



BARGE "KIRBY 29187"

ULLAGE (HERMETIC)

FORMERLY "TMTB 101"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
2 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
AFT DRAFT = 6'-00"
DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 01-0/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11"

LENGTH BETWEEN DRAFT MARKS: 236'-00"

December 31, 2025

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

<http://www.pmacorp.net>



BARGE "KIRBY 29187"

1 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-00 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,440.58	0	4,141.43	0	3,825.02	0	3,495.74	0	3,165.19	0	2,834.65	0	2,504.10
1/4		1/4		1/4		1/4	4,434.58	1/4	4,135.03	1/4	3,818.26	1/4	3,488.86	1/4	3,158.31	1/4	2,827.76	1/4	2,497.21
1/2		1/2		1/2		1/2	4,428.58	1/2	4,128.62	1/2	3,811.50	1/2	3,481.97	1/2	3,151.42	1/2	2,820.87	1/2	2,490.33
3/4		3/4		3/4		3/4	4,422.56	3/4	4,122.19	3/4	3,804.72	3/4	3,475.08	3/4	3,144.54	3/4	2,813.99	3/4	2,483.44
1		1		1		1	4,416.54	1	4,115.76	1	3,797.93	1	3,468.20	1	3,137.65	1	2,807.10	1	2,476.55
1/4		1/4		1/4		1/4	4,410.52	1/4	4,109.33	1/4	3,791.15	1/4	3,461.31	1/4	3,130.76	1/4	2,800.22	1/4	2,469.67
1/2		1/2		1/2		1/2	4,404.49	1/2	4,102.90	1/2	3,784.36	1/2	3,454.42	1/2	3,123.88	1/2	2,793.33	1/2	2,462.78
3/4		3/4		3/4		3/4	4,398.40	3/4	4,096.44	3/4	3,777.55	3/4	3,447.54	3/4	3,116.99	3/4	2,786.44	3/4	2,455.90
2		2		2		2	4,392.30	2	4,089.98	2	3,770.74	2	3,440.65	2	3,110.10	2	2,779.56	2	2,449.01
1/4		1/4		1/4		1/4	4,386.21	1/4	4,083.52	1/4	3,763.93	1/4	3,433.76	1/4	3,103.22	1/4	2,772.67	1/4	2,442.12
1/2		1/2		1/2		1/2	4,380.11	1/2	4,077.07	1/2	3,757.12	1/2	3,426.88	1/2	3,096.33	1/2	2,765.78	1/2	2,435.24
3/4		3/4		3/4		3/4	4,373.94	3/4	4,070.56	3/4	3,750.28	3/4	3,419.99	3/4	3,089.44	3/4	2,758.90	3/4	2,428.35
