



BARGE "KIRBY 28027"

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	- 00-1/2	00-1/2	- 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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
3 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-03"

June 1, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 28027"

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	2,132.78	0	1,800.99	0	1,469.20	0	1,137.41	0	811.35	0	507.20	0	226.51	0		0		0	
1/4	2,125.86	1/4	1,794.07	1/4	1,462.28	1/4	1,130.49	1/4	804.78	1/4	501.11	1/4	220.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,118.95	1/2	1,787.16	1/2	1,455.37	1/2	1,123.58	1/2	798.21	1/2	495.01	1/2	215.31	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,112.04	3/4	1,780.25	3/4	1,448.46	3/4	1,116.67	3/4	791.68	3/4	488.96	3/4	209.75	3/4	3/4	3/4	3/4	3/4	3/4
1	2,105.13	1	1,773.34	1	1,441.55	1	1,109.76	1	785.15	1	482.91	1	204.19	1	1	1	1	1	1
1/4	2,098.21	1/4	1,766.42	1/4	1,434.63	1/4	1,102.84	1/4	778.62	1/4	476.86	1/4	198.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,091.30	1/2	1,759.51	1/2	1,427.72	1/2	1,095.93	1/2	772.09	1/2	470.80	1/2	193.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,084.39	3/4	1,752.60	3/4	1,420.81	3/4	1,089.02	3/4	765.61	3/4	464.79	3/4	187.55	3/4	3/4	3/4	3/4	3/4	3/4
2	2,077.48	2	1,745.69	2	1,413.90	2	1,082.11	2	759.12	2	458.78	2	182.03	2	2	2	2	2	2
1/4	2,070.57	1/4	1,738.78	1/4	1,406.98	1/4	1,075.20	1/4	752.63	1/4	452.77	1/4	176.51	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,063.65	1/2	1,731.86	1/2	1,400.07	1/2	1,068.29	1/2	746.14	1/2	446.75	1/2	170.98	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,056.74	3/4	1,724.95	3/4	1,393.16	3/4	1,061.38	3/4	739.68	3/4	440.78	3/4	165.51	3/4	3/4	3/4	3/4	3/4	3/4
3	2,049.83	3	1,718.04	3	1,386.25	3	1,054.48	3	733.22	3	434.81	3	160.03	3	3	3	3	3	3
1/4	2,042.92	1/4	1,711.13	1/4	1,379.34	1/4	1,047.58	1/4	726.75	1/4	428.84	1/4	154.55	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,036.00	1/2	1,704.21	1/2	1,372.42	1/2	1,040.67	1/2	720.29	1/2	422.88	1/2	149.08	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,029.09	3/4	1,697.30	3/4	1,365.51	3/4	1,033.79	3/4	713.87	3/4	416.94	3/4	143.64	3/4	3/4	3/4	3/4	3/4	3/4
4	2,022.18	4	1,690.39	4	1,358.60	4	1,026.90	4	707.45	4	411.01	4	138.20	4	4	4	4	4	4
1/4	2,015.27	1/4	1,683.48	1/4	1,351.69	1/4	1,020.01	1/4	701.02	1/4	405.08	1/4	132.76	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,008.36	1/2	1,676.56	1/2	1,344.77	1/2	1,013.12	1/2	694.60	1/2	399.15	1/2	127.31	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,001.44	3/4	1,669.65	3/4	1,337.86	3/4	1,006.26	3/4	688.22	3/4	393.26	3/4	121.92	3/4	3/4	3/4	3/4	3/4	3/4
5	1,994.53	5	1,662.74	5	1,330.95	5	999.40	5	681.84	5	387.38	5	116.53	5	5	5	5	5	5
1/4	1,987.62	1/4	1,655.83	1/4	1,324.04	1/4	992.53	1/4	675.46	1/4	381.49	1/4	111.13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,980.71	1/2	1,648.92	1/2	1,317.13	1/2	985.67	1/2	669.08	1/2	375.60	1/2	105.74	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,973.79	3/4	1,642.00	3/4	1,310.21	3/4	978.84	3/4	662.74	3/4	369.75	3/4	100.39	3/4	3/4	3/4	3/4	3/4	3/4
6	1,966.88	6	1,635.09	6	1,303.30	6	972.01	6	656.40	6	363.90	6	95.03	6	6	6	6	6	6
1/4	1,959.97	1/4	1,628.18	1/4	1,296.39	1/4	965.18	1/4	650.06	1/4	358.06	1/4	89.67	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,953.06	1/2	1,621.27	1/2	1,289.48	1/2	958.35	1/2	643.72	1/2	352.21	1/2	84.32	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,946.14	3/4	1,614.35	3/4	1,282.56	3/4	951.57	3/4	637.42	3/4	346.40	3/4	79.01	3/4	3/4	3/4	3/4	3/4	3/4
7	1,939.23	7	1,607.44	7	1,275.65	7	944.80	7	631.12	7	340.60	7	73.70	7	7	7	7	7	7
1/4	1,932.32	1/4	1,600.53	1/4	1,268.74	1/4	938.02	1/4	624.83	1/4	334.79	1/4	68.39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,925.41	1/2	1,593.62	1/2	1,261.83	1/2	931.25	1/2	618.53	1/2	328.99	1/2	63.08	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,918.50	3/4	1,586.70	3/4	1,254.91	3/4	924.52	3/4	612.27	3/4	323.22	3/4	57.81	3/4	3/4	3/4	3/4	3/4	3/4
8	1,911.58	8	1,579.79	8	1,248.00	8	917.78	8	606.01	8	317.45	8	52.53	8	8	8	8	8	8
1/4	1,904.67	1/4	1,572.88	1/4	1,241.09	1/4	911.05	1/4	599.75	1/4	311.69	1/4	47.26	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,897.76	1/2	1,565.97	1/2	1,234.18	1/2	904.31	1/2	593.49	1/2	305.92	1/2	41.99	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,890.85	3/4	1,559.06	3/4	1,227.27	3/4	897.62	3/4	587.28	3/4	300.20	3/4	37.63	3/4	3/4	3/4	3/4	3/4	3/4
9	1,883.93	9	1,552.14	9	1,220.35	9	890.93	9	581.06	9	294.47	9	33.26	9	9	9	9	9	9
1/4	1,877.02	1/4	1,545.23	1/4	1,213.44	1/4	884.23	1/4	574.85	1/4	288.75	1/4	28.90	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,870.11	1/2	1,538.32	1/2	1,206.53	1/2	877.54	1/2	568.63	1/2	283.03	1/2	24.54	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,863.20	3/4	1,531.41	3/4	1,199.62	3/4	870.89	3/4	562.45	3/4	277.34	3/4	21.94	3/4	3/4	3/4	3/4	3/4	3/4
10	1,856.28	10	1,524.49	10	1,192.70	10	864.24	10	556.28	10	271.65	10	19.34	10	10	10	10	10	10
1/4	1,849.37	1/4	1,517.58	1/4	1,185.79	1/4	857.58	1/4	550.10	1/4	265.97	1/4	16.74	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,842.46	1/2	1,510.67	1/2	1,178.88	1/2	850.93	1/2	543.92	1/2	260.28	1/2	14.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,835.55	3/4	1,503.76	3/4	1,171.97	3/4	844.32	3/4	537.79	3/4	254.64	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,828.64	11	1,496.84	11	1,165.05	11	837.71	11	531.66	11	249.00	11		11	11	11	11	11	11
1/4	1,821.72	1/4	1,489.93	1/4	1,158.14	1/4	831.10	1/4	525.52	1/4	243.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,814.81	1/2	1,483.02	1/2	1,151.23	1/2	824.49	1/2	519.39	1/2	237.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,807.90	3/4	1,476.11	3/4	1,144.32	3/4	817.92	3/4	513.29	3/4	232.12	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2003 CL - SW
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 28027"

