	4,675.18	1/4	4,317.18	1/4	3,943.32	1/4	3,557.12	1/4	3,169.98	1/4	2,782.79
1/2		1/2		1/2		1/2	5,008.91	1/2	4,667.93	1/2	4,309.57	1/2	3,935.38	1/2	3,549.05	1/2	3,161.91	1/2	2,774.73
3/4		3/4		3/4		3/4	5,001.95	3/4	4,660.62	3/4	4,301.92	3/4	3,927.41	3/4	3,540.99	3/4	3,153.85	3/4	2,766.66
9		9		9		9	4,995.00	9	4,653.30	9	4,294.28	9	3,919.44	9	3,532.92	9	3,145.78	9	2,758.59
1/4		1/4		1/4		1/4	4,988.05	1/4	4,645.99	1/4	4,286.63	1/4	3,911.46	1/4	3,524.86	1/4	3,137.71	1/4	2,750.52
1/2		1/2		1/2		1/2	4,981.10	1/2	4,638.68	1/2	4,278.99	1/2	3,903.49	1/2	3,516.79	1/2	3,129.65	1/2	2,742.46
3/4		3/4		3/4		3/4	4,974.12	3/4	4,631.33	3/4	4,271.32	3/4	3,895.49	3/4	3,508.73	3/4	3,121.58	3/4	2,734.39
10		10		10		10	4,967.14	10	4,623.99	10	4,263.65	10	3,887.48	10	3,500.66	10	3,113.52	10	2,726.32
1/4		1/4		1/4		1/4	4,960.16	1/4	4,616.65	1/4	4,255.98	1/4	3,879.48	1/4	3,492.60	1/4	3,105.45	1/4	2,718.26
1/2		1/2		1/2		1/2	4,953.18	1/2	4,609.30	1/2	4,248.31	1/2	3,871.47	1/2	3,484.53	1/2	3,097.39	1/2	2,710.19
3/4		3/4		3/4		3/4	4,946.17	3/4	4,601.94	3/4	4,240.60	3/4	3,863.44	3/4	3,476.47	3/4	3,089.32	3/4	2,702.12
11		11		11		11	4,939.16	11	4,594.57	11	4,232.90	11	3,855.42	11	3,468.40	11	3,081.26	11	2,694.06
1/4		1/4		1/4		1/4	4,932.15	1/4	4,587.20	1/4	4,225.20	1/4	3,847.39	1/4	3,460.33	1/4	3,073.19	1/4	2,685.99
1/2		1/2		1/2		1/2	4,925.15	1/2	4,579.83	1/2	4,217.49	1/2	3,839.36	1/2	3,452.27	1/2	3,065.12	1/2	2,677.92
3/4		3/4		3/4		3/4	5,255.95	3/4	4,918.11	3/4	4,572.43	3/4	4,209.77	3/4	3,831.31	3/4	3,444.20	3/4	3,057.06

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 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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 Pearland, Texas 77588  
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# BARGE "KIRBY 30024B"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,661.79	0	2,274.58	0	1,887.38	0	1,500.17	0	1,113.32	0	726.29	0	339.10	0		0		0	
1/4	2,653.72	1/4	2,266.52	1/4	1,879.31	1/4	1,492.10	1/4	1,105.27	1/4	718.23	1/4	331.04	1/4		1/4		1/4	
1/2	2,645.66	1/2	2,258.45	1/2	1,871.24	1/2	1,484.04	1/2	1,097.22	1/2	710.16	1/2	322.97	1/2		1/2		1/2	
3/4	2,637.59	3/4	2,250.38	3/4	1,863.18	3/4	1,475.97	3/4	1,089.17	3/4	702.09	3/4	314.91	3/4		3/4		3/4	
1	2,629.52	1	2,242.32	1	1,855.11	1	1,467.90	1	1,081.12	1	694.03	1	306.84	1		1		1	
1/4	2,621.46	1/4	2,234.25	1/4	1,847.04	1/4	1,459.84	1/4	1,073.07	1/4	685.96	1/4	298.77	1/4		1/4		1/4	
1/2	2,613.39	1/2	2,226.18	1/2	1,838.98	1/2	1,451.77	1/2	1,065.02	1/2	677.89	1/2	290.71	1/2		1/2		1/2	
3/4	2,605.32	3/4	2,218.12	3/4	1,830.91	3/4	1,443.70	3/4	1,056.97	3/4	669.83	3/4	282.64	3/4		3/4		3/4	
2	2,597.26	2	2,210.05	2	1,822.84	2	1,435.64	2	1,048.92	2	661.76	2	274.57	2		2		2	
1/4	2,589.19	1/4	2,201.98	1/4	1,814.78	1/4	1,427.57	1/4	1,040.87	1/4	653.69	1/4	266.51	1/4		1/4		1/4	
1/2	2,581.12	1/2	2,193.92	1/2	1,806.71	1/2	1,419.50	1/2	1,032.82	1/2	645.63	1/2	258.44	1/2		1/2		1/2	
3/4	2,573.06	3/4	2,185.85	3/4	1,798.64	3/4	1,411.44	3/4	1,024.75	3/4	637.56	3/4	250.37	3/4		3/4		3/4	
3	2,564.99	3	2,177.78	3	1,790.58	3	1,403.37	3	1,016.68	3	629.50	3	242.31	3		3		3	
1/4	2,556.92	1/4	2,169.72	1/4	1,782.51	1/4	1,395.30	1/4	1,008.62	1/4	621.43	1/4	234.24	1/4		1/4		1/4	
1/2	2,548.85	1/2	2,161.65	1/2	1,774.44	1/2	1,387.24	1/2	1,000.55	1/2	613.36	1/2	226.18	1/2		1/2		1/2	
3/4	2,540.79	3/4	2,153.58	3/4	1,766.38	3/4	1,379.17	3/4	992.48	3/4	605.30	3/4	218.11	3/4		3/4		3/4	
4	2,532.72	4	2,145.51	4	1,758.31	4	1,371.10	4	984.42	4	597.23	4	210.04	4		4		4	
1/4	2,524.65	1/4	2,137.45	1/4	1,750.24	1/4	1,363.04	1/4	976.35	1/4	589.16	1/4	201.98	1/4		1/4		1/4	
1/2	2,516.59	1/2	2,129.38	1/2	1,742.17	1/2	1,354.97	1/2	968.28	1/2	581.10	1/2	193.91	1/2		1/2		1/2	
3/4	2,508.52	3/4	2,121.31	3/4	1,734.11	3/4	1,346.90	3/4	960.22	3/4	573.03	3/4	185.84	3/4		3/4		3/4	
5	2,500.45	5	2,113.25	5	1,726.04	5	1,338.83	5	952.15	5	564.96	5	177.78	5		5		5	
1/4	2,492.39	1/4	2,105.18	1/4	1,717.97	1/4	1,330.77	1/4	944.08	1/4	556.90	1/4	169.71	1/4		1/4		1/4	
1/2	2,484.32	1/2	2,097.11	1/2	1,709.91	1/2	1,322.70	1/2	936.02	1/2	548.83	1/2	161.64	1/2		1/2		1/2	
3/4	2,476.25	3/4	2,089.05	3/4	1,701.84	3/4	1,314.63	3/4	927.95	3/4	540.76	3/4	153.58	3/4		3/4		3/4	
6	2,468.19	6	2,080.98	6	1,693.77	6	1,306.57	6	919.89	6	532.70	6	145.51	6		6		6	
1/4	2,460.12	1/4	2,072.91	1/4	1,685.71	1/4	1,298.50	1/4	911.82	1/4	524.63	1/4	137.44	1/4		1/4		1/4	
1/2	2,452.05	1/2	2,064.85	1/2	1,677.64	1/2	1,290.43	1/2	903.75	1/2	516.57	1/2	129.38	1/2		1/2		1/2	
3/4	2,443.99	3/4	2,056.78	3/4	1,669.57	3/4	1,282.38	3/4	895.69	3/4	508.50	3/4	121.31	3/4		3/4		3/4	
7	2,435.92	7	2,048.71	7	1,661.51	7	1,274.33	7	887.62	7	500.43	7	113.25	7		7		7	
1/4	2,427.85	1/4	2,040.65	1/4	1,653.44	1/4	1,266.28	1/4	879.55	1/4	492.37	1/4	105.18	1/4		1/4		1/4	
1/2	2,419.79	1/2	2,032.58	1/2	1,645.37	1/2	1,258.23	1/2	871.49	1/2	484.30	1/2	97.11	1/2		1/2		1/2	
3/4	2,411.72	3/4	2,024.51	3/4	1,637.31	3/4	1,250.18	3/4	863.42	3/4	476.23	3/4	89.05	3/4		3/4		3/4	
8	2,403.65	8	2,016.45	8	1,629.24	8	1,242.13	8	855.35	8	468.17	8	80.98	8		8		8	
1/4	2,395.59	1/4	2,008.38	1/4	1,621.17	1/4	1,234.08	1/4	847.29	1/4	460.10	1/4	72.91	1/4		1/4		1/4	
1/2	2,387.52	1/2	2,000.31	1/2	1,613.11	1/2	1,226.03	1/2	839.22	1/2	452.03	1/2	64.85	1/2		1/2		1/2	
3/4	2,379.45	3/4	1,992.25	3/4	1,605.04	3/4	1,217.98	3/4	831.16	3/4	443.97	3/4	57.79	3/4		3/4		3/4	
9	2,371.39	9	1,984.18	9	1,596.97	9	1,209.93	9	823.09	9	435.90	9	50.73	9		9		9	
1/4	2,363.32	1/4	1,976.11	1/4	1,588.91	1/4	1,201.88	1/4	815.02	1/4	427.84	1/4	43.67	1/4		1/4		1/4	
1/2	2,355.25	1/2	1,968.05	1/2	1,580.84	1/2	1,193.83	1/2	806.96	1/2	419.77	1/2	36.62	1/2		1/2		1/2	
3/4	2,347.18	3/4	1,959.98	3/4	1,572.77	3/4	1,185.78	3/4	798.89	3/4	411.70	3/4	31.58	3/4		3/4		3/4	
10	2,339.12	10	1,951.91	10	1,564.71	10	1,177.73	10	790.82	10	403.64	10	26.53	10		10		10	
1/4	2,331.05	1/4	1,943.84	1/4	1,556.64	1/4	1,169.68	1/4	782.76	1/4	395.57	1/4	21.49	1/4		1/4		1/4	
1/2	2,322.98	1/2	1,935.78	1/2	1,548.57	1/2	1,161.63	1/2	774.69	1/2	387.50	1/2	16.45	1/2		1/2		1/2	
3/4	2,314.92	3/4	1,927.71	3/4	1,540.50	3/4	1,153.58	3/4	766.62	3/4	379.44	3/4		3/4		3/4		3/4	
11	2,306.85	11	1,919.64	11	1,532.44	11	1,145.53	11	758.56	11	371.37	11		11		11		11	
1/4	2,298.78	1/4	1,911.58	1/4	1,524.37	1/4	1,137.48	1/4	750.49	1/4	363.30	1/4		1/4		1/4		1/4	
1/2	2,290.72	1/2	1,903.51	1/2	1,516.30	1/2	1,129.43	1/2	742.42	1/2	355.24	1/2		1/2		1/2		1/2	
3/4	2,282.65	3/4	1,895.44	3/4	1,508.24	3/4	1,121.38	3/4	734.36	3/4	347.17	3/4		3/4		3/4		3/4	

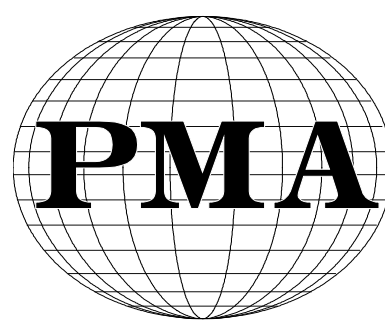
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2003 CL - SW  
VERIFIED: 03/20/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2024

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





# BARGE "KIRBY 30024B"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

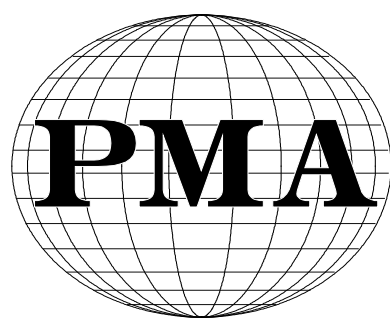
GAUGE HEIGHT 16'-10 3/8"