3		3		3		3	4,367.77	3	4,064.06	3	3,743.44	3	3,413.11	3	3,082.56	3	2,752.01	3	2,421.46
1/4		1/4		1/4		1/4	4,361.60	1/4	4,057.56	1/4	3,736.61	1/4	3,406.22	1/4	3,075.67	1/4	2,745.12	1/4	2,414.58
1/2		1/2		1/2		1/2	4,355.43	1/2	4,051.05	1/2	3,729.77	1/2	3,399.33	1/2	3,068.79	1/2	2,738.24	1/2	2,407.69
3/4		3/4		3/4		3/4	4,349.24	3/4	4,044.50	3/4	3,722.90	3/4	3,392.45	3/4	3,061.90	3/4	2,731.35	3/4	2,400.80
4		4		4		4	4,343.04	4	4,037.95	4	3,716.04	4	3,385.56	4	3,055.01	4	2,724.47	4	2,393.92
1/4		1/4		1/4		1/4	4,336.85	1/4	4,031.40	1/4	3,709.18	1/4	3,378.67	1/4	3,048.13	1/4	2,717.58	1/4	2,387.03
1/2		1/2		1/2		1/2	4,330.65	1/2	4,024.85	1/2	3,702.31	1/2	3,371.79	1/2	3,041.24	1/2	2,710.69	1/2	2,380.15
3/4		3/4		3/4		3/4	4,324.43	3/4	4,018.28	3/4	3,695.43	3/4	3,364.90	3/4	3,034.35	3/4	2,703.81	3/4	2,373.26
5		5		5		5	4,318.21	5	4,011.70	5	3,688.55	5	3,358.01	5	3,027.47	5	2,696.92	5	2,366.37
1/4		1/4		1/4		1/4	4,311.98	1/4	4,005.13	1/4	3,681.67	1/4	3,351.13	1/4	3,020.58	1/4	2,690.03	1/4	2,359.49
1/2		1/2		1/2		1/2	4,305.76	1/2	3,998.55	1/2	3,674.79	1/2	3,344.24	1/2	3,013.69	1/2	2,683.15	1/2	2,352.60
3/4		3/4		3/4		3/4	4,299.51	3/4	3,991.95	3/4	3,667.90	3/4	3,337.35	3/4	3,006.81	3/4	2,676.26	3/4	2,345.71
6		6		6		6	4,293.27	6	3,985.35	6	3,661.02	6	3,330.47	6	2,999.92	6	2,669.37	6	2,338.83
1/4		1/4		1/4		1/4	4,287.02	1/4	3,978.75	1/4	3,654.13	1/4	3,323.58	1/4	2,993.03	1/4	2,662.49	1/4	2,331.94
1/2		1/2		1/2		1/2	4,579.18	1/2	4,280.77	1/2	3,972.14	1/2	3,647.24	1/2	3,316.70	1/2	2,986.15	1/2	2,325.05
3/4		3/4		3/4		3/4	4,573.80	3/4	4,274.50	3/4	3,965.52	3/4	3,640.36	3/4	3,309.81	3/4	2,979.26	3/4	2,318.17
7		7		7		7	4,568.43	7	3,958.89	7	3,633.47	7	3,302.92	7	2,972.38	7	2,641.83	7	2,311.28
1/4		1/4		1/4		1/4	4,563.05	1/4	4,261.95	1/4	3,952.26	1/4	3,626.58	1/4	3,296.04	1/4	2,965.49	1/4	2,304.39
