



BARGE "KIRBY 29179"

ULLAGE (HERMETIC)

FORMERLY "TMTB 110"

	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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 8'-00"
 DIFF. = 6'-00" (DOWN BY STERN)

THE CORRECTION FOR 6'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

May 12, 2026

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

<http://www.pmacorp.net>



BARGE "KIRBY 29179"

1 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,704.50	0	4,347.13	0	3,989.72	0	3,631.30	0	3,272.87	0	2,914.45
1/4		1/4		1/4		1/4		1/4	4,697.06	1/4	4,339.68	1/4	3,982.26	1/4	3,623.83	1/4	3,265.41	1/4	2,906.98
1/2		1/2		1/2		1/2		1/2	4,689.61	1/2	4,332.23	1/2	3,974.79	1/2	3,616.36	1/2	3,257.94	1/2	2,899.51
3/4		3/4		3/4		3/4	5,024.14	3/4	4,682.17	3/4	4,324.79	3/4	3,967.32	3/4	3,608.90	3/4	3,250.47	3/4	2,892.05
1		1		1		1	5,018.94	1	4,674.72	1	4,317.34	1	3,959.86	1	3,601.43	1	3,243.00	1	2,884.58
1/4		1/4		1/4		1/4	5,013.75	1/4	4,667.28	1/4	4,309.90	1/4	3,952.39	1/4	3,593.96	1/4	3,235.54	1/4	2,877.11
1/2		1/2		1/2		1/2	5,008.55	1/2	4,659.83	1/2	4,302.45	1/2	3,944.92	1/2	3,586.50	1/2	3,228.07	1/2	2,869.64
3/4		3/4		3/4		3/4	5,003.36	3/4	4,652.39	3/4	4,295.01	3/4	3,937.45	3/4	3,579.03	3/4	3,220.60	3/4	2,862.18
2		2		2		2	4,996.92	2	4,644.94	2	4,287.56	2	3,929.99	2	3,571.56	2	3,213.14	2	2,854.71
1/4		1/4		1/4		1/4	4,990.48	1/4	4,637.50	1/4	4,280.12	1/4	3,922.52	1/4	3,564.09	1/4	3,205.67	1/4	2,847.24
1/2		1/2		1/2		1/2	4,984.04	1/2	4,630.05	1/2	4,272.67	1/2	3,915.05	1/2	3,556.63	1/2	3,198.20	1/2	2,839.78
3/4		3/4		3/4		3/4	4,977.60	3/4	4,622.61	3/4	4,265.23	3/4	3,907.59	3/4	3,549.16	3/4	3,190.73	3/4	2,832.31
3		3		3		3	4,970.30	3	4,615.16	3	4,257.78	3	3,900.12	3	3,541.69	3	3,183.27	3	2,824.84
1/4		1/4		1/4		1/4	4,962.99	1/4	4,607.71	1/4	4,250.34	1/4	3,892.65	1/4	3,534.23	1/4	3,175.80	1/4	2,817.37
1/2		1/2		1/2		1/2	4,955.69	1/2	4,600.27	1/2	4,242.89	1/2	3,885.18	1/2	3,526.76	1/2	3,168.33	1/2	2,809.91
3/4		3/4		3/4		3/4	4,948.39	3/4	4,592.82	3/4	4,235.44	3/4	3,877.72	3/4	3,519.29	3/4	3,160.87	3/4	2,802.44
4		4		4		4	4,941.03	4	4,585.38	4	4,228.00	4	3,870.25	4	3,511.82	4	3,153.40	4	2,794.97
1/4		1/4		1/4		1/4	4,933.67	1/4	4,577.93	1/4	4,220.55	1/4	3,862.78	1/4	3,504.36	1/4	3,145.93	1/4	2,787.51
1/2		1/2		1/2		1/2	4,926.31	1/2	4,570.49	1/2	4,213.11	1/2	3,855.31	1/2	3,496.89	1/2	3,138.46	1/2	2,780.04
3/4		3/4		3/4		3/4	4,918.95	3/4	4,563.04	3/4	4,205.66	3/4	3,847.85	3/4	3,489.42	3/4	3,131.00	3/4	2,772.57
5		5		5		5	4,911.58	5	4,555.60	5	4,198.22	5	3,840.38	5	3,481.95	5	3,123.53	5	2,765.10
1/4		1/4		1/4		1/4	4,904.21	1/4	4,548.15	1/4	4,190.77	1/4	3,832.91	1/4	3,474.49	1/4	3,116.06	1/4	2,757.64
1/2		1/2		1/2		1/2	4,896.84	1/2	4,540.71	1/2	4,183.33	1/2	3,825.45	1/2	3,467.02	1/2	3,108.59	1/2	2,750.17
3/4		3/4		3/4		3/4	4,889.47	3/4	4,533.26	3/4	4,175.88	3/4	3,817.98	3/4	3,459.55	3/4	3,101.13	3/4	2,742.70
6		6		6		6	4,882.10	6	4,525.82	6	4,168.44	6	3,810.51	6	3,452.09	6	3,093.66	6	2,735.23
1/4		1/4		1/4		1/4	4,874.72	1/4	4,518.37	1/4	4,160.99	1/4	3,803.04	1/4	3,444.62	1/4	3,086.19	1/4	2,727.77
1/2		1/2		1/2		1/2	4,867.35	1/2	4,510.92	1/2	4,153.55	1/2	3,795.58	1/2	3,437.15	1/2	3,078.73	1/2	2,720.30
3/4		3/4		3/4		3/4	4,859.98	3/4	4,503.48	3/4	4,146.10	3/4	3,788.11	3/4	3,429.68	3/4	3,071.26	3/4	2,712.83
7		7		7		7	4,852.60	7	4,496.03	7	4,138.65	7	3,780.64	7	3,422.22	7	3,063.79	7	2,705.37
1/4		1/4		1/4		1/4	4,845.23	1/4	4,488.59	1/4	4,131.21	1/4	3,773.18	1/4	3,414.75	1/4	3,056.32	1/4	2,697.90
1/2		1/2		1/2		1/2	4,837.86	1/2	4,481.14	1/2	4,123.76	1/2	3,765.71	1/2	3,407.28	1/2	3,048.86	1/2	2,690.43
3/4		3/4		3/4		3/4	4,830.49	3/4	4,473.70	3/4	4,116.32	3/4	3,758.24	3/4	3,399.82	3/4	3,041.39	3/4	2,682.96
8		8		8		8	4,823.12	8	4,466.25	8	4,108.87	8	3,750.77	8	3,392.35	8	3,033.92	8	2,675.50
1/4		1/4		1/4		1/4	4,815.74	1/4	4,458.81	1/4	4,101.43	1/4	3,743.31	1/4	3,384.88	1/4	3,026.46	1/4	2,668.03
1/2		1/2		1/2		1/2	4,808.37	1/2	4,451.36	1/2	4,093.98	1/2	3,735.84	1/2	3,377.41	1/2	3,018.99	1/2	2,660.56
3/4		3/4		3/4		3/4	4,801.00	3/4	4,443.92	3/4	4,086.54	3/4	3,728.37	3/4	3,369.95	3/4	3,011.52	3/4	2,653.10
9		9		9		9	4,793.63	9	4,436.47	9	4,079.09	9	3,720.91	9	3,362.48	9	3,004.05	9	2,645.63
1/4		1/4		1/4		1/4	4,786.26	1/4	4,429.02	1/4	4,071.65	1/4	3,713.44	1/4	3,355.01	1/4	2,996.59	1/4	2,638.16
1/2		1/2		1/2		1/2	4,778.89	1/2	4,421.58	1/2	4,064.20	1/2	3,705.97	1/2	3,347.55	1/2	2,989.12	1/2	2,630.69
3/4		3/4		3/4		3/4	4,771.51	3/4	4,414.13	3/4	4,056.75	3/4	3,698.50	3/4	3,340.08	3/4	2,981.65	3/4	2,623.23
10		10		10		10	4,764.07	10	4,406.69	10	4,049.31	10	3,691.04	10	3,332.61	10	2,974.19	10	2,615.76
1/4		1/4		1/4		1/4	4,756.62	1/4	4,399.24	1/4	4,041.86	1/4	3,683.57	1/4	3,325.14	1/4	2,966.72	1/4	2,608.29
1/2		1/2		1/2		1/2	4,749.18	1/2	4,391.80	1/2	4,034.42	1/2	3,676.10	1/2	3,317.68	1/2	2,959.25	1/2	2,600.83
3/4		3/4		3/4		3/4	4,741.73	3/4	4,384.35	3/4	4,026.97	3/4	3,668.63	3/4	3,310.21	3/4	2,951.78	3/4	2,593.36
11		11		11		11	4,734.29	11	4,376.91	11	4,019.53	11	3,661.17	11	3,302.74	11	2,944.32	11	2,585.89
1/4		1/4		1/4		1/4	4,726.84	1/4	4,369.46	1/4	4,012.08	1/4	3,653.70	1/4	3,295.27	1/4	2,936.85	1/4	2,578.42
1/2		1/2		1/2		1/2	4,719.40	1/2	4,362.02	1/2	4,004.64	1/2	3,646.23	1/2	3,287.81	1/2	2,929.38	1/2	2,570.95
3/4		3/4		3/4		3/4	4,711.95	3/4	4,354.57	3/4	3,997.19	3/4	3,638.77	3/4	3,280.34	3/4	2,921.91	3/4	2,563.48

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "KIRBY 29179"

