BARGE "KIRBY 29178"

ULLAGE (HERMETIC)

PREVIOUSLY: TMTB 109

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**
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	00-0/8	- 00-0/8	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"

April 1, 2026

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

http://www.pmacorp.net

BARGE "KIRBY 29178"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 17'-04 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		0		0	4,712.93	0	4,356.04	0	3,999.15	0	3,641.24	0	3,283.31	0	2,925.37
1/4		1/4		1/4		1/4		1/4	4,705.49	1/4	4,348.60	1/4	3,991.71	1/4	3,633.78	1/4	3,275.85	1/4	2,917.92
1/2		1/2		1/2		1/2		1/2	4,698.05	1/2	4,341.17	1/2	3,984.25	1/2	3,626.32	1/2	3,268.39	1/2	2,910.46
3/4		3/4		3/4		3/4		3/4	4,690.62	3/4	4,333.73	3/4	3,976.80	3/4	3,618.87	3/4	3,260.93	3/4	2,903.00
1		1		1		1		1	4,683.18	1	4,326.29	1	3,969.34	1	3,611.41	1	3,253.48	1	2,895.55
1/4		1/4		1/4		1/4	5,017.25	1/4	4,675.75	1/4	4,318.86	1/4	3,961.88	1/4	3,603.95	1/4	3,246.02	1/4	2,888.09
1/2		1/2		1/2		1/2	5,012.06	1/2	4,668.31	1/2	4,311.42	1/2	3,954.43	1/2	3,596.50	1/2	3,238.56	1/2	2,880.63
3/4		3/4		3/4		3/4	5,006.87	3/4	4,660.88	3/4	4,303.99	3/4	3,946.97	3/4	3,589.04	3/4	3,231.11	3/4	2,873.18
2		2		2		2	5,001.69	2	4,653.44	2	4,296.55	2	3,939.51	2	3,581.58	2	3,223.65	2	2,865.72
1/4		1/4		1/4		1/4	4,996.50	1/4	4,646.01	1/4	4,289.12	1/4	3,932.06	1/4	3,574.12	1/4	3,216.19	1/4	2,858.26
1/2		1/2		1/2		1/2	4,990.07	1/2	4,638.57	1/2	4,281.68	1/2	3,924.60	1/2	3,566.67	1/2	3,208.74	1/2	2,850.81
3/4		3/4		3/4		3/4	4,983.64	3/4	4,631.14	3/4	4,274.25	3/4	3,917.14	3/4	3,559.21	3/4	3,201.28	3/4	2,843.35
3		3		3		3	4,977.20	3	4,623.70	3	4,266.81	3	3,909.68	3	3,551.75	3	3,193.82	3	2,835.89
1/4		1/4		1/4		1/4	4,970.77	1/4	4,616.27	1/4	4,259.38	1/4	3,902.23	1/4	3,544.30	1/4	3,186.37	1/4	2,828.43
1/2		1/2		1/2		1/2	4,963.48	1/2	4,608.83	1/2	4,251.94	1/2	3,894.77	1/2	3,536.84	1/2	3,178.91	1/2	2,820.98
3/4		3/4		3/4		3/4	4,956.19	3/4	4,601.40	3/4	4,244.51	3/4	3,887.31	3/4	3,529.38	3/4	3,171.45	3/4	2,813.52
4		4		4		4	4,948.89	4	4,593.96	4	4,237.07	4	3,879.86	4	3,521.93	4	3,163.99	4	2,806.06
1/4		1/4		1/4		1/4	4,941.60	1/4	4,586.53	1/4	4,229.64	1/4	3,872.40	1/4	3,514.47	1/4	3,156.54	1/4	2,798.61
1/2		1/2		1/2		1/2	4,934.25	1/2	4,579.09	1/2	4,222.20	1/2	3,864.94	1/2	3,507.01	1/2	3,149.08	1/2	2,791.15
3/4		3/4		3/4		3/4	4,926.90	3/4	4,571.66	3/4	4,214.77	3/4	3,857.49	3/4	3,499.56	3/4	3,141.62	3/4	2,783.69
5		5		5		5	4,919.55	5	4,564.22	5	4,207.33	5	3,850.03	5	3,492.10	5	3,134.17	5	2,776.24
1/4		1/4		1/4		1/4	4,912.20	1/4	4,556.79	1/4	4,199.90	1/4	3,842.57	1/4	3,484.64	1/4	3,126.71	1/4	2,768.78
1/2		1/2		1/2		1/2	4,904.85	1/2	4,549.35	1/2	4,192.46	1/2	3,835.12	1/2	3,477.18	1/2	3,119.25	1/2	2,761.32
3/4		3/4		3/4		3/4	4,897.49	3/4	4,541.92	3/4	4,185.03	3/4	3,827.66	3/4	3,469.73	3/4	3,111.80	3/4	2,753.87
6		6		6		6	4,890.13	6	4,534.48	6	4,177.59	6	3,820.20	6	3,462.27	6	3,104.34	6	2,746.41
1/4		1/4		1/4		1/4	4,882.77	1/4	4,527.05	1/4	4,170.16	1/4	3,812.75	1/4	3,454.81	1/4	3,096.88	1/4	2,738.95
1/2		1/2		1/2		1/2	4,875.40	1/2	4,519.61	1/2	4,162.72	1/2	3,805.29	1/2	3,447.36	1/2	3,089.43	1/2	2,731.49
3/4		3/4		3/4		3/4	4,868.04	3/4	4,512.17	3/4	4,155.29	3/4	3,797.83	3/4	3,439.90	3/4	3,081.97	3/4	2,724.04
7		7		7		7	4,860.68	7	4,504.74	7	4,147.85	7	3,790.37	7	3,432.44	7	3,074.51	7	2,716.58
1/4		1/4		1/4		1/4	4,853.31	1/4	4,497.30	1/4	4,140.41	1/4	3,782.92	1/4	3,424.99	1/4	3,067.06	1/4	2,709.12
1/2		1/2		1/2		1/2	4,845.95	1/2	4,489.87	1/2	4,132.98	1/2	3,775.46	1/2	3,417.53	1/2	3,059.60	1/2	2,701.67
3/4		3/4		3/4		3/4	4,838.59	3/4	4,482.43	3/4	4,125.54	3/4	3,768.00	3/4	3,410.07	3/4	3,052.14	3/4	2,694.21
8		8		8		8	4,831.23	8	4,475.00	8	4,118.11	8	3,760.55	8	3,402.62	8	3,044.68	8	2,686.75
1/4		1/4		1/4		1/4	4,823.87	1/4	4,467.56	1/4	4,110.67	1/4	3,753.09	1/4	3,395.16	1/4	3,037.23	1/4	2,679.30
1/2		1/2		1/2		1/2	4,816.50	1/2	4,460.13	1/2	4,103.24	1/2	3,745.63	1/2	3,387.70	1/2	3,029.77	1/2	2,671.84
3/4		3/4		3/4		3/4	4,809.14	3/4	4,452.69	3/4	4,095.80	3/4	3,738.18	3/4	3,380.25	3/4	3,022.31	3/4	2,664.38
9		9		9		9	4,801.78	9	4,445.26	9	4,088.37	9	3,730.72	9	3,372.79	9	3,014.86	9	2,656.93
1/4		1/4		1/4		1/4	4,794.42	1/4	4,437.82	1/4	4,080.93	1/4	3,723.26	1/4	3,365.33	1/4	3,007.40	1/4	2,649.47
1/2		1/2		1/2		1/2	4,787.06	1/2	4,430.39	1/2	4,073.50	1/2	3,715.81	1/2	3,357.87	1/2	2,999.94	1/2	2,642.01
3/4		3/4		3/4		3/4	4,779.70	3/4	4,422.95	3/4	4,066.06	3/4	3,708.35	3/4	3,350.42	3/4	2,992.49	3/4	2,634.55
10		10		10		10	4,772.33	10	4,415.52	10	4,058.63	10	3,700.89	10	3,342.96	10	2,985.03	10	2,627.10
1/4		1/4		1/4		1/4	4,764.97	1/4	4,408.08	1/4	4,051.19	1/4	3,693.43	1/4	3,335.50	1/4	2,977.57	1/4	2,619.64
1/2		1/2		1/2		1/2	4,757.54	1/2	4,400.65	1/2	4,043.76	1/2	3,685.98	1/2	3,328.05	1/2	2,970.12	1/2	2,612.18
3/4		3/4		3/4		3/4	4,750.10	3/4	4,393.21	3/4	4,036.32	3/4	3,678.52	3/4	3,320.59	3/4	2,962.66	3/4	2,604.73
11		11		11		11	4,742.67	11	4,385.78	11	4,028.89	11	3,671.06	11	3,313.13	11	2,955.20	11	2,597.27
1/4		1/4		1/4		1/4	4,735.23	1/4	4,378.34	1/4	4,021.45	1/4	3,663.61	1/4	3,305.68	1/4	2,947.74	1/4	2,589.81
1/2		1/2		1/2		1/2	4,727.80	1/2	4,370.91	1/2	4,014.02	1/2	3,656.15	1/2	3,298.22	1/2	2,940.29	1/2	2,582.35
3/4		3/4		3/4		3/4	4,720.36	3/4	4,363.47	3/4	4,006.58	3/4	3,648.69	3/4	3,290.76	3/4	2,932.83	3/4	2,574.90

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" DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 29178"