1/2		1/2		1/2		1/2	4,557.68	1/2	4,255.67	1/2	3,945.63	1/2	3,619.70	1/2	3,289.15	1/2	2,958.60	1/2	2,297.51
3/4		3/4		3/4		3/4	4,551.27	3/4	4,249.37	3/4	3,938.98	3/4	3,612.81	3/4	3,282.26	3/4	2,951.72	3/4	2,290.62
8		8		8		8	4,544.86	8	4,243.07	8	3,932.32	8	3,605.92	8	3,275.38	8	2,944.83	8	2,283.74
1/4		1/4		1/4		1/4	4,538.46	1/4	4,236.77	1/4	3,925.67	1/4	3,599.04	1/4	3,268.49	1/4	2,937.94	1/4	2,276.85
1/2		1/2		1/2		1/2	4,532.05	1/2	4,230.47	1/2	3,919.02	1/2	3,592.15	1/2	3,261.60	1/2	2,931.06	1/2	2,269.96
3/4		3/4		3/4		3/4	4,525.30	3/4	4,224.15	3/4	3,912.34	3/4	3,585.27	3/4	3,254.72	3/4	2,924.17	3/4	2,263.08
9		9		9		9	4,518.54	9	4,217.82	9	3,905.66	9	3,578.38	9	3,247.83	9	2,917.28	9	2,256.19
1/4		1/4		1/4		1/4	4,511.79	1/4	4,211.49	1/4	3,898.97	1/4	3,571.49	1/4	3,240.95	1/4	2,910.40	1/4	2,249.30
1/2		1/2		1/2		1/2	4,505.04	1/2	4,205.17	1/2	3,892.29	1/2	3,564.61	1/2	3,234.06	1/2	2,903.51	1/2	2,242.42
3/4		3/4		3/4		3/4	4,498.29	3/4	4,198.81	3/4	3,885.59	3/4	3,557.72	3/4	3,227.17	3/4	2,896.63	3/4	2,235.53
10		10		10		10	4,491.54	10	4,192.46	10	3,878.88	10	3,550.83	10	3,220.29	10	2,889.74	10	2,228.64
1/4		1/4		1/4		1/4	4,484.79	1/4	4,186.11	1/4	3,872.17	1/4	3,543.95	1/4	3,213.40	1/4	2,882.85	1/4	2,221.76
1/2		1/2		1/2		1/2	4,478.04	1/2	4,179.76	1/2	3,865.47	1/2	3,537.06	1/2	3,206.51	1/2	2,875.97	1/2	2,214.87
3/4		3/4		3/4		3/4	4,471.67	3/4	4,173.38	3/4	3,858.74	3/4	3,530.17	3/4	3,199.63	3/4	2,869.08	3/4	2,207.99
11		11		11		11	4,465.30	11	4,167.00	11	3,852.00	11	3,523.29	11	3,192.74	11	2,862.19	11	2,201.10
1/4		1/4		1/4		1/4	4,458.93	1/4	4,160.62	1/4	3,845.27	1/4	3,516.40	1/4	3,185.85	1/4	2,855.31	1/4	2,194.21
1/2		1/2		1/2		1/2	4,452.57	1/2	4,154.24	1/2	3,838.54	1/2	3,509.51	1/2	3,178.97	1/2	2,848.42	1/2	2,187.33
3/4		3/4		3/4		3/4	4,446.57	3/4	4,147.84	3/4	3,831.78	3/4	3,502.63	3/4	3,172.08	3/4	2,841.53	3/4	2,180.44