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	5,244.55	0	4,903.57	0	4,557.49	0	4,194.51	0	3,815.73	0	3,428.78	0	3,041.81		
1/4		1/4		1/4		1/4	5,239.72	1/4	4,896.54	1/4	4,550.10	1/4	4,186.79	1/4	3,807.69	1/4	3,420.72	1/4	3,033.74		
1/2		1/2		1/2		1/2	5,233.47	1/2	4,889.48	1/2	4,542.68	1/2	4,179.05	1/2	3,799.63	1/2	3,412.66	1/2	3,025.68		
3/4		3/4		3/4		3/4	5,227.22	3/4	4,882.42	3/4	4,535.26	3/4	4,171.30	3/4	3,791.57	3/4	3,404.60	3/4	3,017.62		
1		1		1		1	5,220.97	1	4,875.36	1	4,527.84	1	4,163.56	1	3,783.51	1	3,396.53	1	3,009.55		
1/4		1/4		1/4		1/4	5,214.72	1/4	4,868.30	1/4	4,520.42	1/4	4,155.81	1/4	3,775.45	1/4	3,388.47	1/4	3,001.49		
1/2		1/2		1/2		1/2	5,207.04	1/2	4,861.22	1/2	4,512.98	1/2	4,148.03	1/2	3,767.39	1/2	3,380.41	1/2	2,993.42		
3/4		3/4		3/4		3/4	5,199.35	3/4	4,854.14	3/4	4,505.53	3/4	4,140.26	3/4	3,759.32	3/4	3,372.35	3/4	2,985.36		
2		2		2		2	5,191.67	2	4,847.05	2	4,498.09	2	4,132.48	2	3,751.26	2	3,364.29	2	2,977.30		
1/4		1/4		1/4		1/4	5,183.99	1/4	4,839.97	1/4	4,490.65	1/4	4,124.70	1/4	3,743.20	1/4	3,356.22	1/4	2,969.24		
1/2		1/2		1/2		1/2	5,175.95	1/2	4,832.86	1/2	4,483.17	1/2	4,116.90	1/2	3,735.14	1/2	3,348.16	1/2	2,961.17		
3/4		3/4		3/4		3/4	5,167.91	3/4	4,825.75	3/4	4,475.69	3/4	4,109.10	3/4	3,727.08	3/4	3,340.10	3/4	2,953.11		
3		3		3		3	5,159.87	3	4,818.64	3	4,468.22	3	4,101.30	3	3,719.01	3	3,332.04	3	2,945.05		
1/4		1/4		1/4		1/4	5,151.83	1/4	4,811.53	1/4	4,460.74	1/4	4,093.50	1/4	3,710.95	1/4	3,323.98	1/4	2,936.98		
1/2		1/2		1/2		1/2	5,143.77	1/2	4,804.39	1/2	4,453.24	1/2	4,085.67	1/2	3,702.89	1/2	3,315.91	1/2	2,928.92		
3/4		3/4		3/4		3/4	5,135.71	3/4	4,797.25	3/4	4,445.74	3/4	4,077.84	3/4	3,694.83	3/4	3,307.85	3/4	2,920.86		
4		4		4		4	5,127.64	4	4,790.11	4	4,438.24	4	4,070.02	4	3,686.77	4	3,299.79	4	2,912.79		
1/4		1/4		1/4		1/4	5,119.58	1/4	4,782.97	1/4	4,430.74	1/4	4,062.19	1/4	3,678.70	1/4	3,291.73	1/4	2,904.73		
1/2		1/2		1/2		1/2	5,112.55	1/2	4,775.81	1/2	4,423.22	1/2	4,054.33	1/2	3,670.64	1/2	3,283.67	1/2	2,896.67		
3/4		3/4		3/4		3/4	5,105.53	3/4	4,768.64	3/4	4,415.69	3/4	4,046.48	3/4	3,662.58	3/4	3,275.60	3/4	2,888.60		
5		5		5		5	5,098.50	5	4,761.48	5	4,408.17	5	4,038.62	5	3,654.52	5	3,267.54	5	2,880.54		
1/4		1/4		1/4		1/4	5,091.47	1/4	4,754.31	1/4	4,400.64	1/4	4,030.76	1/4	3,646.46	1/4	3,259.48	1/4	2,872.48		
1/2		1/2		1/2		1/2	5,084.57	1/2	4,747.12	1/2	4,393.08	1/2	4,022.88	1/2	3,638.39	1/2	3,251.42	1/2	2,864.42		
3/4		3/4		3/4		3/4	5,077.68	3/4	4,739.93	3/4	4,385.53	3/4	4,015.00	3/4	3,630.33	3/4	3,243.36	3/4	2,856.35		
6		6		6		6	5,070.78	6	4,732.74	6	4,377.97	6	4,007.11	6	3,622.27	6	3,235.29	6	2,848.29		
1/4		1/4		1/4		1/4	5,063.88	1/4	4,725.55	1/4	4,370.41	1/4	3,999.23	1/4	3,614.21	1/4	3,227.23	1/4	2,840.23		
1/2		1/2		1/2		1/2	5,056.95	1/2	4,718.33	1/2	4,362.83	1/2	3,991.31	1/2	3,606.15	1/2	3,219.17	1/2	2,832.16		
3/4		3/4		3/4		3/4	5,050.03	3/4	4,711.11	3/4	4,355.25	3/4	3,983.40	3/4	3,598.08	3/4	3,211.11	3/4	2,824.10		
7		7		7		7	5,043.10	7	4,703.89	7	4,347.67	7	3,975.48	7	3,590.02	7	3,203.05	7	2,816.04		
1/4		1/4		1/4		1/4	5,036.18	1/4	4,696.67	1/4	4,340.09	1/4	3,967.56	1/4	3,581.96	1/4	3,194.98	1/4	2,807.97		
1/2		1/2		1/2		1/2	5,029.22	1/2	4,689.42	1/2	4,332.48	1/2	3,959.62	1/2	3,573.90	1/2	3,186.92	1/2	2,799.91		
3/4		3/4		3/4		3/4	5,022.27	3/4	4,682.17	3/4	4,324.87	3/4	3,951.68	3/4	3,565.84	3/4	3,178.86	3/4	2,791.85		
8		8		8		8	5,015.31	8	4,674.93	8	4,317.27	8	3,943.74	8	3,557.77	8	3,170.80	8	2,783.78		
1/4		1/4		1/4		1/4	5,008.36	1/4	4,667.68	1/4	4,309.66	1/4	3,935.80	1/4	3,549.71	1/4	3,162.74	1/4	2,775.72		
1/2		1/2		1/2		1/2	5,001.41	1/2	4,660.38	1/2	4,302.02	1/2	3,927.84	1/2	3,541.65	1/2	3,154.67	1/2	2,767.66		
3/4		3/4		3/4		3/4	4,994.46	3/4	4,653.08	3/4	4,294.38	3/4	3,919.88	3/4	3,533.59	3/4	3,146.61	3/4	2,759.59		
9		9		9		9	4,987.51	9	4,645.77	9	4,286.75	9	3,911.91	9	3,525.53	9	3,138.55	9	2,751.53		
1/4		1/4		1/4		1/4	4,980.55	1/4	4,638.47	1/4	4,279.11	1/4	3,903.95	1/4	3,517.46	1/4	3,130.49	1/4	2,743.47		
1/2		1/2		1/2		1/2	4,973.58	1/2	4,631.14	1/2	4,271.45	1/2	3,895.95	1/2	3,509.40	1/2	3,122.43	1/2	2,735.41		
3/4		3/4		3/4		3/4	4,966.61	3/4	4,623.80	3/4	4,263.78	3/4	3,887.95	3/4	3,501.34	3/4	3,114.36	3/4	2,727.34		
10		10		10		10	4,959.64	10	4,616.46	10	4,256.12	10	3,879.95	10	3,493.28	10	3,106.30	10	2,719.28		
1/4		1/4		1/4		1/4	4,952.67	1/4	4,609.13	1/4	4,248.46	1/4	3,871.96	1/4	3,485.22	1/4	3,098.24	1/4	2,711.22		
1/2		1/2		1/2		1/2	4,945.66	1/2	4,601.76	1/2	4,240.76	1/2	3,863.94	1/2	3,477.15	1/2	3,090.18	1/2	2,703.15		
3/4		3/4		3/4		3/4	4,938.66	3/4	4,594.40	3/4	4,233.06	3/4	3,855.91	3/4	3,469.09	3/4	3,082.12	3/4	2,695.09		
11		11		11		11	4,931.66	11	4,587.04	11	4,225.37	11	3,847.89	11	3,461.03	11	3,074.05	11	2,687.03		
1/4		1/4		1/4		1/4	4,924.66	1/4	4,579.68	1/4	4,217.67	1/4	3,839.87	1/4	3,452.97	1/4	3,065.99	1/4	2,678.96		
1/2		1/2		5/8		5/8	5,251.81	1/2	4,917.63	1/2	4,572.28	1/2	4,209.95	1/2	3,831.83	1/2	3,444.91	1/2	3,057.93	1/2	2,670.90
3/4		3/4		3/4		3/4	5,249.39	3/4	4,910.60	3/4	4,564.89	3/4	4,202.23	3/4	3,823.78	3/4	3,436.84	3/4	3,049.87	3/4	2,662.84

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 12'-09" OFF CENTERLINE AND 43'-00" 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 30024B"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/8"

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	2,654.77	0	2,267.75	0	1,880.72	0	1,493.69	0	1,108.16	0	721.93	0	334.92	0		0		0	
1/4	2,646.71	1/4	2,259.68	1/4	1,872.65	1/4	1,485.62	1/4	1,100.15	1/4	713.86	1/4	326.85	1/4		1/4		1/4	
1/2	2,638.65	1/2	2,251.62	1/2	1,864.59	1/2	1,477.56	1/2	1,092.14	1/2	705.80	1/2	318.79	1/2		1/2		1/2	
3/4	2,630.59	3/4	2,243.56	3/4	1,856.53	3/4	1,469.50	3/4	1,084.13	3/4	697.74	3/4	310.73	3/4		3/4		3/4	
1	2,622.52	1	2,235.49	1	1,848.46	1	1,461.44	1	1,076.12	1	689.68	1	302.67	1		1		1	
1/4	2,614.46	1/4	2,227.43	1/4	1,840.40	1/4	1,453.37	1/4	1,068.12	1/4	681.61	1/4	294.60	1/4		1/4		1/4	
1/2	2,606.40	1/2	2,219.37	1/2	1,832.34	1/2	1,445.31	1/2	1,060.11	1/2	673.55	1/2	286.54	1/2		1/2		1/2	
3/4	2,598.33	3/4	2,211.30	3/4	1,824.28	3/4	1,437.25	3/4	1,052.10	3/4	665.49	3/4	278.48	3/4		3/4		3/4	
2	2,590.27	2	2,203.24	2	1,816.21	2	1,429.18	2	1,044.09	2	657.43	2	270.42	2		2		2	
1/4	2,582.21	1/4	2,195.18	1/4	1,808.15	1/4	1,421.12	1/4	1,036.08	1/4	649.36	1/4	262.35	1/4		1/4		1/4	
1/2	2,574.14	1/2	2,187.11	1/2	1,800.09	1/2	1,413.06	1/2	1,028.06	1/2	641.30	1/2	254.29	1/2		1/2		1/2	
3/4	2,566.08	3/4	2,179.05	3/4	1,792.02	3/4	1,404.99	3/4	1,020.03	3/4	633.24	3/4	246.23	3/4		3/4		3/4	
3	2,558.02	3	2,170.99	3	1,783.96	3	1,396.93	3	1,012.01	3	625.17	3	238.16	3		3		3	
1/4	2,549.95	1/4	2,162.93	1/4	1,775.90	1/4	1,388.87	1/4	1,003.98	1/4	617.11	1/4	230.10	1/4		1/4		1/4	
1/2	2,541.89	1/2	2,154.86	1/2	1,767.83	1/2	1,380.80	1/2	995.95	1/2	609.05	1/2	222.04	1/2		1/2		1/2	
3/4	2,533.83	3/4	2,146.80	3/4	1,759.77	3/4	1,372.74	3/4	987.92	3/4	600.99	3/4	213.98	3/4		3/4		3/4	
4	2,525.76	4	2,138.74	4	1,751.71	4	1,364.68	4	979.89	4	592.92	4	205.91	4		4		4	
1/4	2,517.70	1/4	2,130.67	1/4	1,743.64	1/4	1,356.62	1/4	971.86	1/4	584.86	1/4	197.85	1/4		1/4		1/4	
1/2	2,509.64	1/2	2,122.61	1/2	1,735.58	1/2	1,348.58	1/2	963.80	1/2	576.80	1/2	189.79	1/2		1/2		1/2	
3/4	2,501.58	3/4	2,114.55	3/4	1,727.52	3/4	1,340.54	3/4	955.74	3/4	568.74	3/4	181.73	3/4		3/4		3/4	
5	2,493.51	5	2,106.48	5	1,719.45	5	1,332.50	5	947.68	5	560.67	5	173.66	5		5		5	
1/4	2,485.45	1/4	2,098.42	1/4	1,711.39	1/4	1,324.47	1/4	939.62	1/4	552.61	1/4	165.60	1/4		1/4		1/4	
1/2	2,477.39	1/2	2,090.36	1/2	1,703.33	1/2	1,316.44	1/2	931.56	1/2	544.55	1/2	157.54	1/2		1/2		1/2	
3/4	2,469.32	3/4	2,082.29	3/4	1,695.27	3/4	1,308.41	3/4	923.49	3/4	536.48	3/4	149.48	3/4		3/4		3/4	
6	2,461.26	6	2,074.23	6	1,687.20	6	1,300.38	6	915.43	6	528.42	6	141.41	6		6		6	
1/4	2,453.20	1/4	2,066.17	1/4	1,679.14	1/4	1,292.35	1/4	907.37	1/4	520.36	1/4	133.35	1/4		1/4		1/4	
1/2	2,445.13	1/2	2,058.11	1/2	1,671.08	1/2	1,284.34	1/2	899.31	1/2	512.30	1/2	125.29	1/2		1/2		1/2	
3/4	2,437.07	3/4	2,050.04	3/4	1,663.01	3/4	1,276.33	3/4	891.24	3/4	504.23	3/4	117.22	3/4		3/4		3/4	
7	2,429.01	7	2,041.98	7	1,654.95	7	1,268.32	7	883.18	7	496.17	7	109.16	7		7		7	
1/4	2,420.94	1/4	2,033.92	1/4	1,646.89	1/4	1,260.31	1/4	875.12	1/4	488.11	1/4	101.10	1/4		1/4		1/4	
1/2	2,412.88	1/2	2,025.85	1/2	1,638.82	1/2	1,252.31	1/2	867.06	1/2	480.05	1/2	93.04	1/2		1/2		1/2	
3/4	2,404.82	3/4	2,017.79	3/4	1,630.76	3/4	1,244.30	3/4	858.99	3/4	471.98	3/4	84.97	3/4		3/4		3/4	
8	2,396.76	8	2,009.73	8	1,622.70	8	1,236.29	8	850.93	8	463.92	8	76.91	8		8		8	
1/4	2,388.69	1/4	2,001.66	1/4	1,614.63	1/4	1,228.28	1/4	842.87	1/4	455.86	1/4	68.85	1/4		1/4		1/4	
1/2	2,380.63	1/2	1,993.60	1/2	1,606.57	1/2	1,220.27	1/2	834.80	1/2	447.80	1/2	61.67	1/2		1/2		1/2	
3/4	2,372.57	3/4	1,985.54	3/4	1,598.51	3/4	1,212.26	3/4	826.74	3/4	439.73	3/4	54.49	3/4		3/4		3/4	
9	2,364.50	9	1,977.47	9	1,590.45	9	1,204.26	9	818.68	9	431.67	9	47.31	9		9		9	
1/4	2,356.44	1/4	1,969.41	1/4	1,582.38	1/4	1,196.25	1/4	810.62	1/4	423.61	1/4	40.13	1/4		1/4		1/4	
1/2	2,348.38	1/2	1,961.35	1/2	1,574.32	1/2	1,188.24	1/2	802.55	1/2	415.54	1/2	34.84	1/2		1/2		1/2	
3/4	2,340.31	3/4	1,953.28	3/4	1,566.26	3/4	1,180.23	3/4	794.49	3/4	407.48	3/4	29.55	3/4		3/4		3/4	
10	2,332.25	10	1,945.22	10	1,558.19	10	1,172.22	10	786.43	10	399.42	10	24.26	10		10		10	
1/4	2,324.19	1/4	1,937.16	1/4	1,550.13	1/4	1,164.22	1/4	778.37	1/4	391.36	1/4	18.96	1/4		1/4		1/4	
1/2	2,316.12	1/2	1,929.10	1/2	1,542.07	1/2	1,156.21	1/2	770.30	1/2	383.29	1/2	16.45	1/2		1/2		1/2	
3/4	2,308.06	3/4	1,921.03	3/4	1,534.00	3/4	1,148.20	3/4	762.24	3/4	375.23	3/4		3/4		3/4		3/4	
11	2,300.00	11	1,912.97	11	1,525.94	11	1,140.19	11	754.18	11	367.17	11		11		11		11	
1/4	2,291.93	1/4	1,904.91	1/4	1,517.88	1/4	1,132.18	1/4	746.11	1/4	359.11	1/4		1/4		1/4		1/4	
1/2	2,283.87	1/2	1,896.84	1/2	1,509.81	1/2	1,124.18	1/2	738.05	1/2	351.04	1/2		1/2		1/2		1/2	
3/4	2,275.81	3/4	1,888.78	3/4	1,501.75	3/4	1,116.17	3/4	729.99	3/4	342.98	3/4		3/4		3/4		3/4	