1 PORT
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 17'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

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	2,567.44	0	2,209.40	0	1,851.36	0	1,493.33	0	1,135.29	0	779.75	0	423.17	0	101.90	0		0	
1/4	2,559.98	1/4	2,201.94	1/4	1,843.90	1/4	1,485.87	1/4	1,127.83	1/4	772.34	1/4	415.93	1/4	95.71	1/4		1/4	
1/2	2,552.52	1/2	2,194.48	1/2	1,836.44	1/2	1,478.41	1/2	1,120.40	1/2	764.88	1/2	408.78	1/2	89.62	1/2		1/2	
3/4	2,545.06	3/4	2,187.02	3/4	1,828.99	3/4	1,470.95	3/4	1,112.97	3/4	757.42	3/4	401.62	3/4	83.53	3/4		3/4	
1	2,537.60	1	2,179.56	1	1,821.53	1	1,463.49	1	1,105.55	1	749.96	1	394.47	1	77.44	1		1	
1/4	2,530.14	1/4	2,172.10	1/4	1,814.07	1/4	1,456.03	1/4	1,098.12	1/4	742.50	1/4	387.32	1/4	71.34	1/4		1/4	
1/2	2,522.68	1/2	2,164.64	1/2	1,806.61	1/2	1,448.57	1/2	1,090.69	1/2	735.04	1/2	380.25	1/2	65.37	1/2		1/2	
3/4	2,515.22	3/4	2,157.19	3/4	1,799.15	3/4	1,441.11	3/4	1,083.26	3/4	727.58	3/4	373.19	3/4	59.39	3/4		3/4	
2	2,507.76	2	2,149.73	2	1,791.69	2	1,433.65	2	1,075.84	2	720.12	2	366.12	2	53.41	2		2	
1/4	2,500.30	1/4	2,142.27	1/4	1,784.23	1/4	1,426.19	1/4	1,068.41	1/4	712.67	1/4	359.06	1/4	47.43	1/4		1/4	
1/2	2,492.85	1/2	2,134.81	1/2	1,776.77	1/2	1,418.73	1/2	1,061.00	1/2	705.21	1/2	352.08	1/2	42.44	1/2		1/2	
3/4	2,485.39	3/4	2,127.35	3/4	1,769.31	3/4	1,411.28	3/4	1,053.59	3/4	697.75	3/4	345.10	3/4	37.44	3/4		3/4	
3	2,477.93	3	2,119.89	3	1,761.85	3	1,403.82	3	1,046.18	3	690.29	3	338.12	3	32.45	3		3	
1/4	2,470.47	1/4	2,112.43	1/4	1,754.39	1/4	1,396.36	1/4	1,038.77	1/4	682.83	1/4	331.15	1/4	27.45	1/4		1/4	
1/2	2,463.01	1/2	2,104.97	1/2	1,746.94	1/2	1,388.90	1/2	1,031.37	1/2	675.37	1/2	324.26	1/2	24.41	1/2		1/2	
3/4	2,455.55	3/4	2,097.51	3/4	1,739.48	3/4	1,381.44	3/4	1,023.97	3/4	667.91	3/4	317.37	3/4	21.37	3/4		3/4	
4	2,448.09	4	2,090.05	4	1,732.02	4	1,373.98	4	1,016.57	4	660.45	4	310.48	4	18.33	4		4	
1/4	2,440.63	1/4	2,082.59	1/4	1,724.56	1/4	1,366.52	1/4	1,009.17	1/4	652.99	1/4	303.59	1/4	15.28	1/4		1/4	
1/2	2,433.17	1/2	2,075.14	1/2	1,717.10	1/2	1,359.06	1/2	1,001.77	1/2	645.54	1/2	296.78	1/2		1/2		1/2	
3/4	2,425.71	3/4	2,067.68	3/4	1,709.64	3/4	1,351.60	3/4	994.37	3/4	638.08	3/4	289.98	3/4		3/4		3/4	
5	2,418.25	5	2,060.22	5	1,702.18	5	1,344.14	5	986.97	5	630.62	5	283.18	5		5		5	
1/4	2,410.80	1/4	2,052.76	1/4	1,694.72	1/4	1,336.68	1/4	979.57	1/4	623.16	1/4	276.38	1/4		1/4		1/4	
1/2	2,403.34	1/2	2,045.30	1/2	1,687.26	1/2	1,329.23	1/2	972.17	1/2	615.70	1/2	269.66	1/2		1/2		1/2	
3/4	2,395.88	3/4	2,037.84	3/4	1,679.80	3/4	1,321.77	3/4	964.77	3/4	608.24	3/4	262.95	3/4		3/4		3/4	
6	2,388.42	6	2,030.38	6	1,672.34	6	1,314.31	6	957.37	6	600.78	6	256.23	6		6		6	
1/4	2,380.96	1/4	2,022.92	1/4	1,664.89	1/4	1,306.85	1/4	949.97	1/4	593.32	1/4	249.52	1/4		1/4		1/4	
1/2	2,373.50	1/2	2,015.46	1/2	1,657.43	1/2	1,299.39	1/2	942.57	1/2	585.87	1/2	242.89	1/2		1/2		1/2	
3/4	2,366.04	3/4	2,008.00	3/4	1,649.97	3/4	1,291.93	3/4	935.17	3/4	578.42	3/4	236.26	3/4		3/4		3/4	
7	2,358.58	7	2,000.54	7	1,642.51	7	1,284.47	7	927.77	7	570.96	7	229.63	7		7		7	
1/4	2,351.12	1/4	1,993.09	1/4	1,635.05	1/4	1,277.01	1/4	920.37	1/4	563.51	1/4	223.01	1/4		1/4		1/4	
1/2	2,343.66	1/2	1,985.63	1/2	1,627.59	1/2	1,269.55	1/2	912.97	1/2	556.06	1/2	216.47	1/2		1/2		1/2	
3/4	2,336.20	3/4	1,978.17	3/4	1,620.13	3/4	1,262.09	3/4	905.57	3/4	548.60	3/4	209.93	3/4		3/4		3/4	
8	2,328.75	8	1,970.71	8	1,612.67	8	1,254.63	8	898.17	8	541.15	8	203.39	8		8		8	
1/4	2,321.29	1/4	1,963.25	1/4	1,605.21	1/4	1,247.18	1/4	890.77	1/4	533.70	1/4	196.85	1/4		1/4		1/4	
1/2	2,313.83	1/2	1,955.79	1/2	1,597.75	1/2	1,239.72	1/2	883.37	1/2	526.24	1/2	190.39	1/2		1/2		1/2	
3/4	2,306.37	3/4	1,948.33	3/4	1,590.29	3/4	1,232.26	3/4	875.97	3/4	518.78	3/4	183.94	3/4		3/4		3/4	
9	2,298.91	9	1,940.87	9	1,582.84	9	1,224.80	9	868.57	9	511.32	9	177.49	9		9		9	
1/4	2,291.45	1/4	1,933.41	1/4	1,575.38	1/4	1,217.34	1/4	861.17	1/4	503.86	1/4	171.04	1/4		1/4		1/4	
1/2	2,283.99	1/2	1,925.95	1/2	1,567.92	1/2	1,209.88	1/2	853.77	1/2	496.44	1/2	164.67	1/2		1/2		1/2	
3/4	2,276.53	3/4	1,918.49	3/4	1,560.46	3/4	1,202.42	3/4	846.37	3/4	489.03	3/4	158.31	3/4		3/4		3/4	
10	2,269.07	10	1,911.04	10	1,553.00	10	1,194.96	10	838.97	10	481.61	10	151.94	10		10		10	
1/4	2,261.61	1/4	1,903.58	1/4	1,545.54	1/4	1,187.50	1/4	831.57	1/4	474.20	1/4	145.58	1/4		1/4		1/4	
1/2	2,254.15	1/2	1,896.12	1/2	1,538.08	1/2	1,180.04	1/2	824.17	1/2	466.87	1/2	139.30	1/2		1/2		1/2	
3/4	2,246.69	3/4	1,888.66	3/4	1,530.62	3/4	1,172.58	3/4	816.77	3/4	459.54	3/4	133.02	3/4		3/4		3/4	
11	2,239.24	11	1,881.20	11	1,523.16	11	1,165.13	11	809.37	11	452.22	11	126.74	11		11		11	
1/4	2,231.78	1/4	1,873.74	1/4	1,515.70	1/4	1,157.67	1/4	801.97	1/4	444.89	1/4	120.47	1/4		1/4		1/4	
1/2	2,224.32	1/2	1,866.28	1/2	1,508.24	1/2	1,150.21	1/2	794.56	1/2	437.65	1/2	114.28	1/2		1/2		1/2	
3/4	2,216.86	3/4	1,858.82	3/4	1,500.78	3/4	1,142.75	3/4	787.15	3/4	430.41	3/4	108.09	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL
RECALCULATED:04/01/2026 JS
NAME CHANGE: 04/01/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2026

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

BARGE "KIRBY 29178"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 17'-04 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		0		0	4,716.07	0	4,359.10	0	4,002.13	0	3,644.14	0	3,286.12	0	2,928.11
1/4		1/4		1/4		1/4		1/4	4,708.63	1/4	4,351.66	1/4	3,994.69	1/4	3,636.68	1/4	3,278.67	1/4	2,920.65
1/2		1/2		1/2		1/2		1/2	4,701.20	1/2	4,344.23	1/2	3,987.23	1/2	3,629.22	1/2	3,271.21	1/2	2,913.19
3/4		3/4		3/4		3/4		3/4	4,693.76	3/4	4,336.79	3/4	3,979.77	3/4	3,621.76	3/4	3,263.75	3/4	2,905.74
1		1		1		1		1	4,686.32	1	4,329.35	1	3,972.32	1	3,614.30	1	3,256.29	1	2,898.28
1/4		1/4		1/4		1/4	5,020.46	1/4	4,678.89	1/4	4,321.92	1/4	3,964.86	1/4	3,606.84	1/4	3,248.83	1/4	2,890.82
1/2		1/2		1/2		1/2	5,015.27	1/2	4,671.45	1/2	4,314.48	1/2	3,957.40	1/2	3,599.39	1/2	3,241.37	1/2	2,883.36
3/4		3/4		3/4		3/4	5,010.08	3/4	4,664.01	3/4	4,307.04	3/4	3,949.94	3/4	3,591.93	3/4	3,233.91	3/4	2,875.90
2		2		2		2	5,004.89	2	4,656.58	2	4,299.60	2	3,942.48	2	3,584.47	2	3,226.46	2	2,868.44
1/4		1/4		1/4		1/4	4,999.70	1/4	4,649.14	1/4	4,292.17	1/4	3,935.02	1/4	3,577.01	1/4	3,219.00	1/4	2,860.98
1/2		1/2		1/2		1/2	4,993.27	1/2	4,641.70	1/2	4,284.73	1/2	3,927.56	1/2	3,569.55	1/2	3,211.54	1/2	2,853.53
3/4		3/4		3/4		3/4	4,986.84	3/4	4,634.27	3/4	4,277.29	3/4	3,920.11	3/4	3,562.09	3/4	3,204.08	3/4	2,846.07
3		3		3		3	4,980.41	3	4,626.83	3	4,269.86	3	3,912.65	3	3,554.63	3	3,196.62	3	2,838.61
1/4		1/4		1/4		1/4	4,973.97	1/4	4,619.39	1/4	4,262.42	1/4	3,905.19	1/4	3,547.18	1/4	3,189.16	1/4	2,831.15
1/2		1/2		1/2		1/2	4,966.68	1/2	4,611.95	1/2	4,254.98	1/2	3,897.73	1/2	3,539.72	1/2	3,181.70	1/2	2,823.69
3/4		3/4		3/4		3/4	4,959.38	3/4	4,604.52	3/4	4,247.55	3/4	3,890.27	3/4	3,532.26	3/4	3,174.25	3/4	2,816.23
4		4		4		4	4,952.09	4	4,597.08	4	4,240.11	4	3,882.81	4	3,524.80	4	3,166.79	4	2,808.77
1/4		1/4		1/4		1/4	4,944.80	1/4	4,589.64	1/4	4,232.67	1/4	3,875.35	1/4	3,517.34	1/4	3,159.33	1/4	2,801.32
1/2		1/2		1/2		1/2	4,937.44	1/2	4,582.21	1/2	4,225.24	1/2	3,867.90	1/2	3,509.88	1/2	3,151.87	1/2	2,793.86
3/4		3/4		3/4		3/4	4,930.09	3/4	4,574.77	3/4	4,217.80	3/4	3,860.44	3/4	3,502.42	3/4	3,144.41	3/4	2,786.40
5		5		5		5	4,922.74	5	4,567.33	5	4,210.36	5	3,852.98	5	3,494.97	5	3,136.95	5	2,778.94
1/4		1/4		1/4		1/4	4,915.39	1/4	4,559.90	1/4	4,202.92	1/4	3,845.52	1/4	3,487.51	1/4	3,129.49	1/4	2,771.48
1/2		1/2		1/2		1/2	4,908.03	1/2	4,552.46	1/2	4,195.49	1/2	3,838.06	1/2	3,480.05	1/2	3,122.04	1/2	2,764.02
3/4		3/4		3/4		3/4	4,900.67	3/4	4,545.02	3/4	4,188.05	3/4	3,830.60	3/4	3,472.59	3/4	3,114.58	3/4	2,756.56
6		6		6		6	4,893.31	6	4,537.59	6	4,180.61	6	3,823.14	6	3,465.13	6	3,107.12	6	2,749.11
1/4		1/4		1/4		1/4	4,885.95	1/4	4,530.15	1/4	4,173.18	1/4	3,815.69	1/4	3,457.67	1/4	3,099.66	1/4	2,741.65
1/2		1/2		1/2		1/2	4,878.58	1/2	4,522.71	1/2	4,165.74	1/2	3,808.23	1/2	3,450.21	1/2	3,092.20	1/2	2,734.19
3/4		3/4		3/4		3/4	4,871.22	3/4	4,515.27	3/4	4,158.30	3/4	3,800.77	3/4	3,442.76	3/4	3,084.74	3/4	2,726.73
7		7		7		7	4,863.85	7	4,507.84	7	4,150.87	7	3,793.31	7	3,435.30	7	3,077.28	7	2,719.27
1/4		1/4		1/4		1/4	4,856.49	1/4	4,500.40	1/4	4,143.43	1/4	3,785.85	1/4	3,427.84	1/4	3,069.83	1/4	2,711.81
1/2		1/2		1/2		1/2	4,849.12	1/2	4,492.96	1/2	4,135.99	1/2	3,778.39	1/2	3,420.38	1/2	3,062.37	1/2	2,704.35
3/4		3/4		3/4		3/4	4,841.76	3/4	4,485.53	3/4	4,128.56	3/4	3,770.93	3/4	3,412.92	3/4	3,054.91	3/4	2,696.90
8		8		8		8	4,834.40	8	4,478.09	8	4,121.12	8	3,763.48	8	3,405.46	8	3,047.45	8	2,689.44
1/4		1/4		1/4		1/4	4,827.03	1/4	4,470.65	1/4	4,113.68	1/4	3,756.02	1/4	3,398.00	1/4	3,039.99	1/4	2,681.98
1/2		1/2		1/2		1/2	4,819.67	1/2	4,463.22	1/2	4,106.25	1/2	3,748.56	1/2	3,390.55	1/2	3,032.53	1/2	2,674.52
3/4		3/4		3/4		3/4	4,812.31	3/4	4,455.78	3/4	4,098.81	3/4	3,741.10	3/4	3,383.09	3/4	3,025.07	3/4	2,667.06
9		9		9		9	4,804.95	9	4,448.34	9	4,091.37	9	3,733.64	9	3,375.63	9	3,017.62	9	2,659.60
1/4		1/4		1/4		1/4	4,797.58	1/4	4,440.91	1/4	4,083.93	1/4	3,726.18	1/4	3,368.17	1/4	3,010.16	1/4	2,652.14
1/2		1/2		1/2		1/2	4,790.22	1/2	4,433.47	1/2	4,076.50	1/2	3,718.72	1/2	3,360.71	1/2	3,002.70	1/2	2,644.69
3/4		3/4		3/4		3/4	4,782.86	3/4	4,426.03	3/4	4,069.06	3/4	3,711.26	3/4	3,353.25	3/4	2,995.24	3/4	2,637.23
10		10		10		10	4,775.49	10	4,418.59	10	4,061.62	10	3,703.81	10	3,345.79	10	2,987.78	10	2,629.77
1/4		1/4		1/4		1/4	4,768.13	1/4	4,411.16	1/4	4,054.19	1/4	3,696.35	1/4	3,338.33	1/4	2,980.32	1/4	2,622.31
1/2		1/2		1/2		1/2	4,760.69	1/2	4,403.72	1/2	4,046.75	1/2	3,688.89	1/2	3,330.88	1/2	2,972.86	1/2	2,614.85
3/4		3/4		3/4		3/4	4,753.26	3/4	4,396.28	3/4	4,039.31	3/4	3,681.43	3/4	3,323.42	3/4	2,965.40	3/4	2,607.39
11		11		11		11	4,745.82	11	4,388.85	11	4,031.88	11	3,673.97	11	3,315.96	11	2,957.95	11	2,599.93
1/4		1/4		1/4		1/4	4,738.38	1/4	4,381.41	1/4	4,024.44	1/4	3,666.51	1/4	3,308.50	1/4	2,950.49	1/4	2,592.47
1/2		1/2		1/2		1/2	4,730.94	1/2	4,373.97	1/2	4,017.00	1/2	3,659.05	1/2	3,301.04	1/2	2,943.03	1/2	2,585.01
3/4		3/4		3/4		3/4	4,723.51	3/4	4,366.54	3/4	4,009.57	3/4	3,651.60	3/4	3,293.58	3/4	2,935.57	3/4	2,577.55