**1 STBD
ULLAGE TABLE**

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

GAUGE HEIGHT 16'-10 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,124.09	0	1,792.29	0	1,460.50	0	1,128.71	0	804.16	0	501.10	0	220.91	0		0		0	
1/4	2,117.17	1/4	1,785.38	1/4	1,453.59	1/4	1,121.80	1/4	797.62	1/4	495.00	1/4	215.30	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,110.26	1/2	1,778.47	1/2	1,446.68	1/2	1,114.89	1/2	791.13	1/2	488.95	1/2	209.74	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,103.35	3/4	1,771.56	3/4	1,439.77	3/4	1,107.98	3/4	784.64	3/4	482.90	3/4	204.18	3/4	3/4	3/4	3/4	3/4	3/4
1	2,096.44	1	1,764.65	1	1,432.86	1	1,101.06	1	778.15	1	476.85	1	198.63	1		1		1	
1/4	2,089.52	1/4	1,757.73	1/4	1,425.94	1/4	1,094.15	1/4	771.66	1/4	470.79	1/4	193.07	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,082.61	1/2	1,750.82	1/2	1,419.03	1/2	1,087.24	1/2	765.21	1/2	464.78	1/2	187.55	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,075.70	3/4	1,743.91	3/4	1,412.12	3/4	1,080.33	3/4	758.76	3/4	458.77	3/4	182.02	3/4	3/4	3/4	3/4	3/4	3/4
2	2,068.79	2	1,737.00	2	1,405.21	2	1,073.42	2	752.31	2	452.76	2	176.50	2		2		2	
1/4	2,061.87	1/4	1,730.08	1/4	1,398.29	1/4	1,066.51	1/4	745.86	1/4	446.75	1/4	170.98	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,054.96	1/2	1,723.17	1/2	1,391.38	1/2	1,059.61	1/2	739.44	1/2	440.78	1/2	165.50	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,048.05	3/4	1,716.26	3/4	1,384.47	3/4	1,052.70	3/4	733.01	3/4	434.81	3/4	160.03	3/4	3/4	3/4	3/4	3/4	3/4
3	2,041.14	3	1,709.35	3	1,377.56	3	1,045.80	3	726.59	3	428.84	3	154.55	3		3		3	
1/4	2,034.23	1/4	1,702.44	1/4	1,370.64	1/4	1,038.90	1/4	720.16	1/4	422.87	1/4	149.07	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,027.31	1/2	1,695.52	1/2	1,363.73	1/2	1,032.01	1/2	713.77	1/2	416.94	1/2	143.63	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,020.40	3/4	1,688.61	3/4	1,356.82	3/4	1,025.12	3/4	707.37	3/4	411.01	3/4	138.19	3/4	3/4	3/4	3/4	3/4	3/4
4	2,013.49	4	1,681.70	4	1,349.91	4	1,018.23	4	700.98	4	405.07	4	132.75	4		4		4	
1/4	2,006.58	1/4	1,674.79	1/4	1,343.00	1/4	1,011.35	1/4	694.59	1/4	399.14	1/4	127.31	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,999.66	1/2	1,667.87	1/2	1,336.08	1/2	1,004.51	1/2	688.21	1/2	393.26	1/2	121.92	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,992.75	3/4	1,660.96	3/4	1,329.17	3/4	997.68	3/4	681.83	3/4	387.37	3/4	116.52	3/4	3/4	3/4	3/4	3/4	3/4
5	1,985.84	5	1,654.05	5	1,322.26	5	990.84	5	675.45	5	381.48	5	111.13	5		5		5	
1/4	1,978.93	1/4	1,647.14	1/4	1,315.35	1/4	984.01	1/4	669.07	1/4	375.60	1/4	105.74	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,972.01	1/2	1,640.22	1/2	1,308.43	1/2	977.22	1/2	662.73	1/2	369.75	1/2	100.38	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,965.10	3/4	1,633.31	3/4	1,301.52	3/4	970.42	3/4	656.39	3/4	363.90	3/4	95.03	3/4	3/4	3/4	3/4	3/4	3/4
6	1,958.19	6	1,626.40	6	1,294.61	6	963.63	6	650.05	6	358.05	6	89.67	6		6		6	
1/4	1,951.28	1/4	1,619.49	1/4	1,287.70	1/4	956.83	1/4	643.71	1/4	352.20	1/4	84.32	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,944.37	1/2	1,612.58	1/2	1,280.78	1/2	950.10	1/2	637.41	1/2	346.39	1/2	79.01	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,937.45	3/4	1,605.66	3/4	1,273.87	3/4	943.36	3/4	631.11	3/4	340.59	3/4	73.70	3/4	3/4	3/4	3/4	3/4	3/4
7	1,930.54	7	1,598.75	7	1,266.96	7	936.63	7	624.81	7	334.78	7	68.39	7		7		7	
1/4	1,923.63	1/4	1,591.84	1/4	1,260.05	1/4	929.89	1/4	618.52	1/4	328.98	1/4	63.08	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,916.72	1/2	1,584.93	1/2	1,253.14	1/2	923.19	1/2	612.26	1/2	323.21	1/2	57.80	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,909.80	3/4	1,578.01	3/4	1,246.22	3/4	916.50	3/4	606.00	3/4	317.45	3/4	52.53	3/4	3/4	3/4	3/4	3/4	3/4
8	1,902.89	8	1,571.10	8	1,239.31	8	909.80	8	599.74	8	311.68	8	47.26	8		8		8	
1/4	1,895.98	1/4	1,564.19	1/4	1,232.40	1/4	903.11	1/4	593.48	1/4	305.91	1/4	41.99	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,889.07	1/2	1,557.28	1/2	1,225.49	1/2	896.45	1/2	587.27	1/2	300.19	1/2	37.62	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,882.15	3/4	1,550.36	3/4	1,218.57	3/4	889.80	3/4	581.05	3/4	294.47	3/4	33.26	3/4	3/4	3/4	3/4	3/4	3/4
9	1,875.24	9	1,543.45	9	1,211.66	9	883.15	9	574.83	9	288.74	9	28.90	9		9		9	
1/4	1,868.33	1/4	1,536.54	1/4	1,204.75	1/4	876.49	1/4	568.62	1/4	283.02	1/4	24.53	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,861.42	1/2	1,529.63	1/2	1,197.84	1/2	869.88	1/2	562.44	1/2	277.33	1/2	21.94	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,854.51	3/4	1,522.72	3/4	1,190.92	3/4	863.26	3/4	556.27	3/4	271.65	3/4	19.34	3/4	3/4	3/4	3/4	3/4	3/4
10	1,847.59	10	1,515.80	10	1,184.01	10	856.65	10	550.09	10	265.96	10	16.74	10		10		10	
1/4	1,840.68	1/4	1,508.89	1/4	1,177.10	1/4	850.04	1/4	543.91	1/4	260.28	1/4	14.15	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,833.77	1/2	1,501.98	1/2	1,170.19	1/2	843.47	1/2	537.78	1/2	254.64	1/2	12.54	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,826.86	3/4	1,495.07	3/4	1,163.28	3/4	836.89	3/4	531.65	3/4	249.00	3/4	10.93	3/4	3/4	3/4	3/4	3/4	3/4
11	1,819.94	11	1,488.15	11	1,156.36	11	830.32	11	525.51	11	243.36	11	9.32	11		11		11	
1/4	1,813.03	1/4	1,481.24	1/4	1,149.45	1/4	823.75	1/4	519.38	1/4	237.72	1/4	7.71	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,806.12	1/2	1,474.33	1/2	1,142.54	1/2	817.22	1/2	513.28	1/2	232.11	1/2	6.10	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,799.21	3/4	1,467.42	3/4	1,135.63	3/4	810.69	3/4	507.19	3/4	226.51	3/4	4.49	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2003 CL - SW
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 28027"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 1/2"