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 11'-09" OFF CENTERLINE AND 44'-02 3/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 29187"

1 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-00 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

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	2,173.55	0	1,842.95	0	1,512.29	0	1,181.63	0	856.54	0	552.70	0	271.01	0	16.86	0		0	
1/4	2,166.67	1/4	1,836.06	1/4	1,505.40	1/4	1,174.74	1/4	849.98	1/4	546.61	1/4	265.36	1/4	13.53	1/4		1/4	
1/2	2,159.78	1/2	1,829.17	1/2	1,498.51	1/2	1,167.85	1/2	843.41	1/2	540.53	1/2	259.71	1/2	10.19	1/2		1/2	
3/4	2,152.89	3/4	1,822.28	3/4	1,491.62	3/4	1,160.96	3/4	836.89	3/4	534.48	3/4	254.10	3/4		3/4		3/4	
1	2,146.01	1	1,815.39	1	1,484.73	1	1,154.08	1	830.36	1	528.44	1	248.49	1		1		1	
1/4	2,139.12	1/4	1,808.50	1/4	1,477.84	1/4	1,147.19	1/4	823.83	1/4	522.39	1/4	242.88	1/4		1/4		1/4	
1/2	2,132.23	1/2	1,801.61	1/2	1,470.96	1/2	1,140.30	1/2	817.31	1/2	516.34	1/2	237.27	1/2		1/2		1/2	
3/4	2,125.35	3/4	1,794.72	3/4	1,464.07	3/4	1,133.41	3/4	810.82	3/4	510.34	3/4	231.69	3/4		3/4		3/4	
2	2,118.46	2	1,787.84	2	1,457.18	2	1,126.52	2	804.33	2	504.33	2	226.12	2		2		2	
1/4	2,111.58	1/4	1,780.95	1/4	1,450.29	1/4	1,119.63	1/4	797.84	1/4	498.32	1/4	220.55	1/4		1/4		1/4	
1/2	2,104.69	1/2	1,774.06	1/2	1,443.40	1/2	1,112.74	1/2	791.35	1/2	492.31	1/2	214.98	1/2		1/2		1/2	
3/4	2,097.80	3/4	1,767.17	3/4	1,436.51	3/4	1,105.86	3/4	784.90	3/4	486.34	3/4	209.44	3/4		3/4		3/4	
3	2,090.92	3	1,760.28	3	1,429.62	3	1,098.98	3	778.45	3	480.37	3	203.91	3		3		3	
1/4	2,084.03	1/4	1,753.39	1/4	1,422.73	1/4	1,092.09	1/4	772.00	1/4	474.40	1/4	198.37	1/4		1/4		1/4	
1/2	2,077.14	1/2	1,746.50	1/2	1,415.85	1/2	1,085.21	1/2	765.55	1/2	468.43	1/2	192.84	1/2		1/2		1/2	
3/4	2,070.26	3/4	1,739.61	3/4	1,408.96	3/4	1,078.34	3/4	759.14	3/4	462.50	3/4	187.34	3/4		3/4		3/4	
4	2,063.37	4	1,732.73	4	1,402.07	4	1,071.48	4	752.73	4	456.57	4	181.84	4		4		4	
1/4	2,056.48	1/4	1,725.84	1/4	1,395.18	1/4	1,064.61	1/4	746.32	1/4	450.64	1/4	176.35	1/4		1/4		1/4	
1/2	2,049.60	1/2	1,718.95	1/2	1,388.29	1/2	1,057.75	1/2	739.90	1/2	444.71	1/2	170.85	1/2		1/2		1/2	
3/4	2,042.71	3/4	1,712.06	3/4	1,381.40	3/4	1,050.92	3/4	733.53	3/4	438.80	3/4	165.39	3/4		3/4		3/4	
5	2,035.82	5	1,705.17	5	1,374.51	5	1,044.08	5	727.16	5	432.90	5	159.93	5		5		5	
1/4	2,028.94	1/4	1,698.28	1/4	1,367.62	1/4	1,037.25	1/4	720.78	1/4	426.99	1/4	154.48	1/4		1/4		1/4	
1/2	2,022.05	1/2	1,691.39	1/2	1,360.74	1/2	1,030.42	1/2	714.41	1/2	421.09	1/2	149.02	1/2		1/2		1/2	