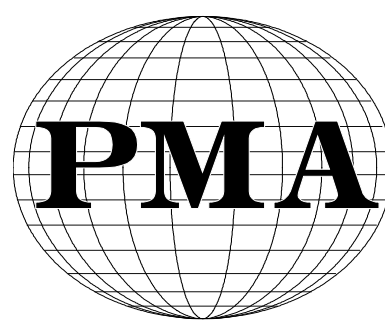
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2003 CL - SW  
VERIFIED: 03/20/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2024

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "KIRBY 30024B"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

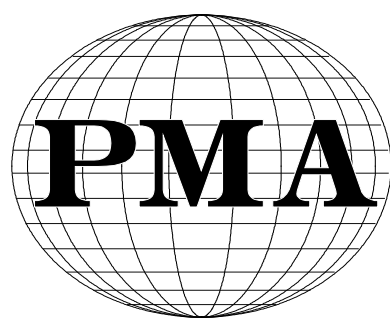
GAUGE HEIGHT 16'-10 1/2"

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	5,262.27	0	4,921.82	0	4,576.13	0	4,212.20	0	3,832.42	0	3,444.29	0	3,056.14
1/4		1/4		1/4		1/4	5,257.42	1/4	4,914.80	1/4	4,568.70	1/4	4,204.45	1/4	3,824.35	1/4	3,436.21	1/4	3,048.05
1/2		1/2		1/2		1/2	5,252.56	1/2	4,907.78	1/2	4,561.28	1/2	4,196.70	1/2	3,816.28	1/2	3,428.12	1/2	3,039.96
3/4		3/4		3/4		3/4	5,246.09	3/4	4,900.73	3/4	4,553.84	3/4	4,188.93	3/4	3,808.19	3/4	3,420.03	3/4	3,031.87
1		1		1		1	5,239.62	1	4,893.68	1	4,546.39	1	4,181.16	1	3,800.10	1	3,411.95	1	3,023.78
1/4		1/4		1/4		1/4	5,233.15	1/4	4,886.64	1/4	4,538.95	1/4	4,173.39	1/4	3,792.02	1/4	3,403.86	1/4	3,015.70
1/2		1/2		1/2		1/2	5,226.68	1/2	4,879.59	1/2	4,531.50	1/2	4,165.62	1/2	3,783.93	1/2	3,395.77	1/2	3,007.61
3/4		3/4		3/4		3/4	5,218.80	3/4	4,872.52	3/4	4,524.03	3/4	4,157.81	3/4	3,775.84	3/4	3,387.69	3/4	2,999.52
2		2		2		2	5,210.91	2	4,865.45	2	4,516.56	2	4,150.01	2	3,767.76	2	3,379.60	2	2,991.43
1/4		1/4		1/4		1/4	5,203.02	1/4	4,858.37	1/4	4,509.09	1/4	4,142.20	1/4	3,759.67	1/4	3,371.51	1/4	2,983.34
1/2		1/2		1/2		1/2	5,195.14	1/2	4,851.30	1/2	4,501.62	1/2	4,134.40	1/2	3,751.58	1/2	3,363.43	1/2	2,975.25
3/4		3/4		3/4		3/4	5,187.05	3/4	4,844.21	3/4	4,494.12	3/4	4,126.57	3/4	3,743.50	3/4	3,355.34	3/4	2,967.16
3		3		3		3	5,178.96	3	4,837.11	3	4,486.62	3	4,118.74	3	3,735.41	3	3,347.25	3	2,959.07
1/4		1/4		1/4		1/4	5,170.87	1/4	4,830.01	1/4	4,479.12	1/4	4,110.91	1/4	3,727.32	1/4	3,339.17	1/4	2,950.98
1/2		1/2		1/2		1/2	5,162.78	1/2	4,822.92	1/2	4,471.61	1/2	4,103.09	1/2	3,719.24	1/2	3,331.08	1/2	2,942.89
3/4		3/4		3/4		3/4	5,154.69	3/4	4,815.79	3/4	4,464.09	3/4	4,095.23	3/4	3,711.15	3/4	3,322.99	3/4	2,934.80
4		4		4		4	5,146.60	4	4,808.66	4	4,456.56	4	4,087.38	4	3,703.06	4	3,314.91	4	2,926.72
1/4		1/4		1/4		1/4	5,138.51	1/4	4,801.53	1/4	4,449.04	1/4	4,079.52	1/4	3,694.98	1/4	3,306.82	1/4	2,918.63
1/2		1/2		1/2		1/2	5,130.43	1/2	4,794.40	1/2	4,441.51	1/2	4,071.67	1/2	3,686.89	1/2	3,298.73	1/2	2,910.54
3/4		3/4		3/4		3/4	5,123.52	3/4	4,787.25	3/4	4,433.96	3/4	4,063.78	3/4	3,678.80	3/4	3,290.65	3/4	2,902.45
5		5		5		5	5,116.62	5	4,780.09	5	4,426.41	5	4,055.90	5	3,670.72	5	3,282.56	5	2,894.36
1/4		1/4		1/4		1/4	5,109.72	1/4	4,772.94	1/4	4,418.85	1/4	4,048.01	1/4	3,662.63	1/4	3,274.47	1/4	2,886.27
1/2		1/2		1/2		1/2	5,102.82	1/2	4,765.79	1/2	4,411.30	1/2	4,040.13	1/2	3,654.54	1/2	3,266.39	1/2	2,878.18
3/4		3/4		3/4		3/4	5,095.90	3/4	4,758.61	3/4	4,403.72	3/4	4,032.22	3/4	3,646.46	3/4	3,258.30	3/4	2,870.09
6		6		6		6	5,088.97	6	4,751.43	6	4,396.14	6	4,024.31	6	3,638.37	6	3,250.21	6	2,862.00
1/4		1/4		1/4		1/4	5,082.05	1/4	4,744.25	1/4	4,388.55	1/4	4,016.40	1/4	3,630.28	1/4	3,242.13	1/4	2,853.91
1/2		1/2		1/2		1/2	5,075.12	1/2	4,737.07	1/2	4,380.97	1/2	4,008.49	1/2	3,622.20	1/2	3,234.04	1/2	2,845.82
3/4		3/4		3/4		3/4	5,068.17	3/4	4,729.86	3/4	4,373.36	3/4	4,000.54	3/4	3,614.11	3/4	3,225.95	3/4	2,837.74
7		7		7		7	5,061.22	7	4,722.65	7	4,365.75	7	3,992.60	7	3,606.02	7	3,217.87	7	2,829.65
1/4		1/4		1/4		1/4	5,054.28	1/4	4,715.44	1/4	4,358.15	1/4	3,984.65	1/4	3,597.94	1/4	3,209.78	1/4	2,821.56
1/2		1/2		1/2		1/2	5,047.33	1/2	4,708.23	1/2	4,350.54	1/2	3,976.71	1/2	3,589.85	1/2	3,201.69	1/2	2,813.47
3/4		3/4		3/4		3/4	5,040.34	3/4	4,701.00	3/4	4,342.90	3/4	3,968.74	3/4	3,581.77	3/4	3,193.61	3/4	2,805.38
8		8		8		8	5,033.36	8	4,693.77	8	4,335.27	8	3,960.77	8	3,573.68	8	3,185.52	8	2,797.29
1/4		1/4		1/4		1/4	5,026.38	1/4	4,686.53	1/4	4,327.64	1/4	3,952.81	1/4	3,565.59	1/4	3,177.44	1/4	2,789.20
1/2		1/2		1/2		1/2	5,019.40	1/2	4,679.30	1/2	4,320.00	1/2	3,944.84	1/2	3,557.51	1/2	3,169.35	1/2	2,781.11
3/4		3/4		3/4		3/4	5,012.46	3/4	4,671.96	3/4	4,312.34	3/4	3,936.85	3/4	3,549.42	3/4	3,161.26	3/4	2,773.02
9		9		9		9	5,005.53	9	4,664.63	9	4,304.67	9	3,928.86	9	3,541.33	9	3,153.18	9	2,764.93
1/4		1/4		1/4		1/4	4,998.59	1/4	4,657.30	1/4	4,297.01	1/4	3,920.86	1/4	3,533.25	1/4	3,145.09	1/4	2,756.84
1/2		1/2		1/2		1/2	4,991.66	1/2	4,649.97	1/2	4,289.35	1/2	3,912.87	1/2	3,525.16	1/2	3,137.00	1/2	2,748.76
3/4		3/4		3/4		3/4	4,984.70	3/4	4,642.61	3/4	4,281.66	3/4	3,904.85	3/4	3,517.07	3/4	3,128.92	3/4	2,740.67
10		10		10		10	4,977.74	10	4,635.25	10	4,273.97	10	3,896.82	10	3,508.99	10	3,120.83	10	2,732.58
1/4		1/4		1/4		1/4	4,970.78	1/4	4,627.88	1/4	4,266.28	1/4	3,888.79	1/4	3,500.90	1/4	3,112.74	1/4	2,724.49
1/2		1/2		1/2		1/2	4,963.82	1/2	4,620.52	1/2	4,258.59	1/2	3,880.77	1/2	3,492.81	1/2	3,104.66	1/2	2,716.40
3/4		3/4		3/4		3/4	4,956.82	3/4	4,613.13	3/4	4,250.86	3/4	3,872.72	3/4	3,484.73	3/4	3,096.57	3/4	2,708.31
11		11		11		11	4,949.83	11	4,605.74	11	4,243.14	11	3,864.67	11	3,476.64	11	3,088.48	11	2,700.22
1/4		1/4		1/4		1/4	4,942.84	1/4	4,598.36	1/4	4,235.41	1/4	3,856.62	1/4	3,468.55	1/4	3,080.40	1/4	2,692.13
1/2		1/2		1/2		1/2	4,935.85	1/2	4,590.97	1/2	4,227.69	1/2	3,848.57	1/2	3,460.47	1/2	3,072.31	1/2	2,684.04
3/4		3/4		3/4		3/4	5,267.12	3/4	4,928.83	3/4	4,583.55	3/4	4,219.94	3/4	3,840.50	3/4	3,452.38	3/4	3,064.22