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" 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 29178"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 17'-04 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	2,570.09	0	2,211.97	0	1,853.86	0	1,495.74	0	1,137.62	0	780.00	0	423.24	0	101.91	0		0	
1/4	2,562.63	1/4	2,204.51	1/4	1,846.39	1/4	1,488.28	1/4	1,130.16	1/4	772.54	1/4	416.00	1/4	95.72	1/4		1/4	
1/2	2,555.17	1/2	2,197.05	1/2	1,838.93	1/2	1,480.82	1/2	1,122.70	1/2	765.08	1/2	408.85	1/2	89.63	1/2		1/2	
3/4	2,547.71	3/4	2,189.59	3/4	1,831.47	3/4	1,473.35	3/4	1,115.24	3/4	757.62	3/4	401.69	3/4	83.54	3/4		3/4	
1	2,540.25	1	2,182.13	1	1,824.01	1	1,465.89	1	1,107.78	1	750.16	1	394.54	1	77.45	1		1	
1/4	2,532.79	1/4	2,174.67	1/4	1,816.55	1/4	1,458.43	1/4	1,100.31	1/4	742.70	1/4	387.38	1/4	71.35	1/4		1/4	
1/2	2,525.33	1/2	2,167.21	1/2	1,809.09	1/2	1,450.97	1/2	1,092.86	1/2	735.24	1/2	380.32	1/2	65.38	1/2		1/2	
3/4	2,517.87	3/4	2,159.75	3/4	1,801.63	3/4	1,443.51	3/4	1,085.40	3/4	727.78	3/4	373.25	3/4	59.40	3/4		3/4	
2	2,510.41	2	2,152.29	2	1,794.17	2	1,436.05	2	1,077.95	2	720.32	2	366.18	2	53.42	2		2	
1/4	2,502.95	1/4	2,144.83	1/4	1,786.71	1/4	1,428.59	1/4	1,070.49	1/4	712.86	1/4	359.12	1/4	47.44	1/4		1/4	
1/2	2,495.48	1/2	2,137.37	1/2	1,779.25	1/2	1,421.13	1/2	1,063.04	1/2	705.39	1/2	352.14	1/2	42.44	1/2		1/2	
3/4	2,488.02	3/4	2,129.91	3/4	1,771.79	3/4	1,413.67	3/4	1,055.58	3/4	697.93	3/4	345.16	3/4	37.45	3/4		3/4	
3	2,480.56	3	2,122.44	3	1,764.33	3	1,406.21	3	1,048.13	3	690.47	3	338.18	3	32.45	3		3	
1/4	2,473.10	1/4	2,114.98	1/4	1,756.87	1/4	1,398.75	1/4	1,040.67	1/4	683.01	1/4	331.20	1/4	27.46	1/4		1/4	
1/2	2,465.64	1/2	2,107.52	1/2	1,749.40	1/2	1,391.29	1/2	1,033.23	1/2	675.55	1/2	324.31	1/2	24.42	1/2		1/2	
3/4	2,458.18	3/4	2,100.06	3/4	1,741.94	3/4	1,383.83	3/4	1,025.78	3/4	668.09	3/4	317.42	3/4	21.38	3/4		3/4	
4	2,450.72	4	2,092.60	4	1,734.48	4	1,376.36	4	1,018.33	4	660.63	4	310.53	4	18.33	4		4	
1/4	2,443.26	1/4	2,085.14	1/4	1,727.02	1/4	1,368.90	1/4	1,010.89	1/4	653.17	1/4	303.64	1/4	15.29	1/4		1/4	
1/2	2,435.80	1/2	2,077.68	1/2	1,719.56	1/2	1,361.44	1/2	1,003.44	1/2	645.71	1/2	296.83	1/2		1/2		1/2	
3/4	2,428.34	3/4	2,070.22	3/4	1,712.10	3/4	1,353.98	3/4	995.99	3/4	638.25	3/4	290.03	3/4		3/4		3/4	
5	2,420.88	5	2,062.76	5	1,704.64	5	1,346.52	5	988.55	5	630.79	5	283.22	5		5		5	
1/4	2,413.42	1/4	2,055.30	1/4	1,697.18	1/4	1,339.06	1/4	981.10	1/4	623.33	1/4	276.42	1/4		1/4		1/4	
1/2	2,405.95	1/2	2,047.84	1/2	1,689.72	1/2	1,331.60	1/2	973.65	1/2	615.87	1/2	269.70	1/2		1/2		1/2	
3/4	2,398.49	3/4	2,040.38	3/4	1,682.26	3/4	1,324.14	3/4	966.21	3/4	608.40	3/4	262.99	3/4		3/4		3/4	
6	2,391.03	6	2,032.91	6	1,674.80	6	1,316.68	6	958.76	6	600.94	6	256.27	6		6		6	
1/4	2,383.57	1/4	2,025.45	1/4	1,667.34	1/4	1,309.22	1/4	951.32	1/4	593.48	1/4	249.55	1/4		1/4		1/4	
1/2	2,376.11	1/2	2,017.99	1/2	1,659.87	1/2	1,301.76	1/2	943.87	1/2	586.02	1/2	242.93	1/2		1/2		1/2	
3/4	2,368.65	3/4	2,010.53	3/4	1,652.41	3/4	1,294.30	3/4	936.42	3/4	578.56	3/4	236.30	3/4		3/4		3/4	
7	2,361.19	7	2,003.07	7	1,644.95	7	1,286.83	7	928.98	7	571.10	7	229.67	7		7		7	
1/4	2,353.73	1/4	1,995.61	1/4	1,637.49	1/4	1,279.37	1/4	921.53	1/4	563.64	1/4	223.04	1/4		1/4		1/4	
1/2	2,346.27	1/2	1,988.15	1/2	1,630.03	1/2	1,271.91	1/2	914.08	1/2	556.18	1/2	216.50	1/2		1/2		1/2	
3/4	2,338.81	3/4	1,980.69	3/4	1,622.57	3/4	1,264.45	3/4	906.64	3/4	548.72	3/4	209.96	3/4		3/4		3/4	
8	2,331.35	8	1,973.23	8	1,615.11	8	1,256.99	8	899.19	8	541.26	8	203.42	8		8		8	
1/4	2,323.89	1/4	1,965.77	1/4	1,607.65	1/4	1,249.53	1/4	891.74	1/4	533.80	1/4	196.87	1/4		1/4		1/4	
1/2	2,316.43	1/2	1,958.31	1/2	1,600.19	1/2	1,242.07	1/2	884.30	1/2	526.34	1/2	190.42	1/2		1/2		1/2	
3/4	2,308.96	3/4	1,950.85	3/4	1,592.73	3/4	1,234.61	3/4	876.85	3/4	518.87	3/4	183.97	3/4		3/4		3/4	
9	2,301.50	9	1,943.39	9	1,585.27	9	1,227.15	9	869.40	9	511.41	9	177.51	9		9		9	
1/4	2,294.04	1/4	1,935.92	1/4	1,577.81	1/4	1,219.69	1/4	861.96	1/4	503.95	1/4	171.06	1/4		1/4		1/4	
1/2	2,286.58	1/2	1,928.46	1/2	1,570.35	1/2	1,212.23	1/2	854.51	1/2	496.54	1/2	164.69	1/2		1/2		1/2	
3/4	2,279.12	3/4	1,921.00	3/4	1,562.88	3/4	1,204.77	3/4	847.06	3/4	489.12	3/4	158.33	3/4		3/4		3/4	
10	2,271.66	10	1,913.54	10	1,555.42	10	1,197.31	10	839.62	10	481.70	10	151.96	10		10		10	
1/4	2,264.20	1/4	1,906.08	1/4	1,547.96	1/4	1,189.84	1/4	832.17	1/4	474.29	1/4	145.60	1/4		1/4		1/4	
1/2	2,256.74	1/2	1,898.62	1/2	1,540.50	1/2	1,182.38	1/2	824.72	1/2	466.96	1/2	139.32	1/2		1/2		1/2	
3/4	2,249.28	3/4	1,891.16	3/4	1,533.04	3/4	1,174.92	3/4	817.28	3/4	459.63	3/4	133.04	3/4		3/4		3/4	
11	2,241.82	11	1,883.70	11	1,525.58	11	1,167.46	11	809.83	11	452.30	11	126.76	11		11		11	
1/4	2,234.36	1/4	1,876.24	1/4	1,518.12	1/4	1,160.00	1/4	802.39	1/4	444.97	1/4	120.48	1/4		1/4		1/4	
1/2	2,226.90	1/2	1,868.78	1/2	1,510.66	1/2	1,152.54	1/2	794.92	1/2	437.73	1/2	114.29	1/2		1/2		1/2	
3/4	2,219.43	3/4	1,861.32	3/4	1,503.20	3/4	1,145.08	3/4	787.46	3/4	430.48	3/4	108.10	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL
RECALCULATED:04/01/2026 JS
NAME CHANGE: 04/01/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2026

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 29178"

2 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 17'-03 3/4"

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		0		0	4,762.63	0	4,404.69	0	4,046.73	0	3,687.75	0	3,328.76	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	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	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	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	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	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	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	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	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	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	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	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	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	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	4,999.68	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 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 29178"