1 PORT ULLAGE TABLE HERMETIC

GUAGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

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	2,556.01	0	2,197.49	0	1,838.96	0	1,480.43	0	1,121.94	0	765.92	0	409.33	0	89.74	0			
1/4	2,548.54	1/4	2,190.02	1/4	1,831.49	1/4	1,472.96	1/4	1,114.50	1/4	758.45	1/4	402.17	1/4	83.64	1/4			0
1/2	2,541.07	1/2	2,182.55	1/2	1,824.02	1/2	1,465.49	1/2	1,107.06	1/2	750.99	1/2	395.01	1/2	77.54	1/2			1/2
3/4	2,533.60	3/4	2,175.08	3/4	1,816.55	3/4	1,458.02	3/4	1,099.62	3/4	743.52	3/4	387.84	3/4	71.44	3/4			3/4
1	2,526.13	1	2,167.61	1	1,809.08	1	1,450.56	1	1,092.19	1	736.05	1	380.77	1	65.45	1			1
1/4	2,518.67	1/4	2,160.14	1/4	1,801.61	1/4	1,443.09	1/4	1,084.75	1/4	728.58	1/4	373.70	1/4	59.46	1/4			1/4
1/2	2,511.20	1/2	2,152.67	1/2	1,794.14	1/2	1,435.62	1/2	1,077.31	1/2	721.11	1/2	366.62	1/2	53.48	1/2			1/2
3/4	2,503.73	3/4	2,145.20	3/4	1,786.67	3/4	1,428.15	3/4	1,069.87	3/4	713.64	3/4	359.55	3/4	47.49	3/4			3/4
2	2,496.26	2	2,137.73	2	1,779.20	2	1,420.68	2	1,062.45	2	706.17	2	352.56	2	42.49	2			2
1/4	2,488.79	1/4	2,130.26	1/4	1,771.74	1/4	1,413.21	1/4	1,055.04	1/4	698.70	1/4	345.57	1/4	37.49	1/4			1/4
1/2	2,481.32	1/2	2,122.79	1/2	1,764.27	1/2	1,405.74	1/2	1,047.62	1/2	691.23	1/2	338.58	1/2	32.49	1/2			1/2
3/4	2,473.85	3/4	2,115.32	3/4	1,756.80	3/4	1,398.27	3/4	1,040.20	3/4	683.76	3/4	331.60	3/4	27.49	3/4			3/4
3	2,466.38	3	2,107.85	3	1,749.33	3	1,390.80	3	1,032.79	3	676.29	3	324.70	3	24.44	3			3
1/4	2,458.91	1/4	2,100.38	1/4	1,741.86	1/4	1,383.33	1/4	1,025.38	1/4	668.83	1/4	317.80	1/4	21.39	1/4			1/4
1/2	2,451.44	1/2	2,092.91	1/2	1,734.39	1/2	1,375.86	1/2	1,017.97	1/2	661.36	1/2	310.90	1/2	18.35	1/2			1/2
3/4	2,443.97	3/4	2,085.45	3/4	1,726.92	3/4	1,368.39	3/4	1,010.56	3/4	653.89	3/4	304.00	3/4	15.30	3/4			3/4
4	2,436.50	4	2,077.98	4	1,719.45	4	1,360.92	4	1,003.15	4	646.42	4	297.19	4		4			4
1/4	2,429.03	1/4	2,070.51	1/4	1,711.98	1/4	1,353.45	1/4	995.74	1/4	638.95	1/4	290.38	1/4		1/4			1/4
1/2	2,421.56	1/2	2,063.04	1/2	1,704.51	1/2	1,345.98	1/2	988.33	1/2	631.48	1/2	283.56	1/2		1/2			1/2
3/4	2,414.09	3/4	2,055.57	3/4	1,697.04	3/4	1,338.52	3/4	980.91	3/4	624.01	3/4	276.75	3/4		3/4			3/4
5	2,406.63	5	2,048.10	5	1,689.57	5	1,331.05	5	973.50	5	616.54	5	270.03	5		5			5
1/4	2,399.16	1/4	2,040.63	1/4	1,682.10	1/4	1,323.58	1/4	966.09	1/4	609.07	1/4	263.30	1/4		1/4			1/4
1/2	2,391.69	1/2	2,033.16	1/2	1,674.63	1/2	1,316.11	1/2	958.68	1/2	601.60	1/2	256.58	1/2		1/2			1/2
3/4	2,384.22	3/4	2,025.69	3/4	1,667.16	3/4	1,308.64	3/4	951.27	3/4	594.13	3/4	249.85	3/4		3/4			3/4
6	2,376.75	6	2,018.22	6	1,659.70	6	1,301.17	6	943.86	6	586.67	6	243.22	6		6			6
1/4	2,369.28	1/4	2,010.75	1/4	1,652.23	1/4	1,293.70	1/4	936.45	1/4	579.21	1/4	236.58	1/4		1/4			1/4
1/2	2,361.81	1/2	2,003.28	1/2	1,644.76	1/2	1,286.23	1/2	929.04	1/2	571.74	1/2	229.94	1/2		1/2			1/2
3/4	2,354.34	3/4	1,995.81	3/4	1,637.29	3/4	1,278.76	3/4	921.63	3/4	564.28	3/4	223.31	3/4		3/4			3/4
7	2,346.87	7	1,988.34	7	1,629.82	7	1,271.29	7	914.22	7	556.82	7	216.76	7		7			7
1/4	2,339.40	1/4	1,980.88	1/4	1,622.35	1/4	1,263.82	1/4	906.81	1/4	549.35	1/4	210.21	1/4		1/4			1/4
1/2	2,331.93	1/2	1,973.41	1/2	1,614.88	1/2	1,256.35	1/2	899.40	1/2	541.89	1/2	203.66	1/2		1/2			1/2
3/4	2,324.46	3/4	1,965.94	3/4	1,607.41	3/4	1,248.88	3/4	891.99	3/4	534.42	3/4	197.11	3/4		3/4			3/4
8	2,316.99	8	1,958.47	8	1,599.94	8	1,241.41	8	884.58	8	526.96	8	190.65	8		8			8
1/4	2,309.52	1/4	1,951.00	1/4	1,592.47	1/4	1,233.95	1/4	877.17	1/4	519.49	1/4	184.19	1/4		1/4			1/4
1/2	2,302.06	1/2	1,943.53	1/2	1,585.00	1/2	1,226.48	1/2	869.76	1/2	512.02	1/2	177.73	1/2		1/2			1/2
3/4	2,294.59	3/4	1,936.06	3/4	1,577.53	3/4	1,219.01	3/4	862.35	3/4	504.55	3/4	171.27	3/4		3/4			3/4
9	2,287.12	9	1,928.59	9	1,570.06	9	1,211.54	9	854.94	9	497.12	9	164.89	9		9			9
1/4	2,279.65	1/4	1,921.12	1/4	1,562.59	1/4	1,204.07	1/4	847.53	1/4	489.70	1/4	158.52	1/4		1/4			1/4
1/2	2,272.18	1/2	1,913.65	1/2	1,555.13	1/2	1,196.60	1/2	840.12	1/2	482.27	1/2	152.14	1/2		1/2			1/2
3/4	2,264.71	3/4	1,906.18	3/4	1,547.66	3/4	1,189.13	3/4	832.71	3/4	474.85	3/4	145.77	3/4		3/4			3/4
10	2,257.24	10	1,898.71	10	1,540.19	10	1,181.66	10	825.30	10	467.51	10	139.49	10		10			10
1/4	2,249.77	1/4	1,891.24	1/4	1,532.72	1/4	1,174.19	1/4	817.89	1/4	460.17	1/4	133.20	1/4		1/4			1/4
1/2	2,242.30	1/2	1,883.77	1/2	1,525.25	1/2	1,166.72	1/2	810.48	1/2	452.83	1/2	126.91	1/2		1/2			1/2
3/4	2,234.83	3/4	1,876.31	3/4	1,517.78	3/4	1,159.25	3/4	803.07	3/4	445.50	3/4	120.63	3/4		3/4			3/4
11	2,227.36	11	1,868.84	11	1,510.31	11	1,151.78	11	795.65	11	438.25	11	114.43	11		11			11
1/4	2,219.89	1/4	1,861.37	1/4	1,502.84	1/4	1,144.31	1/4	788.23	1/4	431.00	1/4	108.23	1/4		1/4			1/4
1/2	2,212.42	1/2	1,853.90	1/2	1,495.37	1/2	1,136.84	1/2	780.81	1/2	423.75	1/2	102.04	1/2		1/2			1/2
3/4	2,204.95	3/4	1,846.43	3/4	1,487.90	3/4	1,129.38	3/4	773.39	3/4	416.50	3/4	95.84	3/4		3/4			3/4

STRAPPED: 11/09/2020 CL
CALCULATED: 05/12/2026 JS
NAME CHANGE: 05/12/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29179"

1 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0		0	4,698.17	0	4,341.43	0	3,984.67	0	3,626.89	0	3,269.10	0	2,911.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,690.74	1/4	4,334.00	1/4	3,977.21	1/4	3,619.43	1/4	3,261.65	1/4	2,903.87		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,683.31	1/2	4,326.57	1/2	3,969.76	1/2	3,611.98	1/2	3,254.20	1/2	2,896.41		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,017.23	3/4	4,675.87	3/4	4,319.13	3/4	3,962.31	3/4	3,604.52	3/4	3,246.74	3/4	2,888.96
1	1	1	1	1	1	1	1	1	5,012.04	1	4,668.44	1	4,311.70	1	3,954.85	1	3,597.07	1	3,239.29	1	2,881.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,006.86	1/4	4,661.01	1/4	4,304.27	1/4	3,947.40	1/4	3,589.62	1/4	3,231.83	1/4	2,874.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,001.67	1/2	4,653.58	1/2	4,296.84	1/2	3,939.94	1/2	3,582.16	1/2	3,224.38	1/2	2,866.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,996.49	3/4	4,646.15	3/4	4,289.41	3/4	3,932.49	3/4	3,574.71	3/4	3,216.93	3/4	2,859.14
2	2	2	2	2	2	2	2	2	4,990.06	2	4,638.71	2	4,281.97	2	3,925.04	2	3,567.25	2	3,209.47	2	2,851.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,983.63	1/4	4,631.28	1/4	4,274.54	1/4	3,917.58	1/4	3,559.80	1/4	3,202.02	1/4	2,844.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,977.20	1/2	4,623.85	1/2	4,267.11	1/2	3,910.13	1/2	3,552.35	1/2	3,194.56	1/2	2,836.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,970.77	3/4	4,616.42	3/4	4,259.68	3/4	3,902.68	3/4	3,544.89	3/4	3,187.11	3/4	2,829.33
3	3	3	3	3	3	3	3	3	4,963.48	3	4,608.99	3	4,252.24	3	3,895.22	3	3,537.44	3	3,179.66	3	2,821.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,956.19	1/4	4,601.55	1/4	4,244.81	1/4	3,887.77	1/4	3,529.99	1/4	3,172.20	1/4	2,814.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,948.90	1/2	4,594.12	1/2	4,237.38	1/2	3,880.31	1/2	3,522.53	1/2	3,164.75	1/2	2,806.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,941.61	3/4	4,586.69	3/4	4,229.95	3/4	3,872.86	3/4	3,515.08	3/4	3,157.30	3/4	2,799.51
4	4	4	4	4	4	4	4	4	4,934.27	4	4,579.26	4	4,222.52	4	3,865.41	4	3,507.62	4	3,149.84	4	2,792.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,926.92	1/4	4,571.83	1/4	4,215.08	1/4	3,857.95	1/4	3,500.17	1/4	3,142.39	1/4	2,784.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,919.58	1/2	4,564.39	1/2	4,207.65	1/2	3,850.50	1/2	3,492.72	1/2	3,134.93	1/2	2,777.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,912.23	3/4	4,556.96	3/4	4,200.22	3/4	3,843.05	3/4	3,485.26	3/4	3,127.48	3/4	2,769.70
5	5	5	5	5	5	5	5	5	4,904.87	5	4,549.53	5	4,192.79	5	3,835.59	5	3,477.81	5	3,120.03	5	2,762.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,897.52	1/4	4,542.10	1/4	4,185.36	1/4	3,828.14	1/4	3,470.36	1/4	3,112.57	1/4	2,754.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,890.16	1/2	4,534.66	1/2	4,177.92	1/2	3,820.68	1/2	3,462.90	1/2	3,105.12	1/2	2,747.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,882.80	3/4	4,527.23	3/4	4,170.49	3/4	3,813.23	3/4	3,455.45	3/4	3,097.67	3/4	2,739.88
6	6	6	6	6	6	6	6	6	4,875.44	6	4,519.80	6	4,163.06	6	3,805.78	6	3,447.99	6	3,090.21	6	2,732.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,868.08	1/4	4,512.37	1/4	4,155.63	1/4	3,798.32	1/4	3,440.54	1/4	3,082.76	1/4	2,724.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,860.72	1/2	4,504.94	1/2	4,148.20	1/2	3,790.87	1/2	3,433.09	1/2	3,075.30	1/2	2,717.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,853.36	3/4	4,497.50	3/4	4,140.76	3/4	3,783.41	3/4	3,425.63	3/4	3,067.85	3/4	2,710.07
7	7	7	7	7	7	7	7	7	4,846.00	7	4,490.07	7	4,133.33	7	3,775.96	7	3,418.18	7	3,060.40	7	2,702.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,838.65	1/4	4,482.64	1/4	4,125.90	1/4	3,768.51	1/4	3,410.72	1/4	3,052.94	1/4	2,695.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,831.29	1/2	4,475.21	1/2	4,118.47	1/2	3,761.05	1/2	3,403.27	1/2	3,045.49	1/2	2,687.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,823.93	3/4	4,467.78	3/4	4,111.03	3/4	3,753.60	3/4	3,395.82	3/4	3,038.03	3/4	2,680.25
8	8	8	8	8	8	8	8	8	4,816.57	8	4,460.34	8	4,103.60	8	3,746.15	8	3,388.36	8	3,030.58	8	2,672.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,809.21	1/4	4,452.91	1/4	4,096.17	1/4	3,738.69	1/4	3,380.91	1/4	3,023.13	1/4	2,665.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,801.85	1/2	4,445.48	1/2	4,088.74	1/2	3,731.24	1/2	3,373.46	1/2	3,015.67	1/2	2,657.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,794.49	3/4	4,438.05	3/4	4,081.31	3/4	3,723.78	3/4	3,366.00	3/4	3,008.22	3/4	2,650.44
9	9	9	9	9	9	9	9	9	4,787.14	9	4,430.62	9	4,073.87	9	3,716.33	9	3,358.55	9	3,000.77	9	2,642.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,779.78	1/4	4,423.18	1/4	4,066.44	1/4	3,708.88	1/4	3,351.09	1/4	2,993.31	1/4	2,635.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,772.42	1/2	4,415.75	1/2	4,059.01	1/2	3,701.42	1/2	3,343.64	1/2	2,985.86	1/2	2,628.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,765.06	3/4	4,408.32	3/4	4,051.58	3/4	3,693.97	3/4	3,336.19	3/4	2,978.40	3/4	2,620.62
10	10	10	10	10	10	10	10	10	4,757.63	10	4,400.89	10	4,044.15	10	3,686.52	10	3,328.73	10	2,970.95	10	2,613.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,750.20	1/4	4,393.45	1/4	4,036.71	1/4	3,679.06	1/4	3,321.28	1/4	2,963.50	1/4	2,605.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,742.76	1/2	4,386.02	1/2	4,029.28	1/2	3,671.61	1/2	3,313.83	1/2	2,956.04	1/2	2,598.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,735.33	3/4	4,378.59	3/4	4,021.85	3/4	3,664.15	3/4	3,306.37	3/4	2,948.59	3/4	2,590.81
11	11	11	11	11	11	11	11	11	4,727.90	11	4,371.16	11	4,014.42	11	3,656.70	11	3,298.92	11	2,941.14	11	2,583.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,720.47	1/4	4,363.73	1/4	4,006.99	1/4	3,649.25	1/4	3,291.46	1/4	2,933.68	1/4	2,575.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,713.03	1/2	4,356.29	1/2	3,999.55	1/2	3,641.79	1/2	3,284.01	1/2	2,926.23	1/2	2,568.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,705.60	3/4	4,348.86	3/4	3,992.12	3/4	3,634.34	3/4	3,276.56	3/4	2,918.77	3/4	2,560.98

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29179"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