3/4	2,015.16	3/4	1,684.50	3/4	1,353.85	3/4	1,023.63	3/4	708.07	3/4	415.21	3/4	143.60	3/4		3/4		3/4	
6	2,008.27	6	1,677.62	6	1,346.96	6	1,016.84	6	701.74	6	409.33	6	138.18	6		6		6	
1/4	2,001.39	1/4	1,670.73	1/4	1,340.07	1/4	1,010.04	1/4	695.40	1/4	403.45	1/4	132.76	1/4		1/4		1/4	
1/2	1,994.50	1/2	1,663.84	1/2	1,333.18	1/2	1,003.25	1/2	689.07	1/2	397.58	1/2	127.34	1/2		1/2		1/2	
3/4	1,987.61	3/4	1,656.95	3/4	1,326.29	3/4	996.49	3/4	682.77	3/4	391.74	3/4	121.95	3/4		3/4		3/4	
7	1,980.72	7	1,650.06	7	1,319.40	7	989.74	7	676.47	7	385.90	7	116.57	7		7		7	
1/4	1,973.83	1/4	1,643.17	1/4	1,312.52	1/4	982.98	1/4	670.17	1/4	380.06	1/4	111.19	1/4		1/4		1/4	
1/2	1,966.94	1/2	1,636.28	1/2	1,305.63	1/2	976.23	1/2	663.88	1/2	374.22	1/2	105.81	1/2		1/2		1/2	
3/4	1,960.05	3/4	1,629.40	3/4	1,298.74	3/4	969.51	3/4	657.62	3/4	368.42	3/4	100.46	3/4		3/4		3/4	
8	1,953.16	8	1,622.51	8	1,291.85	8	962.79	8	651.36	8	362.61	8	95.12	8		8		8	
1/4	1,946.28	1/4	1,615.62	1/4	1,284.96	1/4	956.08	1/4	645.10	1/4	356.81	1/4	89.78	1/4		1/4		1/4	
1/2	1,939.39	1/2	1,608.73	1/2	1,278.07	1/2	949.36	1/2	638.84	1/2	351.01	1/2	84.43	1/2		1/2		1/2	
3/4	1,932.50	3/4	1,601.84	3/4	1,271.18	3/4	942.68	3/4	632.63	3/4	345.25	3/4	79.13	3/4		3/4		3/4	
9	1,925.61	9	1,594.95	9	1,264.29	9	936.00	9	626.42	9	339.48	9	73.82	9		9		9	
1/4	1,918.72	1/4	1,588.06	1/4	1,257.41	1/4	929.32	1/4	620.21	1/4	333.72	1/4	68.51	1/4		1/4		1/4	
1/2	1,911.83	1/2	1,581.17	1/2	1,250.52	1/2	922.64	1/2	614.00	1/2	327.96	1/2	63.21	1/2		1/2		1/2	
3/4	1,904.94	3/4	1,574.29	3/4	1,243.63	3/4	916.00	3/4	607.84	3/4	322.23	3/4	57.94	3/4		3/4		3/4	
10	1,898.05	10	1,567.40	10	1,236.74	10	909.36	10	601.68	10	316.51	10	52.67	10		10		10	
1/4	1,891.17	1/4	1,560.51	1/4	1,229.85	1/4	902.72	1/4	595.52	1/4	310.78	1/4	47.40	1/4		1/4		1/4	
1/2	1,884.28	1/2	1,553.62	1/2	1,222.96	1/2	896.08	1/2	589.36	1/2	305.06	1/2	42.14	1/2		1/2		1/2	
3/4	1,877.39	3/4	1,546.73	3/4	1,216.07	3/4	889.48	3/4	583.23	3/4	299.37	3/4	37.48	3/4		3/4		3/4	
11	1,870.50	11	1,539.84	11	1,209.18	11	882.88	11	577.11	11	293.68	11	32.83	11		11		11	
1/4	1,863.61	1/4	1,532.95	1/4	1,202.30	1/4	876.27	1/4	570.99	1/4	287.99	1/4	28.17	1/4		1/4		1/4	
1/2	1,856.72	1/2	1,526.06	1/2	1,195.41	1/2	869.67	1/2	564.87	1/2	282.31	1/2	23.51	1/2		1/2		1/2	
3/4	1,849.83	3/4	1,519.18	3/4	1,188.52	3/4	863.11	3/4	558.78	3/4	276.66	3/4	20.19	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2020 JS
RECALCULATED: 12/31/2025
REPRINTED: 12/31/2025