2 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 17'-03 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	2,610.79	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		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		1/4	
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		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		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	
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		1/4	
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		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		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		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		1/4	
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		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		3/4	
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		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		1/4	
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		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		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		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		1/4	
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		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		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		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		1/4	
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		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		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		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		1/4	
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		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		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		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		1/4	
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		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		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		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		1/4	
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		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		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		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		1/4	
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		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		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		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		1/4	
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		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		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		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		1/4	
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		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		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL
RECALCULATED:04/01/2026 JS
NAME CHANGE: 04/01/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2026

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

BARGE "KIRBY 29178"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 17'-04"

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	4,783.09	0	4,425.27	0	4,067.45	0	3,708.60	0	3,349.74	0	2,990.89
1/4		1/4		1/4		1/4		1/4	4,775.64	1/4	4,417.82	1/4	4,059.97	1/4	3,701.12	1/4	3,342.27	1/4	2,983.41
1/2		1/2		1/2		1/2		1/2	4,768.18	1/2	4,410.36	1/2	4,052.50	1/2	3,693.64	1/2	3,334.79	1/2	2,975.94
3/4		3/4		3/4		3/4		3/4	4,760.73	3/4	4,402.91	3/4	4,045.02	3/4	3,686.17	3/4	3,327.31	3/4	2,968.46
1		1		1		1	5,095.67	1	4,753.27	1	4,395.45	1	4,037.54	1	3,678.69	1	3,319.84	1	2,960.99
1/4		1/4		1/4		1/4	5,090.47	1/4	4,745.82	1/4	4,388.00	1/4	4,030.07	1/4	3,671.22	1/4	3,312.36	1/4	2,953.51
1/2		1/2		1/2		1/2	5,085.27	1/2	4,738.36	1/2	4,380.54	1/2	4,022.59	1/2	3,663.74	1/2	3,304.89	1/2	2,946.03
3/4		3/4		3/4		3/4	5,080.07	3/4	4,730.91	3/4	4,373.09	3/4	4,015.12	3/4	3,656.26	3/4	3,297.41	3/4	2,938.56
2		2		2		2	5,074.86	2	4,723.45	2	4,365.63	2	4,007.64	2	3,648.79	2	3,289.93	2	2,931.08
1/4		1/4		1/4		1/4	5,068.42	1/4	4,716.00	1/4	4,358.18	1/4	4,000.16	1/4	3,641.31	1/4	3,282.46	1/4	2,923.61
1/2		1/2		1/2		1/2	5,061.97	1/2	4,708.54	1/2	4,350.72	1/2	3,992.69	1/2	3,633.84	1/2	3,274.98	1/2	2,916.13
3/4		3/4		3/4		3/4	5,055.52	3/4	4,701.09	3/4	4,343.27	3/4	3,985.21	3/4	3,626.36	3/4	3,267.51	3/4	2,908.65
3		3		3		3	5,049.07	3	4,693.64	3	4,335.81	3	3,977.74	3	3,618.88	3	3,260.03	3	2,901.18
1/4		1/4		1/4		1/4	5,041.76	1/4	4,686.18	1/4	4,328.36	1/4	3,970.26	1/4	3,611.41	1/4	3,252.55	1/4	2,893.70
1/2		1/2		1/2		1/2	5,034.45	1/2	4,678.73	1/2	4,320.91	1/2	3,962.78	1/2	3,603.93	1/2	3,245.08	1/2	2,886.23
3/4		3/4		3/4		3/4	5,027.13	3/4	4,671.27	3/4	4,313.45	3/4	3,955.31	3/4	3,596.45	3/4	3,237.60	3/4	2,878.75
4		4		4		4	5,019.82	4	4,663.82	4	4,306.00	4	3,947.83	4	3,588.98	4	3,230.13	4	2,871.27
1/4		1/4		1/4		1/4	5,012.45	1/4	4,656.36	1/4	4,298.54	1/4	3,940.36	1/4	3,581.50	1/4	3,222.65	1/4	2,863.80
1/2		1/2		1/2		1/2	5,005.09	1/2	4,648.91	1/2	4,291.09	1/2	3,932.88	1/2	3,574.03	1/2	3,215.17	1/2	2,856.32
3/4		3/4		3/4		3/4	4,997.72	3/4	4,641.45	3/4	4,283.63	3/4	3,925.40	3/4	3,566.55	3/4	3,207.70	3/4	2,848.84
5		5		5		5	4,990.35	5	4,634.00	5	4,276.18	5	3,917.93	5	3,559.07	5	3,200.22	5	2,841.37
1/4		1/4		1/4		1/4	4,982.97	1/4	4,626.54	1/4	4,268.72	1/4	3,910.45	1/4	3,551.60	1/4	3,192.75	1/4	2,833.89
1/2		1/2		1/2		1/2	4,975.59	1/2	4,619.09	1/2	4,261.27	1/2	3,902.97	1/2	3,544.12	1/2	3,185.27	1/2	2,826.42
3/4		3/4		3/4		3/4	4,968.21	3/4	4,611.63	3/4	4,253.81	3/4	3,895.50	3/4	3,536.65	3/4	3,177.79	3/4	2,818.94
6		6		6		6	4,960.82	6	4,604.18	6	4,246.36	6	3,888.02	6	3,529.17	6	3,170.32	6	2,811.46
1/4		1/4		1/4		1/4	4,953.44	1/4	4,596.73	1/4	4,238.90	1/4	3,880.55	1/4	3,521.69	1/4	3,162.84	1/4	2,803.99
1/2		1/2		1/2		1/2	4,946.06	1/2	4,589.27	1/2	4,231.45	1/2	3,873.07	1/2	3,514.22	1/2	3,155.36	1/2	2,796.51
3/4		3/4		3/4		3/4	4,938.68	3/4	4,581.82	3/4	4,224.00	3/4	3,865.59	3/4	3,506.74	3/4	3,147.89	3/4	2,789.04
7		7		7		7	4,931.29	7	4,574.36	7	4,216.54	7	3,858.12	7	3,499.27	7	3,140.41	7	2,781.56
1/4		1/4		1/4		1/4	4,923.91	1/4	4,566.91	1/4	4,209.09	1/4	3,850.64	1/4	3,491.79	1/4	3,132.94	1/4	2,774.08
1/2		1/2		1/2		1/2	4,916.53	1/2	4,559.45	1/2	4,201.63	1/2	3,843.17	1/2	3,484.31	1/2	3,125.46	1/2	2,766.61
3/4		3/4		3/4		3/4	4,909.15	3/4	4,552.00	3/4	4,194.18	3/4	3,835.69	3/4	3,476.84	3/4	3,117.98	3/4	2,759.13
8		8		8		8	4,901.77	8	4,544.54	8	4,186.72	8	3,828.21	8	3,469.36	8	3,110.51	8	2,751.66
1/4		1/4		1/4		1/4	4,894.39	1/4	4,537.09	1/4	4,179.27	1/4	3,820.74	1/4	3,461.88	1/4	3,103.03	1/4	2,744.18
1/2		1/2		1/2		1/2	4,887.01	1/2	4,529.63	1/2	4,171.81	1/2	3,813.26	1/2	3,454.41	1/2	3,095.56	1/2	2,736.70
3/4		3/4		3/4		3/4	4,879.63	3/4	4,522.18	3/4	4,164.36	3/4	3,805.79	3/4	3,446.93	3/4	3,088.08	3/4	2,729.23
9		9		9		9	4,872.25	9	4,514.72	9	4,156.90	9	3,798.31	9	3,439.46	9	3,080.60	9	2,721.75
1/4		1/4		1/4		1/4	4,864.87	1/4	4,507.27	1/4	4,149.45	1/4	3,790.83	1/4	3,431.98	1/4	3,073.13	1/4	2,714.27
1/2		1/2		1/2		1/2	4,857.49	1/2	4,499.82	1/2	4,141.99	1/2	3,783.36	1/2	3,424.50	1/2	3,065.65	1/2	2,706.80
3/4		3/4		3/4		3/4	4,850.11	3/4	4,492.36	3/4	4,134.54	3/4	3,775.88	3/4	3,417.03	3/4	3,058.18	3/4	2,699.32
10		10		10		10	4,842.73	10	4,484.91	10	4,127.09	10	3,768.40	10	3,409.55	10	3,050.70	10	2,691.85
1/4		1/4		1/4		1/4	4,835.27	1/4	4,477.45	1/4	4,119.63	1/4	3,760.93	1/4	3,402.08	1/4	3,043.22	1/4	2,684.37
1/2		1/2		1/2		1/2	4,827.82	1/2	4,470.00	1/2	4,112.18	1/2	3,753.45	1/2	3,394.60	1/2	3,035.75	1/2	2,676.89
3/4		3/4		3/4		3/4	4,820.36	3/4	4,462.54	3/4	4,104.72	3/4	3,745.98	3/4	3,387.12	3/4	3,028.27	3/4	2,669.42
11		11		11		11	4,812.91	11	4,455.09	11	4,097.27	11	3,738.50	11	3,379.65	11	3,020.79	11	2,661.94
1/4		1/4		1/4		1/4	4,805.45	1/4	4,447.63	1/4	4,089.81	1/4	3,731.02	1/4	3,372.17	1/4	3,013.32	1/4	2,654.46
1/2		1/2		1/2		1/2	4,798.00	1/2	4,440.18	1/2	4,082.36	1/2	3,723.55	1/2	3,364.70	1/2	3,005.84	1/2	2,646.99
3/4		3/4		3/4		3/4	4,790.55	3/4	4,432.72	3/4	4,074.90	3/4	3,716.07	3/4	3,357.22	3/4	2,998.37	3/4	2,639.51

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 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 29178"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 17'-04"