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	2,553.53	0	2,195.64	0	1,837.75	0	1,479.86	0	1,121.97	0	764.59	0	408.58	0	89.57	0			
1/4	2,546.07	1/4	2,188.18	1/4	1,830.29	1/4	1,472.41	1/4	1,114.52	1/4	757.13	1/4	401.43	1/4	83.49	1/4			1/4
1/2	2,538.61	1/2	2,180.73	1/2	1,822.84	1/2	1,464.95	1/2	1,107.06	1/2	749.68	1/2	394.28	1/2	77.40	1/2			1/2
3/4	2,531.16	3/4	2,173.27	3/4	1,815.38	3/4	1,457.49	3/4	1,099.61	3/4	742.22	3/4	387.13	3/4	71.31	3/4			3/4
1	2,523.70	1	2,165.81	1	1,807.93	1	1,450.04	1	1,092.16	1	734.77	1	380.07	1	65.33	1			1
1/4	2,516.25	1/4	2,158.36	1/4	1,800.47	1/4	1,442.58	1/4	1,084.71	1/4	727.31	1/4	373.01	1/4	59.36	1/4			1/4
1/2	2,508.79	1/2	2,150.90	1/2	1,793.01	1/2	1,435.13	1/2	1,077.26	1/2	719.85	1/2	365.95	1/2	53.38	1/2			1/2
3/4	2,501.33	3/4	2,143.45	3/4	1,785.56	3/4	1,427.67	3/4	1,069.81	3/4	712.40	3/4	358.89	3/4	47.41	3/4			3/4
2	2,493.88	2	2,135.99	2	1,778.10	2	1,420.21	2	1,062.36	2	704.94	2	351.91	2	42.42	2			2
1/4	2,486.42	1/4	2,128.53	1/4	1,770.65	1/4	1,412.76	1/4	1,054.91	1/4	697.49	1/4	344.94	1/4	37.43	1/4			1/4
1/2	2,478.97	1/2	2,121.08	1/2	1,763.19	1/2	1,405.30	1/2	1,047.46	1/2	690.03	1/2	337.96	1/2	32.43	1/2			1/2
3/4	2,471.51	3/4	2,113.62	3/4	1,755.73	3/4	1,397.85	3/4	1,040.01	3/4	682.57	3/4	330.99	3/4	27.44	3/4			3/4
3	2,464.05	3	2,106.17	3	1,748.28	3	1,390.39	3	1,032.57	3	675.12	3	324.10	3	24.40	3			3
1/4	2,456.60	1/4	2,098.71	1/4	1,740.82	1/4	1,382.93	1/4	1,025.12	1/4	667.66	1/4	317.21	1/4	21.36	1/4			1/4
1/2	2,449.14	1/2	2,091.25	1/2	1,733.37	1/2	1,375.48	1/2	1,017.68	1/2	660.21	1/2	310.33	1/2	18.32	1/2			1/2
3/4	2,441.69	3/4	2,083.80	3/4	1,725.91	3/4	1,368.02	3/4	1,010.24	3/4	652.75	3/4	303.44	3/4	15.28	3/4			3/4
4	2,434.23	4	2,076.34	4	1,718.45	4	1,360.57	4	1,002.80	4	645.29	4	296.64	4		4			4
1/4	2,426.77	1/4	2,068.89	1/4	1,711.00	1/4	1,353.11	1/4	995.36	1/4	637.84	1/4	289.84	1/4		1/4			1/4
1/2	2,419.32	1/2	2,061.43	1/2	1,703.54	1/2	1,345.65	1/2	987.91	1/2	630.38	1/2	283.04	1/2		1/2			1/2
3/4	2,411.86	3/4	2,053.97	3/4	1,696.09	3/4	1,338.20	3/4	980.47	3/4	622.93	3/4	276.24	3/4		3/4			3/4
5	2,404.41	5	2,046.52	5	1,688.63	5	1,330.74	5	973.03	5	615.47	5	269.53	5		5			5
1/4	2,396.95	1/4	2,039.06	1/4	1,681.17	1/4	1,323.29	1/4	965.59	1/4	608.01	1/4	262.82	1/4		1/4			1/4
1/2	2,389.49	1/2	2,031.61	1/2	1,673.72	1/2	1,315.83	1/2	958.15	1/2	600.56	1/2	256.11	1/2		1/2			1/2
3/4	2,382.04	3/4	2,024.15	3/4	1,666.26	3/4	1,308.37	3/4	950.71	3/4	593.10	3/4	249.39	3/4		3/4			3/4
6	2,374.58	6	2,016.69	6	1,658.81	6	1,300.92	6	943.26	6	585.65	6	242.77	6		6			6
1/4	2,367.13	1/4	2,009.24	1/4	1,651.35	1/4	1,293.46	1/4	935.82	1/4	578.19	1/4	236.15	1/4		1/4			1/4
1/2	2,359.67	1/2	2,001.78	1/2	1,643.89	1/2	1,286.01	1/2	928.38	1/2	570.73	1/2	229.52	1/2		1/2			1/2
3/4	2,352.21	3/4	1,994.33	3/4	1,636.44	3/4	1,278.55	3/4	920.94	3/4	563.28	3/4	222.90	3/4		3/4			3/4
7	2,344.76	7	1,986.87	7	1,628.98	7	1,271.09	7	913.50	7	555.82	7	216.36	7		7			7
1/4	2,337.30	1/4	1,979.41	1/4	1,621.53	1/4	1,263.64	1/4	906.05	1/4	548.37	1/4	209.82	1/4		1/4			1/4
1/2	2,329.85	1/2	1,971.96	1/2	1,614.07	1/2	1,256.18	1/2	898.61	1/2	540.91	1/2	203.29	1/2		1/2			1/2
3/4	2,322.39	3/4	1,964.50	3/4	1,606.61	3/4	1,248.73	3/4	891.17	3/4	533.45	3/4	196.75	3/4		3/4			3/4
8	2,314.93	8	1,957.05	8	1,599.16	8	1,241.27	8	883.73	8	526.00	8	190.30	8		8			8
1/4	2,307.48	1/4	1,949.59	1/4	1,591.70	1/4	1,233.81	1/4	876.29	1/4	518.54	1/4	183.85	1/4		1/4			1/4
1/2	2,300.02	1/2	1,942.13	1/2	1,584.25	1/2	1,226.36	1/2	868.85	1/2	511.09	1/2	177.40	1/2		1/2			1/2
3/4	2,292.57	3/4	1,934.68	3/4	1,576.79	3/4	1,218.90	3/4	861.40	3/4	503.63	3/4	170.95	3/4		3/4			3/4
9	2,285.11	9	1,927.22	9	1,569.33	9	1,211.45	9	853.96	9	496.22	9	164.59	9		9			9
1/4	2,277.65	1/4	1,919.77	1/4	1,561.88	1/4	1,203.99	1/4	846.52	1/4	488.80	1/4	158.23	1/4		1/4			1/4
1/2	2,270.20	1/2	1,912.31	1/2	1,554.42	1/2	1,196.53	1/2	839.08	1/2	481.39	1/2	151.87	1/2		1/2			1/2
3/4	2,262.74	3/4	1,904.85	3/4	1,546.97	3/4	1,189.08	3/4	831.64	3/4	473.98	3/4	145.50	3/4		3/4			3/4
10	2,255.29	10	1,897.40	10	1,539.51	10	1,181.62	10	824.19	10	466.66	10	139.23	10		10			10
1/4	2,247.83	1/4	1,889.94	1/4	1,532.05	1/4	1,174.17	1/4	816.75	1/4	459.33	1/4	132.95	1/4		1/4			1/4
1/2	2,240.37	1/2	1,882.49	1/2	1,524.60	1/2	1,166.71	1/2	809.31	1/2	452.01	1/2	126.68	1/2		1/2			1/2
3/4	2,232.92	3/4	1,875.03	3/4	1,517.14	3/4	1,159.25	3/4	801.87	3/4	444.68	3/4	120.41	3/4		3/4			3/4
11	2,225.46	11	1,867.57	11	1,509.69	11	1,151.80	11	794.41	11	437.44	11	114.22	11		11			11
1/4	2,218.01	1/4	1,860.12	1/4	1,502.23	1/4	1,144.34	1/4	786.96	1/4	430.21	1/4	108.03	1/4		1/4			1/4
1/2	2,210.55	1/2	1,852.66	1/2	1,494.77	1/2	1,136.89	1/2	779.50	1/2	422.97	1/2	101.85	1/2		1/2			1/2
3/4	2,203.09	3/4	1,845.21	3/4	1,487.32	3/4	1,129.43	3/4	772.05	3/4	415.73	3/4	95.66	3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/09/2020 CL
CALCULATED: 05/12/2026 JS
NAME CHANGE: 05/12/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

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



BARGE "KIRBY 29179"

2 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0		0	4,762.63	0	4,404.69	0	4,046.73	0	3,687.75	0	3,328.78	0	2,969.77		
1/4		1/4		1/4		1/4		1/4	4,755.17	1/4	4,397.24	1/4	4,039.26	1/4	3,680.27	1/4	3,321.28	1/4	2,962.29		
1/2		1/2		1/2		1/2		1/2	4,747.71	1/2	4,389.78	1/2	4,031.78	1/2	3,672.79	1/2	3,313.80	1/2	2,954.81		
3/4		3/4		3/4		3/4		3/4	5,083.00	3/4	4,740.26	3/4	4,382.32	3/4	4,024.30	3/4	3,665.31	3/4	3,306.32	3/4	2,947.34
1		1		1		1		1	5,077.79	1	4,732.80	1	4,374.86	1	4,016.82	1	3,657.83	1	3,298.84	1	2,939.86
1/4		1/4		1/4		1/4		1/4	5,072.58	1/4	4,725.34	1/4	4,367.41	1/4	4,009.34	1/4	3,650.35	1/4	3,291.37	1/4	2,932.38
1/2		1/2		1/2		1/2		1/2	5,067.37	1/2	4,717.89	1/2	4,359.95	1/2	4,001.86	1/2	3,642.87	1/2	3,283.89	1/2	2,924.90
3/4		3/4		3/4		3/4		3/4	5,062.16	3/4	4,710.43	3/4	4,352.49	3/4	3,994.38	3/4	3,635.39	3/4	3,276.41	3/4	2,917.42
2		2		2		2		2	5,055.71	2	4,702.97	2	4,345.04	2	3,986.90	2	3,627.92	2	3,268.93	2	2,909.94
1/4		1/4		1/4		1/4		1/4	5,049.25	1/4	4,695.52	1/4	4,337.58	1/4	3,979.42	1/4	3,620.44	1/4	3,261.45	1/4	2,902.46
1/2		1/2		1/2		1/2		1/2	5,042.79	1/2	4,688.06	1/2	4,330.12	1/2	3,971.95	1/2	3,612.96	1/2	3,253.97	1/2	2,894.98
3/4		3/4		3/4		3/4		3/4	5,036.34	3/4	4,680.60	3/4	4,322.67	3/4	3,964.47	3/4	3,605.48	3/4	3,246.49	3/4	2,887.50
3		3		3		3		3	5,029.02	3	4,673.14	3	4,315.21	3	3,956.99	3	3,598.00	3	3,239.01	3	2,880.03
1/4		1/4		1/4		1/4		1/4	5,021.70	1/4	4,665.69	1/4	4,307.75	1/4	3,949.51	1/4	3,590.52	1/4	3,231.53	1/4	2,872.55
1/2		1/2		1/2		1/2		1/2	5,014.38	1/2	4,658.23	1/2	4,300.29	1/2	3,942.03	1/2	3,583.04	1/2	3,224.06	1/2	2,865.07
3/4		3/4		3/4		3/4		3/4	5,007.06	3/4	4,650.77	3/4	4,292.84	3/4	3,934.55	3/4	3,575.56	3/4	3,216.58	3/4	2,857.59
4		4		4		4		4	4,999.68	4	4,643.32	4	4,285.38	4	3,927.07	4	3,568.08	4	3,209.10	4	2,850.11
1/4		1/4		1/4		1/4		1/4	4,992.30	1/4	4,635.86	1/4	4,277.92	1/4	3,919.59	1/4	3,560.61	1/4	3,201.62	1/4	2,842.63
1/2		1/2		1/2		1/2		1/2	4,984.93	1/2	4,628.40	1/2	4,270.47	1/2	3,912.11	1/2	3,553.13	1/2	3,194.14	1/2	2,835.15
3/4		3/4		3/4		3/4		3/4	4,977.55	3/4	4,620.95	3/4	4,263.01	3/4	3,904.64	3/4	3,545.65	3/4	3,186.66	3/4	2,827.67
5		5		5		5		5	4,970.16	5	4,613.49	5	4,255.55	5	3,897.16	5	3,538.17	5	3,179.18	5	2,820.19
1/4		1/4		1/4		1/4		1/4	4,962.78	1/4	4,606.03	1/4	4,248.10	1/4	3,889.68	1/4	3,530.69	1/4	3,171.70	1/4	2,812.72
1/2		1/2		1/2		1/2		1/2	4,955.39	1/2	4,598.57	1/2	4,240.64	1/2	3,882.20	1/2	3,523.21	1/2	3,164.22	1/2	2,805.24
3/4		3/4		3/4		3/4		3/4	4,948.00	3/4	4,591.12	3/4	4,233.18	3/4	3,874.72	3/4	3,515.73	3/4	3,156.75	3/4	2,797.76
6		6		6		6		6	4,940.61	6	4,583.66	6	4,225.72	6	3,867.24	6	3,508.25	6	3,149.27	6	2,790.28
1/4		1/4		1/4		1/4		1/4	4,933.22	1/4	4,576.20	1/4	4,218.27	1/4	3,859.76	1/4	3,500.77	1/4	3,141.79	1/4	2,782.80
1/2		1/2		1/2		1/2		1/2	4,925.83	1/2	4,568.75	1/2	4,210.81	1/2	3,852.28	1/2	3,493.30	1/2	3,134.31	1/2	2,775.32
3/4		3/4		3/4		3/4		3/4	4,918.44	3/4	4,561.29	3/4	4,203.35	3/4	3,844.80	3/4	3,485.82	3/4	3,126.83	3/4	2,767.84
7		7		7		7		7	4,911.05	7	4,553.83	7	4,195.90	7	3,837.33	7	3,478.34	7	3,119.35	7	2,760.36
1/4		1/4		1/4		1/4		1/4	4,903.66	1/4	4,546.38	1/4	4,188.44	1/4	3,829.85	1/4	3,470.86	1/4	3,111.87	1/4	2,752.88
1/2		1/2		1/2		1/2		1/2	4,896.26	1/2	4,538.92	1/2	4,180.98	1/2	3,822.37	1/2	3,463.38	1/2	3,104.39	1/2	2,745.41
3/4		3/4		3/4		3/4		3/4	4,888.87	3/4	4,531.46	3/4	4,173.53	3/4	3,814.89	3/4	3,455.90	3/4	3,096.91	3/4	2,737.93
8		8		8		8		8	4,881.48	8	4,524.00	8	4,166.07	8	3,807.41	8	3,448.42	8	3,089.44	8	2,730.45
1/4		1/4		1/4		1/4		1/4	4,874.09	1/4	4,516.55	1/4	4,158.61	1/4	3,799.93	1/4	3,440.94	1/4	3,081.96	1/4	2,722.97
1/2		1/2		1/2		1/2		1/2	4,866.70	1/2	4,509.09	1/2	4,151.15	1/2	3,792.45	1/2	3,433.46	1/2	3,074.48	1/2	2,715.49
3/4		3/4		3/4		3/4		3/4	4,859.31	3/4	4,501.63	3/4	4,143.70	3/4	3,784.97	3/4	3,425.99	3/4	3,067.00	3/4	2,708.01
9		9		9		9		9	4,851.92	9	4,494.18	9	4,136.24	9	3,777.49	9	3,418.51	9	3,059.52	9	2,700.53
1/4		1/4		1/4		1/4		1/4	4,844.52	1/4	4,486.72	1/4	4,128.78	1/4	3,770.01	1/4	3,411.03	1/4	3,052.04	1/4	2,693.05
1/2		1/2		1/2		1/2		1/2	4,837.13	1/2	4,479.26	1/2	4,121.33	1/2	3,762.54	1/2	3,403.55	1/2	3,044.56	1/2	2,685.57
3/4		3/4		3/4		3/4		3/4	4,829.74	3/4	4,471.81	3/4	4,113.87	3/4	3,755.06	3/4	3,396.07	3/4	3,037.08	3/4	2,678.10
10		10		10		10		10	4,822.28	10	4,464.35	10	4,106.41	10	3,747.58	10	3,388.59	10	3,029.60	10	2,670.62
1/4		1/4		1/4		1/4		1/4	4,814.83	1/4	4,456.89	1/4	4,098.96	1/4	3,740.10	1/4	3,381.11	1/4	3,022.12	1/4	2,663.14
1/2		1/2		1/2		1/2		1/2	4,807.37	1/2	4,449.43	1/2	4,091.50	1/2	3,732.62	1/2	3,373.63	1/2	3,014.65	1/2	2,655.66
3/4		3/4		3/4		3/4		3/4	4,799.91	3/4	4,441.98	3/4	4,084.04	3/4	3,725.14	3/4	3,366.15	3/4	3,007.17	3/4	2,648.18
11		11		11		11		11	4,792.46	11	4,434.52	11	4,076.58	11	3,717.66	11	3,358.68	11	2,999.69	11	2,640.70
1/4		1/4		1/4		1/4		1/4	4,785.00	1/4	4,427.06	1/4	4,069.13	1/4	3,710.18	1/4	3,351.20	1/4	2,992.21	1/4	2,633.22
1/2		1/2		1/2		1/2		1/2	4,777.54	1/2	4,419.61	1/2	4,061.67	1/2	3,702.70	1/2	3,343.72	1/2	2,984.73	1/2	2,625.74
3/4		3/4		3/4		3/4		3/4	4,770.09	3/4	4,412.15	3/4	4,054.21	3/4	3,695.23	3/4	3,336.24	3/4	2,977.25	3/4	2,618.26