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		0		0		0		0		0		0	
						5,268.62		4,918.68		4,573.21		4,209.52		3,830.00		3,442.11		3,054.19	
1/4	1/4	1/4	1/4	1/4	1/4	5,262.55	1/4	4,911.67	1/4	4,565.80	1/4	4,201.78	1/4	3,821.93	1/4	3,434.02	1/4	3,046.11	
1/2	1/2	1/2	1/2	1/2	1/2	5,256.49	1/2	4,904.65	1/2	4,558.38	1/2	4,194.04	1/2	3,813.86	1/2	3,425.94	1/2	3,038.03	
3/4	3/4	3/4	3/4	3/4	3/4	5,248.41	3/4	4,897.61	3/4	4,550.94	3/4	4,186.27	3/4	3,805.78	3/4	3,417.86	3/4	3,029.94	
1		1		1		5,240.32		4,890.56		4,543.50		4,178.51		3,797.70		3,409.78		3,021.86	
1/4	1/4	1/4	1/4	1/4	1/4	5,232.24	1/4	4,883.52	1/4	4,536.06	1/4	4,170.74	1/4	3,789.62	1/4	3,401.70	1/4	3,013.77	
1/2	1/2	1/2	1/2	1/2	1/2	5,224.16	1/2	4,876.48	1/2	4,528.62	1/2	4,162.97	1/2	3,781.53	1/2	3,393.62	1/2	3,005.69	
3/4	3/4	3/4	3/4	3/4	3/4	5,216.07	3/4	4,869.41	3/4	4,521.16	3/4	4,155.17	3/4	3,773.45	3/4	3,385.54	3/4	2,997.61	
2		2		2		5,207.99		4,862.34		4,513.69		4,147.37		3,765.37		3,377.45		2,989.52	
1/4	1/4	1/4	1/4	1/4	1/4	5,199.90	1/4	4,855.28	1/4	4,506.23	1/4	4,139.57	1/4	3,757.29	1/4	3,369.37	1/4	2,981.44	
1/2	1/2	1/2	1/2	1/2	1/2	5,191.82	1/2	4,848.21	1/2	4,498.76	1/2	4,131.77	1/2	3,749.21	1/2	3,361.29	1/2	2,973.36	
3/4	3/4	3/4	3/4	3/4	3/4	5,183.74	3/4	4,841.12	3/4	4,491.26	3/4	4,123.95	3/4	3,741.13	3/4	3,353.21	3/4	2,965.27	
3		3		3		5,175.65		4,834.03		4,483.77		4,116.13		3,733.04		3,345.13		2,957.19	
1/4	1/4	1/4	1/4	1/4	1/4	5,167.57	1/4	4,826.94	1/4	4,476.27	1/4	4,108.30	1/4	3,724.96	1/4	3,337.05	1/4	2,949.10	
1/2	1/2	1/2	1/2	1/2	1/2	5,159.48	1/2	4,819.84	1/2	4,468.77	1/2	4,100.48	1/2	3,716.88	1/2	3,328.96	1/2	2,941.02	
3/4	3/4	3/4	3/4	3/4	3/4	5,151.40	3/4	4,812.72	3/4	4,461.25	3/4	4,092.63	3/4	3,708.80	3/4	3,320.88	3/4	2,932.94	
4		4		4		5,143.32		4,805.59		4,453.73		4,084.78		3,700.72		3,312.80		2,924.85	
1/4	1/4	1/4	1/4	1/4	1/4	5,135.23	1/4	4,798.47	1/4	4,446.21	1/4	4,076.93	1/4	3,692.64	1/4	3,304.72	1/4	2,916.77	
1/2	1/2	1/2	1/2	1/2	1/2	5,127.15	1/2	4,791.34	1/2	4,438.69	1/2	4,069.09	1/2	3,684.55	1/2	3,296.64	1/2	2,908.68	
3/4	3/4	3/4	3/4	3/4	3/4	5,120.25	3/4	4,784.20	3/4	4,431.14	3/4	4,061.21	3/4	3,676.47	3/4	3,288.56	3/4	2,900.60	
5		5		5		5,113.36		4,777.05		4,423.59		4,053.33		3,668.39		3,280.47		2,892.52	
1/4	1/4	1/4	1/4	1/4	1/4	5,106.46	1/4	4,769.90	1/4	4,416.05	1/4	4,045.45	1/4	3,660.31	1/4	3,272.39	1/4	2,884.43	
1/2	1/2	1/2	1/2	1/2	1/2	5,099.56	1/2	4,762.75	1/2	4,408.50	1/2	4,037.56	1/2	3,652.23	1/2	3,264.31	1/2	2,876.35	
3/4	3/4	3/4	3/4	3/4	3/4	5,092.64	3/4	4,755.58	3/4	4,400.92	3/4	4,029.66	3/4	3,644.15	3/4	3,256.23	3/4	2,868.26	
6		6		6		5,085.72		4,748.40		4,393.34		4,021.75		3,636.06		3,248.15		2,860.18	
1/4	1/4	1/4	1/4	1/4	1/4	5,078.80	1/4	4,741.23	1/4	4,385.76	1/4	4,013.85	1/4	3,627.98	1/4	3,240.07	1/4	2,852.10	
1/2	1/2	1/2	1/2	1/2	1/2	5,071.88	1/2	4,734.06	1/2	4,378.19	1/2	4,005.94	1/2	3,619.90	1/2	3,231.98	1/2	2,844.01	
3/4	3/4	3/4	3/4	3/4	3/4	5,064.94	3/4	4,726.85	3/4	4,370.58	3/4	3,998.00	3/4	3,611.82	3/4	3,223.90	3/4	2,835.93	
7		7		7		5,057.99		4,719.65		4,362.98		3,990.06		3,603.74		3,215.82		2,827.85	
1/4	1/4	1/4	1/4	1/4	1/4	5,051.05	1/4	4,712.44	1/4	4,355.38	1/4	3,982.12	1/4	3,595.66	1/4	3,207.74	1/4	2,819.76	
1/2	1/2	1/2	1/2	1/2	1/2	5,044.10	1/2	4,705.24	1/2	4,347.77	1/2	3,974.18	1/2	3,587.58	1/2	3,199.66	1/2	2,811.68	
3/4	3/4	3/4	3/4	3/4	3/4	5,037.13	3/4	4,698.01	3/4	4,340.14	3/4	3,966.22	3/4	3,579.49	3/4	3,191.58	3/4	2,803.59	
8		8		8		5,030.15		4,690.78		4,332.52		3,958.26		3,571.41		3,183.50		2,795.51	
1/4	1/4	1/4	1/4	1/4	1/4	5,023.17	1/4	4,683.55	1/4	4,324.89	1/4	3,950.30	1/4	3,563.33	1/4	3,175.41	1/4	2,787.43	
1/2	1/2	1/2	1/2	1/2	1/2	5,016.20	1/2	4,676.32	1/2	4,317.26	1/2	3,942.34	1/2	3,555.25	1/2	3,167.33	1/2	2,779.34	
3/4	3/4	3/4	3/4	3/4	3/4	5,009.27	3/4	4,668.99	3/4	4,309.60	3/4	3,934.35	3/4	3,547.17	3/4	3,159.25	3/4	2,771.26	
9		9		9		5,002.34		4,661.66		4,301.94		3,926.36		3,539.09		3,151.17		2,763.17	
1/4	1/4	1/4	1/4	1/4	1/4	4,995.41	1/4	4,654.34	1/4	4,294.28	1/4	3,918.38	1/4	3,531.00	1/4	3,143.09	1/4	2,755.09	
1/2	1/2	1/2	1/2	1/2	1/2	4,988.47	1/2	4,647.01	1/2	4,286.62	1/2	3,910.39	1/2	3,522.92	1/2	3,135.01	1/2	2,747.01	
3/4	3/4	3/4	3/4	3/4	3/4	4,981.52	3/4	4,639.65	3/4	4,278.94	3/4	3,902.37	3/4	3,514.84	3/4	3,126.92	3/4	2,738.92	
10		10		10		4,974.56		4,632.29		4,271.25		3,894.35		3,506.76		3,118.84		2,730.84	
1/4	1/4	1/4	1/4	1/4	1/4	4,967.61	1/4	4,624.94	1/4	4,263.57	1/4	3,886.33	1/4	3,498.68	1/4	3,110.76	1/4	2,722.75	
1/2	1/2	1/2	1/2	1/2	1/2	4,960.65	1/2	4,617.58	1/2	4,255.88	1/2	3,878.30	1/2	3,490.60	1/2	3,102.68	1/2	2,714.67	
3/4	3/4	3/4	3/4	3/4	3/4	4,953.66	3/4	4,610.20	3/4	4,248.16	3/4	3,870.26	3/4	3,482.51	3/4	3,094.60	3/4	2,706.59	
11		11		11		4,946.68		4,602.81		4,240.44		3,862.22		3,474.43		3,086.52		2,698.50	
1/4	1/4	1/4	1/4	1/4	1/4	4,939.69	1/4	4,595.43	1/4	4,232.72	1/4	3,854.17	1/4	3,466.35	1/4	3,078.43	1/4	2,690.42	
1/2	1/2	1/2	1/2	1/2	1/2	4,932.70	1/2	4,588.05	1/2	4,225.00	1/2	3,846.13	1/2	3,458.27	1/2	3,070.35	1/2	2,682.33	
3/4	3/4	3/4	3/4	3/4	3/4	4,925.69	3/4	4,580.63	3/4	4,217.26	3/4	3,838.06	3/4	3,450.19	3/4	3,062.27	3/4	2,674.25	

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'-08" OFF CENTERLINE AND 43'-07" 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 28027"