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	2,632.03	0	2,273.07	0	1,914.11	0	1,555.15	0	1,196.20	0	837.74	0	478.78	0	119.83	0		0	
1/4	2,624.55	1/4	2,265.59	1/4	1,906.63	1/4	1,547.68	1/4	1,188.72	1/4	830.26	1/4	471.30	1/4	112.36	1/4		1/4	
1/2	2,617.07	1/2	2,258.11	1/2	1,899.16	1/2	1,540.20	1/2	1,181.24	1/2	822.78	1/2	463.82	1/2	104.89	1/2		1/2	
3/4	2,609.59	3/4	2,250.64	3/4	1,891.68	3/4	1,532.72	3/4	1,173.76	3/4	815.30	3/4	456.35	3/4	97.42	3/4		3/4	
1	2,602.12	1	2,243.16	1	1,884.20	1	1,525.24	1	1,166.28	1	807.83	1	448.87	1	89.96	1		1	
1/4	2,594.64	1/4	2,235.68	1/4	1,876.72	1/4	1,517.76	1/4	1,158.81	1/4	800.35	1/4	441.39	1/4	82.51	1/4		1/4	
1/2	2,587.16	1/2	2,228.20	1/2	1,869.24	1/2	1,510.28	1/2	1,151.34	1/2	792.87	1/2	433.91	1/2	75.07	1/2		1/2	
3/4	2,579.68	3/4	2,220.72	3/4	1,861.76	3/4	1,502.81	3/4	1,143.86	3/4	785.39	3/4	426.43	3/4	67.63	3/4		3/4	
2	2,572.20	2	2,213.24	2	1,854.29	2	1,495.33	2	1,136.39	2	777.91	2	418.95	2	60.19	2		2	
1/4	2,564.72	1/4	2,205.77	1/4	1,846.81	1/4	1,487.85	1/4	1,128.92	1/4	770.43	1/4	411.48	1/4	53.65	1/4		1/4	
1/2	2,557.25	1/2	2,198.29	1/2	1,839.33	1/2	1,480.37	1/2	1,121.45	1/2	762.96	1/2	404.00	1/2	47.10	1/2		1/2	
3/4	2,549.77	3/4	2,190.81	3/4	1,831.85	3/4	1,472.89	3/4	1,113.97	3/4	755.48	3/4	396.52	3/4	40.56	3/4		3/4	
3	2,542.29	3	2,183.33	3	1,824.37	3	1,465.41	3	1,106.50	3	748.00	3	389.04	3	34.02	3		3	
1/4	2,534.81	1/4	2,175.85	1/4	1,816.89	1/4	1,457.94	1/4	1,099.04	1/4	740.52	1/4	381.56	1/4	29.35	1/4		1/4	
1/2	2,527.33	1/2	2,168.37	1/2	1,809.42	1/2	1,450.46	1/2	1,091.57	1/2	733.04	1/2	374.08	1/2	24.67	1/2		1/2	
3/4	2,519.85	3/4	2,160.90	3/4	1,801.94	3/4	1,442.98	3/4	1,084.11	3/4	725.56	3/4	366.61	3/4	20.00	3/4		3/4	
4	2,512.38	4	2,153.42	4	1,794.46	4	1,435.50	4	1,076.64	4	718.09	4	359.13	4	15.32	4		4	
1/4	2,504.90	1/4	2,145.94	1/4	1,786.98	1/4	1,428.02	1/4	1,069.18	1/4	710.61	1/4	351.65	1/4		1/4		1/4	
1/2	2,497.42	1/2	2,138.46	1/2	1,779.50	1/2	1,420.54	1/2	1,061.72	1/2	703.13	1/2	344.17	1/2		1/2		1/2	
3/4	2,489.94	3/4	2,130.98	3/4	1,772.02	3/4	1,413.07	3/4	1,054.25	3/4	695.65	3/4	336.69	3/4		3/4		3/4	
5	2,482.46	5	2,123.50	5	1,764.55	5	1,405.59	5	1,046.79	5	688.17	5	329.21	5		5		5	
1/4	2,474.98	1/4	2,116.03	1/4	1,757.07	1/4	1,398.11	1/4	1,039.32	1/4	680.69	1/4	321.74	1/4		1/4		1/4	
1/2	2,467.51	1/2	2,108.55	1/2	1,749.59	1/2	1,390.63	1/2	1,031.86	1/2	673.22	1/2	314.26	1/2		1/2		1/2	
3/4	2,460.03	3/4	2,101.07	3/4	1,742.11	3/4	1,383.15	3/4	1,024.40	3/4	665.74	3/4	306.78	3/4		3/4		3/4	
6	2,452.55	6	2,093.59	6	1,734.63	6	1,375.67	6	1,016.93	6	658.26	6	299.30	6		6		6	
1/4	2,445.07	1/4	2,086.11	1/4	1,727.15	1/4	1,368.20	1/4	1,009.47	1/4	650.78	1/4	291.82	1/4		1/4		1/4	
1/2	2,437.59	1/2	2,078.63	1/2	1,719.68	1/2	1,360.72	1/2	1,002.00	1/2	643.30	1/2	284.34	1/2		1/2		1/2	
3/4	2,430.11	3/4	2,071.16	3/4	1,712.20	3/4	1,353.24	3/4	994.54	3/4	635.82	3/4	276.87	3/4		3/4		3/4	
7	2,422.64	7	2,063.68	7	1,704.72	7	1,345.76	7	987.08	7	628.35	7	269.39	7		7		7	
1/4	2,415.16	1/4	2,056.20	1/4	1,697.24	1/4	1,338.28	1/4	979.61	1/4	620.87	1/4	261.91	1/4		1/4		1/4	
1/2	2,407.68	1/2	2,048.72	1/2	1,689.76	1/2	1,330.80	1/2	972.15	1/2	613.39	1/2	254.43	1/2		1/2		1/2	
3/4	2,400.20	3/4	2,041.24	3/4	1,682.28	3/4	1,323.33	3/4	964.68	3/4	605.91	3/4	246.95	3/4		3/4		3/4	
8	2,392.72	8	2,033.76	8	1,674.81	8	1,315.85	8	957.22	8	598.43	8	239.47	8		8		8	
1/4	2,385.24	1/4	2,026.29	1/4	1,667.33	1/4	1,308.37	1/4	949.76	1/4	590.95	1/4	232.00	1/4		1/4		1/4	
1/2	2,377.77	1/2	2,018.81	1/2	1,659.85	1/2	1,300.89	1/2	942.29	1/2	583.48	1/2	224.52	1/2		1/2		1/2	
3/4	2,370.29	3/4	2,011.33	3/4	1,652.37	3/4	1,293.41	3/4	934.83	3/4	576.00	3/4	217.04	3/4		3/4		3/4	
9	2,362.81	9	2,003.85	9	1,644.89	9	1,285.93	9	927.36	9	568.52	9	209.56	9		9		9	
1/4	2,355.33	1/4	1,996.37	1/4	1,637.41	1/4	1,278.46	1/4	919.90	1/4	561.04	1/4	202.08	1/4		1/4		1/4	
1/2	2,347.85	1/2	1,988.90	1/2	1,629.94	1/2	1,270.98	1/2	912.44	1/2	553.56	1/2	194.60	1/2		1/2		1/2	
3/4	2,340.38	3/4	1,981.42	3/4	1,622.46	3/4	1,263.50	3/4	904.97	3/4	546.08	3/4	187.13	3/4		3/4		3/4	
10	2,332.90	10	1,973.94	10	1,614.98	10	1,256.02	10	897.51	10	538.61	10	179.65	10		10		10	
1/4	2,325.42	1/4	1,966.46	1/4	1,607.50	1/4	1,248.54	1/4	890.04	1/4	531.13	1/4	172.17	1/4		1/4		1/4	
1/2	2,317.94	1/2	1,958.98	1/2	1,600.02	1/2	1,241.07	1/2	882.58	1/2	523.65	1/2	164.69	1/2		1/2		1/2	
3/4	2,310.46	3/4	1,951.50	3/4	1,592.55	3/4	1,233.59	3/4	875.12	3/4	516.17	3/4	157.21	3/4		3/4		3/4	
11	2,302.98	11	1,944.03	11	1,585.07	11	1,226.11	11	867.65	11	508.69	11	149.73	11		11		11	
1/4	2,295.51	1/4	1,936.55	1/4	1,577.59	1/4	1,218.63	1/4	860.17	1/4	501.21	1/4	142.26	1/4		1/4		1/4	
1/2	2,288.03	1/2	1,929.07	1/2	1,570.11	1/2	1,211.15	1/2	852.70	1/2	493.74	1/2	134.78	1/2		1/2		1/2	
3/4	2,280.55	3/4	1,921.59	3/4	1,562.63	3/4	1,203.67	3/4	845.22	3/4	486.26	3/4	127.30	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL
RECALCULATED:04/01/2026 JS
NAME CHANGE: 04/01/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2026

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 29178"

3 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 17'-04"

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	4,260.39	0	4,041.47	0	3,822.54	0	3,603.02	0	3,316.07	0	2,960.09
1/4		1/4		1/4		1/4		1/4	4,255.83	1/4	4,036.91	1/4	3,817.97	1/4	3,598.44	1/4	3,308.68	1/4	2,952.66
1/2		1/2		1/2		1/2		1/2	4,251.27	1/2	4,032.35	1/2	3,813.40	1/2	3,593.87	1/2	3,301.28	1/2	2,945.23
3/4		3/4		3/4		3/4		3/4	4,246.71	3/4	4,027.78	3/4	3,808.82	3/4	3,589.30	3/4	3,293.88	3/4	2,937.81
1		1		1		1	4,451.64	1	4,242.15	1	4,023.22	1	3,804.25	1	3,584.72	1	3,286.48	1	2,930.38
1/4		1/4		1/4		1/4	4,448.46	1/4	4,237.59	1/4	4,018.66	1/4	3,799.68	1/4	3,580.15	1/4	3,279.09	1/4	2,922.96
1/2		1/2		1/2		1/2	4,445.27	1/2	4,233.03	1/2	4,014.10	1/2	3,795.10	1/2	3,575.58	1/2	3,271.69	1/2	2,915.53
3/4		3/4		3/4		3/4	4,442.09	3/4	4,228.46	3/4	4,009.54	3/4	3,790.53	3/4	3,571.00	3/4	3,264.29	3/4	2,908.10
2		2		2		2	4,438.91	2	4,223.90	2	4,004.98	2	3,785.96	2	3,566.43	2	3,256.89	2	2,900.68
1/4		1/4		1/4		1/4	4,434.96	1/4	4,219.34	1/4	4,000.42	1/4	3,781.38	1/4	3,561.85	1/4	3,249.49	1/4	2,893.25
1/2		1/2		1/2		1/2	4,431.02	1/2	4,214.78	1/2	3,995.86	1/2	3,776.81	1/2	3,557.28	1/2	3,242.10	1/2	2,885.83
3/4		3/4		3/4		3/4	4,427.07	3/4	4,210.22	3/4	3,991.30	3/4	3,772.24	3/4	3,552.71	3/4	3,234.70	3/4	2,878.40
3		3		3		3	4,423.13	3	4,205.66	3	3,986.74	3	3,767.66	3	3,548.13	3	3,227.30	3	2,870.98
1/4		1/4		1/4		1/4	4,418.66	1/4	4,201.10	1/4	3,982.18	1/4	3,763.09	1/4	3,543.32	1/4	3,219.90	1/4	2,863.55
1/2		1/2		1/2		1/2	4,414.18	1/2	4,196.54	1/2	3,977.61	1/2	3,758.52	1/2	3,538.51	1/2	3,212.51	1/2	2,856.12
3/4		3/4		3/4		3/4	4,409.71	3/4	4,191.98	3/4	3,973.05	3/4	3,753.94	3/4	3,533.69	3/4	3,205.11	3/4	2,848.70
4		4		4		4	4,405.23	4	4,187.42	4	3,968.49	4	3,749.37	4	3,528.88	4	3,197.71	4	2,841.27
1/4		1/4		1/4		1/4	4,400.73	1/4	4,182.86	1/4	3,963.93	1/4	3,744.79	1/4	3,523.63	1/4	3,190.28	1/4	2,833.85
1/2		1/2		1/2		1/2	4,396.22	1/2	4,178.29	1/2	3,959.37	1/2	3,740.22	1/2	3,518.37	1/2	3,182.86	1/2	2,826.42
3/4		3/4		3/4		3/4	4,391.71	3/4	4,173.73	3/4	3,954.81	3/4	3,735.65	3/4	3,513.12	3/4	3,175.43	3/4	2,818.99
5		5		5		5	4,387.20	5	4,169.17	5	3,950.25	5	3,731.07	5	3,507.86	5	3,168.01	5	2,811.57
1/4		1/4		1/4		1/4	4,382.68	1/4	4,164.61	1/4	3,945.69	1/4	3,726.50	1/4	3,502.13	1/4	3,160.58	1/4	2,804.14
1/2		1/2		1/2		1/2	4,378.17	1/2	4,160.05	1/2	3,941.13	1/2	3,721.93	1/2	3,496.39	1/2	3,153.16	1/2	2,796.72
3/4		3/4		3/4		3/4	4,373.65	3/4	4,155.49	3/4	3,936.57	3/4	3,717.35	3/4	3,490.66	3/4	3,145.73	3/4	2,789.29
6		6		6		6	4,369.13	6	4,150.93	6	3,932.01	6	3,712.78	6	3,484.92	6	3,138.30	6	2,781.87
1/4		1/4		1/4		1/4	4,364.62	1/4	4,146.37	1/4	3,927.45	1/4	3,708.21	1/4	3,478.72	1/4	3,130.88	1/4	2,774.44
1/2		1/2		1/2		1/2	4,360.10	1/2	4,141.81	1/2	3,922.88	1/2	3,703.63	1/2	3,472.52	1/2	3,123.45	1/2	2,767.01
3/4		3/4		3/4		3/4	4,355.58	3/4	4,137.25	3/4	3,918.32	3/4	3,699.06	3/4	3,466.32	3/4	3,116.03	3/4	2,759.59
7		7		7		7	4,351.07	7	4,132.69	7	3,913.76	7	3,694.49	7	3,460.11	7	3,108.60	7	2,752.16
1/4		1/4		1/4		1/4	4,346.55	1/4	4,128.12	1/4	3,909.20	1/4	3,689.91	1/4	3,453.44	1/4	3,101.18	1/4	2,744.74
1/2		1/2		1/2		1/2	4,342.03	1/2	4,123.56	1/2	3,904.64	1/2	3,685.34	1/2	3,446.76	1/2	3,093.75	1/2	2,737.31
3/4		3/4		3/4		3/4	4,337.52	3/4	4,119.00	3/4	3,900.08	3/4	3,680.77	3/4	3,440.08	3/4	3,086.32	3/4	2,729.89
8		8		8		8	4,333.00	8	4,114.44	8	3,895.52	8	3,676.19	8	3,433.40	8	3,078.90	8	2,722.46
1/4		1/4		1/4		1/4	4,328.49	1/4	4,109.88	1/4	3,890.96	1/4	3,671.62	1/4	3,426.24	1/4	3,071.47	1/4	2,715.03
1/2		1/2		1/2		1/2	4,323.97	1/2	4,105.32	1/2	3,886.40	1/2	3,667.05	1/2	3,419.09	1/2	3,064.05	1/2	2,707.61
3/4		3/4		3/4		3/4	4,319.46	3/4	4,100.76	3/4	3,881.84	3/4	3,662.47	3/4	3,411.93	3/4	3,056.62	3/4	2,700.18
9		9		9		9	4,314.94	9	4,096.20	9	3,877.28	9	3,657.90	9	3,404.77	9	3,049.19	9	2,692.76
1/4		1/4		1/4		1/4	4,310.42	1/4	4,091.64	1/4	3,872.71	1/4	3,653.32	1/4	3,397.39	1/4	3,041.77	1/4	2,685.33
1/2		1/2		1/2		1/2	4,305.91	1/2	4,087.08	1/2	3,868.15	1/2	3,648.75	1/2	3,390.00	1/2	3,034.34	1/2	2,677.90
3/4		3/4		3/4		3/4	4,301.39	3/4	4,082.52	3/4	3,863.59	3/4	3,644.18	3/4	3,382.62	3/4	3,026.92	3/4	2,670.48
10		10		10		10	4,296.88	10	4,077.95	10	3,859.03	10	3,639.60	10	3,375.24	10	3,019.49	10	2,663.05
1/4		1/4		1/4		1/4	4,292.32	1/4	4,073.39	1/4	3,854.47	1/4	3,635.03	1/4	3,367.84	1/4	3,012.07	1/4	2,655.63
1/2		1/2		1/2		1/2	4,287.76	1/2	4,068.83	1/2	3,849.91	1/2	3,630.46	1/2	3,360.45	1/2	3,004.64	1/2	2,648.20
3/4		3/4		3/4		3/4	4,283.20	3/4	4,064.27	3/4	3,845.35	3/4	3,625.88	3/4	3,353.06	3/4	2,997.21	3/4	2,640.78
11		11		11		11	4,278.63	11	4,059.71	11	3,840.79	11	3,621.31	11	3,345.66	11	2,989.79	11	2,633.35
1/4		1/4		1/4		1/4	4,274.07	1/4	4,055.15	1/4	3,836.23	1/4	3,616.74	1/4	3,338.27	1/4	2,982.36	1/4	2,625.92
1/2		1/2		1/2		1/2	4,269.51	1/2	4,050.59	1/2	3,831.67	1/2	3,612.16	1/2	3,330.87	1/2	2,974.94	1/2	2,618.50
3/4		3/4		3/4		3/4	4,264.95	3/4	4,046.03	3/4	3,827.11	3/4	3,607.59	3/4	3,323.47	3/4	2,967.51	3/4	2,611.07