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29179"

2 PORT ULLAGE TABLE HERMETIC

GUAGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

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	2,610.79	0	2,251.80	0	1,892.81	0	1,533.82	0	1,175.12	0	830.32	0	471.33	0	112.36	0			
1/4	2,603.31	1/4	2,244.32	1/4	1,885.33	1/4	1,526.34	1/4	1,167.92	1/4	822.84	1/4	463.85	1/4	104.89	1/4			
1/2	2,595.83	1/2	2,236.84	1/2	1,877.85	1/2	1,518.87	1/2	1,160.73	1/2	815.36	1/2	456.38	1/2	97.43	1/2			
3/4	2,588.35	3/4	2,229.36	3/4	1,870.37	3/4	1,511.39	3/4	1,153.53	3/4	807.88	3/4	448.90	3/4	89.96	3/4			
1	2,580.87	1	2,221.88	1	1,862.90	1	1,503.91	1	1,146.35	1	800.41	1	441.42	1	82.52	1			
1/4	2,573.39	1/4	2,214.40	1/4	1,855.42	1/4	1,496.43	1/4	1,139.17	1/4	792.93	1/4	433.94	1/4	75.07	1/4			
1/2	2,565.91	1/2	2,206.92	1/2	1,847.94	1/2	1,488.95	1/2	1,131.99	1/2	785.45	1/2	426.46	1/2	67.63	1/2			
3/4	2,558.43	3/4	2,199.45	3/4	1,840.46	3/4	1,481.47	3/4	1,124.81	3/4	777.97	3/4	418.98	3/4	60.19	3/4			
2	2,550.95	2	2,191.97	2	1,832.98	2	1,473.99	2	1,117.63	2	770.49	2	411.50	2	53.65	2			
1/4	2,543.48	1/4	2,184.49	1/4	1,825.50	1/4	1,466.51	1/4	1,110.45	1/4	763.01	1/4	404.02	1/4	47.10	1/4			
1/2	2,536.00	1/2	2,177.01	1/2	1,818.02	1/2	1,459.03	1/2	1,103.27	1/2	755.53	1/2	396.54	1/2	40.56	1/2			
3/4	2,528.52	3/4	2,169.53	3/4	1,810.54	3/4	1,451.56	3/4	1,096.09	3/4	748.05	3/4	389.07	3/4	34.02	3/4			
3	2,521.04	3	2,162.05	3	1,803.06	3	1,444.08	3	1,088.92	3	740.57	3	381.59	3	29.34	3			
1/4	2,513.56	1/4	2,154.57	1/4	1,795.59	1/4	1,436.60	1/4	1,081.74	1/4	733.09	1/4	374.11	1/4	24.67	1/4			
1/2	2,506.08	1/2	2,147.09	1/2	1,788.11	1/2	1,429.12	1/2	1,074.57	1/2	725.62	1/2	366.63	1/2	19.99	1/2			
3/4	2,498.60	3/4	2,139.61	3/4	1,780.63	3/4	1,421.64	3/4	1,067.40	3/4	718.14	3/4	359.15	3/4	15.32	3/4			
4	2,491.12	4	2,132.14	4	1,773.15	4	1,414.16	4	1,060.23	4	710.66	4	351.67	4		4			
1/4	2,483.64	1/4	2,124.66	1/4	1,765.67	1/4	1,406.68	1/4	1,053.06	1/4	703.18	1/4	344.19	1/4		1/4			
1/2	2,476.17	1/2	2,117.18	1/2	1,758.19	1/2	1,399.20	1/2	1,045.88	1/2	695.70	1/2	336.71	1/2		1/2			
3/4	2,468.69	3/4	2,109.70	3/4	1,750.71	3/4	1,391.72	3/4	1,038.71	3/4	688.22	3/4	329.23	3/4		3/4			
5	2,461.21	5	2,102.22	5	1,743.23	5	1,384.25	5	1,031.54	5	680.74	5	321.76	5		5			
1/4	2,453.73	1/4	2,094.74	1/4	1,735.75	1/4	1,376.77	1/4	1,024.37	1/4	673.26	1/4	314.28	1/4		1/4			
1/2	2,446.25	1/2	2,087.26	1/2	1,728.28	1/2	1,369.29	1/2	1,017.20	1/2	665.78	1/2	306.80	1/2		1/2			
3/4	2,438.77	3/4	2,079.78	3/4	1,720.80	3/4	1,361.81	3/4	1,010.02	3/4	658.31	3/4	299.32	3/4		3/4			
6	2,431.29	6	2,072.30	6	1,713.32	6	1,354.33	6	1,002.85	6	650.83	6	291.84	6		6			
1/4	2,423.81	1/4	2,064.83	1/4	1,705.84	1/4	1,346.85	1/4	995.68	1/4	643.35	1/4	284.36	1/4		1/4			
1/2	2,416.33	1/2	2,057.35	1/2	1,698.36	1/2	1,339.37	1/2	988.51	1/2	635.87	1/2	276.88	1/2		1/2			
3/4	2,408.86	3/4	2,049.87	3/4	1,690.88	3/4	1,331.89	3/4	981.34	3/4	628.39	3/4	269.40	3/4		3/4			
7	2,401.38	7	2,042.39	7	1,683.40	7	1,324.41	7	974.16	7	620.91	7	261.92	7		7			
1/4	2,393.90	1/4	2,034.91	1/4	1,675.92	1/4	1,316.94	1/4	966.99	1/4	613.43	1/4	254.45	1/4		1/4			
1/2	2,386.42	1/2	2,027.43	1/2	1,668.44	1/2	1,309.46	1/2	959.82	1/2	605.95	1/2	246.97	1/2		1/2			
3/4	2,378.94	3/4	2,019.95	3/4	1,660.97	3/4	1,301.98	3/4	952.65	3/4	598.47	3/4	239.49	3/4		3/4			
8	2,371.46	8	2,012.47	8	1,653.49	8	1,294.50	8	945.48	8	591.00	8	232.01	8		8			
1/4	2,363.98	1/4	2,004.99	1/4	1,646.01	1/4	1,287.02	1/4	938.30	1/4	583.52	1/4	224.53	1/4		1/4			
1/2	2,356.50	1/2	1,997.52	1/2	1,638.53	1/2	1,279.54	1/2	931.13	1/2	576.04	1/2	217.05	1/2		1/2			
3/4	2,349.02	3/4	1,990.04	3/4	1,631.05	3/4	1,272.06	3/4	923.96	3/4	568.56	3/4	209.57	3/4		3/4			
9	2,341.55	9	1,982.56	9	1,623.57	9	1,264.58	9	916.79	9	561.08	9	202.09	9		9			
1/4	2,334.07	1/4	1,975.08	1/4	1,616.09	1/4	1,257.10	1/4	909.62	1/4	553.60	1/4	194.61	1/4		1/4			
1/2	2,326.59	1/2	1,967.60	1/2	1,608.61	1/2	1,249.63	1/2	902.44	1/2	546.12	1/2	187.14	1/2		1/2			
3/4	2,319.11	3/4	1,960.12	3/4	1,601.13	3/4	1,242.15	3/4	895.27	3/4	538.64	3/4	179.66	3/4		3/4			
10	2,311.63	10	1,952.64	10	1,593.66	10	1,234.67	10	888.10	10	531.16	10	172.18	10		10			
1/4	2,304.15	1/4	1,945.16	1/4	1,586.18	1/4	1,227.19	1/4	880.93	1/4	523.69	1/4	164.70	1/4		1/4			
1/2	2,296.67	1/2	1,937.68	1/2	1,578.70	1/2	1,219.71	1/2	873.76	1/2	516.21	1/2	157.22	1/2		1/2			
3/4	2,289.19	3/4	1,930.21	3/4	1,571.22	3/4	1,212.23	3/4	866.58	3/4	508.73	3/4	149.74	3/4		3/4			
11	2,281.71	11	1,922.73	11	1,563.74	11	1,204.75	11	859.39	11	501.25	11	142.26	11		11			
1/4	2,274.23	1/4	1,915.25	1/4	1,556.26	1/4	1,197.27	1/4	852.19	1/4	493.77	1/4	134.79	1/4		1/4			
1/2	2,266.76	1/2	1,907.77	1/2	1,548.78	1/2	1,189.79	1/2	845.00	1/2	486.29	1/2	127.31	1/2		1/2			
3/4	2,259.28	3/4	1,900.29	3/4	1,541.30	3/4	1,182.32	3/4	837.80	3/4	478.81	3/4	119.83	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/09/2020 CL
CALCULATED: 05/12/2026 JS
NAME CHANGE: 05/12/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

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



BARGE "KIRBY 29179"