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 12'-09" OFF CENTERLINE AND 43'-02" 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 30024B"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,667.86	0	2,279.59	0	1,891.31	0	1,503.03	0	1,114.76	0	726.97	0	339.30	0		0		0	
1/4	2,659.78	1/4	2,271.50	1/4	1,883.22	1/4	1,494.94	1/4	1,106.67	1/4	718.90	1/4	331.22	1/4		1/4		1/4	
1/2	2,651.69	1/2	2,263.41	1/2	1,875.13	1/2	1,486.86	1/2	1,098.58	1/2	710.84	1/2	323.14	1/2		1/2		1/2	
3/4	2,643.60	3/4	2,255.32	3/4	1,867.04	3/4	1,478.77	3/4	1,090.49	3/4	702.78	3/4	315.06	3/4		3/4		3/4	
1	2,635.51	1	2,247.23	1	1,858.95	1	1,470.68	1	1,082.40	1	694.71	1	306.98	1		1		1	
1/4	2,627.42	1/4	2,239.14	1/4	1,850.87	1/4	1,462.59	1/4	1,074.31	1/4	686.65	1/4	298.90	1/4		1/4		1/4	
1/2	2,619.33	1/2	2,231.05	1/2	1,842.78	1/2	1,454.50	1/2	1,066.22	1/2	678.58	1/2	290.82	1/2		1/2		1/2	
3/4	2,611.24	3/4	2,222.96	3/4	1,834.69	3/4	1,446.41	3/4	1,058.13	3/4	670.52	3/4	282.74	3/4		3/4		3/4	
2	2,603.15	2	2,214.87	2	1,826.60	2	1,438.32	2	1,050.04	2	662.45	2	274.66	2		2		2	
1/4	2,595.06	1/4	2,206.79	1/4	1,818.51	1/4	1,430.23	1/4	1,041.96	1/4	654.39	1/4	266.57	1/4		1/4		1/4	
1/2	2,586.97	1/2	2,198.70	1/2	1,810.42	1/2	1,422.14	1/2	1,033.87	1/2	646.32	1/2	258.49	1/2		1/2		1/2	
3/4	2,578.88	3/4	2,190.61	3/4	1,802.33	3/4	1,414.05	3/4	1,025.78	3/4	638.25	3/4	250.41	3/4		3/4		3/4	
3	2,570.79	3	2,182.52	3	1,794.24	3	1,405.96	3	1,017.69	3	630.18	3	242.33	3		3		3	
1/4	2,562.71	1/4	2,174.43	1/4	1,786.15	1/4	1,397.88	1/4	1,009.60	1/4	622.10	1/4	234.25	1/4		1/4		1/4	
1/2	2,554.62	1/2	2,166.34	1/2	1,778.06	1/2	1,389.79	1/2	1,001.51	1/2	614.03	1/2	226.17	1/2		1/2		1/2	
3/4	2,546.53	3/4	2,158.25	3/4	1,769.97	3/4	1,381.70	3/4	993.42	3/4	605.95	3/4	218.09	3/4		3/4		3/4	
4	2,538.44	4	2,150.16	4	1,761.88	4	1,373.61	4	985.33	4	597.87	4	210.01	4		4		4	
1/4	2,530.35	1/4	2,142.07	1/4	1,753.80	1/4	1,365.52	1/4	977.24	1/4	589.79	1/4	201.93	1/4		1/4		1/4	
1/2	2,522.26	1/2	2,133.98	1/2	1,745.71	1/2	1,357.43	1/2	969.15	1/2	581.71	1/2	193.85	1/2		1/2		1/2	
3/4	2,514.17	3/4	2,125.89	3/4	1,737.62	3/4	1,349.34	3/4	961.06	3/4	573.63	3/4	185.77	3/4		3/4		3/4	
5	2,506.08	5	2,117.81	5	1,729.53	5	1,341.25	5	952.97	5	565.55	5	177.69	5		5		5	
1/4	2,497.99	1/4	2,109.72	1/4	1,721.44	1/4	1,333.16	1/4	944.89	1/4	557.47	1/4	169.61	1/4		1/4		1/4	
1/2	2,489.90	1/2	2,101.63	1/2	1,713.35	1/2	1,325.07	1/2	936.80	1/2	549.39	1/2	161.53	1/2		1/2		1/2	
3/4	2,481.81	3/4	2,093.54	3/4	1,705.26	3/4	1,316.98	3/4	928.71	3/4	541.31	3/4	153.45	3/4		3/4		3/4	
6	2,473.73	6	2,085.45	6	1,697.17	6	1,308.90	6	920.62	6	533.23	6	145.37	6		6		6	
1/4	2,465.64	1/4	2,077.36	1/4	1,689.08	1/4	1,300.81	1/4	912.53	1/4	525.15	1/4	137.29	1/4		1/4		1/4	
1/2	2,457.55	1/2	2,069.27	1/2	1,680.99	1/2	1,292.72	1/2	904.44	1/2	517.07	1/2	129.21	1/2		1/2		1/2	
3/4	2,449.46	3/4	2,061.18	3/4	1,672.90	3/4	1,284.63	3/4	896.36	3/4	508.99	3/4	121.13	3/4		3/4		3/4	
7	2,441.37	7	2,053.09	7	1,664.82	7	1,276.54	7	888.29	7	500.91	7	113.05	7		7		7	
1/4	2,433.28	1/4	2,045.00	1/4	1,656.73	1/4	1,268.45	1/4	880.21	1/4	492.83	1/4	104.97	1/4		1/4		1/4	
1/2	2,425.19	1/2	2,036.91	1/2	1,648.64	1/2	1,260.36	1/2	872.13	1/2	484.75	1/2	96.89	1/2		1/2		1/2	
3/4	2,417.10	3/4	2,028.83	3/4	1,640.55	3/4	1,252.27	3/4	864.07	3/4	476.67	3/4	88.81	3/4		3/4		3/4	
8	2,409.01	8	2,020.74	8	1,632.46	8	1,244.18	8	856.00	8	468.58	8	80.73	8		8		8	
1/4	2,400.92	1/4	2,012.65	1/4	1,624.37	1/4	1,236.09	1/4	847.94	1/4	460.50	1/4	72.65	1/4		1/4		1/4	
1/2	2,392.83	1/2	2,004.56	1/2	1,616.28	1/2	1,228.00	1/2	839.87	1/2	452.42	1/2	64.56	1/2		1/2		1/2	
3/4	2,384.75	3/4	1,996.47	3/4	1,608.19	3/4	1,219.92	3/4	831.81	3/4	444.34	3/4	57.50	3/4		3/4		3/4	
9	2,376.66	9	1,988.38	9	1,600.10	9	1,211.83	9	823.74	9	436.26	9	50.43	9		9		9	
1/4	2,368.57	1/4	1,980.29	1/4	1,592.01	1/4	1,203.74	1/4	815.68	1/4	428.18	1/4	43.36	1/4		1/4		1/4	
1/2	2,360.48	1/2	1,972.20	1/2	1,583.92	1/2	1,195.65	1/2	807.62	1/2	420.10	1/2	36.29	1/2		1/2		1/2	
3/4	2,352.39	3/4	1,964.11	3/4	1,575.84	3/4	1,187.56	3/4	799.55	3/4	412.02	3/4	31.24	3/4		3/4		3/4	
10	2,344.30	10	1,956.02	10	1,567.75	10	1,179.47	10	791.49	10	403.94	10	26.20	10		10		10	
1/4	2,336.21	1/4	1,947.93	1/4	1,559.66	1/4	1,171.38	1/4	783.42	1/4	395.86	1/4	21.15	1/4		1/4		1/4	
1/2	2,328.12	1/2	1,939.85	1/2	1,551.57	1/2	1,163.29	1/2	775.36	1/2	387.78	1/2	16.10	1/2		1/2		1/2	
3/4	2,320.03	3/4	1,931.76	3/4	1,543.48	3/4	1,155.20	3/4	767.29	3/4	379.70	3/4		3/4		3/4		3/4	
11	2,311.94	11	1,923.67	11	1,535.39	11	1,147.11	11	759.23	11	371.62	11		11		11		11	
1/4	2,303.85	1/4	1,915.58	1/4	1,527.30	1/4	1,139.02	1/4	751.16	1/4	363.54	1/4		1/4		1/4		1/4	
1/2	2,295.77	1/2	1,907.49	1/2	1,519.21	1/2	1,130.94	1/2	743.10	1/2	355.46	1/2		1/2		1/2		1/2	
3/4	2,287.68	3/4	1,899.40	3/4	1,511.12	3/4	1,122.85	3/4	735.03	3/4	347.38	3/4		3/4		3/4		3/4	

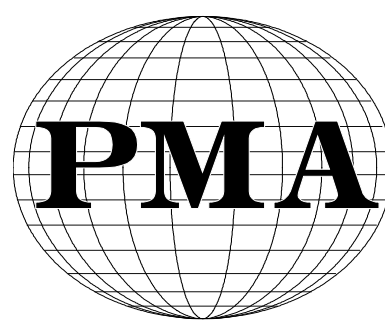
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2003 CL - SW  
VERIFIED: 03/20/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2024