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 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 29178"

3 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 17'-04"

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	2,603.64	0	2,246.95	0	1,890.70	0	1,534.20	0	1,177.37	0	833.53	0	476.72	0	119.38	0		0	
1/4	2,596.21	1/4	2,239.52	1/4	1,883.28	1/4	1,526.77	1/4	1,170.14	1/4	826.16	1/4	469.28	1/4	111.94	1/4		1/4	
1/2	2,588.79	1/2	2,232.09	1/2	1,875.87	1/2	1,519.33	1/2	1,162.91	1/2	818.79	1/2	461.84	1/2	104.50	1/2		1/2	
3/4	2,581.36	3/4	2,224.66	3/4	1,868.45	3/4	1,511.90	3/4	1,155.69	3/4	811.41	3/4	454.40	3/4	97.06	3/4		3/4	
1	2,573.93	1	2,217.22	1	1,861.03	1	1,504.46	1	1,148.46	1	804.04	1	446.96	1	89.62	1		1	
1/4	2,566.51	1/4	2,209.79	1/4	1,853.61	1/4	1,497.03	1/4	1,141.25	1/4	796.60	1/4	439.52	1/4	82.20	1/4		1/4	
1/2	2,559.08	1/2	2,202.36	1/2	1,846.20	1/2	1,489.60	1/2	1,134.03	1/2	789.16	1/2	432.09	1/2	74.79	1/2		1/2	
3/4	2,551.65	3/4	2,194.93	3/4	1,838.78	3/4	1,482.16	3/4	1,126.82	3/4	781.72	3/4	424.65	3/4	67.37	3/4		3/4	
2	2,544.22	2	2,187.50	2	1,831.36	2	1,474.73	2	1,119.61	2	774.28	2	417.21	2	59.96	2		2	
1/4	2,536.80	1/4	2,180.07	1/4	1,823.94	1/4	1,467.29	1/4	1,112.39	1/4	766.84	1/4	409.77	1/4	53.44	1/4		1/4	
1/2	2,529.37	1/2	2,172.64	1/2	1,816.53	1/2	1,459.86	1/2	1,105.18	1/2	759.40	1/2	402.33	1/2	46.92	1/2		1/2	
3/4	2,521.94	3/4	2,165.21	3/4	1,809.11	3/4	1,452.43	3/4	1,097.97	3/4	751.96	3/4	394.89	3/4	40.41	3/4		3/4	
3	2,514.52	3	2,157.78	3	1,801.69	3	1,444.99	3	1,090.76	3	744.52	3	387.45	3	33.89	3		3	
1/4	2,507.09	1/4	2,150.35	1/4	1,794.27	1/4	1,437.56	1/4	1,083.61	1/4	737.08	1/4	380.01	1/4	29.23	1/4		1/4	
1/2	2,499.66	1/2	2,142.92	1/2	1,786.86	1/2	1,430.12	1/2	1,076.47	1/2	729.65	1/2	372.57	1/2	24.57	1/2		1/2	
3/4	2,492.24	3/4	2,135.49	3/4	1,779.44	3/4	1,422.69	3/4	1,069.33	3/4	722.21	3/4	365.13	3/4	19.92	3/4		3/4	
4	2,484.81	4	2,128.06	4	1,772.02	4	1,415.26	4	1,062.19	4	714.77	4	357.70	4	15.27	4		4	
1/4	2,477.38	1/4	2,120.63	1/4	1,764.60	1/4	1,407.82	1/4	1,055.04	1/4	707.33	1/4	350.26	1/4		1/4		1/4	
1/2	2,469.95	1/2	2,113.20	1/2	1,757.19	1/2	1,400.39	1/2	1,047.90	1/2	699.89	1/2	342.82	1/2		1/2		1/2	
3/4	2,462.53	3/4	2,105.77	3/4	1,749.77	3/4	1,392.95	3/4	1,040.76	3/4	692.45	3/4	335.38	3/4		3/4		3/4	
5	2,455.10	5	2,098.33	5	1,742.35	5	1,385.52	5	1,033.62	5	685.01	5	327.94	5		5		5	
1/4	2,447.67	1/4	2,090.92	1/4	1,734.92	1/4	1,378.09	1/4	1,026.47	1/4	677.57	1/4	320.50	1/4		1/4		1/4	
1/2	2,440.25	1/2	2,083.51	1/2	1,727.48	1/2	1,370.65	1/2	1,019.33	1/2	670.13	1/2	313.06	1/2		1/2		1/2	
3/4	2,432.82	3/4	2,076.10	3/4	1,720.05	3/4	1,363.22	3/4	1,012.19	3/4	662.69	3/4	305.62	3/4		3/4		3/4	
6	2,425.39	6	2,068.69	6	1,712.62	6	1,355.78	6	1,005.05	6	655.26	6	298.18	6		6		6	
1/4	2,417.96	1/4	2,061.28	1/4	1,705.18	1/4	1,348.35	1/4	997.90	1/4	647.82	1/4	290.73	1/4		1/4		1/4	
1/2	2,410.52	1/2	2,053.87	1/2	1,697.75	1/2	1,340.92	1/2	990.76	1/2	640.38	1/2	283.28	1/2		1/2		1/2	
3/4	2,403.08	3/4	2,046.46	3/4	1,690.31	3/4	1,333.48	3/4	983.62	3/4	632.94	3/4	275.83	3/4		3/4		3/4	
7	2,395.65	7	2,039.05	7	1,682.88	7	1,326.05	7	976.48	7	625.50	7	268.38	7		7		7	
1/4	2,388.21	1/4	2,031.63	1/4	1,675.45	1/4	1,318.61	1/4	969.33	1/4	618.06	1/4	260.93	1/4		1/4		1/4	
1/2	2,380.77	1/2	2,024.22	1/2	1,668.01	1/2	1,311.18	1/2	962.19	1/2	610.62	1/2	253.48	1/2		1/2		1/2	
3/4	2,373.34	3/4	2,016.80	3/4	1,660.58	3/4	1,303.75	3/4	955.05	3/4	603.18	3/4	246.03	3/4		3/4		3/4	
8	2,365.90	8	2,009.38	8	1,653.14	8	1,296.31	8	947.91	8	595.74	8	238.58	8		8		8	
1/4	2,358.47	1/4	2,001.96	1/4	1,645.71	1/4	1,288.88	1/4	940.76	1/4	588.30	1/4	231.13	1/4		1/4		1/4	
1/2	2,351.03	1/2	1,994.55	1/2	1,638.28	1/2	1,281.44	1/2	933.62	1/2	580.87	1/2	223.68	1/2		1/2		1/2	
3/4	2,343.59	3/4	1,987.13	3/4	1,630.84	3/4	1,274.01	3/4	926.48	3/4	573.43	3/4	216.23	3/4		3/4		3/4	
9	2,336.16	9	1,979.71	9	1,623.41	9	1,266.58	9	919.34	9	565.99	9	208.78	9		9		9	
1/4	2,328.72	1/4	1,972.29	1/4	1,615.97	1/4	1,259.14	1/4	912.19	1/4	558.55	1/4	201.33	1/4		1/4		1/4	
1/2	2,321.29	1/2	1,964.88	1/2	1,608.54	1/2	1,251.71	1/2	905.05	1/2	551.11	1/2	193.88	1/2		1/2		1/2	
3/4	2,313.85	3/4	1,957.46	3/4	1,601.11	3/4	1,244.27	3/4	897.91	3/4	543.67	3/4	186.43	3/4		3/4		3/4	
10	2,306.41	10	1,950.04	10	1,593.67	10	1,236.84	10	890.77	10	536.23	10	178.98	10		10		10	
1/4	2,298.98	1/4	1,942.62	1/4	1,586.24	1/4	1,229.41	1/4	883.62	1/4	528.79	1/4	171.53	1/4		1/4		1/4	
1/2	2,291.54	1/2	1,935.21	1/2	1,578.80	1/2	1,221.97	1/2	876.48	1/2	521.35	1/2	164.07	1/2		1/2		1/2	
3/4	2,284.11	3/4	1,927.79	3/4	1,571.37	3/4	1,214.54	3/4	869.34	3/4	513.91	3/4	156.62	3/4		3/4		3/4	
11	2,276.67	11	1,920.37	11	1,563.94	11	1,207.10	11	862.20	11	506.48	11	149.17	11		11		11	
1/4	2,269.24	1/4	1,912.95	1/4	1,556.50	1/4	1,199.67	1/4	855.03	1/4	499.04	1/4	141.72	1/4		1/4		1/4	
1/2	2,261.81	1/2	1,905.54	1/2	1,549.07	1/2	1,192.24	1/2	847.86	1/2	491.60	1/2	134.28	1/2		1/2		1/2	
3/4	2,254.38	3/4	1,898.12	3/4	1,541.63	3/4	1,184.80	3/4	840.70	3/4	484.16	3/4	126.83	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL
RECALCULATED:04/01/2026 JS
NAME CHANGE: 04/01/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2026