2 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0		0	4,776.02	0	4,418.17	0	4,060.30	0	3,701.42	0	3,342.54	0	2,983.65		
1/4		1/4		1/4		1/4		1/4	4,768.56	1/4	4,410.72	1/4	4,052.82	1/4	3,693.94	1/4	3,335.06	1/4	2,976.18		
1/2		1/2		1/2		1/2		1/2	4,761.11	1/2	4,403.26	1/2	4,045.35	1/2	3,686.46	1/2	3,327.58	1/2	2,968.70		
3/4		3/4		3/4		3/4		3/4	5,096.08	3/4	4,753.65	3/4	4,395.80	3/4	4,037.87	3/4	3,678.99	3/4	3,320.11	3/4	2,961.22
1		1		1		1		1	5,090.88	1	4,746.20	1	4,388.35	1	4,030.39	1	3,671.51	1	3,312.63	1	2,953.75
1/4		1/4		1/4		1/4		1/4	5,085.68	1/4	4,738.74	1/4	4,380.89	1/4	4,022.92	1/4	3,664.03	1/4	3,305.15	1/4	2,946.27
1/2		1/2		1/2		1/2		1/2	5,080.47	1/2	4,731.29	1/2	4,373.44	1/2	4,015.44	1/2	3,656.56	1/2	3,297.68	1/2	2,938.79
3/4		3/4		3/4		3/4		3/4	5,075.27	3/4	4,723.83	3/4	4,365.98	3/4	4,007.96	3/4	3,649.08	3/4	3,290.20	3/4	2,931.32
2		2		2		2		2	5,068.82	2	4,716.38	2	4,358.53	2	4,000.49	2	3,641.60	2	3,282.72	2	2,923.84
1/4		1/4		1/4		1/4		1/4	5,062.37	1/4	4,708.92	1/4	4,351.07	1/4	3,993.01	1/4	3,634.13	1/4	3,275.25	1/4	2,916.36
1/2		1/2		1/2		1/2		1/2	5,055.93	1/2	4,701.47	1/2	4,343.62	1/2	3,985.53	1/2	3,626.65	1/2	3,267.77	1/2	2,908.89
3/4		3/4		3/4		3/4		3/4	5,049.48	3/4	4,694.01	3/4	4,336.16	3/4	3,978.06	3/4	3,619.17	3/4	3,260.29	3/4	2,901.41
3		3		3		3		3	5,042.16	3	4,686.56	3	4,328.71	3	3,970.58	3	3,611.70	3	3,252.82	3	2,893.93
1/4		1/4		1/4		1/4		1/4	5,034.85	1/4	4,679.10	1/4	4,321.25	1/4	3,963.10	1/4	3,604.22	1/4	3,245.34	1/4	2,886.46
1/2		1/2		1/2		1/2		1/2	5,027.54	1/2	4,671.65	1/2	4,313.80	1/2	3,955.63	1/2	3,596.74	1/2	3,237.86	1/2	2,878.98
3/4		3/4		3/4		3/4		3/4	5,020.23	3/4	4,664.19	3/4	4,306.34	3/4	3,948.15	3/4	3,589.27	3/4	3,230.39	3/4	2,871.50
4		4		4		4		4	5,012.86	4	4,656.74	4	4,298.89	4	3,940.67	4	3,581.79	4	3,222.91	4	2,864.03
1/4		1/4		1/4		1/4		1/4	5,005.49	1/4	4,649.28	1/4	4,291.43	1/4	3,933.20	1/4	3,574.31	1/4	3,215.43	1/4	2,856.55
1/2		1/2		1/2		1/2		1/2	4,998.12	1/2	4,641.83	1/2	4,283.98	1/2	3,925.72	1/2	3,566.84	1/2	3,207.96	1/2	2,849.07
3/4		3/4		3/4		3/4		3/4	4,990.75	3/4	4,634.37	3/4	4,276.52	3/4	3,918.24	3/4	3,559.36	3/4	3,200.48	3/4	2,841.60
5		5		5		5		5	4,983.37	5	4,626.92	5	4,269.07	5	3,910.77	5	3,551.88	5	3,193.00	5	2,834.12
1/4		1/4		1/4		1/4		1/4	4,975.99	1/4	4,619.46	1/4	4,261.61	1/4	3,903.29	1/4	3,544.41	1/4	3,185.53	1/4	2,826.64
1/2		1/2		1/2		1/2		1/2	4,968.61	1/2	4,612.01	1/2	4,254.16	1/2	3,895.81	1/2	3,536.93	1/2	3,178.05	1/2	2,819.17
3/4		3/4		3/4		3/4		3/4	4,961.22	3/4	4,604.55	3/4	4,246.70	3/4	3,888.34	3/4	3,529.45	3/4	3,170.57	3/4	2,811.69
6		6		6		6		6	4,953.84	6	4,597.10	6	4,239.25	6	3,880.86	6	3,521.98	6	3,163.10	6	2,804.21
1/4		1/4		1/4		1/4		1/4	4,946.46	1/4	4,589.64	1/4	4,231.79	1/4	3,873.38	1/4	3,514.50	1/4	3,155.62	1/4	2,796.74
1/2		1/2		1/2		1/2		1/2	4,939.07	1/2	4,582.18	1/2	4,224.34	1/2	3,865.91	1/2	3,507.02	1/2	3,148.14	1/2	2,789.26
3/4		3/4		3/4		3/4		3/4	4,931.69	3/4	4,574.73	3/4	4,216.88	3/4	3,858.43	3/4	3,499.55	3/4	3,140.67	3/4	2,781.78
7		7		7		7		7	4,924.31	7	4,567.27	7	4,209.42	7	3,850.95	7	3,492.07	7	3,133.19	7	2,774.31
1/4		1/4		1/4		1/4		1/4	4,916.93	1/4	4,559.82	1/4	4,201.97	1/4	3,843.47	1/4	3,484.59	1/4	3,125.71	1/4	2,766.83
1/2		1/2		1/2		1/2		1/2	4,909.55	1/2	4,552.36	1/2	4,194.51	1/2	3,836.00	1/2	3,477.12	1/2	3,118.24	1/2	2,759.35
3/4		3/4		3/4		3/4		3/4	4,902.17	3/4	4,544.91	3/4	4,187.06	3/4	3,828.52	3/4	3,469.64	3/4	3,110.76	3/4	2,751.88
8		8		8		8		8	4,894.78	8	4,537.45	8	4,179.60	8	3,821.04	8	3,462.16	8	3,103.28	8	2,744.40
1/4		1/4		1/4		1/4		1/4	4,887.40	1/4	4,530.00	1/4	4,172.15	1/4	3,813.57	1/4	3,454.69	1/4	3,095.80	1/4	2,736.92
1/2		1/2		1/2		1/2		1/2	4,880.02	1/2	4,522.54	1/2	4,164.69	1/2	3,806.09	1/2	3,447.21	1/2	3,088.33	1/2	2,729.45
3/4		3/4		3/4		3/4		3/4	4,872.64	3/4	4,515.09	3/4	4,157.24	3/4	3,798.61	3/4	3,439.73	3/4	3,080.85	3/4	2,721.97
9		9		9		9		9	4,865.26	9	4,507.63	9	4,149.78	9	3,791.14	9	3,432.26	9	3,073.37	9	2,714.49
1/4		1/4		1/4		1/4		1/4	4,857.88	1/4	4,500.18	1/4	4,142.33	1/4	3,783.66	1/4	3,424.78	1/4	3,065.90	1/4	2,707.02
1/2		1/2		1/2		1/2		1/2	4,850.50	1/2	4,492.72	1/2	4,134.87	1/2	3,776.18	1/2	3,417.30	1/2	3,058.42	1/2	2,699.54
3/4		3/4		3/4		3/4		3/4	4,843.12	3/4	4,485.27	3/4	4,127.42	3/4	3,768.71	3/4	3,409.83	3/4	3,050.94	3/4	2,692.06
10		10		10		10		10	4,835.66	10	4,477.81	10	4,119.96	10	3,761.23	10	3,402.35	10	3,043.47	10	2,684.59
1/4		1/4		1/4		1/4		1/4	4,828.21	1/4	4,470.36	1/4	4,112.51	1/4	3,753.75	1/4	3,394.87	1/4	3,035.99	1/4	2,677.11
1/2		1/2		1/2		1/2		1/2	4,820.75	1/2	4,462.90	1/2	4,105.05	1/2	3,746.28	1/2	3,387.40	1/2	3,028.51	1/2	2,669.63
3/4		3/4		3/4		3/4		3/4	4,813.30	3/4	4,455.45	3/4	4,097.60	3/4	3,738.80	3/4	3,379.92	3/4	3,021.04	3/4	2,662.16
11		11		11		11		11	4,805.84	11	4,447.99	11	4,090.14	11	3,731.32	11	3,372.44	11	3,013.56	11	2,654.68
1/4		1/4		1/4		1/4		1/4	4,798.39	1/4	4,440.54	1/4	4,082.69	1/4	3,723.85	1/4	3,364.97	1/4	3,006.08	1/4	2,647.20
1/2		1/2		1/2		1/2		1/2	4,790.93	1/2	4,433.08	1/2	4,075.23	1/2	3,716.37	1/2	3,357.49	1/2	2,998.61	1/2	2,639.72
3/4		3/4		3/4		3/4		3/4	4,783.48	3/4	4,425.63	3/4	4,067.78	3/4	3,708.89	3/4	3,350.01	3/4	2,991.13	3/4	2,632.24

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29179"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

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	2,624.76	0	2,265.77	0	1,906.79	0	1,547.80	0	1,188.81	0	830.33	0	471.34	0	112.37	0			
1/4	2,617.28	1/4	2,258.30	1/4	1,899.31	1/4	1,540.32	1/4	1,181.33	1/4	822.85	1/4	463.86	1/4	104.90	1/4			
1/2	2,609.80	1/2	2,250.82	1/2	1,891.83	1/2	1,532.84	1/2	1,173.86	1/2	815.37	1/2	456.38	1/2	97.43	1/2			
3/4	2,602.33	3/4	2,243.34	3/4	1,884.35	3/4	1,525.36	3/4	1,166.38	3/4	807.89	3/4	448.90	3/4	89.96	3/4			
1	2,594.85	1	2,235.86	1	1,876.87	1	1,517.88	1	1,158.90	1	800.41	1	441.42	1	82.52	1			
1/4	2,587.37	1/4	2,228.38	1/4	1,869.39	1/4	1,510.41	1/4	1,151.43	1/4	792.93	1/4	433.95	1/4	75.08	1/4			
1/2	2,579.89	1/2	2,220.90	1/2	1,861.91	1/2	1,502.93	1/2	1,143.96	1/2	785.45	1/2	426.47	1/2	67.64	1/2			
3/4	2,572.41	3/4	2,213.42	3/4	1,854.44	3/4	1,495.45	3/4	1,136.48	3/4	777.98	3/4	418.99	3/4	60.19	3/4			
2	2,564.93	2	2,205.94	2	1,846.96	2	1,487.97	2	1,129.01	2	770.50	2	411.51	2	53.65	2			
1/4	2,557.45	1/4	2,198.46	1/4	1,839.48	1/4	1,480.49	1/4	1,121.54	1/4	763.02	1/4	404.03	1/4	47.11	1/4			
1/2	2,549.97	1/2	2,190.99	1/2	1,832.00	1/2	1,473.01	1/2	1,114.06	1/2	755.54	1/2	396.55	1/2	40.57	1/2			
3/4	2,542.49	3/4	2,183.51	3/4	1,824.52	3/4	1,465.53	3/4	1,106.59	3/4	748.06	3/4	389.07	3/4	34.02	3/4			
3	2,535.02	3	2,176.03	3	1,817.04	3	1,458.05	3	1,099.12	3	740.58	3	381.59	3	29.35	3			
1/4	2,527.54	1/4	2,168.55	1/4	1,809.56	1/4	1,450.57	1/4	1,091.66	1/4	733.10	1/4	374.11	1/4	24.68	1/4			
1/2	2,520.06	1/2	2,161.07	1/2	1,802.08	1/2	1,443.10	1/2	1,084.20	1/2	725.62	1/2	366.64	1/2	20.00	1/2			
3/4	2,512.58	3/4	2,153.59	3/4	1,794.60	3/4	1,435.62	3/4	1,076.73	3/4	718.14	3/4	359.16	3/4	15.32	3/4			
4	2,505.10	4	2,146.11	4	1,787.13	4	1,428.14	4	1,069.27	4	710.67	4	351.68	4		4			
1/4	2,497.62	1/4	2,138.63	1/4	1,779.65	1/4	1,420.66	1/4	1,061.80	1/4	703.19	1/4	344.20	1/4		1/4			
1/2	2,490.14	1/2	2,131.15	1/2	1,772.17	1/2	1,413.18	1/2	1,054.34	1/2	695.71	1/2	336.72	1/2		1/2			
3/4	2,482.66	3/4	2,123.68	3/4	1,764.69	3/4	1,405.70	3/4	1,046.87	3/4	688.23	3/4	329.24	3/4		3/4			
5	2,475.18	5	2,116.20	5	1,757.21	5	1,398.22	5	1,039.41	5	680.75	5	321.76	5		5			
1/4	2,467.70	1/4	2,108.72	1/4	1,749.73	1/4	1,390.74	1/4	1,031.94	1/4	673.27	1/4	314.28	1/4		1/4			
1/2	2,460.23	1/2	2,101.24	1/2	1,742.25	1/2	1,383.26	1/2	1,024.48	1/2	665.79	1/2	306.80	1/2		1/2			
3/4	2,452.75	3/4	2,093.76	3/4	1,734.77	3/4	1,375.79	3/4	1,017.01	3/4	658.31	3/4	299.33	3/4		3/4			
6	2,445.27	6	2,086.28	6	1,727.29	6	1,368.31	6	1,009.55	6	650.83	6	291.85	6		6			
1/4	2,437.79	1/4	2,078.80	1/4	1,719.81	1/4	1,360.83	1/4	1,002.08	1/4	643.35	1/4	284.37	1/4		1/4			
1/2	2,430.31	1/2	2,071.32	1/2	1,712.34	1/2	1,353.35	1/2	994.62	1/2	635.88	1/2	276.89	1/2		1/2			
3/4	2,422.83	3/4	2,063.84	3/4	1,704.86	3/4	1,345.87	3/4	987.16	3/4	628.40	3/4	269.41	3/4		3/4			
7	2,415.35	7	2,056.37	7	1,697.38	7	1,338.39	7	979.69	7	620.92	7	261.93	7		7			
1/4	2,407.87	1/4	2,048.89	1/4	1,689.90	1/4	1,330.91	1/4	972.23	1/4	613.44	1/4	254.45	1/4		1/4			
1/2	2,400.39	1/2	2,041.41	1/2	1,682.42	1/2	1,323.43	1/2	964.76	1/2	605.96	1/2	246.97	1/2		1/2			
3/4	2,392.92	3/4	2,033.93	3/4	1,674.94	3/4	1,315.95	3/4	957.30	3/4	598.48	3/4	239.49	3/4		3/4			
8	2,385.44	8	2,026.45	8	1,667.46	8	1,308.48	8	949.83	8	591.00	8	232.02	8		8			
1/4	2,377.96	1/4	2,018.97	1/4	1,659.98	1/4	1,301.00	1/4	942.37	1/4	583.52	1/4	224.54	1/4		1/4			
1/2	2,370.48	1/2	2,011.49	1/2	1,652.50	1/2	1,293.52	1/2	934.90	1/2	576.04	1/2	217.06	1/2		1/2			
3/4	2,363.00	3/4	2,004.01	3/4	1,645.03	3/4	1,286.04	3/4	927.44	3/4	568.57	3/4	209.58	3/4		3/4			
9	2,355.52	9	1,996.53	9	1,637.55	9	1,278.56	9	919.97	9	561.09	9	202.10	9		9			
1/4	2,348.04	1/4	1,989.06	1/4	1,630.07	1/4	1,271.08	1/4	912.51	1/4	553.61	1/4	194.62	1/4		1/4			
1/2	2,340.56	1/2	1,981.58	1/2	1,622.59	1/2	1,263.60	1/2	905.04	1/2	546.13	1/2	187.14	1/2		1/2			
3/4	2,333.08	3/4	1,974.10	3/4	1,615.11	3/4	1,256.12	3/4	897.58	3/4	538.65	3/4	179.66	3/4		3/4			
10	2,325.61	10	1,966.62	10	1,607.63	10	1,248.64	10	890.12	10	531.17	10	172.18	10		10			
1/4	2,318.13	1/4	1,959.14	1/4	1,600.15	1/4	1,241.17	1/4	882.65	1/4	523.69	1/4	164.71	1/4		1/4			
1/2	2,310.65	1/2	1,951.66	1/2	1,592.67	1/2	1,233.69	1/2	875.19	1/2	516.21	1/2	157.23	1/2		1/2			
3/4	2,303.17	3/4	1,944.18	3/4	1,585.19	3/4	1,226.21	3/4	867.72	3/4	508.73	3/4	149.75	3/4		3/4			
11	2,295.69	11	1,936.70	11	1,577.72	11	1,218.73	11	860.24	11	501.26	11	142.27	11		11			
1/4	2,288.21	1/4	1,929.22	1/4	1,570.24	1/4	1,211.25	1/4	852.76	1/4	493.78	1/4	134.79	1/4		1/4			
1/2	2,280.73	1/2	1,921.75	1/2	1,562.76	1/2	1,203.77	1/2	845.29	1/2	486.30	1/2	127.31	1/2		1/2			
3/4	2,273.25	3/4	1,914.27	3/4	1,555.28	3/4	1,196.29	3/4	837.81	3/4	478.82	3/4	119.84	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/09/2020 CL
CALCULATED: 05/12/2026 JS
NAME CHANGE: 05/12/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