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	2,666.17	0	2,278.14	0	1,890.11	0	1,502.09	0	1,114.06	0	726.52	0	339.09	0		0		0	
1/4	2,658.08	1/4	2,270.06	1/4	1,882.03	1/4	1,494.00	1/4	1,105.97	1/4	718.46	1/4	331.02	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,650.00	1/2	2,261.97	1/2	1,873.94	1/2	1,485.92	1/2	1,097.89	1/2	710.40	1/2	322.94	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,641.92	3/4	2,253.89	3/4	1,865.86	3/4	1,477.83	3/4	1,089.81	3/4	702.34	3/4	314.87	3/4	3/4	3/4	3/4	3/4	3/4
1	2,633.83	1	2,245.80	1	1,857.78	1	1,469.75	1	1,081.72	1	694.28	1	306.79	1	1	1	1	1	1
1/4	2,625.75	1/4	2,237.72	1/4	1,849.69	1/4	1,461.67	1/4	1,073.64	1/4	686.22	1/4	298.72	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,617.66	1/2	2,229.64	1/2	1,841.61	1/2	1,453.58	1/2	1,065.55	1/2	678.16	1/2	290.64	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,609.58	3/4	2,221.55	3/4	1,833.53	3/4	1,445.50	3/4	1,057.47	3/4	670.10	3/4	282.57	3/4	3/4	3/4	3/4	3/4	3/4
2	2,601.50	2	2,213.47	2	1,825.44	2	1,437.41	2	1,049.39	2	662.04	2	274.49	2	2	2	2	2	2
1/4	2,593.41	1/4	2,205.38	1/4	1,817.36	1/4	1,429.33	1/4	1,041.30	1/4	653.98	1/4	266.42	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,585.33	1/2	2,197.30	1/2	1,809.27	1/2	1,421.25	1/2	1,033.22	1/2	645.92	1/2	258.34	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,577.24	3/4	2,189.22	3/4	1,801.19	3/4	1,413.16	3/4	1,025.14	3/4	637.86	3/4	250.27	3/4	3/4	3/4	3/4	3/4	3/4
3	2,569.16	3	2,181.13	3	1,793.11	3	1,405.08	3	1,017.05	3	629.79	3	242.19	3	3	3	3	3	3
1/4	2,561.08	1/4	2,173.05	1/4	1,785.02	1/4	1,396.99	1/4	1,008.97	1/4	621.72	1/4	234.12	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,552.99	1/2	2,164.97	1/2	1,776.94	1/2	1,388.91	1/2	1,000.88	1/2	613.65	1/2	226.04	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,544.91	3/4	2,156.88	3/4	1,768.85	3/4	1,380.83	3/4	992.80	3/4	605.57	3/4	217.96	3/4	3/4	3/4	3/4	3/4	3/4
4	2,536.82	4	2,148.80	4	1,760.77	4	1,372.74	4	984.72	4	597.50	4	209.89	4	4	4	4	4	4
1/4	2,528.74	1/4	2,140.71	1/4	1,752.69	1/4	1,364.66	1/4	976.63	1/4	589.42	1/4	201.81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,520.66	1/2	2,132.63	1/2	1,744.60	1/2	1,356.58	1/2	968.55	1/2	581.35	1/2	193.74	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,512.57	3/4	2,124.55	3/4	1,736.52	3/4	1,348.49	3/4	960.46	3/4	573.27	3/4	185.66	3/4	3/4	3/4	3/4	3/4	3/4
5	2,504.49	5	2,116.46	5	1,728.43	5	1,340.41	5	952.38	5	565.20	5	177.59	5	5	5	5	5	5
1/4	2,496.41	1/4	2,108.38	1/4	1,720.35	1/4	1,332.32	1/4	944.30	1/4	557.12	1/4	169.51	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,488.32	1/2	2,100.29	1/2	1,712.27	1/2	1,324.24	1/2	936.21	1/2	549.05	1/2	161.44	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,480.24	3/4	2,092.21	3/4	1,704.18	3/4	1,316.16	3/4	928.13	3/4	540.97	3/4	153.36	3/4	3/4	3/4	3/4	3/4	3/4
6	2,472.15	6	2,084.13	6	1,696.10	6	1,308.07	6	920.04	6	532.90	6	145.29	6	6	6	6	6	6
1/4	2,464.07	1/4	2,076.04	1/4	1,688.02	1/4	1,299.99	1/4	911.96	1/4	524.82	1/4	137.21	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,455.99	1/2	2,067.96	1/2	1,679.93	1/2	1,291.90	1/2	903.88	1/2	516.75	1/2	129.14	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,447.90	3/4	2,059.87	3/4	1,671.85	3/4	1,283.82	3/4	895.81	3/4	508.67	3/4	121.06	3/4	3/4	3/4	3/4	3/4	3/4
7	2,439.82	7	2,051.79	7	1,663.76	7	1,275.74	7	887.73	7	500.60	7	112.99	7	7	7	7	7	7
1/4	2,431.73	1/4	2,043.71	1/4	1,655.68	1/4	1,267.65	1/4	879.66	1/4	492.52	1/4	104.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,423.65	1/2	2,035.62	1/2	1,647.60	1/2	1,259.57	1/2	871.59	1/2	484.45	1/2	96.84	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,415.57	3/4	2,027.54	3/4	1,639.51	3/4	1,251.48	3/4	863.53	3/4	476.37	3/4	88.76	3/4	3/4	3/4	3/4	3/4	3/4
8	2,407.48	8	2,019.46	8	1,631.43	8	1,243.40	8	855.47	8	468.30	8	80.69	8	8	8	8	8	8
1/4	2,399.40	1/4	2,011.37	1/4	1,623.34	1/4	1,235.32	1/4	847.41	1/4	460.22	1/4	72.61	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,391.31	1/2	2,003.29	1/2	1,615.26	1/2	1,227.23	1/2	839.35	1/2	452.15	1/2	64.54	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,383.23	3/4	1,995.20	3/4	1,607.18	3/4	1,219.15	3/4	831.29	3/4	444.07	3/4	57.47	3/4	3/4	3/4	3/4	3/4	3/4
9	2,375.15	9	1,987.12	9	1,599.09	9	1,211.07	9	823.23	9	436.00	9	50.40	9	9	9	9	9	9
1/4	2,367.06	1/4	1,979.04	1/4	1,591.01	1/4	1,202.98	1/4	815.17	1/4	427.92	1/4	43.34	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,358.98	1/2	1,970.95	1/2	1,582.92	1/2	1,194.90	1/2	807.11	1/2	419.84	1/2	36.27	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,350.90	3/4	1,962.87	3/4	1,574.84	3/4	1,186.81	3/4	799.05	3/4	411.77	3/4	31.23	3/4	3/4	3/4	3/4	3/4	3/4
10	2,342.81	10	1,954.78	10	1,566.76	10	1,178.73	10	791.00	10	403.69	10	26.19	10	10	10	10	10	10
1/4	2,334.73	1/4	1,946.70	1/4	1,558.67	1/4	1,170.65	1/4	782.94	1/4	395.62	1/4	21.14	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,326.64	1/2	1,938.62	1/2	1,550.59	1/2	1,162.56	1/2	774.88	1/2	387.54	1/2	16.10	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,318.56	3/4	1,930.53	3/4	1,542.51	3/4	1,154.48	3/4	766.82	3/4	379.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,310.48	11	1,922.45	11	1,534.42	11	1,146.39	11	758.76	11	371.39	11		11	11	11	11	11	11
1/4	2,302.39	1/4	1,914.36	1/4	1,526.34	1/4	1,138.31	1/4	750.70	1/4	363.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,294.31	1/2	1,906.28	1/2	1,518.25	1/2	1,130.23	1/2	742.64	1/2	355.24	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,286.22	3/4	1,898.20	3/4	1,510.17	3/4	1,122.14	3/4	734.58	3/4	347.17	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2003 CL - SW
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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





BARGE "KIRBY 28027"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-08" OFF CENTERLINE AND 43'-07" 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 28027"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 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	2,655.26	0	2,267.12	0	1,878.98	0	1,490.84	0	1,106.25	0	729.25	0	347.99	0		0		0	
1/4	2,647.18	1/4	2,259.03	1/4	1,870.89	1/4	1,482.75	1/4	1,098.29	1/4	721.50	1/4	339.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,639.09	1/2	2,250.95	1/2	1,862.81	1/2	1,474.66	1/2	1,090.32	1/2	713.75	1/2	331.82	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,631.00	3/4	2,242.86	3/4	1,854.72	3/4	1,466.58	3/4	1,082.36	3/4	706.00	3/4	323.73	3/4	3/4	3/4	3/4	3/4	3/4
1	2,622.92	1	2,234.78	1	1,846.63	1	1,458.49	1	1,074.39	1	698.25	1	315.65	1	1	1	1	1	1
1/4	2,614.83	1/4	2,226.69	1/4	1,838.55	1/4	1,450.40	1/4	1,066.43	1/4	690.50	1/4	307.56	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,606.75	1/2	2,218.60	1/2	1,830.46	1/2	1,442.32	1/2	1,058.47	1/2	682.75	1/2	299.48	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,598.66	3/4	2,210.52	3/4	1,822.37	3/4	1,434.23	3/4	1,050.50	3/4	675.00	3/4	291.39	3/4	3/4	3/4	3/4	3/4	3/4
2	2,590.57	2	2,202.43	2	1,814.29	2	1,426.15	2	1,042.54	2	667.25	2	283.31	2	2	2	2	2	2
1/4	2,582.49	1/4	2,194.34	1/4	1,806.20	1/4	1,418.06	1/4	1,034.58	1/4	659.50	1/4	275.22	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,574.40	1/2	2,186.26	1/2	1,798.12	1/2	1,409.97	1/2	1,026.61	1/2	651.75	1/2	267.14	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,566.31	3/4	2,178.17	3/4	1,790.03	3/4	1,401.89	3/4	1,018.65	3/4	643.99	3/4	259.05	3/4	3/4	3/4	3/4	3/4	3/4
3	2,558.23	3	2,170.09	3	1,781.94	3	1,393.80	3	1,010.68	3	636.23	3	250.97	3	3	3	3	3	3
1/4	2,550.14	1/4	2,162.00	1/4	1,773.86	1/4	1,385.71	1/4	1,002.72	1/4	628.47	1/4	242.88	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,542.06	1/2	2,153.91	1/2	1,765.77	1/2	1,377.63	1/2	994.76	1/2	620.71	1/2	234.79	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,533.97	3/4	2,145.83	3/4	1,757.68	3/4	1,369.54	3/4	986.79	3/4	612.95	3/4	226.71	3/4	3/4	3/4	3/4	3/4	3/4
4	2,525.88	4	2,137.74	4	1,749.60	4	1,361.46	4	978.83	4	605.18	4	218.62	4	4	4	4	4	4
1/4	2,517.80	1/4	2,129.65	1/4	1,741.51	1/4	1,353.37	1/4	970.87	1/4	597.40	1/4	210.54	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,509.71	1/2	2,121.57	1/2	1,733.43	1/2	1,345.28	1/2	962.90	1/2	589.63	1/2	202.45	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,501.62	3/4	2,113.48	3/4	1,725.34	3/4	1,337.20	3/4	954.94	3/4	581.85	3/4	194.37	3/4	3/4	3/4	3/4	3/4	3/4
5	2,493.54	5	2,105.39	5	1,717.25	5	1,329.23	5	947.00	5	573.92	5	186.28	5	5	5	5	5	5
1/4	2,485.45	1/4	2,097.31	1/4	1,709.17	1/4	1,321.27	1/4	939.07	1/4	565.99	1/4	178.20	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,477.36	1/2	2,089.22	1/2	1,701.08	1/2	1,313.31	1/2	931.14	1/2	558.06	1/2	170.11	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,469.28	3/4	2,081.14	3/4	1,692.99	3/4	1,305.34	3/4	923.20	3/4	550.13	3/4	162.03	3/4	3/4	3/4	3/4	3/4	3/4
6	2,461.19	6	2,073.05	6	1,684.91	6	1,297.38	6	915.43	6	542.04	6	153.94	6	6	6	6	6	6
1/4	2,453.11	1/4	2,064.96	1/4	1,676.82	1/4	1,289.41	1/4	907.65	1/4	533.95	1/4	145.86	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,445.02	1/2	2,056.88	1/2	1,668.73	1/2	1,281.45	1/2	899.87	1/2	525.87	1/2	137.77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,436.93	3/4	2,048.79	3/4	1,660.65	3/4	1,273.49	3/4	892.10	3/4	517.78	3/4	129.68	3/4	3/4	3/4	3/4	3/4	3/4
7	2,428.85	7	2,040.70	7	1,652.56	7	1,265.52	7	884.33	7	509.70	7	121.60	7	7	7	7	7	7
1/4	2,420.76	1/4	2,032.62	1/4	1,644.48	1/4	1,257.56	1/4	876.57	1/4	501.61	1/4	113.51	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,412.67	1/2	2,024.53	1/2	1,636.39	1/2	1,249.60	1/2	868.81	1/2	493.53	1/2	105.43	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,404.59	3/4	2,016.45	3/4	1,628.30	3/4	1,241.63	3/4	861.04	3/4	485.44	3/4	97.34	3/4	3/4	3/4	3/4	3/4	3/4
8	2,396.50	8	2,008.36	8	1,620.22	8	1,233.67	8	853.29	8	477.36	8	89.26	8	8	8	8	8	8
1/4	2,388.42	1/4	2,000.27	1/4	1,612.13	1/4	1,225.70	1/4	845.54	1/4	469.27	1/4	81.17	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,380.33	1/2	1,992.19	1/2	1,604.04	1/2	1,217.74	1/2	837.79	1/2	461.19	1/2	73.09	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,372.24	3/4	1,984.10	3/4	1,595.96	3/4	1,209.78	3/4	830.03	3/4	453.10	3/4	65.00	3/4	3/4	3/4	3/4	3/4	3/4
9	2,364.16	9	1,976.01	9	1,587.87	9	1,201.81	9	822.28	9	445.02	9	57.93	9	9	9	9	9	9
1/4	2,356.07	1/4	1,967.93	1/4	1,579.79	1/4	1,193.85	1/4	814.53	1/4	436.93	1/4	50.85	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,347.98	1/2	1,959.84	1/2	1,571.70	1/2	1,185.89	1/2	806.78	1/2	428.84	1/2	43.77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,339.90	3/4	1,951.76	3/4	1,563.61	3/4	1,177.92	3/4	799.02	3/4	420.76	3/4	36.70	3/4	3/4	3/4	3/4	3/4	3/4
10	2,331.81	10	1,943.67	10	1,555.53	10	1,169.96	10	791.27	10	412.67	10	31.64	10	10	10	10	10	10
1/4	2,323.72	1/4	1,935.58	1/4	1,547.44	1/4	1,161.99	1/4	783.52	1/4	404.59	1/4	26.59	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,315.64	1/2	1,927.50	1/2	1,539.35	1/2	1,154.03	1/2	775.77	1/2	396.50	1/2	21.54	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,307.55	3/4	1,919.41	3/4	1,531.27	3/4	1,146.07	3/4	768.02	3/4	388.42	3/4	16.48	3/4	3/4	3/4	3/4	3/4	3/4
11	2,299.47	11	1,911.32	11	1,523.18	11	1,138.10	11	760.26	11	380.33	11		11	11	11	11	11	11
1/4	2,291.38	1/4	1,903.24	1/4	1,515.09	1/4	1,130.14	1/4	752.51	1/4	372.25	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,283.29	1/2	1,895.15	1/2	1,507.01	1/2	1,122.18	1/2	744.76	1/2	364.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,275.21	3/4	1,887.06	3/4	1,498.92	3/4	1,114.21	3/4	737.01	3/4	356.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 04/28/2003 CL - SW
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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 28027"