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 29178"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,270.08	0	4,051.20	0	3,832.30	0	3,612.81	0	3,319.94	0	2,963.32
1/4		1/4		1/4		1/4		1/4	4,265.52	1/4	4,046.64	1/4	3,827.73	1/4	3,608.24	1/4	3,312.53	1/4	2,955.88
1/2		1/2		1/2		1/2	4,470.41	1/2	4,260.96	1/2	4,042.08	1/2	3,823.15	1/2	3,603.67	1/2	3,305.12	1/2	2,948.44
3/4		3/4		3/4		3/4	4,467.23	3/4	4,256.40	3/4	4,037.52	3/4	3,818.58	3/4	3,599.10	3/4	3,297.71	3/4	2,941.01
1		1		1		1	4,464.05	1	4,251.84	1	4,032.96	1	3,814.01	1	3,594.52	1	3,290.30	1	2,933.57
1/4		1/4		1/4		1/4	4,460.86	1/4	4,247.28	1/4	4,028.40	1/4	3,809.44	1/4	3,589.95	1/4	3,282.89	1/4	2,926.13
1/2		1/2		1/2		1/2	4,457.68	1/2	4,242.72	1/2	4,023.84	1/2	3,804.86	1/2	3,585.38	1/2	3,275.48	1/2	2,918.69
3/4		3/4		3/4		3/4	4,453.74	3/4	4,238.16	3/4	4,019.28	3/4	3,800.29	3/4	3,580.81	3/4	3,268.08	3/4	2,911.25
2		2		2		2	4,449.79	2	4,233.60	2	4,014.72	2	3,795.72	2	3,576.23	2	3,260.67	2	2,903.82
1/4		1/4		1/4		1/4	4,445.85	1/4	4,229.04	1/4	4,010.16	1/4	3,791.15	1/4	3,571.66	1/4	3,253.26	1/4	2,896.38
1/2		1/2		1/2		1/2	4,441.90	1/2	4,224.48	1/2	4,005.60	1/2	3,786.57	1/2	3,567.09	1/2	3,245.85	1/2	2,888.94
3/4		3/4		3/4		3/4	4,437.43	3/4	4,219.92	3/4	4,001.04	3/4	3,782.00	3/4	3,562.28	3/4	3,238.44	3/4	2,881.50
3		3		3		3	4,432.96	3	4,215.36	3	3,996.48	3	3,777.43	3	3,557.46	3	3,231.03	3	2,874.07
1/4		1/4		1/4		1/4	4,428.49	1/4	4,210.80	1/4	3,991.92	1/4	3,772.86	1/4	3,552.65	1/4	3,223.62	1/4	2,866.63
1/2		1/2		1/2		1/2	4,424.01	1/2	4,206.24	1/2	3,987.36	1/2	3,768.28	1/2	3,547.84	1/2	3,216.21	1/2	2,859.19
3/4		3/4		3/4		3/4	4,419.51	3/4	4,201.68	3/4	3,982.80	3/4	3,763.71	3/4	3,542.59	3/4	3,208.77	3/4	2,851.75
4		4		4		4	4,415.00	4	4,197.12	4	3,978.24	4	3,759.14	4	3,537.33	4	3,201.33	4	2,844.31
1/4		1/4		1/4		1/4	4,410.49	1/4	4,192.56	1/4	3,973.68	1/4	3,754.56	1/4	3,532.08	1/4	3,193.90	1/4	2,836.88
1/2		1/2		1/2		1/2	4,405.98	1/2	4,188.00	1/2	3,969.12	1/2	3,749.99	1/2	3,526.82	1/2	3,186.46	1/2	2,829.44
3/4		3/4		3/4		3/4	4,401.47	3/4	4,183.44	3/4	3,964.56	3/4	3,745.42	3/4	3,521.09	3/4	3,179.02	3/4	2,822.00
5		5		5		5	4,396.96	5	4,178.88	5	3,960.00	5	3,740.85	5	3,515.36	5	3,171.58	5	2,814.56
1/4		1/4		1/4		1/4	4,392.44	1/4	4,174.32	1/4	3,955.44	1/4	3,736.27	1/4	3,509.63	1/4	3,164.14	1/4	2,807.12
1/2		1/2		1/2		1/2	4,387.93	1/2	4,169.76	1/2	3,950.88	1/2	3,731.70	1/2	3,503.89	1/2	3,156.71	1/2	2,799.69
3/4		3/4		3/4		3/4	4,383.41	3/4	4,165.20	3/4	3,946.32	3/4	3,727.13	3/4	3,497.68	3/4	3,149.27	3/4	2,792.25
6		6		6		6	4,378.89	6	4,160.64	6	3,941.76	6	3,722.56	6	3,491.47	6	3,141.83	6	2,784.81
1/4		1/4		1/4		1/4	4,374.38	1/4	4,156.08	1/4	3,937.20	1/4	3,717.98	1/4	3,485.26	1/4	3,134.39	1/4	2,777.37
1/2		1/2		1/2		1/2	4,369.86	1/2	4,151.52	1/2	3,932.64	1/2	3,713.41	1/2	3,479.05	1/2	3,126.95	1/2	2,769.93
3/4		3/4		3/4		3/4	4,365.35	3/4	4,146.96	3/4	3,928.08	3/4	3,708.84	3/4	3,472.35	3/4	3,119.52	3/4	2,762.50
7		7		7		7	4,360.83	7	4,142.40	7	3,923.52	7	3,704.27	7	3,465.66	7	3,112.08	7	2,755.06
1/4		1/4		1/4		1/4	4,356.32	1/4	4,137.84	1/4	3,918.96	1/4	3,699.69	1/4	3,458.97	1/4	3,104.64	1/4	2,747.62
1/2		1/2		1/2		1/2	4,351.80	1/2	4,133.28	1/2	3,914.40	1/2	3,695.12	1/2	3,452.28	1/2	3,097.20	1/2	2,740.18
3/4		3/4		3/4		3/4	4,347.29	3/4	4,128.72	3/4	3,909.84	3/4	3,690.55	3/4	3,445.11	3/4	3,089.76	3/4	2,732.75
8		8		8		8	4,342.77	8	4,124.16	8	3,905.28	8	3,685.98	8	3,437.94	8	3,082.33	8	2,725.31
1/4		1/4		1/4		1/4	4,338.26	1/4	4,119.60	1/4	3,900.72	1/4	3,681.40	1/4	3,430.77	1/4	3,074.89	1/4	2,717.87
1/2		1/2		1/2		1/2	4,333.74	1/2	4,115.04	1/2	3,896.16	1/2	3,676.83	1/2	3,423.60	1/2	3,067.45	1/2	2,710.43
3/4		3/4		3/4		3/4	4,329.23	3/4	4,110.48	3/4	3,891.60	3/4	3,672.26	3/4	3,416.21	3/4	3,060.01	3/4	2,702.99
9		9		9		9	4,324.71	9	4,105.92	9	3,887.04	9	3,667.69	9	3,408.81	9	3,052.57	9	2,695.56
1/4		1/4		1/4		1/4	4,320.20	1/4	4,101.36	1/4	3,882.48	1/4	3,663.11	1/4	3,401.42	1/4	3,045.14	1/4	2,688.12
1/2		1/2		1/2		1/2	4,315.68	1/2	4,096.80	1/2	3,877.92	1/2	3,658.54	1/2	3,394.02	1/2	3,037.70	1/2	2,680.68
3/4		3/4		3/4		3/4	4,311.12	3/4	4,092.24	3/4	3,873.36	3/4	3,653.97	3/4	3,386.62	3/4	3,030.26	3/4	2,673.24
10		10		10		10	4,306.56	10	4,087.68	10	3,868.80	10	3,649.40	10	3,379.21	10	3,022.82	10	2,665.80
1/4		1/4		1/4		1/4	4,302.00	1/4	4,083.12	1/4	3,864.24	1/4	3,644.82	1/4	3,371.80	1/4	3,015.39	1/4	2,658.37
1/2		1/2		1/2		1/2	4,297.44	1/2	4,078.56	1/2	3,859.68	1/2	3,640.25	1/2	3,364.40	1/2	3,007.95	1/2	2,650.93
3/4		3/4		3/4		3/4	4,292.88	3/4	4,074.00	3/4	3,855.12	3/4	3,635.68	3/4	3,356.99	3/4	3,000.51	3/4	2,643.49
11		11		11		11	4,288.32	11	4,069.44	11	3,850.56	11	3,631.10	11	3,349.58	11	2,993.07	11	2,636.05
1/4		1/4		1/4		1/4	4,283.76	1/4	4,064.88	1/4	3,846.00	1/4	3,626.53	1/4	3,342.17	1/4	2,985.63	1/4	2,628.61
1/2		1/2		1/2		1/2	4,279.20	1/2	4,060.32	1/2	3,841.44	1/2	3,621.96	1/2	3,334.76	1/2	2,978.20	1/2	2,621.17
3/4		3/4		3/4		3/4	4,274.64	3/4	4,055.76	3/4	3,836.87	3/4	3,617.39	3/4	3,327.35	3/4	2,970.76	3/4	2,613.73