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



BARGE "KIRBY 29179"

3 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,258.37	0	4,039.32	0	3,820.26	0	3,600.60	0	3,310.66	0	2,954.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,253.80	1/4	4,034.75	1/4	3,815.68	1/4	3,596.02	1/4	3,303.25	1/4	2,947.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,249.24	1/2	4,030.19	1/2	3,811.11	1/2	3,591.44	1/2	3,295.85	1/2	2,939.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,454.30	3/4	4,244.68	3/4	4,025.63	3/4	3,806.53	3/4	3,586.87	3/4	3,288.45
1		1		1		1		1	4,451.12	1	4,240.11	1	4,021.06	1	3,801.95	1	3,582.29	1	3,281.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,447.93	1/4	4,235.55	1/4	4,016.50	1/4	3,797.38	1/4	3,577.71	1/4	3,273.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,444.75	1/2	4,230.99	1/2	4,011.94	1/2	3,792.80	1/2	3,573.14	1/2	3,266.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,441.56	3/4	4,226.42	3/4	4,007.37	3/4	3,788.22	3/4	3,568.56	3/4	3,258.84
2		2		2		2		2	4,437.61	2	4,221.86	2	4,002.81	2	3,783.65	2	3,563.98	2	3,251.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,433.67	1/4	4,217.29	1/4	3,998.25	1/4	3,779.07	1/4	3,559.41	1/4	3,244.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,429.72	1/2	4,212.73	1/2	3,993.68	1/2	3,774.49	1/2	3,554.83	1/2	3,236.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,425.77	3/4	4,208.17	3/4	3,989.12	3/4	3,769.92	3/4	3,550.26	3/4	3,229.24
3		3		3		3		3	4,421.30	3	4,203.60	3	3,984.56	3	3,765.34	3	3,545.44	3	3,221.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,416.82	1/4	4,199.04	1/4	3,979.99	1/4	3,760.77	1/4	3,540.62	1/4	3,214.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,412.34	1/2	4,194.48	1/2	3,975.43	1/2	3,756.19	1/2	3,535.81	1/2	3,207.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,407.87	3/4	4,189.91	3/4	3,970.87	3/4	3,751.61	3/4	3,530.99	3/4	3,199.63
4		4		4		4		4	4,403.36	4	4,185.35	4	3,966.30	4	3,747.04	4	3,525.73	4	3,192.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,398.85	1/4	4,180.79	1/4	3,961.74	1/4	3,742.46	1/4	3,520.48	1/4	3,184.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,394.33	1/2	4,176.22	1/2	3,957.18	1/2	3,737.88	1/2	3,515.22	1/2	3,177.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,389.82	3/4	4,171.66	3/4	3,952.61	3/4	3,733.31	3/4	3,509.96	3/4	3,169.91
5		5		5		5		5	4,385.30	5	4,167.10	5	3,948.05	5	3,728.73	5	3,504.22	5	3,162.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,380.78	1/4	4,162.53	1/4	3,943.48	1/4	3,724.16	1/4	3,498.48	1/4	3,155.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,376.26	1/2	4,157.97	1/2	3,938.92	1/2	3,719.58	1/2	3,492.75	1/2	3,147.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,371.74	3/4	4,153.41	3/4	3,934.36	3/4	3,715.00	3/4	3,487.01	3/4	3,140.19
6		6		6		6		6	4,367.22	6	4,148.84	6	3,929.79	6	3,710.43	6	3,480.80	6	3,132.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,362.71	1/4	4,144.28	1/4	3,925.23	1/4	3,705.85	1/4	3,474.60	1/4	3,125.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,358.19	1/2	4,139.72	1/2	3,920.67	1/2	3,701.27	1/2	3,468.39	1/2	3,117.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,353.67	3/4	4,135.15	3/4	3,916.10	3/4	3,696.70	3/4	3,462.18	3/4	3,110.46
7		7		7		7		7	4,349.15	7	4,130.59	7	3,911.54	7	3,692.12	7	3,455.50	7	3,103.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,344.63	1/4	4,126.02	1/4	3,906.98	1/4	3,687.54	1/4	3,448.82	1/4	3,095.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,340.11	1/2	4,121.46	1/2	3,902.41	1/2	3,682.97	1/2	3,442.14	1/2	3,088.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,335.59	3/4	4,116.90	3/4	3,897.85	3/4	3,678.39	3/4	3,435.45	3/4	3,080.74
8		8		8		8		8	4,331.07	8	4,112.33	8	3,893.29	8	3,673.82	8	3,428.29	8	3,073.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,326.55	1/4	4,107.77	1/4	3,888.72	1/4	3,669.24	1/4	3,421.13	1/4	3,065.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,322.03	1/2	4,103.21	1/2	3,884.16	1/2	3,664.66	1/2	3,413.97	1/2	3,058.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,317.51	3/4	4,098.64	3/4	3,879.60	3/4	3,660.09	3/4	3,406.81	3/4	3,051.02
9		9		9		9		9	4,313.00	9	4,094.08	9	3,875.03	9	3,655.51	9	3,399.42	9	3,043.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,308.48	1/4	4,089.52	1/4	3,870.47	1/4	3,650.93	1/4	3,392.03	1/4	3,036.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,303.96	1/2	4,084.95	1/2	3,865.91	1/2	3,646.36	1/2	3,384.64	1/2	3,028.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,299.44	3/4	4,080.39	3/4	3,861.34	3/4	3,641.78	3/4	3,377.26	3/4	3,021.30
10		10		10		10		10	4,294.87	10	4,075.83	10	3,856.78	10	3,637.21	10	3,369.86	10	3,013.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,290.31	1/4	4,071.26	1/4	3,852.21	1/4	3,632.63	1/4	3,362.46	1/4	3,006.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,285.75	1/2	4,066.70	1/2	3,847.65	1/2	3,628.05	1/2	3,355.06	1/2	2,999.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,281.18	3/4	4,062.14	3/4	3,843.09	3/4	3,623.48	3/4	3,347.66	3/4	2,991.58
11		11		11		11		11	4,276.62	11	4,057.57	11	3,838.52	11	3,618.90	11	3,340.26	11	2,984.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,272.06	1/4	4,053.01	1/4	3,833.96	1/4	3,614.32	1/4	3,332.86	1/4	2,976.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,267.49	1/2	4,048.45	1/2	3,829.40	1/2	3,609.75	1/2	3,325.46	1/2	2,969.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,262.93	3/4	4,043.88	3/4	3,824.83	3/4	3,605.17	3/4	3,318.06	3/4	2,961.86

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29179"

3 PORT ULLAGE TABLE HERMETIC

GUAGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

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	2,597.77	0	2,240.86	0	1,884.41	0	1,527.68	0	1,170.85	0	826.66	0	469.57	0	112.01	0			
1/4	2,590.34	1/4	2,233.42	1/4	1,876.99	1/4	1,520.24	1/4	1,163.61	1/4	819.28	1/4	462.13	1/4	104.57	1/4			
1/2	2,582.90	1/2	2,225.99	1/2	1,869.57	1/2	1,512.81	1/2	1,156.38	1/2	811.90	1/2	454.68	1/2	97.12	1/2			
3/4	2,575.47	3/4	2,218.55	3/4	1,862.15	3/4	1,505.37	3/4	1,149.15	3/4	804.52	3/4	447.24	3/4	89.68	3/4			
1	2,568.04	1	2,211.12	1	1,854.73	1	1,497.93	1	1,141.93	1	797.08	1	439.80	1	82.26	1			
1/4	2,560.61	1/4	2,203.68	1/4	1,847.30	1/4	1,490.49	1/4	1,134.72	1/4	789.64	1/4	432.35	1/4	74.84	1/4			
1/2	2,553.18	1/2	2,196.25	1/2	1,839.88	1/2	1,483.05	1/2	1,127.50	1/2	782.19	1/2	424.91	1/2	67.42	1/2			
3/4	2,545.75	3/4	2,188.81	3/4	1,832.46	3/4	1,475.61	3/4	1,120.28	3/4	774.75	3/4	417.47	3/4	60.00	3/4			
2	2,538.32	2	2,181.38	2	1,825.04	2	1,468.17	2	1,113.07	2	767.31	2	410.02	2	53.48	2			
1/4	2,530.88	1/4	2,173.94	1/4	1,817.62	1/4	1,460.74	1/4	1,105.85	1/4	759.86	1/4	402.58	1/4	46.96	1/4			
1/2	2,523.45	1/2	2,166.51	1/2	1,810.19	1/2	1,453.30	1/2	1,098.63	1/2	752.42	1/2	395.14	1/2	40.44	1/2			
3/4	2,516.02	3/4	2,159.07	3/4	1,802.77	3/4	1,445.86	3/4	1,091.41	3/4	744.98	3/4	387.69	3/4	33.92	3/4			
3	2,508.59	3	2,151.64	3	1,795.35	3	1,438.42	3	1,084.27	3	737.53	3	380.25	3	29.26	3			
1/4	2,501.16	1/4	2,144.20	1/4	1,787.93	1/4	1,430.98	1/4	1,077.12	1/4	730.09	1/4	372.81	1/4	24.60	1/4			
1/2	2,493.73	1/2	2,136.77	1/2	1,780.51	1/2	1,423.54	1/2	1,069.97	1/2	722.64	1/2	365.36	1/2	19.94	1/2			
3/4	2,486.30	3/4	2,129.33	3/4	1,773.08	3/4	1,416.11	3/4	1,062.83	3/4	715.20	3/4	357.92	3/4	15.28	3/4			
4	2,478.86	4	2,121.90	4	1,765.66	4	1,408.67	4	1,055.68	4	707.76	4	350.47	4		4			
1/4	2,471.43	1/4	2,114.46	1/4	1,758.24	1/4	1,401.23	1/4	1,048.53	1/4	700.31	1/4	343.03	1/4		1/4			
1/2	2,464.00	1/2	2,107.03	1/2	1,750.82	1/2	1,393.79	1/2	1,041.39	1/2	692.87	1/2	335.59	1/2		1/2			
3/4	2,456.57	3/4	2,099.59	3/4	1,743.40	3/4	1,386.35	3/4	1,034.24	3/4	685.43	3/4	328.14	3/4		3/4			
5	2,449.14	5	2,092.18	5	1,735.96	5	1,378.91	5	1,027.09	5	677.98	5	320.70	5		5			
1/4	2,441.71	1/4	2,084.76	1/4	1,728.52	1/4	1,371.48	1/4	1,019.95	1/4	670.54	1/4	313.26	1/4		1/4			
1/2	2,434.27	1/2	2,077.35	1/2	1,721.08	1/2	1,364.04	1/2	1,012.80	1/2	663.10	1/2	305.81	1/2		1/2			
3/4	2,426.84	3/4	2,069.93	3/4	1,713.64	3/4	1,356.60	3/4	1,005.65	3/4	655.65	3/4	298.37	3/4		3/4			
6	2,419.40	6	2,062.52	6	1,706.20	6	1,349.16	6	998.51	6	648.21	6	290.92	6		6			
1/4	2,411.96	1/4	2,055.10	1/4	1,698.77	1/4	1,341.72	1/4	991.36	1/4	640.77	1/4	283.46	1/4		1/4			
1/2	2,404.52	1/2	2,047.69	1/2	1,691.33	1/2	1,334.28	1/2	984.21	1/2	633.32	1/2	276.01	1/2		1/2			
3/4	2,397.08	3/4	2,040.28	3/4	1,683.89	3/4	1,326.85	3/4	977.07	3/4	625.88	3/4	268.55	3/4		3/4			
7	2,389.64	7	2,032.85	7	1,676.45	7	1,319.41	7	969.92	7	618.44	7	261.10	7		7			
1/4	2,382.20	1/4	2,025.43	1/4	1,669.01	1/4	1,311.97	1/4	962.77	1/4	610.99	1/4	253.64	1/4		1/4			
1/2	2,374.76	1/2	2,018.01	1/2	1,661.57	1/2	1,304.53	1/2	955.63	1/2	603.55	1/2	246.19	1/2		1/2			
3/4	2,367.32	3/4	2,010.59	3/4	1,654.13	3/4	1,297.09	3/4	948.48	3/4	596.11	3/4	238.73	3/4		3/4			
8	2,359.88	8	2,003.17	8	1,646.70	8	1,289.65	8	941.33	8	588.66	8	231.28	8		8			
1/4	2,352.44	1/4	1,995.74	1/4	1,639.26	1/4	1,282.21	1/4	934.19	1/4	581.22	1/4	223.82	1/4		1/4			
1/2	2,345.00	1/2	1,988.32	1/2	1,631.82	1/2	1,274.78	1/2	927.04	1/2	573.78	1/2	216.37	1/2		1/2			
3/4	2,337.56	3/4	1,980.90	3/4	1,624.38	3/4	1,267.34	3/4	919.89	3/4	566.33	3/4	208.91	3/4		3/4			
9	2,330.12	9	1,973.48	9	1,616.94	9	1,259.90	9	912.74	9	558.89	9	201.46	9		9			
1/4	2,322.68	1/4	1,966.06	1/4	1,609.50	1/4	1,252.46	1/4	905.60	1/4	551.45	1/4	194.00	1/4		1/4			
1/2	2,315.24	1/2	1,958.63	1/2	1,602.07	1/2	1,245.02	1/2	898.45	1/2	544.00	1/2	186.55	1/2		1/2			
3/4	2,307.80	3/4	1,951.21	3/4	1,594.63	3/4	1,237.58	3/4	891.30	3/4	536.56	3/4	179.09	3/4		3/4			
10	2,300.35	10	1,943.79	10	1,587.19	10	1,230.15	10	884.16	10	529.12	10	171.64	10		10			
1/4	2,292.91	1/4	1,936.37	1/4	1,579.75	1/4	1,222.71	1/4	877.01	1/4	521.67	1/4	164.18	1/4		1/4			
1/2	2,285.47	1/2	1,928.95	1/2	1,572.31	1/2	1,215.27	1/2	869.86	1/2	514.23	1/2	156.73	1/2		1/2			
3/4	2,278.03	3/4	1,921.52	3/4	1,564.87	3/4	1,207.83	3/4	862.72	3/4	506.79	3/4	149.27	3/4		3/4			
11	2,270.60	11	1,914.10	11	1,557.44	11	1,200.39	11	855.55	11	499.34	11	141.82	11		11			
1/4	2,263.16	1/4	1,906.68	1/4	1,550.00	1/4	1,192.95	1/4	848.38	1/4	491.90	1/4	134.36	1/4		1/4			
1/2	2,255.73	1/2	1,899.26	1/2	1,542.56	1/2	1,185.52	1/2	841.21	1/2	484.46	1/2	126.91	1/2		1/2			
3/4	2,248.29	3/4	1,891.84	3/4	1,535.12	3/4	1,178.08	3/4	834.04	3/4	477.01	3/4	119.46	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/09/2020 CL
CALCULATED: 05/12/2026 JS
NAME CHANGE: 05/12/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