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





# BARGE "KIRBY 30024B"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/8"

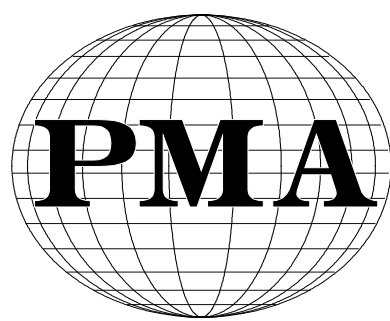
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,245.80	0	4,903.86	0	4,557.58	0	4,193.09	0	3,812.74	0	3,424.18	0	3,035.60
1/4		1/4		1/4		1/4	5,240.94	1/4	4,896.84	1/4	4,550.15	1/4	4,185.34	1/4	3,804.66	1/4	3,416.08	1/4	3,027.50
1/2		1/2		1/2		1/2	5,234.66	1/2	4,889.79	1/2	4,542.70	1/2	4,177.56	1/2	3,796.56	1/2	3,407.98	1/2	3,019.40
3/4		3/4		3/4		3/4	5,228.39	3/4	4,882.74	3/4	4,535.25	3/4	4,169.78	3/4	3,788.47	3/4	3,399.89	3/4	3,011.30
1		1		1		1	5,222.11	1	4,875.68	1	4,527.80	1	4,162.00	1	3,780.37	1	3,391.79	1	3,003.20
1/4		1/4		1/4		1/4	5,215.84	1/4	4,868.63	1/4	4,520.35	1/4	4,154.23	1/4	3,772.28	1/4	3,383.70	1/4	2,995.10
1/2		1/2		1/2		1/2	5,208.12	1/2	4,861.55	1/2	4,512.88	1/2	4,146.42	1/2	3,764.18	1/2	3,375.60	1/2	2,987.00
3/4		3/4		3/4		3/4	5,200.40	3/4	4,854.48	3/4	4,505.40	3/4	4,138.61	3/4	3,756.09	3/4	3,367.51	3/4	2,978.90
2		2		2		2	5,192.68	2	4,847.40	2	4,497.93	2	4,130.80	2	3,747.99	2	3,359.41	2	2,970.81
1/4		1/4		1/4		1/4	5,184.96	1/4	4,840.33	1/4	4,490.45	1/4	4,122.99	1/4	3,739.90	1/4	3,351.32	1/4	2,962.71
1/2		1/2		1/2		1/2	5,176.89	1/2	4,833.22	1/2	4,482.95	1/2	4,115.16	1/2	3,731.80	1/2	3,343.22	1/2	2,954.61
3/4		3/4		3/4		3/4	5,168.81	3/4	4,826.12	3/4	4,475.44	3/4	4,107.32	3/4	3,723.71	3/4	3,335.13	3/4	2,946.51
3		3		3		3	5,160.74	3	4,819.02	3	4,467.93	3	4,099.49	3	3,715.61	3	3,327.03	3	2,938.42
1/4		1/4		1/4		1/4	5,152.67	1/4	4,811.92	1/4	4,460.43	1/4	4,091.66	1/4	3,707.51	1/4	3,318.94	1/4	2,930.32
1/2		1/2		1/2		1/2	5,144.57	1/2	4,804.79	1/2	4,452.90	1/2	4,083.80	1/2	3,699.42	1/2	3,310.84	1/2	2,922.22
3/4		3/4		3/4		3/4	5,136.47	3/4	4,797.65	3/4	4,445.36	3/4	4,075.94	3/4	3,691.32	3/4	3,302.74	3/4	2,914.12
4		4		4		4	5,128.37	4	4,790.52	4	4,437.83	4	4,068.08	4	3,683.23	4	3,294.65	4	2,906.02
1/4		1/4		1/4		1/4	5,120.28	1/4	4,783.39	1/4	4,430.30	1/4	4,060.22	1/4	3,675.13	1/4	3,286.55	1/4	2,897.93
1/2		1/2		1/2		1/2	5,113.22	1/2	4,776.23	1/2	4,422.74	1/2	4,052.33	1/2	3,667.04	1/2	3,278.46	1/2	2,889.83
3/4		3/4		3/4		3/4	5,106.16	3/4	4,769.07	3/4	4,415.19	3/4	4,044.44	3/4	3,658.94	3/4	3,270.36	3/4	2,881.73
5		5		5		5	5,099.10	5	4,761.91	5	4,407.63	5	4,036.55	5	3,650.85	5	3,262.27	5	2,873.63
1/4		1/4		1/4		1/4	5,092.05	1/4	4,754.76	1/4	4,400.07	1/4	4,028.66	1/4	3,642.75	1/4	3,254.17	1/4	2,865.54
1/2		1/2		1/2		1/2	5,085.12	1/2	4,747.57	1/2	4,392.49	1/2	4,020.74	1/2	3,634.66	1/2	3,246.08	1/2	2,857.44
3/4		3/4		3/4		3/4	5,078.19	3/4	4,740.39	3/4	4,384.90	3/4	4,012.83	3/4	3,626.56	3/4	3,237.98	3/4	2,849.34
6		6		6		6	5,071.26	6	4,733.21	6	4,377.31	6	4,004.91	6	3,618.47	6	3,229.89	6	2,841.24
1/4		1/4		1/4		1/4	5,064.33	1/4	4,726.02	1/4	4,369.72	1/4	3,997.00	1/4	3,610.37	1/4	3,221.79	1/4	2,833.14
1/2		1/2		1/2		1/2	5,057.37	1/2	4,718.81	1/2	4,362.11	1/2	3,989.05	1/2	3,602.27	1/2	3,213.70	1/2	2,825.05
3/4		3/4		3/4		3/4	5,050.42	3/4	4,711.59	3/4	4,354.50	3/4	3,981.10	3/4	3,594.18	3/4	3,205.60	3/4	2,816.95
7		7		7		7	5,043.46	7	4,704.38	7	4,346.88	7	3,973.15	7	3,586.08	7	3,197.50	7	2,808.85
1/4		1/4		1/4		1/4	5,036.51	1/4	4,697.17	1/4	4,339.27	1/4	3,965.20	1/4	3,577.99	1/4	3,189.41	1/4	2,800.75
1/2		1/2		1/2		1/2	5,029.52	1/2	4,689.93	1/2	4,331.63	1/2	3,957.22	1/2	3,569.89	1/2	3,181.31	1/2	2,792.66
3/4		3/4		3/4		3/4	5,022.54	3/4	4,682.69	3/4	4,323.99	3/4	3,949.25	3/4	3,561.80	3/4	3,173.22	3/4	2,784.56
8		8		8		8	5,015.55	8	4,675.45	8	4,316.35	8	3,941.28	8	3,553.70	8	3,165.12	8	2,776.46
1/4		1/4		1/4		1/4	5,008.57	1/4	4,668.21	1/4	4,308.71	1/4	3,933.31	1/4	3,545.61	1/4	3,157.03	1/4	2,768.36
1/2		1/2		1/2		1/2	5,001.62	1/2	4,660.88	1/2	4,301.05	1/2	3,925.31	1/2	3,537.51	1/2	3,148.93	1/2	2,760.26
3/4		3/4		3/4		3/4	4,994.67	3/4	4,653.55	3/4	4,293.38	3/4	3,917.31	3/4	3,529.42	3/4	3,140.84	3/4	2,752.17
9		9		9		9	4,987.72	9	4,646.22	9	4,285.71	9	3,909.31	9	3,521.32	9	3,132.74	9	2,744.07
1/4		1/4		1/4		1/4	4,980.77	1/4	4,638.90	1/4	4,278.04	1/4	3,901.32	1/4	3,513.23	1/4	3,124.65	1/4	2,735.97
1/2		1/2		1/2		1/2	4,973.81	1/2	4,631.53	1/2	4,270.34	1/2	3,893.29	1/2	3,505.13	1/2	3,116.55	1/2	2,727.87
3/4		3/4		3/4		3/4	4,966.84	3/4	4,624.16	3/4	4,262.65	3/4	3,885.25	3/4	3,497.03	3/4	3,108.46	3/4	2,719.78
10		10		10		10	4,959.88	10	4,616.80	10	4,254.95	10	3,877.22	10	3,488.94	10	3,100.36	10	2,711.68
1/4		1/4		1/4		1/4	4,952.91	1/4	4,609.43	1/4	4,247.26	1/4	3,869.19	1/4	3,480.84	1/4	3,092.26	1/4	2,703.58
1/2		1/2		1/2		1/2	4,945.92	1/2	4,602.04	1/2	4,239.53	1/2	3,861.14	1/2	3,472.75	1/2	3,084.17	1/2	2,695.48
3/4		3/4		3/4		3/4	4,938.92	3/4	4,594.64	3/4	4,231.80	3/4	3,853.08	3/4	3,464.65	3/4	3,076.07	3/4	2,687.38
11		11		11		11	4,931.93	11	4,587.25	11	4,224.07	11	3,845.03	11	3,456.56	11	3,067.98	11	2,679.29
1/4		1/4		1/4		1/4	4,924.93	1/4	4,579.86	1/4	4,216.34	1/4	3,836.98	1/4	3,448.46	1/4	3,059.88	1/4	2,671.19
1/2		1/2		5/8	5,253.09	1/2	4,917.91	1/2	4,572.43	1/2	4,208.59	1/2	3,828.90	1/2	3,440.37	1/2	3,051.79	1/2	2,663.09
3/4		3/4		3/4	5,250.66	3/4	4,910.89	3/4	4,565.01	3/4	4,200.84	3/4	3,820.82	3/4	3,432.27	3/4	3,043.69	3/4	2,654.99

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 12'-09" OFF CENTERLINE AND 43'-02" 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 30024B"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/8"

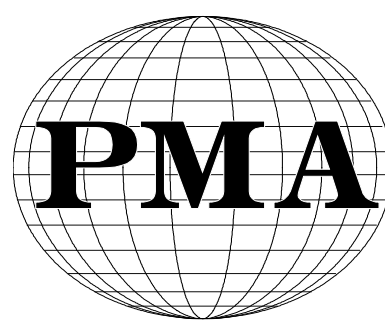
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,646.89	0	2,258.20	0	1,869.51	0	1,480.81	0	1,094.87	0	718.63	0	336.33	0		0		0	
1/4	2,638.80	1/4	2,250.10	1/4	1,861.41	1/4	1,472.71	1/4	1,086.90	1/4	710.87	1/4	328.23	1/4		1/4		1/4	
1/2	2,630.70	1/2	2,242.00	1/2	1,853.31	1/2	1,464.62	1/2	1,078.92	1/2	703.11	1/2	320.13	1/2		1/2		1/2	
3/4	2,622.60	3/4	2,233.91	3/4	1,845.21	3/4	1,456.52	3/4	1,070.95	3/4	695.35	3/4	312.04	3/4		3/4		3/4	
1	2,614.50	1	2,225.81	1	1,837.11	1	1,448.42	1	1,062.97	1	687.59	1	303.94	1		1		1	
1/4	2,606.41	1/4	2,217.71	1/4	1,829.02	1/4	1,440.32	1/4	1,055.00	1/4	679.82	1/4	295.84	1/4		1/4		1/4	
1/2	2,598.31	1/2	2,209.61	1/2	1,820.92	1/2	1,432.22	1/2	1,047.02	1/2	672.06	1/2	287.75	1/2		1/2		1/2	
3/4	2,590.21	3/4	2,201.52	3/4	1,812.82	3/4	1,424.13	3/4	1,039.05	3/4	664.30	3/4	279.65	3/4		3/4		3/4	
2	2,582.11	2	2,193.42	2	1,804.72	2	1,416.03	2	1,031.07	2	656.54	2	271.55	2		2		2	
1/4	2,574.01	1/4	2,185.32	1/4	1,796.63	1/4	1,407.93	1/4	1,023.10	1/4	648.78	1/4	263.46	1/4		1/4		1/4	
1/2	2,565.92	1/2	2,177.22	1/2	1,788.53	1/2	1,399.83	1/2	1,015.12	1/2	641.01	1/2	255.36	1/2		1/2		1/2	
3/4	2,557.82	3/4	2,169.12	3/4	1,780.43	3/4	1,391.74	3/4	1,007.15	3/4	633.24	3/4	247.26	3/4		3/4		3/4	
3	2,549.72	3	2,161.03	3	1,772.33	3	1,383.64	3	999.17	3	625.47	3	239.16	3		3		3	
1/4	2,541.62	1/4	2,152.93	1/4	1,764.23	1/4	1,375.54	1/4	991.19	1/4	617.70	1/4	231.07	1/4		1/4		1/4	
1/2	2,533.53	1/2	2,144.83	1/2	1,756.14	1/2	1,367.44	1/2	983.22	1/2	609.91	1/2	222.97	1/2		1/2		1/2	
3/4	2,525.43	3/4	2,136.73	3/4	1,748.04	3/4	1,359.34	3/4	975.24	3/4	602.13	3/4	214.87	3/4		3/4		3/4	
4	2,517.33	4	2,128.64	4	1,739.94	4	1,351.25	4	967.27	4	594.35	4	206.78	4		4		4	
1/4	2,509.23	1/4	2,120.54	1/4	1,731.84	1/4	1,343.15	1/4	959.29	1/4	586.56	1/4	198.68	1/4		1/4		1/4	
1/2	2,501.13	1/2	2,112.44	1/2	1,723.75	1/2	1,335.05	1/2	951.45	1/2	578.64	1/2	190.58	1/2		1/2		1/2	
3/4	2,493.04	3/4	2,104.34	3/4	1,715.65	3/4	1,326.95	3/4	943.61	3/4	570.72	3/4	182.49	3/4		3/4		3/4	
5	2,484.94	5	2,096.24	5	1,707.55	5	1,318.86	5	935.77	5	562.79	5	174.39	5		5		5	
1/4	2,476.84	1/4	2,088.15	1/4	1,699.45	1/4	1,310.76	1/4	927.93	1/4	554.87	1/4	166.29	1/4		1/4		1/4	
1/2	2,468.74	1/2	2,080.05	1/2	1,691.35	1/2	1,302.66	1/2	920.24	1/2	546.79	1/2	158.20	1/2		1/2		1/2	
3/4	2,460.65	3/4	2,071.95	3/4	1,683.26	3/4	1,294.56	3/4	912.56	3/4	538.71	3/4	150.10	3/4		3/4		3/4	
6	2,452.55	6	2,063.85	6	1,675.16	6	1,286.46	6	904.87	6	530.63	6	142.00	6		6		6	
1/4	2,444.45	1/4	2,055.76	1/4	1,667.06	1/4	1,278.37	1/4	897.19	1/4	522.56	1/4	133.91	1/4		1/4		1/4	
1/2	2,436.35	1/2	2,047.66	1/2	1,658.96	1/2	1,270.38	1/2	889.43	1/2	514.46	1/2	125.81	1/2		1/2		1/2	
3/4	2,428.25	3/4	2,039.56	3/4	1,650.87	3/4	1,262.39	3/4	881.67	3/4	506.36	3/4	117.71	3/4		3/4		3/4	
7	2,420.16	7	2,031.46	7	1,642.77	7	1,254.39	7	873.90	7	498.27	7	109.61	7		7		7	
1/4	2,412.06	1/4	2,023.36	1/4	1,634.67	1/4	1,246.40	1/4	866.14	1/4	490.17	1/4	101.52	1/4		1/4		1/4	
1/2	2,403.96	1/2	2,015.27	1/2	1,626.57	1/2	1,238.43	1/2	858.38	1/2	482.07	1/2	93.42	1/2		1/2		1/2	
3/4	2,395.86	3/4	2,007.17	3/4	1,618.47	3/4	1,230.45	3/4	850.61	3/4	473.97	3/4	85.32	3/4		3/4		3/4	
8	2,387.77	8	1,999.07	8	1,610.38	8	1,222.48	8	842.85	8	465.88	8	77.23	8		8		8	
1/4	2,379.67	1/4	1,990.97	1/4	1,602.28	1/4	1,214.50	1/4	835.09	1/4	457.78	1/4	69.13	1/4		1/4		1/4	
1/2	2,371.57	1/2	1,982.88	1/2	1,594.18	1/2	1,206.53	1/2	827.32	1/2	449.68	1/2	61.92	1/2		1/2		1/2	
3/4	2,363.47	3/4	1,974.78	3/4	1,586.08	3/4	1,198.55	3/4	819.56	3/4	441.59	3/4	54.71	3/4		3/4		3/4	
9	2,355.37	9	1,966.68	9	1,577.99	9	1,190.58	9	811.79	9	433.49	9	47.50	9		9		9	
1/4	2,347.28	1/4	1,958.58	1/4	1,569.89	1/4	1,182.60	1/4	804.03	1/4	425.39	1/4	40.29	1/4		1/4		1/4	
1/2	2,339.18	1/2	1,950.48	1/2	1,561.79	1/2	1,174.63	1/2	796.27	1/2	417.30	1/2	34.97	1/2		1/2		1/2	
3/4	2,331.08	3/4	1,942.39	3/4	1,553.69	3/4	1,166.65	3/4	788.50	3/4	409.20	3/4	29.66	3/4		3/4		3/4	
10	2,322.98	10	1,934.29	10	1,545.59	10	1,158.68	10	780.74	10	401.10	10	24.35	10		10		10	
1/4	2,314.89	1/4	1,926.19	1/4	1,537.50	1/4	1,150.70	1/4	772.98	1/4	393.01	1/4	19.03	1/4		1/4		1/4	
1/2	2,306.79	1/2	1,918.09	1/2	1,529.40	1/2	1,142.73	1/2	765.21	1/2	384.91	1/2	16.50	1/2		1/2		1/2	
3/4	2,298.69	3/4	1,910.00	3/4	1,521.30	3/4	1,134.75	3/4	757.45	3/4	376.81	3/4		3/4		3/4		3/4	
11	2,290.59	11	1,901.90	11	1,513.20	11	1,126.77	11	749.69	11	368.72	11		11		11		11	
1/4	2,282.49	1/4	1,893.80	1/4	1,505.11	1/4	1,118.80	1/4	741.92	1/4	360.62	1/4		1/4		1/4		1/4	
1/2	2,274.40	1/2	1,885.70	1/2	1,497.01	1/2	1,110.82	1/2	734.16	1/2	352.52	1/2		1/2		1/2		1/2	
3/4	2,266.30	3/4	1,877.60	3/4	1,488.91	3/4	1,102.85	3/4	726.40	3/4	344.42	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2003 CL - SW  
VERIFIED: 03/20/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2024