3 PORT 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	4,619.90	0	4,353.97	0	4,091.30	0	3,815.40	0	3,527.48	0	3,199.29	0	2,838.40
1/4		1/4		1/4		1/4	4,615.30	1/4	4,348.64	1/4	4,085.67	1/4	3,809.53	1/4	3,521.37	1/4	3,191.77	1/4	2,830.88
1/2		1/2		1/2		1/2	4,609.94	1/2	4,343.29	1/2	4,080.04	1/2	3,803.65	1/2	3,515.24	1/2	3,184.25	1/2	2,823.37
3/4		3/4		3/4		3/4	4,603.81	3/4	4,337.93	3/4	4,074.40	3/4	3,797.76	3/4	3,509.12	3/4	3,176.73	3/4	2,815.85
1		1		1		1	4,597.68	1	4,332.57	1	4,068.76	1	3,791.87	1	3,502.99	1	3,169.21	1	2,808.33
1/4		1/4		1/4		1/4	4,591.55	1/4	4,327.22	1/4	4,063.12	1/4	3,785.98	1/4	3,496.86	1/4	3,161.70	1/4	2,800.81
1/2		1/2		1/2		1/2	4,585.42	1/2	4,321.85	1/2	4,057.47	1/2	3,780.08	1/2	3,490.73	1/2	3,154.18	1/2	2,793.29
3/4		3/4		3/4		3/4	4,579.29	3/4	4,316.47	3/4	4,051.81	3/4	3,774.16	3/4	3,484.60	3/4	3,146.66	3/4	2,785.77
2		2		2		2	4,573.16	2	4,311.10	2	4,046.15	2	3,768.25	2	3,478.47	2	3,139.14	2	2,778.25
1/4		1/4		1/4		1/4	4,567.03	1/4	4,305.72	1/4	4,040.48	1/4	3,762.33	1/4	3,472.35	1/4	3,131.62	1/4	2,770.73
1/2		1/2		1/2		1/2	4,560.90	1/2	4,300.34	1/2	4,034.81	1/2	3,756.41	1/2	3,466.22	1/2	3,124.10	1/2	2,763.21
3/4		3/4		3/4		3/4	4,554.77	3/4	4,294.95	3/4	4,029.13	3/4	3,750.48	3/4	3,460.09	3/4	3,116.58	3/4	2,755.69
3		3		3		3	4,548.64	3	4,289.55	3	4,023.44	3	3,744.55	3	3,453.96	3	3,109.07	3	2,748.17
1/4		1/4		1/4		1/4	4,542.52	1/4	4,284.16	1/4	4,017.76	1/4	3,738.61	1/4	3,447.83	1/4	3,101.55	1/4	2,740.65
1/2		1/2		1/2		1/2	4,536.39	1/2	4,278.75	1/2	4,012.06	1/2	3,732.67	1/2	3,441.64	1/2	3,094.03	1/2	2,733.13
3/4		3/4		3/4		3/4	4,530.26	3/4	4,273.33	3/4	4,006.36	3/4	3,726.72	3/4	3,435.37	3/4	3,086.51	3/4	2,725.61
4		4		4		4	4,524.13	4	4,267.91	4	4,000.66	4	3,720.77	4	3,429.10	4	3,078.99	4	2,718.09
1/4		1/4		1/4		1/4	4,518.00	1/4	4,262.49	1/4	3,994.95	1/4	3,714.82	1/4	3,422.84	1/4	3,071.47	1/4	2,710.57
1/2		1/2		1/2		1/2	4,512.32	1/2	4,257.06	1/2	3,989.24	1/2	3,708.85	1/2	3,416.43	1/2	3,063.95	1/2	2,703.05
3/4		3/4		3/4		3/4	4,507.09	3/4	4,251.63	3/4	3,983.52	3/4	3,702.88	3/4	3,409.88	3/4	3,056.44	3/4	2,695.53
5		5		5		5	4,501.86	5	4,246.19	5	3,977.79	5	3,696.90	5	3,403.34	5	3,048.92	5	2,688.01
1/4		1/4		1/4		1/4	4,496.63	1/4	4,240.75	1/4	3,972.07	1/4	3,690.93	1/4	3,396.79	1/4	3,041.40	1/4	2,680.49
1/2		1/2		1/2		1/2	4,491.40	1/2	4,235.31	1/2	3,966.34	1/2	3,684.94	1/2	3,390.11	1/2	3,033.88	1/2	2,672.97
3/4		3/4		3/4		3/4	4,486.15	3/4	4,229.85	3/4	3,960.59	3/4	3,678.95	3/4	3,383.29	3/4	3,026.36	3/4	2,665.45
6		6		6		6	4,480.90	6	4,224.39	6	3,954.84	6	3,672.95	6	3,376.46	6	3,018.84	6	2,657.93
1/4		1/4		1/4		1/4	4,475.66	1/4	4,218.94	1/4	3,949.10	1/4	3,666.96	1/4	3,369.64	1/4	3,011.32	1/4	2,650.41
1/2		1/2		1/2		1/2	4,470.40	1/2	4,213.47	1/2	3,943.34	1/2	3,660.95	1/2	3,362.68	1/2	3,003.81	1/2	2,642.89
3/4		3/4		3/4		3/4	4,465.13	3/4	4,207.99	3/4	3,937.58	3/4	3,654.93	3/4	3,355.58	3/4	2,996.29	3/4	2,635.37
7		7		7		7	4,459.87	7	4,202.51	7	3,931.81	7	3,648.91	7	3,348.47	7	2,988.77	7	2,627.85
1/4		1/4		1/4		1/4	4,454.60	1/4	4,197.03	1/4	3,926.05	1/4	3,642.89	1/4	3,341.37	1/4	2,981.25	1/4	2,620.33
1/2		1/2		1/2		1/2	4,449.32	1/2	4,191.54	1/2	3,920.27	1/2	3,636.86	1/2	3,334.13	1/2	2,973.73	1/2	2,612.81
3/4		3/4		3/4		3/4	4,444.03	3/4	4,186.04	3/4	3,914.49	3/4	3,630.82	3/4	3,326.75	3/4	2,966.21	3/4	2,605.29
8		8		8		8	4,438.74	8	4,180.54	8	3,908.70	8	3,624.79	8	3,319.37	8	2,958.69	8	2,597.77
1/4		1/4		1/4		1/4	4,433.46	1/4	4,175.04	1/4	3,902.92	1/4	3,618.75	1/4	3,312.00	1/4	2,951.18	1/4	2,590.25
1/2		1/2		1/2		1/2	4,428.17	1/2	4,169.51	1/2	3,897.12	1/2	3,612.70	1/2	3,304.55	1/2	2,943.66	1/2	2,582.73
3/4		3/4		3/4		3/4	4,422.90	3/4	4,163.96	3/4	3,891.31	3/4	3,606.65	3/4	3,297.03	3/4	2,936.14	3/4	2,575.21
9		9		9		9	4,417.63	9	4,158.40	9	3,885.51	9	3,600.59	9	3,289.51	9	2,928.62	9	2,567.69
1/4		1/4		1/4		1/4	4,412.36	1/4	4,152.85	1/4	3,879.70	1/4	3,594.53	1/4	3,281.99	1/4	2,921.10	1/4	2,560.17
1/2		1/2		1/2		1/2	4,407.08	1/2	4,147.28	1/2	3,873.88	1/2	3,588.46	1/2	3,274.48	1/2	2,913.58	1/2	2,552.65
3/4		3/4		3/4		3/4	4,401.79	3/4	4,141.70	3/4	3,868.05	3/4	3,582.38	3/4	3,266.96	3/4	2,906.06	3/4	2,545.13
10		10		10		10	4,396.50	10	4,136.12	10	3,862.23	10	3,576.30	10	3,259.44	10	2,898.55	10	2,537.61
1/4		1/4		1/4		1/4	4,391.21	1/4	4,130.54	1/4	3,856.40	1/4	3,570.22	1/4	3,251.92	1/4	2,891.03	1/4	2,530.09
1/2		1/2		1/2		1/2	4,385.90	1/2	4,124.95	1/2	3,850.56	1/2	3,564.13	1/2	3,244.40	1/2	2,883.51	1/2	2,522.57
3/4		3/4		3/4		3/4	4,380.59	3/4	4,119.35	3/4	3,844.70	3/4	3,558.03	3/4	3,236.88	3/4	2,875.99	3/4	2,515.05
11		11		11		11	4,375.28	11	4,113.76	11	3,838.85	11	3,551.93	11	3,229.36	11	2,868.47	11	2,507.53
1/4		1/4		1/4		1/4	4,369.96	1/4	4,108.16	1/4	3,833.00	1/4	3,545.83	1/4	3,221.85	1/4	2,860.95	1/4	2,500.01
1/2		1/2		1/2		1/2	4,364.64	1/2	4,102.55	1/2	3,827.14	1/2	3,539.72	1/2	3,214.33	1/2	2,853.43	1/2	2,492.49
3/4		3/4		3/4		3/4	4,359.30	3/4	4,096.92	3/4	3,821.27	3/4	3,533.60	3/4	3,206.81	3/4	2,845.92	3/4	2,484.97