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



BARGE "KIRBY 29179"

3 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,270.93	0	4,052.00	0	3,833.05	0	3,613.53	0	3,320.60	0	2,963.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,266.36	1/4	4,047.44	1/4	3,828.48	1/4	3,608.95	1/4	3,313.18	1/4	2,956.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,471.29	1/2	4,261.80	1/2	4,042.88	1/2	3,823.91	1/2	3,604.38	1/2	3,305.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,468.11	3/4	4,257.24	3/4	4,038.32	3/4	3,819.33	3/4	3,599.81	3/4	3,298.36
1	1	1	1	1	1	1	1	1	4,464.92	1	4,252.68	1	4,033.76	1	3,814.76	1	3,595.23	1	3,290.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,461.74	1/4	4,248.12	1/4	4,029.20	1/4	3,810.19	1/4	3,590.66	1/4	3,283.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,458.56	1/2	4,243.56	1/2	4,024.64	1/2	3,805.61	1/2	3,586.08	1/2	3,276.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,454.61	3/4	4,239.00	3/4	4,020.08	3/4	3,801.04	3/4	3,581.51	3/4	3,268.72
2	2	2	2	2	2	2	2	2	4,450.67	2	4,234.44	2	4,015.51	2	3,796.47	2	3,576.94	2	3,261.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,446.72	1/4	4,229.88	1/4	4,010.95	1/4	3,791.89	1/4	3,572.36	1/4	3,253.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,442.78	1/2	4,225.32	1/2	4,006.39	1/2	3,787.32	1/2	3,567.79	1/2	3,246.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,438.31	3/4	4,220.76	3/4	4,001.83	3/4	3,782.75	3/4	3,562.98	3/4	3,239.08
3	3	3	3	3	3	3	3	3	4,433.83	3	4,216.19	3	3,997.27	3	3,778.17	3	3,558.16	3	3,231.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,429.36	1/4	4,211.63	1/4	3,992.71	1/4	3,773.60	1/4	3,553.35	1/4	3,224.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,424.88	1/2	4,207.07	1/2	3,988.15	1/2	3,769.02	1/2	3,548.54	1/2	3,216.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,420.38	3/4	4,202.51	3/4	3,983.59	3/4	3,764.45	3/4	3,543.28	3/4	3,209.40
4	4	4	4	4	4	4	4	4	4,415.87	4	4,197.95	4	3,979.03	4	3,759.88	4	3,538.03	4	3,201.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,411.36	1/4	4,193.39	1/4	3,974.47	1/4	3,755.30	1/4	3,532.77	1/4	3,194.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,406.85	1/2	4,188.83	1/2	3,969.91	1/2	3,750.73	1/2	3,527.52	1/2	3,187.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,402.34	3/4	4,184.27	3/4	3,965.35	3/4	3,746.16	3/4	3,521.78	3/4	3,179.65
5	5	5	5	5	5	5	5	5	4,397.82	5	4,179.71	5	3,960.78	5	3,741.58	5	3,516.05	5	3,172.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,393.31	1/4	4,175.15	1/4	3,956.22	1/4	3,737.01	1/4	3,510.32	1/4	3,164.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,388.79	1/2	4,170.59	1/2	3,951.66	1/2	3,732.44	1/2	3,504.58	1/2	3,157.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,384.27	3/4	4,166.02	3/4	3,947.10	3/4	3,727.86	3/4	3,498.37	3/4	3,149.89
6	6	6	6	6	6	6	6	6	4,379.76	6	4,161.46	6	3,942.54	6	3,723.29	6	3,492.16	6	3,142.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,375.24	1/4	4,156.90	1/4	3,937.98	1/4	3,718.72	1/4	3,485.94	1/4	3,135.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,370.72	1/2	4,152.34	1/2	3,933.42	1/2	3,714.14	1/2	3,479.73	1/2	3,127.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,366.21	3/4	4,147.78	3/4	3,928.86	3/4	3,709.57	3/4	3,473.04	3/4	3,120.13
7	7	7	7	7	7	7	7	7	4,361.69	7	4,143.22	7	3,924.30	7	3,705.00	7	3,466.35	7	3,112.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,357.18	1/4	4,138.66	1/4	3,919.74	1/4	3,700.42	1/4	3,459.65	1/4	3,105.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,352.66	1/2	4,134.10	1/2	3,915.18	1/2	3,695.85	1/2	3,452.96	1/2	3,097.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,348.14	3/4	4,129.54	3/4	3,910.61	3/4	3,691.28	3/4	3,445.79	3/4	3,090.37
8	8	8	8	8	8	8	8	8	4,343.63	8	4,124.98	8	3,906.05	8	3,686.70	8	3,438.62	8	3,082.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,339.11	1/4	4,120.42	1/4	3,901.49	1/4	3,682.13	1/4	3,431.45	1/4	3,075.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,334.60	1/2	4,115.85	1/2	3,896.93	1/2	3,677.55	1/2	3,424.28	1/2	3,068.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,330.08	3/4	4,111.29	3/4	3,892.37	3/4	3,672.98	3/4	3,416.88	3/4	3,060.62
9	9	9	9	9	9	9	9	9	4,325.57	9	4,106.73	9	3,887.81	9	3,668.41	9	3,409.48	9	3,053.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,321.05	1/4	4,102.17	1/4	3,883.25	1/4	3,663.83	1/4	3,402.09	1/4	3,045.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,316.53	1/2	4,097.61	1/2	3,878.69	1/2	3,659.26	1/2	3,394.69	1/2	3,038.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,311.97	3/4	4,093.05	3/4	3,874.13	3/4	3,654.69	3/4	3,387.28	3/4	3,030.86
10	10	10	10	10	10	10	10	10	4,307.41	10	4,088.49	10	3,869.57	10	3,650.11	10	3,379.88	10	3,023.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,302.85	1/4	4,083.93	1/4	3,865.01	1/4	3,645.54	1/4	3,372.47	1/4	3,015.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,298.29	1/2	4,079.37	1/2	3,860.44	1/2	3,640.97	1/2	3,365.06	1/2	3,008.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,293.73	3/4	4,074.81	3/4	3,855.88	3/4	3,636.39	3/4	3,357.65	3/4	3,001.10
11	11	11	11	11	11	11	11	11	4,289.17	11	4,070.25	11	3,851.32	11	3,631.82	11	3,350.24	11	2,993.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,284.61	1/4	4,065.68	1/4	3,846.76	1/4	3,627.25	1/4	3,342.83	1/4	2,986.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,280.05	1/2	4,061.12	1/2	3,842.20	1/2	3,622.67	1/2	3,335.42	1/2	2,978.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,275.49	3/4	4,056.56	3/4	3,837.63	3/4	3,618.10	3/4	3,328.01	3/4	2,971.34

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29179"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 110"