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



# BARGE "KIRBY 30024B"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

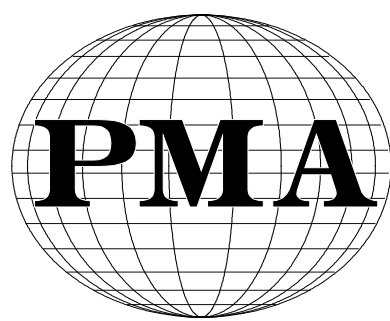
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	5,061.27	0	4,769.75	0	4,471.25	0	4,157.86	0	3,830.84	0	3,457.43	0	3,067.87		
1/4		1/4		1/4		1/4	5,057.55	1/4	4,763.69	1/4	4,464.86	1/4	4,151.19	1/4	3,823.88	1/4	3,449.32	1/4	3,059.75		
1/2		1/2		1/2		1/2	5,053.83	1/2	4,757.62	1/2	4,458.47	1/2	4,144.52	1/2	3,816.93	1/2	3,441.20	1/2	3,051.64		
3/4		3/4		3/4		3/4	5,048.49	3/4	4,751.53	3/4	4,452.06	3/4	4,137.83	3/4	3,809.97	3/4	3,433.08	3/4	3,043.52		
1		1		1		1	5,043.15	1	4,745.43	1	4,445.65	1	4,131.14	1	3,803.01	1	3,424.97	1	3,035.40		
1/4		1/4		1/4		1/4	5,037.81	1/4	4,739.34	1/4	4,439.24	1/4	4,124.45	1/4	3,796.04	1/4	3,416.85	1/4	3,027.29		
1/2		1/2		1/2		1/2	5,032.47	1/2	4,733.24	1/2	4,432.82	1/2	4,117.75	1/2	3,789.08	1/2	3,408.74	1/2	3,019.17		
3/4		3/4		3/4		3/4	5,025.71	3/4	4,727.13	3/4	4,426.39	3/4	4,111.03	3/4	3,782.12	3/4	3,400.62	3/4	3,011.05		
2		2		2		2	5,018.94	2	4,721.02	2	4,419.96	2	4,104.31	2	3,775.15	2	3,392.50	2	3,002.93		
1/4		1/4		1/4		1/4	5,012.18	1/4	4,714.90	1/4	4,413.53	1/4	4,097.59	1/4	3,768.19	1/4	3,384.39	1/4	2,994.82		
1/2		1/2		1/2		1/2	5,005.42	1/2	4,708.79	1/2	4,407.10	1/2	4,090.87	1/2	3,761.23	1/2	3,376.27	1/2	2,986.70		
3/4		3/4		3/4		3/4	4,998.46	3/4	4,702.66	3/4	4,400.63	3/4	4,084.13	3/4	3,754.26	3/4	3,368.16	3/4	2,978.58		
3		3		3		3	4,991.49	3	4,696.52	3	4,394.17	3	4,077.39	3	3,747.30	3	3,360.04	3	2,970.47		
1/4		1/4		1/4		1/4	4,984.53	1/4	4,690.39	1/4	4,387.71	1/4	4,070.65	1/4	3,740.34	1/4	3,351.92	1/4	2,962.35		
1/2		1/2		1/2		1/2	4,977.56	1/2	4,684.25	1/2	4,381.25	1/2	4,063.91	1/2	3,733.37	1/2	3,343.81	1/2	2,954.23		
3/4		3/4		3/4		3/4	4,970.60	3/4	4,678.09	3/4	4,374.77	3/4	4,057.14	3/4	3,725.26	3/4	3,335.69	3/4	2,946.11		
4		4		4		4	4,963.63	4	4,671.92	4	4,368.29	4	4,050.38	4	3,717.14	4	3,327.58	4	2,938.00		
1/4		1/4		1/4		1/4	4,956.67	1/4	4,665.76	1/4	4,361.81	1/4	4,043.62	1/4	3,709.02	1/4	3,319.46	1/4	2,929.88		
1/2		1/2		1/2		1/2	4,949.70	1/2	4,659.60	1/2	4,355.33	1/2	4,036.85	1/2	3,700.91	1/2	3,311.35	1/2	2,921.76		
3/4		3/4		3/4		3/4	4,943.76	3/4	4,653.41	3/4	4,348.83	3/4	4,030.06	3/4	3,692.79	3/4	3,303.23	3/4	2,913.65		
5		5		5		5	4,937.82	5	4,647.23	5	4,342.32	5	4,023.27	5	3,684.68	5	3,295.11	5	2,905.53		
1/4		1/4		1/4		1/4	4,931.88	1/4	4,641.05	1/4	4,335.82	1/4	4,016.48	1/4	3,676.56	1/4	3,287.00	1/4	2,897.41		
1/2		1/2		1/2		1/2	4,925.94	1/2	4,634.86	1/2	4,329.32	1/2	4,009.69	1/2	3,668.44	1/2	3,278.88	1/2	2,889.29		
3/4		3/4		3/4		3/4	4,919.97	3/4	4,628.66	3/4	4,322.79	3/4	4,002.88	3/4	3,660.33	3/4	3,270.77	3/4	2,881.18		
6		6		6		6	4,914.01	6	4,622.45	6	4,316.26	6	3,996.07	6	3,652.21	6	3,262.65	6	2,873.06		
1/4		1/4		1/4		1/4	4,908.05	1/4	4,616.24	1/4	4,309.73	1/4	3,989.26	1/4	3,644.10	1/4	3,254.53	1/4	2,864.94		
1/2		1/2		1/2		1/2	4,902.09	1/2	4,610.04	1/2	4,303.20	1/2	3,982.45	1/2	3,635.98	1/2	3,246.42	1/2	2,856.83		
3/4		3/4		3/4		3/4	4,896.10	3/4	4,603.81	3/4	4,296.65	3/4	3,975.61	3/4	3,627.87	3/4	3,238.30	3/4	2,848.71		
7		7		7		7	4,890.12	7	4,597.57	7	4,290.09	7	3,968.76	7	3,619.75	7	3,230.19	7	2,840.59		
1/4		1/4		1/4		1/4	4,884.14	1/4	4,591.34	1/4	4,283.54	1/4	3,961.92	1/4	3,611.63	1/4	3,222.07	1/4	2,832.47		
1/2		1/2		1/2		1/2	4,878.15	1/2	4,585.11	1/2	4,276.99	1/2	3,955.08	1/2	3,603.52	1/2	3,213.95	1/2	2,824.36		
3/4		3/4		3/4		3/4	4,872.14	3/4	4,578.85	3/4	4,270.42	3/4	3,948.22	3/4	3,595.40	3/4	3,205.84	3/4	2,816.24		
8		8		8		8	4,866.13	8	4,572.60	8	4,263.85	8	3,941.36	8	3,587.29	8	3,197.72	8	2,808.12		
1/4		1/4		1/4		1/4	4,860.12	1/4	4,566.35	1/4	4,257.27	1/4	3,934.50	1/4	3,579.17	1/4	3,189.61	1/4	2,800.01		
1/2		1/2		1/2		1/2	4,854.11	1/2	4,560.09	1/2	4,250.70	1/2	3,927.64	1/2	3,571.05	1/2	3,181.49	1/2	2,791.89		
3/4		3/4		3/4		3/4	4,848.11	3/4	4,553.78	3/4	4,244.10	3/4	3,920.76	3/4	3,562.94	3/4	3,173.37	3/4	2,783.77		
9		9		9		9	4,842.12	9	4,547.46	9	4,237.50	9	3,913.87	9	3,554.82	9	3,165.26	9	2,775.66		
1/4		1/4		1/4		1/4	4,836.12	1/4	4,541.15	1/4	4,230.90	1/4	3,906.99	1/4	3,546.71	1/4	3,157.14	1/4	2,767.54		
1/2		1/2		1/2		1/2	4,830.13	1/2	4,534.84	1/2	4,224.30	1/2	3,900.11	1/2	3,538.59	1/2	3,149.03	1/2	2,759.42		
3/4		3/4		3/4		3/4	4,824.11	3/4	4,528.50	3/4	4,217.68	3/4	3,893.20	3/4	3,530.47	3/4	3,140.91	3/4	2,751.30		
10		10		10		10	4,818.09	10	4,522.16	10	4,211.05	10	3,886.29	10	3,522.36	10	3,132.80	10	2,743.19		
1/4		1/4		1/4		1/4	4,812.08	1/4	4,515.82	1/4	4,204.43	1/4	3,879.38	1/4	3,514.24	1/4	3,124.68	1/4	2,735.07		
1/2		1/2		1/2		1/2	4,806.06	1/2	4,509.48	1/2	4,197.81	1/2	3,872.46	1/2	3,506.13	1/2	3,116.56	1/2	2,726.95		
3/4		3/4		3/4		3/4	4,800.01	3/4	4,503.12	3/4	4,191.16	3/4	3,865.53	3/4	3,498.01	3/4	3,108.45	3/4	2,718.84		
11		11		11		11	4,793.97	11	4,496.76	11	4,184.51	11	3,858.60	11	3,489.90	11	3,100.33	11	2,710.72		
1/4		1/4		1/4		1/4	4,787.93	1/4	4,490.39	1/4	4,177.86	1/4	3,851.67	1/4	3,481.78	1/4	3,092.22	1/4	2,702.60		
1/2		1/2		1/2		1/2	4,781.88	1/2	4,484.03	1/2	4,171.20	1/2	3,844.74	1/2	3,473.66	1/2	3,084.10	1/2	2,694.48		
3/4		3/4		3/4		3/4	5,064.98	3/4	4,775.82	3/4	4,477.64	3/4	4,164.53	3/4	3,837.79	3/4	3,465.55	3/4	3,075.98	3/4	2,686.37

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 12'-09" OFF CENTERLINE AND 43'-09" 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 30024B"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