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'-08" OFF CENTERLINE AND 46'-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 28027"

3 PORT 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	2,477.45	0	2,116.49	0	1,755.53	0	1,394.57	0	1,033.87	0	673.46	0	312.51	0		0		0	
1/4	2,469.93	1/4	2,108.97	1/4	1,748.01	1/4	1,387.05	1/4	1,026.38	1/4	665.94	1/4	304.99	1/4		1/4		1/4	
1/2	2,462.41	1/2	2,101.45	1/2	1,740.49	1/2	1,379.53	1/2	1,018.88	1/2	658.42	1/2	297.47	1/2		1/2		1/2	
3/4	2,454.89	3/4	2,093.93	3/4	1,732.97	3/4	1,372.01	3/4	1,011.39	3/4	650.90	3/4	289.95	3/4		3/4		3/4	
1	2,447.37	1	2,086.41	1	1,725.45	1	1,364.49	1	1,003.89	1	643.38	1	282.43	1		1		1	
1/4	2,439.85	1/4	2,078.89	1/4	1,717.93	1/4	1,356.97	1/4	996.40	1/4	635.86	1/4	274.91	1/4		1/4		1/4	
1/2	2,432.33	1/2	2,071.37	1/2	1,710.41	1/2	1,349.45	1/2	988.90	1/2	628.34	1/2	267.39	1/2		1/2		1/2	
3/4	2,424.81	3/4	2,063.85	3/4	1,702.89	3/4	1,341.93	3/4	981.41	3/4	620.82	3/4	259.88	3/4		3/4		3/4	
2	2,417.29	2	2,056.33	2	1,695.37	2	1,334.41	2	973.91	2	613.30	2	252.36	2		2		2	
1/4	2,409.77	1/4	2,048.81	1/4	1,687.85	1/4	1,326.89	1/4	966.41	1/4	605.78	1/4	244.84	1/4		1/4		1/4	
1/2	2,402.25	1/2	2,041.29	1/2	1,680.33	1/2	1,319.37	1/2	958.92	1/2	598.26	1/2	237.32	1/2		1/2		1/2	
3/4	2,394.73	3/4	2,033.77	3/4	1,672.81	3/4	1,311.85	3/4	951.42	3/4	590.74	3/4	229.80	3/4		3/4		3/4	
3	2,387.21	3	2,026.25	3	1,665.29	3	1,304.33	3	943.93	3	583.22	3	222.28	3		3		3	
1/4	2,379.69	1/4	2,018.73	1/4	1,657.77	1/4	1,296.81	1/4	936.43	1/4	575.70	1/4	214.76	1/4		1/4		1/4	
1/2	2,372.17	1/2	2,011.21	1/2	1,650.25	1/2	1,289.29	1/2	928.94	1/2	568.18	1/2	207.24	1/2		1/2		1/2	
3/4	2,364.65	3/4	2,003.69	3/4	1,642.73	3/4	1,281.77	3/4	921.44	3/4	560.66	3/4	199.72	3/4		3/4		3/4	
4	2,357.13	4	1,996.17	4	1,635.21	4	1,274.25	4	913.95	4	553.14	4	192.20	4		4		4	
1/4	2,349.61	1/4	1,988.65	1/4	1,627.69	1/4	1,266.73	1/4	906.45	1/4	545.62	1/4	184.68	1/4		1/4		1/4	
1/2	2,342.09	1/2	1,981.13	1/2	1,620.17	1/2	1,259.21	1/2	898.96	1/2	538.10	1/2	177.16	1/2		1/2		1/2	
3/4	2,334.57	3/4	1,973.61	3/4	1,612.65	3/4	1,251.69	3/4	891.46	3/4	530.58	3/4	169.64	3/4		3/4		3/4	
5	2,327.05	5	1,966.09	5	1,605.13	5	1,244.17	5	883.97	5	523.06	5	162.12	5		5		5	
1/4	2,319.53	1/4	1,958.57	1/4	1,597.61	1/4	1,236.65	1/4	876.47	1/4	515.54	1/4	154.60	1/4		1/4		1/4	
1/2	2,312.01	1/2	1,951.05	1/2	1,590.09	1/2	1,229.13	1/2	868.97	1/2	508.03	1/2	147.08	1/2		1/2		1/2	
3/4	2,304.49	3/4	1,943.53	3/4	1,582.57	3/4	1,221.61	3/4	861.45	3/4	500.51	3/4	139.56	3/4		3/4		3/4	
6	2,296.97	6	1,936.01	6	1,575.05	6	1,214.09	6	853.93	6	492.99	6	132.04	6		6		6	
1/4	2,289.45	1/4	1,928.49	1/4	1,567.53	1/4	1,206.57	1/4	846.41	1/4	485.47	1/4	124.52	1/4		1/4		1/4	
1/2	2,281.93	1/2	1,920.97	1/2	1,560.01	1/2	1,199.05	1/2	838.89	1/2	477.95	1/2	117.00	1/2		1/2		1/2	
3/4	2,274.41	3/4	1,913.45	3/4	1,552.49	3/4	1,191.53	3/4	831.37	3/4	470.43	3/4	109.48	3/4		3/4		3/4	
7	2,266.89	7	1,905.93	7	1,544.97	7	1,184.01	7	823.85	7	462.91	7	101.96	7		7		7	
1/4	2,259.37	1/4	1,898.41	1/4	1,537.45	1/4	1,176.49	1/4	816.33	1/4	455.39	1/4	94.44	1/4		1/4		1/4	
1/2	2,251.85	1/2	1,890.89	1/2	1,529.93	1/2	1,168.97	1/2	808.81	1/2	447.87	1/2	86.92	1/2		1/2		1/2	
3/4	2,244.33	3/4	1,883.37	3/4	1,522.41	3/4	1,161.45	3/4	801.29	3/4	440.35	3/4	79.40	3/4		3/4		3/4	
8	2,236.81	8	1,875.85	8	1,514.89	8	1,153.93	8	793.77	8	432.83	8	71.88	8		8		8	
1/4	2,229.29	1/4	1,868.33	1/4	1,507.37	1/4	1,146.41	1/4	786.25	1/4	425.31	1/4	64.36	1/4		1/4		1/4	
1/2	2,221.77	1/2	1,860.81	1/2	1,499.85	1/2	1,138.89	1/2	778.73	1/2	417.79	1/2	57.31	1/2		1/2		1/2	
3/4	2,214.25	3/4	1,853.29	3/4	1,492.33	3/4	1,131.37	3/4	771.21	3/4	410.27	3/4	50.73	3/4		3/4		3/4	
9	2,206.73	9	1,845.77	9	1,484.81	9	1,123.85	9	763.70	9	402.75	9	44.15	9		9		9	
1/4	2,199.21	1/4	1,838.25	1/4	1,477.29	1/4	1,116.33	1/4	756.18	1/4	395.23	1/4	37.57	1/4		1/4		1/4	
1/2	2,191.69	1/2	1,830.73	1/2	1,469.77	1/2	1,108.82	1/2	748.66	1/2	387.71	1/2	31.93	1/2		1/2		1/2	
3/4	2,184.17	3/4	1,823.21	3/4	1,462.25	3/4	1,101.33	3/4	741.14	3/4	380.19	3/4	27.23	3/4		3/4		3/4	
10	2,176.65	10	1,815.69	10	1,454.73	10	1,093.83	10	733.62	10	372.67	10	22.53	10		10		10	
1/4	2,169.13	1/4	1,808.17	1/4	1,447.21	1/4	1,086.34	1/4	726.10	1/4	365.15	1/4	17.83	1/4		1/4		1/4	
1/2	2,161.61	1/2	1,800.65	1/2	1,439.69	1/2	1,078.84	1/2	718.58	1/2	357.63	1/2	15.49	1/2		1/2		1/2	
3/4	2,154.09	3/4	1,793.13	3/4	1,432.17	3/4	1,071.35	3/4	711.06	3/4	350.11	3/4		3/4		3/4		3/4	
11	2,146.57	11	1,785.61	11	1,424.65	11	1,063.85	11	703.54	11	342.59	11		11		11		11	
1/4	2,139.05	1/4	1,778.09	1/4	1,417.13	1/4	1,056.36	1/4	696.02	1/4	335.07	1/4		1/4		1/4		1/4	
1/2	2,131.53	1/2	1,770.57	1/2	1,409.61	1/2	1,048.86	1/2	688.50	1/2	327.55	1/2		1/2		1/2		1/2	
3/4	2,124.01	3/4	1,763.05	3/4	1,402.09	3/4	1,041.37	3/4	680.98	3/4	320.03	3/4		3/4		3/4		3/4	