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 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 29178"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 17'-03 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	2,606.29	0	2,248.99	0	1,891.47	0	1,533.96	0	1,176.45	0	819.44	0	461.94	0	104.46	0		0	
1/4	2,598.86	1/4	2,241.54	1/4	1,884.02	1/4	1,526.51	1/4	1,169.00	1/4	812.00	1/4	454.49	1/4	97.03	1/4		1/4	
1/2	2,591.42	1/2	2,234.09	1/2	1,876.58	1/2	1,519.06	1/2	1,161.55	1/2	804.55	1/2	447.04	1/2	89.59	1/2		1/2	
3/4	2,583.98	3/4	2,226.64	3/4	1,869.13	3/4	1,511.61	3/4	1,154.11	3/4	797.10	3/4	439.60	3/4	82.18	3/4		3/4	
1	2,576.54	1	2,219.19	1	1,861.68	1	1,504.17	1	1,146.66	1	789.65	1	432.15	1	74.76	1		1	
1/4	2,569.10	1/4	2,211.74	1/4	1,854.23	1/4	1,496.72	1/4	1,139.22	1/4	782.20	1/4	424.70	1/4	67.35	1/4		1/4	
1/2	2,561.66	1/2	2,204.30	1/2	1,846.78	1/2	1,489.27	1/2	1,131.78	1/2	774.76	1/2	417.25	1/2	59.94	1/2		1/2	
3/4	2,554.22	3/4	2,196.85	3/4	1,839.34	3/4	1,481.82	3/4	1,124.34	3/4	767.31	3/4	409.80	3/4	53.43	3/4		3/4	
2	2,546.78	2	2,189.40	2	1,831.89	2	1,474.37	2	1,116.89	2	759.86	2	402.36	2	46.91	2		2	
1/4	2,539.34	1/4	2,181.95	1/4	1,824.44	1/4	1,466.92	1/4	1,109.45	1/4	752.41	1/4	394.91	1/4	40.39	1/4		1/4	
1/2	2,531.91	1/2	2,174.50	1/2	1,816.99	1/2	1,459.48	1/2	1,102.01	1/2	744.96	1/2	387.46	1/2	33.88	1/2		1/2	
3/4	2,524.47	3/4	2,167.06	3/4	1,809.54	3/4	1,452.03	3/4	1,094.57	3/4	737.52	3/4	380.01	3/4	29.22	3/4		3/4	
3	2,517.03	3	2,159.61	3	1,802.09	3	1,444.58	3	1,087.14	3	730.07	3	372.56	3	24.57	3		3	
1/4	2,509.59	1/4	2,152.16	1/4	1,794.65	1/4	1,437.13	1/4	1,079.71	1/4	722.62	1/4	365.12	1/4	19.91	1/4		1/4	
1/2	2,502.15	1/2	2,144.71	1/2	1,787.20	1/2	1,429.68	1/2	1,072.27	1/2	715.17	1/2	357.67	1/2	15.26	1/2		1/2	
3/4	2,494.71	3/4	2,137.26	3/4	1,779.75	3/4	1,422.24	3/4	1,064.84	3/4	707.72	3/4	350.22	3/4		3/4		3/4	
4	2,487.27	4	2,129.81	4	1,772.30	4	1,414.79	4	1,057.41	4	700.28	4	342.77	4		4		4	
1/4	2,479.83	1/4	2,122.37	1/4	1,764.85	1/4	1,407.34	1/4	1,049.97	1/4	692.83	1/4	335.32	1/4		1/4		1/4	
1/2	2,472.39	1/2	2,114.92	1/2	1,757.40	1/2	1,399.89	1/2	1,042.54	1/2	685.38	1/2	327.88	1/2		1/2		1/2	
3/4	2,464.96	3/4	2,107.47	3/4	1,749.96	3/4	1,392.44	3/4	1,035.10	3/4	677.93	3/4	320.43	3/4		3/4		3/4	
5	2,457.52	5	2,100.02	5	1,742.51	5	1,384.99	5	1,027.67	5	670.48	5	312.98	5		5		5	
1/4	2,450.08	1/4	2,092.57	1/4	1,735.06	1/4	1,377.55	1/4	1,020.24	1/4	663.04	1/4	305.53	1/4		1/4		1/4	
1/2	2,442.64	1/2	2,085.13	1/2	1,727.61	1/2	1,370.10	1/2	1,012.80	1/2	655.59	1/2	298.08	1/2		1/2		1/2	
3/4	2,435.19	3/4	2,077.68	3/4	1,720.16	3/4	1,362.65	3/4	1,005.37	3/4	648.14	3/4	290.64	3/4		3/4		3/4	
6	2,427.74	6	2,070.23	6	1,712.72	6	1,355.20	6	997.94	6	640.69	6	283.19	6		6		6	
1/4	2,420.29	1/4	2,062.78	1/4	1,705.27	1/4	1,347.75	1/4	990.50	1/4	633.24	1/4	275.74	1/4		1/4		1/4	
1/2	2,412.85	1/2	2,055.33	1/2	1,697.82	1/2	1,340.31	1/2	983.07	1/2	625.80	1/2	268.29	1/2		1/2		1/2	
3/4	2,405.40	3/4	2,047.88	3/4	1,690.37	3/4	1,332.86	3/4	975.64	3/4	618.35	3/4	260.84	3/4		3/4		3/4	
7	2,397.95	7	2,040.44	7	1,682.92	7	1,325.41	7	968.20	7	610.90	7	253.40	7		7		7	
1/4	2,390.50	1/4	2,032.99	1/4	1,675.47	1/4	1,317.96	1/4	960.77	1/4	603.45	1/4	245.95	1/4		1/4		1/4	
1/2	2,383.05	1/2	2,025.54	1/2	1,668.03	1/2	1,310.51	1/2	953.34	1/2	596.00	1/2	238.50	1/2		1/2		1/2	
3/4	2,375.61	3/4	2,018.09	3/4	1,660.58	3/4	1,303.06	3/4	945.90	3/4	588.56	3/4	231.05	3/4		3/4		3/4	
8	2,368.16	8	2,010.64	8	1,653.13	8	1,295.62	8	938.47	8	581.11	8	223.60	8		8		8	
1/4	2,360.71	1/4	2,003.20	1/4	1,645.68	1/4	1,288.17	1/4	931.03	1/4	573.66	1/4	216.16	1/4		1/4		1/4	
1/2	2,353.26	1/2	1,995.75	1/2	1,638.23	1/2	1,280.72	1/2	923.60	1/2	566.21	1/2	208.71	1/2		1/2		1/2	
3/4	2,345.81	3/4	1,988.30	3/4	1,630.79	3/4	1,273.27	3/4	916.17	3/4	558.76	3/4	201.26	3/4		3/4		3/4	
9	2,338.36	9	1,980.85	9	1,623.34	9	1,265.82	9	908.73	9	551.32	9	193.81	9		9		9	
1/4	2,330.92	1/4	1,973.40	1/4	1,615.89	1/4	1,258.38	1/4	901.30	1/4	543.87	1/4	186.36	1/4		1/4		1/4	
1/2	2,323.47	1/2	1,965.95	1/2	1,608.44	1/2	1,250.93	1/2	893.87	1/2	536.42	1/2	178.92	1/2		1/2		1/2	
3/4	2,316.02	3/4	1,958.51	3/4	1,600.99	3/4	1,243.48	3/4	886.43	3/4	528.97	3/4	171.47	3/4		3/4		3/4	
10	2,308.57	10	1,951.06	10	1,593.54	10	1,236.03	10	879.00	10	521.52	10	164.02	10		10		10	
1/4	2,301.12	1/4	1,943.61	1/4	1,586.10	1/4	1,228.58	1/4	871.57	1/4	514.08	1/4	156.57	1/4		1/4		1/4	
1/2	2,293.68	1/2	1,936.16	1/2	1,578.65	1/2	1,221.13	1/2	864.13	1/2	506.63	1/2	149.12	1/2		1/2		1/2	
3/4	2,286.23	3/4	1,928.71	3/4	1,571.20	3/4	1,213.69	3/4	856.68	3/4	499.18	3/4	141.68	3/4		3/4		3/4	
11	2,278.78	11	1,921.27	11	1,563.75	11	1,206.24	11	849.24	11	491.73	11	134.23	11		11		11	
1/4	2,271.33	1/4	1,913.82	1/4	1,556.30	1/4	1,198.79	1/4	841.79	1/4	484.28	1/4	126.78	1/4		1/4		1/4	
1/2	2,263.88	1/2	1,906.37	1/2	1,548.86	1/2	1,191.34	1/2	834.34	1/2	476.84	1/2	119.34	1/2		1/2		1/2	
3/4	2,256.43	3/4	1,898.92	3/4	1,541.41	3/4	1,183.89	3/4	826.89	3/4	469.39	3/4	111.90	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL
RECALCULATED:04/01/2026 JS
NAME CHANGE: 04/01/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2026

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

BARGE "KIRBY 29178"

FUEL TANK
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

PREVIOUSLY: TMTB 109

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	
1/4	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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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: 10/28/2020 CL
CALCULATED: 10/29/2020 CL
NAME CHANGE: 04/01/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2026

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

BARGE "KIRBY 29178"

SLOP TANK
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

PREVIOUSLY: TMTB 109

GAUGE HEIGHT 5'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	603	0	1,423	0	2,286	0	3,074	0		0		0		0		0	
1/4	7	1/4	619	1/4	1,441	1/4	2,303	1/4	3,088	1/4		1/4		1/4		1/4		1/4	
1/2	15	1/2	635	1/2	1,459	1/2	2,321	1/2	3,102	1/2		1/2		1/2		1/2		1/2	
3/4	22	3/4	651	3/4	1,477	3/4	2,339	3/4	3,117	3/4		3/4		3/4		3/4		3/4	
1	30	1	667	1	1,495	1	2,356	1	3,131	1		1		1		1		1	
1/4	39	1/4	683	1/4	1,513	1/4	2,374	1/4	3,145	1/4		1/4		1/4		1/4		1/4	
1/2	48	1/2	699	1/2	1,531	1/2	2,391	1/2	3,159	1/2		1/2		1/2		1/2		1/2	
3/4	58	3/4	715	3/4	1,549	3/4	2,408	3/4	3,173	3/4		3/4		3/4		3/4		3/4	
2	67	2	732	2	1,567	2	2,426	2	3,187	2		2		2		2		2	
1/4	78	1/4	748	1/4	1,585	1/4	2,443	1/4	3,200	1/4		1/4		1/4		1/4		1/4	
1/2	88	1/2	764	1/2	1,603	1/2	2,460	1/2	3,214	1/2		1/2		1/2		1/2		1/2	
3/4	99	3/4	781	3/4	1,621	3/4	2,478	3/4	3,227	3/4		3/4		3/4		3/4		3/4	
3	109	3	797	3	1,639	3	2,495	3	3,240	3		3		3		3		3	
1/4	120	1/4	814	1/4	1,657	1/4	2,512	1/4	3,253	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	831	1/2	1,675	1/2	2,529	1/2	3,266	1/2		1/2		1/2		1/2		1/2	
3/4	143	3/4	847	3/4	1,693	3/4	2,546	3/4	3,279	3/4		3/4		3/4		3/4		3/4	
4	155	4	864	4	1,711	4	2,563	4	3,292	4		4		4		4		4	
1/4	167	1/4	881	1/4	1,729	1/4	2,580	1/4	3,304	1/4		1/4		1/4		1/4		1/4	
1/2	179	1/2	898	1/2	1,747	1/2	2,597	1/2	3,316	1/2		1/2		1/2		1/2		1/2	
3/4	191	3/4	915	3/4	1,766	3/4	2,614	3/4	3,328	3/4		3/4		3/4		3/4		3/4	
5	203	5	932	5	1,784	5	2,631	5	3,340	5		5		5		5		5	
1/4	216	1/4	949	1/4	1,802	1/4	2,648	1/4	3,352	1/4		1/4		1/4		1/4		1/4	
1/2	229	1/2	966	1/2	1,820	1/2	2,664	1/2	3,363	1/2		1/2		1/2		1/2		1/2	
3/4	242	3/4	983	3/4	1,838	3/4	2,681	3/4	3,374	3/4		3/4		3/4		3/4		3/4	
6	254	6	1,000	6	1,856	6	2,698	6	3,386	6		6		6		6		6	
1/4	268	1/4	1,017	1/4	1,874	1/4	2,714	1/4	3,396	1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	1,035	1/2	1,892	1/2	2,730	1/2	3,407	1/2		1/2		1/2		1/2		1/2	
3/4	295	3/4	1,052	3/4	1,910	3/4	2,747	3/4	3,417	3/4		3/4		3/4		3/4		3/4	
7	308	7	1,069	7	1,928	7	2,763	7	3,428	7		7		7		7		7	
1/4	322	1/4	1,086	1/4	1,946	1/4	2,779	1/4	3,437	1/4		1/4		1/4		1/4		1/4	
1/2	336	1/2	1,104	1/2	1,964	1/2	2,796	1/2	3,446	1/2		1/2		1/2		1/2		1/2	
3/4	350	3/4	1,121	3/4	1,982	3/4	2,812	3/4	3,456	3/4		3/4		3/4		3/4		3/4	
8	364	8	1,139	8	2,000	8	2,828	8	3,465	8		8		8		8		8	
1/4	378	1/4	1,156	1/4	2,018	1/4	2,844	1/4	3,472	1/4		1/4		1/4		1/4		1/4	
1/2	392	1/2	1,174	1/2	2,036	1/2	2,860	1/2	3,480	1/2		1/2		1/2		1/2		1/2	
3/4	407	3/4	1,192	3/4	2,054	3/4	2,876	3/4	3,487	3/4		3/4		3/4		3/4		3/4	
9	421	9	1,209	9	2,072	9	2,891	9	3,495	9		9		9		9		9	
1/4	436	1/4	1,227	1/4	2,090	1/4	2,907	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	451	1/2	1,244	1/2	2,108	1/2	2,923	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	466	3/4	1,262	3/4	2,126	3/4	2,938	3/4		3/4		3/4		3/4		3/4		3/4	
10	480	10	1,280	10	2,144	10	2,954	10		10		10		10		10		10	
1/4	496	1/4	1,298	1/4	2,162	1/4	2,969	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	511	1/2	1,316	1/2	2,179	1/2	2,984	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	526	3/4	1,333	3/4	2,197	3/4	2,999	3/4		3/4		3/4		3/4		3/4		3/4	
11	541	11	1,351	11	2,215	11	3,014	11		11		11		11		11		11	
1/4	557	1/4	1,369	1/4	2,233	1/4	3,029	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	572	1/2	1,387	1/2	2,250	1/2	3,044	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	588	3/4	1,405	3/4	2,268	3/4	3,059	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 TO TOP LIP 2" HERMETIC VALVE

STRAPPED: 10/28/2020 CL
CALCULATED: 10/29/2020 CL
NAME CHANGE: 04/01/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2026

PRECISION MEASUREMENT
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