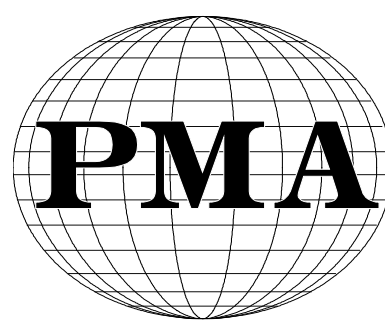
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,678.25	0	2,288.63	0	1,899.01	0	1,509.39	0	1,120.02	0	730.96	0	341.35	0		0		0	
1/4	2,670.13	1/4	2,280.51	1/4	1,890.89	1/4	1,501.27	1/4	1,111.93	1/4	722.84	1/4	333.23	1/4		1/4		1/4	
1/2	2,662.02	1/2	2,272.39	1/2	1,882.77	1/2	1,493.15	1/2	1,103.83	1/2	714.72	1/2	325.11	1/2		1/2		1/2	
3/4	2,653.90	3/4	2,264.28	3/4	1,874.66	3/4	1,485.04	3/4	1,095.74	3/4	706.61	3/4	317.00	3/4		3/4		3/4	
1	2,645.78	1	2,256.16	1	1,866.54	1	1,476.92	1	1,087.65	1	698.49	1	308.88	1		1		1	
1/4	2,637.66	1/4	2,248.04	1/4	1,858.42	1/4	1,468.80	1/4	1,079.56	1/4	690.37	1/4	300.76	1/4		1/4		1/4	
1/2	2,629.55	1/2	2,239.93	1/2	1,850.31	1/2	1,460.68	1/2	1,071.47	1/2	682.26	1/2	292.64	1/2		1/2		1/2	
3/4	2,621.43	3/4	2,231.81	3/4	1,842.19	3/4	1,452.57	3/4	1,063.38	3/4	674.14	3/4	284.53	3/4		3/4		3/4	
2	2,613.31	2	2,223.69	2	1,834.07	2	1,444.45	2	1,055.28	2	666.02	2	276.41	2		2		2	
1/4	2,605.20	1/4	2,215.58	1/4	1,825.95	1/4	1,436.33	1/4	1,047.19	1/4	657.91	1/4	268.29	1/4		1/4		1/4	
1/2	2,597.08	1/2	2,207.46	1/2	1,817.84	1/2	1,428.22	1/2	1,039.10	1/2	649.79	1/2	260.18	1/2		1/2		1/2	
3/4	2,588.96	3/4	2,199.34	3/4	1,809.72	3/4	1,420.10	3/4	1,031.01	3/4	641.67	3/4	252.06	3/4		3/4		3/4	
3	2,580.84	3	2,191.22	3	1,801.60	3	1,411.98	3	1,022.92	3	633.55	3	243.94	3		3		3	
1/4	2,572.73	1/4	2,183.11	1/4	1,793.49	1/4	1,403.87	1/4	1,014.82	1/4	625.44	1/4	235.83	1/4		1/4		1/4	
1/2	2,564.61	1/2	2,174.99	1/2	1,785.37	1/2	1,395.75	1/2	1,006.73	1/2	617.32	1/2	227.71	1/2		1/2		1/2	
3/4	2,556.49	3/4	2,166.87	3/4	1,777.25	3/4	1,387.63	3/4	998.64	3/4	609.20	3/4	219.59	3/4		3/4		3/4	
4	2,548.38	4	2,158.76	4	1,769.13	4	1,379.51	4	990.55	4	601.09	4	211.48	4		4		4	
1/4	2,540.26	1/4	2,150.64	1/4	1,761.02	1/4	1,371.40	1/4	982.46	1/4	592.97	1/4	203.36	1/4		1/4		1/4	
1/2	2,532.14	1/2	2,142.52	1/2	1,752.90	1/2	1,363.28	1/2	974.36	1/2	584.85	1/2	195.24	1/2		1/2		1/2	
3/4	2,524.02	3/4	2,134.40	3/4	1,744.78	3/4	1,355.16	3/4	966.27	3/4	576.74	3/4	187.13	3/4		3/4		3/4	
5	2,515.91	5	2,126.29	5	1,736.67	5	1,347.05	5	958.18	5	568.62	5	179.01	5		5		5	
1/4	2,507.79	1/4	2,118.17	1/4	1,728.55	1/4	1,338.93	1/4	950.09	1/4	560.50	1/4	170.89	1/4		1/4		1/4	
1/2	2,499.67	1/2	2,110.05	1/2	1,720.43	1/2	1,330.81	1/2	942.00	1/2	552.39	1/2	162.77	1/2		1/2		1/2	
3/4	2,491.56	3/4	2,101.94	3/4	1,712.31	3/4	1,322.69	3/4	933.88	3/4	544.27	3/4	154.66	3/4		3/4		3/4	
6	2,483.44	6	2,093.82	6	1,704.20	6	1,314.58	6	925.76	6	536.15	6	146.54	6		6		6	
1/4	2,475.32	1/4	2,085.70	1/4	1,696.08	1/4	1,306.46	1/4	917.65	1/4	528.03	1/4	138.42	1/4		1/4		1/4	
1/2	2,467.21	1/2	2,077.58	1/2	1,687.96	1/2	1,298.34	1/2	909.53	1/2	519.92	1/2	130.31	1/2		1/2		1/2	
3/4	2,459.09	3/4	2,069.47	3/4	1,679.85	3/4	1,290.23	3/4	901.41	3/4	511.80	3/4	122.19	3/4		3/4		3/4	
7	2,450.97	7	2,061.35	7	1,671.73	7	1,282.11	7	893.30	7	503.68	7	114.07	7		7		7	
1/4	2,442.85	1/4	2,053.23	1/4	1,663.61	1/4	1,273.99	1/4	885.18	1/4	495.57	1/4	105.96	1/4		1/4		1/4	
1/2	2,434.74	1/2	2,045.12	1/2	1,655.50	1/2	1,265.87	1/2	877.06	1/2	487.45	1/2	97.84	1/2		1/2		1/2	
3/4	2,426.62	3/4	2,037.00	3/4	1,647.38	3/4	1,257.76	3/4	868.94	3/4	479.33	3/4	89.72	3/4		3/4		3/4	
8	2,418.50	8	2,028.88	8	1,639.26	8	1,249.64	8	860.83	8	471.22	8	81.61	8		8		8	
1/4	2,410.39	1/4	2,020.76	1/4	1,631.14	1/4	1,241.52	1/4	852.71	1/4	463.10	1/4	73.49	1/4		1/4		1/4	
1/2	2,402.27	1/2	2,012.65	1/2	1,623.03	1/2	1,233.41	1/2	844.59	1/2	454.98	1/2	65.37	1/2		1/2		1/2	
3/4	2,394.15	3/4	2,004.53	3/4	1,614.91	3/4	1,225.29	3/4	836.48	3/4	446.87	3/4	58.27	3/4		3/4		3/4	
9	2,386.03	9	1,996.41	9	1,606.79	9	1,217.17	9	828.36	9	438.75	9	51.17	9		9		9	
1/4	2,377.92	1/4	1,988.30	1/4	1,598.68	1/4	1,209.05	1/4	820.24	1/4	430.63	1/4	44.07	1/4		1/4		1/4	
1/2	2,369.80	1/2	1,980.18	1/2	1,590.56	1/2	1,200.94	1/2	812.13	1/2	422.52	1/2	36.96	1/2		1/2		1/2	
3/4	2,361.68	3/4	1,972.06	3/4	1,582.44	3/4	1,192.85	3/4	804.01	3/4	414.40	3/4	31.89	3/4		3/4		3/4	
10	2,353.57	10	1,963.95	10	1,574.32	10	1,184.75	10	795.89	10	406.28	10	26.82	10		10		10	
1/4	2,345.45	1/4	1,955.83	1/4	1,566.21	1/4	1,176.66	1/4	787.78	1/4	398.16	1/4	21.75	1/4		1/4		1/4	
1/2	2,337.33	1/2	1,947.71	1/2	1,558.09	1/2	1,168.57	1/2	779.66	1/2	390.05	1/2	16.68	1/2		1/2		1/2	
3/4	2,329.21	3/4	1,939.59	3/4	1,549.97	3/4	1,160.48	3/4	771.54	3/4	381.93	3/4		3/4		3/4		3/4	
11	2,321.10	11	1,931.48	11	1,541.86	11	1,152.39	11	763.43	11	373.81	11		11		11		11	
1/4	2,312.98	1/4	1,923.36	1/4	1,533.74	1/4	1,144.29	1/4	755.31	1/4	365.70	1/4		1/4		1/4		1/4	
1/2	2,304.86	1/2	1,915.24	1/2	1,525.62	1/2	1,136.20	1/2	747.19	1/2	357.58	1/2		1/2		1/2		1/2	
3/4	2,296.75	3/4	1,907.13	3/4	1,517.50	3/4	1,128.11	3/4	739.07	3/4	349.46	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2003 CL - SW  
VERIFIED: 03/20/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2024

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



# BARGE "KIRBY 30024B"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

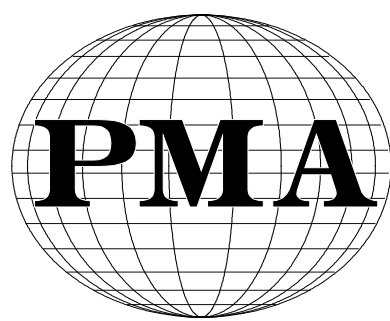
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,020.78	0	4,729.35	0	4,430.92	0	4,117.62	0	3,790.67	0	3,417.55	0	3,028.90
1/4		1/4		1/4		1/4	5,017.06	1/4	4,723.28	1/4	4,424.53	1/4	4,110.95	1/4	3,783.72	1/4	3,409.45	1/4	3,020.80
1/2		1/2		1/2		1/2	5,013.35	1/2	4,717.22	1/2	4,418.14	1/2	4,104.28	1/2	3,776.77	1/2	3,401.35	1/2	3,012.71
3/4		3/4		3/4		3/4	5,008.01	3/4	4,711.12	3/4	4,411.73	3/4	4,097.59	3/4	3,769.81	3/4	3,393.26	3/4	3,004.61
1		1		1		1	5,002.67	1	4,705.03	1	4,405.32	1	4,090.90	1	3,762.85	1	3,385.16	1	2,996.51
1/4		1/4		1/4		1/4	4,997.33	1/4	4,698.94	1/4	4,398.92	1/4	4,084.21	1/4	3,755.89	1/4	3,377.06	1/4	2,988.41
1/2		1/2		1/2		1/2	4,991.99	1/2	4,692.85	1/2	4,392.51	1/2	4,077.52	1/2	3,748.93	1/2	3,368.97	1/2	2,980.32
3/4		3/4		3/4		3/4	4,985.23	3/4	4,686.74	3/4	4,386.08	3/4	4,070.80	3/4	3,741.96	3/4	3,360.87	3/4	2,972.22
2		2		2		2	4,978.47	2	4,680.62	2	4,379.65	2	4,064.08	2	3,735.00	2	3,352.77	2	2,964.12
1/4		1/4		1/4		1/4	4,971.71	1/4	4,674.51	1/4	4,373.21	1/4	4,057.36	1/4	3,728.04	1/4	3,344.68	1/4	2,956.02
1/2		1/2		1/2		1/2	4,964.95	1/2	4,668.40	1/2	4,366.78	1/2	4,050.64	1/2	3,721.08	1/2	3,336.58	1/2	2,947.92
3/4		3/4		3/4		3/4	4,957.99	3/4	4,662.27	3/4	4,360.32	3/4	4,043.90	3/4	3,714.12	3/4	3,328.48	3/4	2,939.83
3		3		3		3	4,951.03	3	4,656.13	3	4,353.87	3	4,037.16	3	3,707.15	3	3,320.39	3	2,931.73
1/4		1/4		1/4		1/4	4,944.07	1/4	4,650.00	1/4	4,347.41	1/4	4,030.42	1/4	3,700.19	1/4	3,312.29	1/4	2,923.63
1/2		1/2		1/2		1/2	4,937.10	1/2	4,643.87	1/2	4,340.95	1/2	4,023.68	1/2	3,693.23	1/2	3,304.19	1/2	2,915.53
3/4		3/4		3/4		3/4	4,930.14	3/4	4,637.70	3/4	4,334.47	3/4	4,016.92	3/4	3,685.12	3/4	3,296.10	3/4	2,907.43
4		4		4		4	4,923.18	4	4,631.54	4	4,327.99	4	4,010.16	4	3,677.00	4	3,288.00	4	2,899.34
1/4		1/4		1/4		1/4	4,916.21	1/4	4,625.38	1/4	4,321.51	1/4	4,003.40	1/4	3,668.89	1/4	3,279.90	1/4	2,891.24
1/2		1/2		1/2		1/2	4,909.25	1/2	4,619.22	1/2	4,315.03	1/2	3,996.64	1/2	3,660.78	1/2	3,271.81	1/2	2,883.14
3/4		3/4		3/4		3/4	4,903.31	3/4	4,613.04	3/4	4,308.53	3/4	3,989.85	3/4	3,652.66	3/4	3,263.71	3/4	2,875.04
5		5		5		5	4,897.37	5	4,606.86	5	4,302.03	5	3,983.06	5	3,644.55	5	3,255.61	5	2,866.94
1/4		1/4		1/4		1/4	4,891.43	1/4	4,600.67	1/4	4,295.53	1/4	3,976.27	1/4	3,636.43	1/4	3,247.52	1/4	2,858.85
1/2		1/2		1/2		1/2	4,885.49	1/2	4,594.49	1/2	4,289.03	1/2	3,969.49	1/2	3,628.32	1/2	3,239.42	1/2	2,850.75
3/4		3/4		3/4		3/4	4,879.53	3/4	4,588.29	3/4	4,282.50	3/4	3,962.68	3/4	3,620.21	3/4	3,231.32	3/4	2,842.65
6		6		6		6	4,873.57	6	4,582.08	6	4,275.97	6	3,955.87	6	3,612.09	6	3,223.22	6	2,834.55
1/4		1/4		1/4		1/4	4,867.61	1/4	4,575.88	1/4	4,269.44	1/4	3,949.06	1/4	3,603.98	1/4	3,215.13	1/4	2,826.45
1/2		1/2		1/2		1/2	4,861.65	1/2	4,569.68	1/2	4,262.91	1/2	3,942.25	1/2	3,595.86	1/2	3,207.03	1/2	2,818.36
3/4		3/4		3/4		3/4	4,855.67	3/4	4,563.44	3/4	4,256.36	3/4	3,935.41	3/4	3,587.75	3/4	3,198.93	3/4	2,810.26
7		7		7		7	4,849.68	7	4,557.21	7	4,249.81	7	3,928.57	7	3,579.64	7	3,190.84	7	2,802.16
1/4		1/4		1/4		1/4	4,843.70	1/4	4,550.98	1/4	4,243.26	1/4	3,921.72	1/4	3,571.52	1/4	3,182.74	1/4	2,794.06
1/2		1/2		1/2		1/2	4,837.72	1/2	4,544.75	1/2	4,236.71	1/2	3,914.88	1/2	3,563.41	1/2	3,174.64	1/2	2,785.96
3/4		3/4		3/4		3/4	4,831.71	3/4	4,538.50	3/4	4,230.14	3/4	3,908.03	3/4	3,555.29	3/4	3,166.55	3/4	2,777.87
8		8		8		8	4,825.70	8	4,532.25	8	4,223.57	8	3,901.17	8	3,547.18	8	3,158.45	8	2,769.77
1/4		1/4		1/4		1/4	4,819.69	1/4	4,525.99	1/4	4,217.00	1/4	3,894.31	1/4	3,539.07	1/4	3,150.35	1/4	2,761.67
1/2		1/2		1/2		1/2	4,813.68	1/2	4,519.74	1/2	4,210.43	1/2	3,887.45	1/2	3,530.95	1/2	3,142.26	1/2	2,753.57
3/4		3/4		3/4		3/4	4,807.69	3/4	4,513.43	3/4	4,203.83	3/4	3,880.57	3/4	3,522.85	3/4	3,134.16	3/4	2,745.47
9		9		9		9	4,801.69	9	4,507.12	9	4,197.23	9	3,873.69	9	3,514.75	9	3,126.06	9	2,737.38
1/4		1/4		1/4		1/4	4,795.70	1/4	4,500.81	1/4	4,190.63	1/4	3,866.81	1/4	3,506.65	1/4	3,117.97	1/4	2,729.28
1/2		1/2		1/2		1/2	4,789.71	1/2	4,494.49	1/2	4,184.03	1/2	3,859.93	1/2	3,498.55	1/2	3,109.87	1/2	2,721.18
3/4		3/4		3/4		3/4	4,783.69	3/4	4,488.16	3/4	4,177.41	3/4	3,853.02	3/4	3,490.45	3/4	3,101.77	3/4	2,713.08
10		10		10		10	4,777.67	10	4,481.82	10	4,170.79	10	3,846.11	10	3,482.35	10	3,093.68	10	2,704.98
1/4		1/4		1/4		1/4	4,771.66	1/4	4,475.48	1/4	4,164.17	1/4	3,839.20	1/4	3,474.25	1/4	3,085.58	1/4	2,696.89
1/2		1/2		1/2		1/2	4,765.64	1/2	4,469.14	1/2	4,157.55	1/2	3,832.29	1/2	3,466.15	1/2	3,077.48	1/2	2,688.79
3/4		3/4		3/4		3/4	4,759.60	3/4	4,462.78	3/4	4,150.90	3/4	3,825.36	3/4	3,458.05	3/4	3,069.39	3/4	2,680.69
11		11		11		11	4,753.56	11	4,456.42	11	4,144.25	11	3,818.43	11	3,449.95	11	3,061.29	11	2,672.59
1/4		1/4		1/4		1/4	4,747.52	1/4	4,450.06	1/4	4,137.60	1/4	3,811.50	1/4	3,441.85	1/4	3,053.19	1/4	2,664.49
1/2		1/2		1/2		1/2	4,741.47	1/2	4,443.70	1/2	4,130.95	1/2	3,804.58	1/2	3,433.75	1/2	3,045.10	1/2	2,656.40
3/4		3/4		3/4		3/4	5,024.49	3/4	4,735.41	3/4	4,437.31	3/4	4,124.29	3/4	3,797.63	3/4	3,425.65	3/4	3,037.00