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	2,606.81	0	2,249.43	0	1,891.85	0	1,534.26	0	1,176.68	0	819.61	0	462.03	0	104.48	0			
1/4	2,599.37	1/4	2,241.98	1/4	1,884.40	1/4	1,526.81	1/4	1,169.23	1/4	812.16	1/4	454.58	1/4	97.04	1/4			
1/2	2,591.93	1/2	2,234.53	1/2	1,876.95	1/2	1,519.36	1/2	1,161.78	1/2	804.71	1/2	447.13	1/2	89.61	1/2			
3/4	2,584.49	3/4	2,227.08	3/4	1,869.50	3/4	1,511.91	3/4	1,154.33	3/4	797.26	3/4	439.68	3/4	82.19	3/4			
1	2,577.05	1	2,219.63	1	1,862.05	1	1,504.46	1	1,146.89	1	789.81	1	432.23	1	74.78	1			
1/4	2,569.61	1/4	2,212.19	1/4	1,854.60	1/4	1,497.01	1/4	1,139.45	1/4	782.36	1/4	424.79	1/4	67.37	1/4			
1/2	2,562.17	1/2	2,204.74	1/2	1,847.15	1/2	1,489.56	1/2	1,132.00	1/2	774.91	1/2	417.34	1/2	59.95	1/2			
3/4	2,554.73	3/4	2,197.29	3/4	1,839.70	3/4	1,482.11	3/4	1,124.56	3/4	767.46	3/4	409.89	3/4	53.44	3/4			
2	2,547.29	2	2,189.84	2	1,832.25	2	1,474.66	2	1,117.11	2	760.01	2	402.44	2	46.92	2			
1/4	2,539.85	1/4	2,182.39	1/4	1,824.80	1/4	1,467.22	1/4	1,109.67	1/4	752.56	1/4	394.99	1/4	40.40	1/4			
1/2	2,532.41	1/2	2,174.94	1/2	1,817.35	1/2	1,459.77	1/2	1,102.23	1/2	745.11	1/2	387.54	1/2	33.89	1/2			
3/4	2,524.97	3/4	2,167.49	3/4	1,809.90	3/4	1,452.32	3/4	1,094.79	3/4	737.66	3/4	380.09	3/4	29.23	3/4			
3	2,517.53	3	2,160.04	3	1,802.45	3	1,444.87	3	1,087.36	3	730.21	3	372.64	3	24.57	3			
1/4	2,510.09	1/4	2,152.59	1/4	1,795.00	1/4	1,437.42	1/4	1,079.92	1/4	722.77	1/4	365.19	1/4	19.92	1/4			
1/2	2,502.65	1/2	2,145.14	1/2	1,787.55	1/2	1,429.97	1/2	1,072.49	1/2	715.32	1/2	357.74	1/2	15.26	1/2			
3/4	2,495.21	3/4	2,137.69	3/4	1,780.10	3/4	1,422.52	3/4	1,065.05	3/4	707.87	3/4	350.29	3/4		3/4			
4	2,487.77	4	2,130.24	4	1,772.65	4	1,415.07	4	1,057.62	4	700.42	4	342.84	4		4			
1/4	2,480.33	1/4	2,122.79	1/4	1,765.20	1/4	1,407.62	1/4	1,050.18	1/4	692.97	1/4	335.39	1/4		1/4			
1/2	2,472.89	1/2	2,115.34	1/2	1,757.75	1/2	1,400.17	1/2	1,042.75	1/2	685.52	1/2	327.94	1/2		1/2			
3/4	2,465.45	3/4	2,107.89	3/4	1,750.30	3/4	1,392.72	3/4	1,035.31	3/4	678.07	3/4	320.49	3/4		3/4			
5	2,458.01	5	2,100.44	5	1,742.85	5	1,385.27	5	1,027.88	5	670.62	5	313.04	5		5			
1/4	2,450.57	1/4	2,092.99	1/4	1,735.40	1/4	1,377.82	1/4	1,020.44	1/4	663.17	1/4	305.59	1/4		1/4			
1/2	2,443.13	1/2	2,085.54	1/2	1,727.95	1/2	1,370.37	1/2	1,013.01	1/2	655.72	1/2	298.14	1/2		1/2			
3/4	2,435.68	3/4	2,078.09	3/4	1,720.51	3/4	1,362.92	3/4	1,005.57	3/4	648.27	3/4	290.69	3/4		3/4			
6	2,428.23	6	2,070.64	6	1,713.06	6	1,355.47	6	998.14	6	640.82	6	283.24	6		6			
1/4	2,420.78	1/4	2,063.19	1/4	1,705.61	1/4	1,348.02	1/4	990.70	1/4	633.37	1/4	275.80	1/4		1/4			
1/2	2,413.33	1/2	2,055.74	1/2	1,698.16	1/2	1,340.57	1/2	983.27	1/2	625.92	1/2	268.35	1/2		1/2			
3/4	2,405.88	3/4	2,048.29	3/4	1,690.71	3/4	1,333.12	3/4	975.83	3/4	618.47	3/4	260.90	3/4		3/4			
7	2,398.43	7	2,040.84	7	1,683.26	7	1,325.67	7	968.40	7	611.02	7	253.45	7		7			
1/4	2,390.98	1/4	2,033.39	1/4	1,675.81	1/4	1,318.22	1/4	960.96	1/4	603.57	1/4	246.00	1/4		1/4			
1/2	2,383.53	1/2	2,025.94	1/2	1,668.36	1/2	1,310.77	1/2	953.53	1/2	596.12	1/2	238.55	1/2		1/2			
3/4	2,376.08	3/4	2,018.49	3/4	1,660.91	3/4	1,303.32	3/4	946.09	3/4	588.67	3/4	231.10	3/4		3/4			
8	2,368.63	8	2,011.04	8	1,653.46	8	1,295.87	8	938.66	8	581.22	8	223.65	8		8			
1/4	2,361.18	1/4	2,003.59	1/4	1,646.01	1/4	1,288.42	1/4	931.22	1/4	573.78	1/4	216.20	1/4		1/4			
1/2	2,353.73	1/2	1,996.14	1/2	1,638.56	1/2	1,280.97	1/2	923.79	1/2	566.33	1/2	208.75	1/2		1/2			
3/4	2,346.28	3/4	1,988.69	3/4	1,631.11	3/4	1,273.52	3/4	916.35	3/4	558.88	3/4	201.30	3/4		3/4			
9	2,338.83	9	1,981.24	9	1,623.66	9	1,266.07	9	908.92	9	551.43	9	193.85	9		9			
1/4	2,331.38	1/4	1,973.79	1/4	1,616.21	1/4	1,258.62	1/4	901.48	1/4	543.98	1/4	186.40	1/4		1/4			
1/2	2,323.93	1/2	1,966.35	1/2	1,608.76	1/2	1,251.17	1/2	894.05	1/2	536.53	1/2	178.95	1/2		1/2			
3/4	2,316.48	3/4	1,958.90	3/4	1,601.31	3/4	1,243.72	3/4	886.61	3/4	529.08	3/4	171.50	3/4		3/4			
10	2,309.03	10	1,951.45	10	1,593.86	10	1,236.27	10	879.18	10	521.63	10	164.05	10		10			
1/4	2,301.58	1/4	1,944.00	1/4	1,586.41	1/4	1,228.82	1/4	871.74	1/4	514.18	1/4	156.60	1/4		1/4			
1/2	2,294.13	1/2	1,936.55	1/2	1,578.96	1/2	1,221.38	1/2	864.31	1/2	506.73	1/2	149.15	1/2		1/2			
3/4	2,286.68	3/4	1,929.10	3/4	1,571.51	3/4	1,213.93	3/4	856.86	3/4	499.28	3/4	141.71	3/4		3/4			
11	2,279.23	11	1,921.65	11	1,564.06	11	1,206.48	11	849.41	11	491.83	11	134.26	11		11			
1/4	2,271.78	1/4	1,914.20	1/4	1,556.61	1/4	1,199.03	1/4	841.96	1/4	484.38	1/4	126.81	1/4		1/4			
1/2	2,264.33	1/2	1,906.75	1/2	1,549.16	1/2	1,191.58	1/2	834.51	1/2	476.93	1/2	119.36	1/2		1/2			
3/4	2,256.88	3/4	1,899.30	3/4	1,541.71	3/4	1,184.13	3/4	827.06	3/4	469.48	3/4	111.92	3/4		3/4			

STRAPPED: 11/09/2020 CL
 CALCULATED: 05/12/2026 JS
 NAME CHANGE: 05/12/2026 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2026

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29179"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "TMTB 110"

GAUGE HEIGHT 4'-06 1/4"

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	101	0	259	0	416	0	517	0		0		0		0		0	
1/4	1	1/4	104	1/4	262	1/4	419	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	107	1/2	265	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	110	3/4	269	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	113	1	272	1	428	1	1	1	1	1	1	1	1	1	1	1	1
1/4	4	1/4	116	1/4	276	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	119	1/2	279	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	122	3/4	282	3/4	436	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	125	2	286	2	439	2	2	2	2	2	2	2	2	2	2	2	2
1/4	9	1/4	129	1/4	289	1/4	442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	132	1/2	293	1/2	444	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	135	3/4	296	3/4	447	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	138	3	300	3	450	3	3	3	3	3	3	3	3	3	3	3	3
1/4	15	1/4	141	1/4	303	1/4	453	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	144	1/2	306	1/2	455	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	148	3/4	310	3/4	458	3/4		3/4		3/4		3/4		3/4		3/4	
4	21	4	151	4	313	4	460	4	4	4	4	4	4	4	4	4	4	4	4
1/4	23	1/4	154	1/4	316	1/4	463	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25	1/2	157	1/2	320	1/2	465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	161	3/4	323	3/4	468	3/4		3/4		3/4		3/4		3/4		3/4	
5	29	5	164	5	327	5	470	5	5	5	5	5	5	5	5	5	5	5	5
1/4	31	1/4	167	1/4	330	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	170	1/2	333	1/2	475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	174	3/4	337	3/4	477	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	177	6	340	6	480	6	6	6	6	6	6	6	6	6	6	6	6
1/4	40	1/4	180	1/4	343	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	184	1/2	347	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	187	3/4	350	3/4	486	3/4		3/4		3/4		3/4		3/4		3/4	
7	47	7	190	7	353	7	488	7	7	7	7	7	7	7	7	7	7	7	7
1/4	49	1/4	194	1/4	356	1/4	490	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	197	1/2	360	1/2	492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	201	3/4	363	3/4	494	3/4		3/4		3/4		3/4		3/4		3/4	
8	57	8	204	8	366	8	496	8	8	8	8	8	8	8	8	8	8	8	8
1/4	59	1/4	207	1/4	369	1/4	498	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	211	1/2	373	1/2	500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	214	3/4	376	3/4	502	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	217	9	379	9	504	9	9	9	9	9	9	9	9	9	9	9	9
1/4	70	1/4	221	1/4	382	1/4	505	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	224	1/2	385	1/2	507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	228	3/4	388	3/4	508	3/4		3/4		3/4		3/4		3/4		3/4	
10	78	10	231	10	392	10	510	10	10	10	10	10	10	10	10	10	10	10	10
1/4	81	1/4	235	1/4	395	1/4	511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84	1/2	238	1/2	398	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87	3/4	241	3/4	401	3/4	513	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	245	11	404	11	514	11	11	11	11	11	11	11	11	11	11	11	11
1/4	92	1/4	248	1/4	407	1/4	515	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	252	1/2	410	1/2	516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	98	3/4	255	3/4	413	3/4	516	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.

STRAPPED: 11/09/2020 CL
CALCULATED: 05/12/2026 JS
NAME CHANGE: 05/12/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

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



BARGE "KIRBY 29179"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: TMTB 110

GAUGE HEIGHT: 5'-09"

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	606	0	1,429	0	2,297	0	3,088	0		0		0		0		0	
1/4	8	1/4	622	1/4	1,448	1/4	2,314	1/4	3,103	1/4		1/4		1/4		1/4		1/4	
1/2	15	1/2	638	1/2	1,466	1/2	2,332	1/2	3,117	1/2		1/2		1/2		1/2		1/2	
3/4	23	3/4	654	3/4	1,484	3/4	2,350	3/4	3,132	3/4		3/4		3/4		3/4		3/4	
1	30	1	670	1	1,502	1	2,367	1	3,146	1		1		1		1		1	
1/4	39	1/4	686	1/4	1,520	1/4	2,385	1/4	3,160	1/4		1/4		1/4		1/4		1/4	
1/2	49	1/2	703	1/2	1,538	1/2	2,402	1/2	3,174	1/2		1/2		1/2		1/2		1/2	
3/4	58	3/4	719	3/4	1,556	3/4	2,420	3/4	3,188	3/4		3/4		3/4		3/4		3/4	
2	67	2	735	2	1,574	2	2,437	2	3,202	2		2		2		2		2	
1/4	78	1/4	752	1/4	1,592	1/4	2,455	1/4	3,216	1/4		1/4		1/4		1/4		1/4	
1/2	88	1/2	768	1/2	1,610	1/2	2,472	1/2	3,229	1/2		1/2		1/2		1/2		1/2	
3/4	99	3/4	785	3/4	1,629	3/4	2,490	3/4	3,243	3/4		3/4		3/4		3/4		3/4	
3	110	3	801	3	1,647	3	2,507	3	3,256	3		3		3		3		3	
1/4	121	1/4	818	1/4	1,665	1/4	2,524	1/4	3,269	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	835	1/2	1,683	1/2	2,541	1/2	3,282	1/2		1/2		1/2		1/2		1/2	
3/4	144	3/4	851	3/4	1,701	3/4	2,558	3/4	3,295	3/4		3/4		3/4		3/4		3/4	
4	155	4	868	4	1,719	4	2,576	4	3,307	4		4		4		4		4	
1/4	167	1/4	885	1/4	1,738	1/4	2,593	1/4	3,320	1/4		1/4		1/4		1/4		1/4	
1/2	180	1/2	902	1/2	1,756	1/2	2,610	1/2	3,332	1/2		1/2		1/2		1/2		1/2	
3/4	192	3/4	919	3/4	1,774	3/4	2,627	3/4	3,344	3/4		3/4		3/4		3/4		3/4	
5	204	5	936	5	1,792	5	2,643	5	3,356	5		5		5		5		5	
1/4	217	1/4	953	1/4	1,810	1/4	2,660	1/4	3,368	1/4		1/4		1/4		1/4		1/4	
1/2	230	1/2	970	1/2	1,829	1/2	2,677	1/2	3,379	1/2		1/2		1/2		1/2		1/2	
3/4	243	3/4	988	3/4	1,847	3/4	2,694	3/4	3,391	3/4		3/4		3/4		3/4		3/4	
6	256	6	1,005	6	1,865	6	2,710	6	3,402	6		6		6		6		6	
1/4	269	1/4	1,022	1/4	1,883	1/4	2,727	1/4	3,413	1/4		1/4		1/4		1/4		1/4	
1/2	283	1/2	1,039	1/2	1,901	1/2	2,744	1/2	3,423	1/2		1/2		1/2		1/2		1/2	
3/4	296	3/4	1,057	3/4	1,919	3/4	2,760	3/4	3,434	3/4		3/4		3/4		3/4		3/4	
7	309	7	1,074	7	1,937	7	2,777	7	3,444	7		7		7		7		7	
1/4	323	1/4	1,092	1/4	1,956	1/4	2,793	1/4	3,454	1/4		1/4		1/4		1/4		1/4	
1/2	337	1/2	1,109	1/2	1,974	1/2	2,809	1/2	3,463	1/2		1/2		1/2		1/2		1/2	
3/4	351	3/4	1,127	3/4	1,992	3/4	2,825	3/4	3,472	3/4		3/4		3/4		3/4		3/4	
8	365	8	1,144	8	2,010	8	2,842	8	3,482	8		8		8		8		8	
1/4	380	1/4	1,162	1/4	2,028	1/4	2,857	1/4	3,489	1/4		1/4		1/4		1/4		1/4	
1/2	394	1/2	1,180	1/2	2,046	1/2	2,873	1/2	3,497	1/2		1/2		1/2		1/2		1/2	
3/4	409	3/4	1,197	3/4	2,064	3/4	2,889	3/4	3,504	3/4		3/4		3/4		3/4		3/4	
9	423	9	1,215	9	2,082	9	2,905	9	3,512	9		9		9		9		9	
1/4	438	1/4	1,233	1/4	2,100	1/4	2,921	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	453	1/2	1,250	1/2	2,118	1/2	2,937	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	468	3/4	1,268	3/4	2,136	3/4	2,952	3/4		3/4		3/4		3/4		3/4		3/4	
10	483	10	1,286	10	2,154	10	2,968	10		10		10		10		10		10	
1/4	498	1/4	1,304	1/4	2,172	1/4	2,983	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	513	1/2	1,322	1/2	2,190	1/2	2,998	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	529	3/4	1,340	3/4	2,208	3/4	3,014	3/4		3/4		3/4		3/4		3/4		3/4	
11	544	11	1,358	11	2,226	11	3,029	11		11		11		11		11		11	
1/4	559	1/4	1,376	1/4	2,243	1/4	3,044	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	575	1/2	1,394	1/2	2,261	1/2	3,059	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	591	3/4	1,412	3/4	2,279	3/4	3,074	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 04/30/2026 JS
CALCULATED: 05/01/2026 CL
PRINTED: 05/01/2026 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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