STRAPPED: 04/28/2003 CL - SW
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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 28027"

3 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	4,580.60	0	4,314.67	0	4,052.00	0	3,776.10	0	3,488.19	0	3,160.22	0	2,800.15
1/4		1/4		1/4		1/4	4,576.01	1/4	4,309.34	1/4	4,046.38	1/4	3,770.23	1/4	3,482.07	1/4	3,152.72	1/4	2,792.65
1/2		1/2		1/2		1/2	4,570.64	1/2	4,304.00	1/2	4,040.74	1/2	3,764.35	1/2	3,475.95	1/2	3,145.21	1/2	2,785.14
3/4		3/4		3/4		3/4	4,564.51	3/4	4,298.64	3/4	4,035.10	3/4	3,758.46	3/4	3,469.82	3/4	3,137.71	3/4	2,777.64
1		1		1		1	4,558.38	1	4,293.28	1	4,029.46	1	3,752.57	1	3,463.69	1	3,130.21	1	2,770.14
1/4		1/4		1/4		1/4	4,552.25	1/4	4,287.92	1/4	4,023.82	1/4	3,746.68	1/4	3,457.56	1/4	3,122.71	1/4	2,762.64
1/2		1/2		1/2		1/2	4,546.12	1/2	4,282.55	1/2	4,018.17	1/2	3,740.78	1/2	3,451.44	1/2	3,115.21	1/2	2,755.13
3/4		3/4		3/4		3/4	4,540.00	3/4	4,277.18	3/4	4,012.51	3/4	3,734.87	3/4	3,445.31	3/4	3,107.71	3/4	2,747.63
2		2		2		2	4,533.87	2	4,271.80	2	4,006.85	2	3,728.95	2	3,439.18	2	3,100.21	2	2,740.13
1/4		1/4		1/4		1/4	4,527.74	1/4	4,266.43	1/4	4,001.19	1/4	3,723.04	1/4	3,433.05	1/4	3,092.70	1/4	2,732.63
1/2		1/2		1/2		1/2	4,521.61	1/2	4,261.04	1/2	3,995.52	1/2	3,717.11	1/2	3,426.92	1/2	3,085.20	1/2	2,725.12
3/4		3/4		3/4		3/4	4,515.48	3/4	4,255.65	3/4	3,989.83	3/4	3,711.18	3/4	3,420.80	3/4	3,077.70	3/4	2,717.62
3		3		3		3	4,509.35	3	4,250.26	3	3,984.15	3	3,705.25	3	3,414.67	3	3,070.20	3	2,710.12
1/4		1/4		1/4		1/4	4,503.22	1/4	4,244.86	1/4	3,978.46	1/4	3,699.32	1/4	3,408.54	1/4	3,062.70	1/4	2,702.62
1/2		1/2		1/2		1/2	4,497.09	1/2	4,239.45	1/2	3,972.77	1/2	3,693.38	1/2	3,402.34	1/2	3,055.20	1/2	2,695.11
3/4		3/4		3/4		3/4	4,490.96	3/4	4,234.03	3/4	3,967.06	3/4	3,687.42	3/4	3,396.07	3/4	3,047.70	3/4	2,687.61
4		4		4		4	4,484.83	4	4,228.62	4	3,961.36	4	3,681.47	4	3,389.81	4	3,040.19	4	2,680.11
1/4		1/4		1/4		1/4	4,478.70	1/4	4,223.20	1/4	3,955.66	1/4	3,675.52	1/4	3,383.54	1/4	3,032.69	1/4	2,672.61
1/2		1/2		1/2		1/2	4,473.02	1/2	4,217.77	1/2	3,949.94	1/2	3,669.56	1/2	3,377.13	1/2	3,025.19	1/2	2,665.10
3/4		3/4		3/4		3/4	4,467.79	3/4	4,212.33	3/4	3,944.22	3/4	3,663.58	3/4	3,370.59	3/4	3,017.69	3/4	2,657.60
5		5		5		5	4,462.57	5	4,206.89	5	3,938.50	5	3,657.61	5	3,364.04	5	3,010.19	5	2,650.10
1/4		1/4		1/4		1/4	4,457.34	1/4	4,201.46	1/4	3,932.78	1/4	3,651.63	1/4	3,357.50	1/4	3,002.69	1/4	2,642.59
1/2		1/2		1/2		1/2	4,452.10	1/2	4,196.01	1/2	3,927.04	1/2	3,645.65	1/2	3,350.81	1/2	2,995.19	1/2	2,635.09
3/4		3/4		3/4		3/4	4,446.85	3/4	4,190.55	3/4	3,921.30	3/4	3,639.65	3/4	3,343.99	3/4	2,987.68	3/4	2,627.59
6		6		6		6	4,441.61	6	4,185.10	6	3,915.55	6	3,633.66	6	3,337.17	6	2,980.18	6	2,620.09
1/4		1/4		1/4		1/4	4,436.36	1/4	4,179.64	1/4	3,909.80	1/4	3,627.66	1/4	3,330.34	1/4	2,972.68	1/4	2,612.58
1/2		1/2		1/2		1/2	4,431.10	1/2	4,174.17	1/2	3,904.05	1/2	3,621.66	1/2	3,323.38	1/2	2,965.18	1/2	2,605.08
3/4		3/4		3/4		3/4	4,425.84	3/4	4,168.69	3/4	3,898.28	3/4	3,615.64	3/4	3,316.28	3/4	2,957.68	3/4	2,597.58
7		7		7		7	4,420.57	7	4,163.21	7	3,892.52	7	3,609.61	7	3,309.18	7	2,950.18	7	2,590.08
1/4		1/4		1/4		1/4	4,415.31	1/4	4,157.73	1/4	3,886.75	1/4	3,603.59	1/4	3,302.08	1/4	2,942.68	1/4	2,582.57
1/2		1/2		1/2		1/2	4,410.03	1/2	4,152.24	1/2	3,880.98	1/2	3,597.56	1/2	3,294.84	1/2	2,935.17	1/2	2,575.07
3/4		3/4		3/4		3/4	4,404.74	3/4	4,146.74	3/4	3,875.19	3/4	3,591.53	3/4	3,287.46	3/4	2,927.67	3/4	2,567.57
8		8		8		8	4,399.45	8	4,141.24	8	3,869.41	8	3,585.49	8	3,280.08	8	2,920.17	8	2,560.07
1/4		1/4		1/4		1/4	4,394.16	1/4	4,135.74	1/4	3,863.62	1/4	3,579.45	1/4	3,272.70	1/4	2,912.67	1/4	2,552.56
1/2		1/2		1/2		1/2	4,388.88	1/2	4,130.22	1/2	3,857.83	1/2	3,573.41	1/2	3,265.26	1/2	2,905.17	1/2	2,545.06
3/4		3/4		3/4		3/4	4,383.61	3/4	4,124.66	3/4	3,852.02	3/4	3,567.35	3/4	3,257.76	3/4	2,897.67	3/4	2,537.56
9		9		9		9	4,378.34	9	4,119.11	9	3,846.21	9	3,561.29	9	3,250.25	9	2,890.17	9	2,530.06
1/4		1/4		1/4		1/4	4,373.06	1/4	4,113.55	1/4	3,840.40	1/4	3,555.24	1/4	3,242.75	1/4	2,882.66	1/4	2,522.55
1/2		1/2		1/2		1/2	4,367.78	1/2	4,107.98	1/2	3,834.58	1/2	3,549.17	1/2	3,235.24	1/2	2,875.16	1/2	2,515.05
3/4		3/4		3/4		3/4	4,362.49	3/4	4,102.40	3/4	3,828.76	3/4	3,543.09	3/4	3,227.74	3/4	2,867.66	3/4	2,507.55
10		10		10		10	4,357.20	10	4,096.82	10	3,822.93	10	3,537.00	10	3,220.23	10	2,860.16	10	2,500.05
1/4		1/4		1/4		1/4	4,351.91	1/4	4,091.25	1/4	3,817.10	1/4	3,530.92	1/4	3,212.73	1/4	2,852.66	1/4	2,492.54
1/2		1/2		1/2		1/2	4,346.61	1/2	4,085.66	1/2	3,811.26	1/2	3,524.83	1/2	3,205.22	1/2	2,845.16	1/2	2,485.04
3/4		3/4		3/4		3/4	4,341.29	3/4	4,080.06	3/4	3,805.41	3/4	3,518.73	3/4	3,197.72	3/4	2,837.66	3/4	2,477.54
11		11		11		11	4,335.98	11	4,074.46	11	3,799.56	11	3,512.63	11	3,190.22	11	2,830.15	11	2,470.03
1/4		1/4		1/4		1/4	4,330.67	1/4	4,068.86	1/4	3,793.70	1/4	3,506.53	1/4	3,182.72	1/4	2,822.65	1/4	2,462.53
1/2		1/2		1/2		1/2	4,325.34	1/2	4,063.25	1/2	3,787.84	1/2	3,500.43	1/2	3,175.22	1/2	2,815.15	1/2	2,455.03
3/4		3/4		3/4		3/4	4,320.01	3/4	4,057.63	3/4	3,781.97	3/4	3,494.31	3/4	3,167.72	3/4	2,807.65	3/4	2,447.53