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 12'-09" OFF CENTERLINE AND 43'-09" 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 30024B"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,640.21	0	2,251.56	0	1,868.11	0	1,479.59	0	1,100.58	0	726.21	0	341.09	0		0		0	
1/4	2,632.11	1/4	2,243.46	1/4	1,860.12	1/4	1,471.49	1/4	1,092.90	1/4	718.28	1/4	332.98	1/4		1/4		1/4	
1/2	2,624.02	1/2	2,235.36	1/2	1,852.14	1/2	1,463.39	1/2	1,085.22	1/2	710.34	1/2	324.88	1/2		1/2		1/2	
3/4	2,615.92	3/4	2,227.37	3/4	1,844.04	3/4	1,455.29	3/4	1,077.55	3/4	702.41	3/4	316.78	3/4		3/4		3/4	
1	2,607.83	1	2,219.39	1	1,835.94	1	1,447.20	1	1,069.87	1	694.47	1	308.68	1		1		1	
1/4	2,599.74	1/4	2,211.41	1/4	1,827.84	1/4	1,439.10	1/4	1,062.19	1/4	686.54	1/4	300.57	1/4		1/4		1/4	
1/2	2,591.64	1/2	2,203.42	1/2	1,819.75	1/2	1,431.00	1/2	1,054.51	1/2	678.61	1/2	292.47	1/2		1/2		1/2	
3/4	2,583.55	3/4	2,195.44	3/4	1,811.65	3/4	1,422.90	3/4	1,046.84	3/4	670.67	3/4	284.37	3/4		3/4		3/4	
2	2,575.45	2	2,187.46	2	1,803.55	2	1,414.80	2	1,039.16	2	662.74	2	276.26	2		2		2	
1/4	2,567.36	1/4	2,179.47	1/4	1,795.45	1/4	1,406.70	1/4	1,031.48	1/4	654.80	1/4	268.16	1/4		1/4		1/4	
1/2	2,559.26	1/2	2,171.49	1/2	1,787.35	1/2	1,398.60	1/2	1,023.80	1/2	646.87	1/2	260.06	1/2		1/2		1/2	
3/4	2,551.17	3/4	2,163.51	3/4	1,779.25	3/4	1,390.50	3/4	1,016.13	3/4	638.94	3/4	251.95	3/4		3/4		3/4	
3	2,543.07	3	2,155.52	3	1,771.15	3	1,382.40	3	1,008.45	3	631.00	3	243.85	3		3		3	
1/4	2,534.98	1/4	2,147.54	1/4	1,763.05	1/4	1,374.31	1/4	1,000.77	1/4	623.07	1/4	235.75	1/4		1/4		1/4	
1/2	2,526.89	1/2	2,139.55	1/2	1,754.95	1/2	1,366.21	1/2	993.09	1/2	615.13	1/2	227.65	1/2		1/2		1/2	
3/4	2,518.79	3/4	2,131.57	3/4	1,746.86	3/4	1,358.11	3/4	985.41	3/4	607.19	3/4	219.53	3/4		3/4		3/4	
4	2,510.70	4	2,123.59	4	1,738.76	4	1,350.01	4	977.73	4	599.24	4	211.42	4		4		4	
1/4	2,502.60	1/4	2,115.60	1/4	1,730.66	1/4	1,341.91	1/4	970.05	1/4	591.29	1/4	203.30	1/4		1/4		1/4	
1/2	2,494.51	1/2	2,107.62	1/2	1,722.56	1/2	1,333.81	1/2	962.37	1/2	583.35	1/2	195.19	1/2		1/2		1/2	
3/4	2,486.41	3/4	2,099.64	3/4	1,714.46	3/4	1,325.71	3/4	954.69	3/4	575.38	3/4	187.07	3/4		3/4		3/4	
5	2,478.32	5	2,091.65	5	1,706.36	5	1,317.61	5	947.01	5	567.42	5	178.96	5		5		5	
1/4	2,470.22	1/4	2,083.67	1/4	1,698.26	1/4	1,309.51	1/4	939.33	1/4	559.46	1/4	170.84	1/4		1/4		1/4	
1/2	2,462.13	1/2	2,075.68	1/2	1,690.16	1/2	1,301.42	1/2	931.65	1/2	551.49	1/2	162.73	1/2		1/2		1/2	
3/4	2,454.03	3/4	2,067.70	3/4	1,682.06	3/4	1,293.45	3/4	923.96	3/4	543.46	3/4	154.61	3/4		3/4		3/4	
6	2,445.93	6	2,059.72	6	1,673.96	6	1,285.49	6	916.27	6	535.42	6	146.50	6		6		6	
1/4	2,437.83	1/4	2,051.73	1/4	1,665.87	1/4	1,277.53	1/4	908.59	1/4	527.39	1/4	138.38	1/4		1/4		1/4	
1/2	2,429.73	1/2	2,043.75	1/2	1,657.77	1/2	1,269.57	1/2	900.90	1/2	519.35	1/2	130.27	1/2		1/2		1/2	
3/4	2,421.64	3/4	2,035.77	3/4	1,649.67	3/4	1,261.88	3/4	892.94	3/4	511.25	3/4	122.15	3/4		3/4		3/4	
7	2,413.54	7	2,027.78	7	1,641.57	7	1,254.20	7	884.98	7	503.15	7	114.04	7		7		7	
1/4	2,405.44	1/4	2,019.80	1/4	1,633.47	1/4	1,246.51	1/4	877.02	1/4	495.04	1/4	105.93	1/4		1/4		1/4	
1/2	2,397.34	1/2	2,011.81	1/2	1,625.37	1/2	1,238.83	1/2	869.05	1/2	486.94	1/2	97.81	1/2		1/2		1/2	
3/4	2,389.24	3/4	2,003.83	3/4	1,617.27	3/4	1,231.14	3/4	861.11	3/4	478.84	3/4	89.70	3/4		3/4		3/4	
8	2,381.14	8	1,995.85	8	1,609.17	8	1,223.46	8	853.16	8	470.74	8	81.58	8		8		8	
1/4	2,373.04	1/4	1,987.86	1/4	1,601.07	1/4	1,215.78	1/4	845.22	1/4	462.63	1/4	73.47	1/4		1/4		1/4	
1/2	2,364.94	1/2	1,979.88	1/2	1,592.98	1/2	1,208.09	1/2	837.27	1/2	454.53	1/2	65.35	1/2		1/2		1/2	
3/4	2,356.84	3/4	1,971.90	3/4	1,584.88	3/4	1,200.41	3/4	829.34	3/4	446.43	3/4	58.25	3/4		3/4		3/4	
9	2,348.74	9	1,963.91	9	1,576.78	9	1,192.72	9	821.41	9	438.32	9	51.15	9		9		9	
1/4	2,340.65	1/4	1,955.93	1/4	1,568.68	1/4	1,185.04	1/4	813.47	1/4	430.22	1/4	44.05	1/4		1/4		1/4	
1/2	2,332.55	1/2	1,947.95	1/2	1,560.58	1/2	1,177.35	1/2	805.54	1/2	422.12	1/2	36.95	1/2		1/2		1/2	
3/4	2,324.45	3/4	1,939.96	3/4	1,552.48	3/4	1,169.68	3/4	797.61	3/4	414.01	3/4	31.88	3/4		3/4		3/4	
10	2,316.35	10	1,931.98	10	1,544.38	10	1,162.00	10	789.68	10	405.91	10	26.81	10		10		10	
1/4	2,308.25	1/4	1,923.99	1/4	1,536.28	1/4	1,154.32	1/4	781.75	1/4	397.81	1/4	21.74	1/4		1/4		1/4	
1/2	2,300.15	1/2	1,916.01	1/2	1,528.18	1/2	1,146.64	1/2	773.81	1/2	389.71	1/2	16.67	1/2		1/2		1/2	
3/4	2,292.05	3/4	1,908.03	3/4	1,520.09	3/4	1,138.97	3/4	765.88	3/4	381.60	3/4		3/4		3/4		3/4	
11	2,283.95	11	1,900.04	11	1,511.99	11	1,131.29	11	757.94	11	373.50	11		11		11		11	
1/4	2,275.85	1/4	1,892.06	1/4	1,503.89	1/4	1,123.61	1/4	750.01	1/4	365.40	1/4		1/4		1/4		1/4	
1/2	2,267.75	1/2	1,884.08	1/2	1,495.79	1/2	1,115.93	1/2	742.08	1/2	357.29	1/2		1/2		1/2		1/2	
3/4	2,259.66	3/4	1,876.09	3/4	1,487.69	3/4	1,108.26	3/4	734.14	3/4	349.19	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/11/2003 CL - SW  
VERIFIED: 03/20/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2024

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