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'-08" OFF CENTERLINE AND 46'-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 28027"

3 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	2,440.03	0	2,080.28	0	1,725.22	0	1,365.15	0	1,017.14	0	668.97	0	312.34	0		0		0	
1/4	2,432.53	1/4	2,072.83	1/4	1,717.78	1/4	1,357.64	1/4	1,010.06	1/4	661.63	1/4	304.83	1/4	1/4	1/4		1/4	
1/2	2,425.03	1/2	2,065.40	1/2	1,710.31	1/2	1,350.14	1/2	1,002.98	1/2	654.29	1/2	297.32	1/2	1/2	1/2		1/2	
3/4	2,417.54	3/4	2,058.02	3/4	1,702.80	3/4	1,342.63	3/4	995.90	3/4	646.95	3/4	289.82	3/4	3/4	3/4		3/4	
1	2,410.04	1	2,050.63	1	1,695.30	1	1,335.13	1	988.81	1	639.61	1	282.31	1		1		1	
1/4	2,402.54	1/4	2,043.24	1/4	1,687.80	1/4	1,327.63	1/4	981.73	1/4	632.28	1/4	274.80	1/4	1/4	1/4		1/4	
1/2	2,395.04	1/2	2,035.85	1/2	1,680.29	1/2	1,320.12	1/2	974.65	1/2	624.94	1/2	267.29	1/2	1/2	1/2		1/2	
3/4	2,387.54	3/4	2,028.46	3/4	1,672.79	3/4	1,312.62	3/4	967.56	3/4	617.60	3/4	259.79	3/4	3/4	3/4		3/4	
2	2,380.04	2	2,021.07	2	1,665.29	2	1,305.12	2	960.48	2	610.26	2	252.28	2		2		2	
1/4	2,372.54	1/4	2,013.69	1/4	1,657.78	1/4	1,297.61	1/4	953.39	1/4	602.92	1/4	244.77	1/4	1/4	1/4		1/4	
1/2	2,365.04	1/2	2,006.30	1/2	1,650.28	1/2	1,290.11	1/2	946.31	1/2	595.58	1/2	237.26	1/2	1/2	1/2		1/2	
3/4	2,357.54	3/4	1,998.91	3/4	1,642.77	3/4	1,282.61	3/4	939.22	3/4	588.24	3/4	229.75	3/4	3/4	3/4		3/4	
3	2,350.04	3	1,991.52	3	1,635.27	3	1,275.10	3	932.14	3	580.90	3	222.25	3		3		3	
1/4	2,342.55	1/4	1,984.13	1/4	1,627.77	1/4	1,267.60	1/4	925.05	1/4	573.57	1/4	214.74	1/4	1/4	1/4		1/4	
1/2	2,335.05	1/2	1,976.74	1/2	1,620.26	1/2	1,260.10	1/2	917.96	1/2	566.22	1/2	207.23	1/2	1/2	1/2		1/2	
3/4	2,327.55	3/4	1,969.36	3/4	1,612.76	3/4	1,252.59	3/4	910.88	3/4	558.87	3/4	199.71	3/4	3/4	3/4		3/4	
4	2,320.05	4	1,961.97	4	1,605.26	4	1,245.09	4	903.79	4	551.52	4	192.19	4		4		4	
1/4	2,312.55	1/4	1,954.58	1/4	1,597.75	1/4	1,237.59	1/4	896.71	1/4	544.17	1/4	184.67	1/4	1/4	1/4		1/4	
1/2	2,305.05	1/2	1,947.19	1/2	1,590.25	1/2	1,230.22	1/2	889.48	1/2	536.81	1/2	177.15	1/2	1/2	1/2		1/2	
3/4	2,297.55	3/4	1,939.80	3/4	1,582.75	3/4	1,222.00	3/4	882.12	3/4	529.44	3/4	169.63	3/4	3/4	3/4		3/4	
5	2,290.05	5	1,932.41	5	1,575.24	5	1,215.77	5	874.76	5	522.07	5	162.11	5		5		5	
1/4	2,282.55	1/4	1,925.02	1/4	1,567.74	1/4	1,208.54	1/4	867.39	1/4	514.70	1/4	154.59	1/4	1/4	1/4		1/4	
1/2	2,275.05	1/2	1,917.64	1/2	1,560.24	1/2	1,201.39	1/2	860.03	1/2	507.30	1/2	147.07	1/2	1/2	1/2		1/2	
3/4	2,267.55	3/4	1,910.25	3/4	1,552.73	3/4	1,194.30	3/4	852.66	3/4	499.86	3/4	139.55	3/4	3/4	3/4		3/4	
6	2,260.04	6	1,902.86	6	1,545.23	6	1,187.21	6	845.29	6	492.42	6	132.03	6		6		6	
1/4	2,252.54	1/4	1,895.47	1/4	1,537.73	1/4	1,180.12	1/4	837.92	1/4	484.98	1/4	124.51	1/4	1/4	1/4		1/4	
1/2	2,245.04	1/2	1,888.08	1/2	1,530.22	1/2	1,173.03	1/2	830.55	1/2	477.51	1/2	116.99	1/2	1/2	1/2		1/2	
3/4	2,237.53	3/4	1,880.69	3/4	1,522.72	3/4	1,165.94	3/4	823.18	3/4	470.00	3/4	109.47	3/4	3/4	3/4		3/4	
7	2,230.03	7	1,873.31	7	1,515.22	7	1,158.85	7	815.82	7	462.49	7	101.95	7		7		7	
1/4	2,222.53	1/4	1,865.92	1/4	1,507.71	1/4	1,151.76	1/4	808.45	1/4	454.99	1/4	94.44	1/4	1/4	1/4		1/4	
1/2	2,215.02	1/2	1,858.53	1/2	1,500.21	1/2	1,144.67	1/2	801.09	1/2	447.48	1/2	86.92	1/2	1/2	1/2		1/2	
3/4	2,207.52	3/4	1,851.14	3/4	1,492.70	3/4	1,137.58	3/4	793.74	3/4	439.97	3/4	79.40	3/4	3/4	3/4		3/4	
8	2,200.02	8	1,843.75	8	1,485.20	8	1,130.50	8	786.39	8	432.46	8	71.88	8		8		8	
1/4	2,192.51	1/4	1,836.36	1/4	1,477.70	1/4	1,123.41	1/4	779.04	1/4	424.95	1/4	64.36	1/4	1/4	1/4		1/4	
1/2	2,185.01	1/2	1,828.98	1/2	1,470.19	1/2	1,116.32	1/2	771.70	1/2	417.45	1/2	57.31	1/2	1/2	1/2		1/2	
3/4	2,177.51	3/4	1,821.59	3/4	1,462.69	3/4	1,109.23	3/4	764.36	3/4	409.94	3/4	50.73	3/4	3/4	3/4		3/4	
9	2,170.00	9	1,814.20	9	1,455.19	9	1,102.14	9	757.02	9	402.43	9	44.15	9		9		9	
1/4	2,162.50	1/4	1,806.81	1/4	1,447.68	1/4	1,095.05	1/4	749.69	1/4	394.92	1/4	37.57	1/4	1/4	1/4		1/4	
1/2	2,155.00	1/2	1,799.42	1/2	1,440.18	1/2	1,087.96	1/2	742.35	1/2	387.42	1/2	31.93	1/2	1/2	1/2		1/2	
3/4	2,147.49	3/4	1,792.03	3/4	1,432.68	3/4	1,080.88	3/4	735.01	3/4	379.91	3/4	27.23	3/4	3/4	3/4		3/4	
10	2,139.99	10	1,784.65	10	1,425.17	10	1,073.80	10	727.68	10	372.40	10	22.53	10		10		10	
1/4	2,132.49	1/4	1,777.26	1/4	1,417.67	1/4	1,066.72	1/4	720.34	1/4	364.89	1/4	17.83	1/4	1/4	1/4		1/4	
1/2	2,125.01	1/2	1,769.84	1/2	1,410.17	1/2	1,059.64	1/2	713.00	1/2	357.39	1/2	15.49	1/2	1/2	1/2		1/2	
3/4	2,117.55	3/4	1,762.41	3/4	1,402.66	3/4	1,052.55	3/4	705.66	3/4	349.88	3/4		3/4	3/4	3/4		3/4	
11	2,110.10	11	1,754.97	11	1,395.16	11	1,045.47	11	698.32	11	342.37	11		11		11		11	
1/4	2,102.64	1/4	1,747.53	1/4	1,387.66	1/4	1,038.39	1/4	690.99	1/4	334.86	1/4		1/4	1/4	1/4		1/4	
1/2	2,095.19	1/2	1,740.09	1/2	1,380.15	1/2	1,031.31	1/2	683.65	1/2	327.35	1/2		1/2	1/2	1/2		1/2	
3/4	2,087.74	3/4	1,732.65	3/4	1,372.65	3/4	1,024.22	3/4	676.31	3/4	319.85	3/4		3/4	3/4	3/4		3/4	

STRAPPED: 04/28/2003 CL - SW
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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