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2025

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



BARGE "KIRBY 29187"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,455.65	0	4,157.02	0	3,841.01	0	3,511.68	0	3,180.83	0	2,849.98	0	2,519.13
1/4		1/4		1/4		1/4	4,449.65	1/4	4,150.61	1/4	3,834.25	1/4	3,504.79	1/4	3,173.94	1/4	2,843.09	1/4	2,512.24
1/2		1/2		1/2		1/2	4,443.64	1/2	4,144.20	1/2	3,827.48	1/2	3,497.90	1/2	3,167.05	1/2	2,836.20	1/2	2,505.35
3/4		3/4		3/4		3/4	4,437.64	3/4	4,137.79	3/4	3,820.72	3/4	3,491.00	3/4	3,160.15	3/4	2,829.30	3/4	2,498.45
1		1		1		1	4,431.64	1	4,131.37	1	3,813.95	1	3,484.11	1	3,153.26	1	2,822.41	1	2,491.56
1/4		1/4		1/4		1/4	4,425.61	1/4	4,124.94	1/4	3,807.16	1/4	3,477.22	1/4	3,146.37	1/4	2,815.52	1/4	2,484.67
1/2		1/2		1/2		1/2	4,419.58	1/2	4,118.50	1/2	3,800.37	1/2	3,470.33	1/2	3,139.48	1/2	2,808.63	1/2	2,477.78
3/4		3/4		3/4		3/4	4,413.55	3/4	4,112.06	3/4	3,793.58	3/4	3,463.43	3/4	3,132.58	3/4	2,801.73	3/4	2,470.88
2		2		2		2	4,407.53	2	4,105.62	2	3,786.79	2	3,456.54	2	3,125.69	2	2,794.84	2	2,463.99
1/4		1/4		1/4		1/4	4,401.42	1/4	4,099.16	1/4	3,779.97	1/4	3,449.65	1/4	3,118.80	1/4	2,787.95	1/4	2,457.10
1/2		1/2		1/2		1/2	4,395.32	1/2	4,092.70	1/2	3,773.15	1/2	3,442.75	1/2	3,111.90	1/2	2,781.06	1/2	2,450.21
3/4		3/4		3/4		3/4	4,389.22	3/4	4,086.23	3/4	3,766.33	3/4	3,435.86	3/4	3,105.01	3/4	2,774.16	3/4	2,443.31
3		3		3		3	4,383.12	3	4,079.77	3	3,759.52	3	3,428.97	3	3,098.12	3	2,767.27	3	2,436.42
1/4		1/4		1/4		1/4	4,376.94	1/4	4,073.26	1/4	3,752.67	1/4	3,422.08	1/4	3,091.23	1/4	2,760.38	1/4	2,429.53
1/2		1/2		1/2		1/2	4,370.77	1/2	4,066.75	1/2	3,745.83	1/2	3,415.18	1/2	3,084.33	1/2	2,753.48	1/2	2,422.63
3/4		3/4		3/4		3/4	4,364.59	3/4	4,060.24	3/4	3,738.99	3/4	3,408.29	3/4	3,077.44	3/4	2,746.59	3/4	2,415.74
4		4		4		4	4,358.41	4	4,053.73	4	3,732.14	4	3,401.40	4	3,070.55	4	2,739.70	4	2,408.85
1/4		1/4		1/4		1/4	4,352.21	1/4	4,047.17	1/4	3,725.27	1/4	3,394.51	1/4	3,063.66	1/4	2,732.81	1/4	2,401.96
1/2		1/2		1/2		1/2	4,346.01	1/2	4,040.62	1/2	3,718.40	1/2	3,387.61	1/2	3,056.76	1/2	2,725.91	1/2	2,395.06
3/4		3/4		3/4		3/4	4,339.81	3/4	4,034.06	3/4	3,711.53	3/4	3,380.72	3/4	3,049.87	3/4	2,719.02	3/4	2,388.17
5		5		5		5	4,333.61	5	4,027.51	5	3,704.66	5	3,373.83	5	3,042.98	5	2,712.13	5	2,381.28
1/4		1/4		1/4		1/4	4,327.38	1/4	4,020.92	1/4	3,697.77	1/4	3,366.93	1/4	3,036.08	1/4	2,705.24	1/4	2,374.39
1/2		1/2		1/2		1/2	4,321.15	1/2	4,014.34	1/2	3,690.88	1/2	3,360.04	1/2	3,029.19	1/2	2,698.34	1/2	2,367.49
3/4		3/4		3/4		3/4	4,314.92	3/4	4,007.76	3/4	3,684.00	3/4	3,353.15	3/4	3,022.30	3/4	2,691.45	3/4	2,360.60
6		6		6		6	4,308.69	6	4,001.18	6	3,677.11	6	3,346.26	6	3,015.41	6	2,684.56	6	2,353.71
1/4		1/4		1/4		1/4	4,302.44	1/4	3,994.57	1/4	3,670.21	1/4	3,339.36	1/4	3,008.51	1/4	2,677.66	1/4	2,346.81
1/2		1/2		1/2		1/2	4,296.19	1/2	3,987.96	1/2	3,663.32	1/2	3,332.47	1/2	3,001.62	1/2	2,670.77	1/2	2,339.92
3/4		3/4		3/4		3/4	4,289.93	3/4	3,981.35	3/4	3,656.43	3/4	3,325.58	3/4	2,994.73	3/4	2,663.88	3/4	2,333.03
7		7		7	4,582.39	7	4,283.68	7	3,974.75	7	3,649.54	7	3,318.69	7	2,987.84	7	2,656.99	7	2,326.14
1/4		1/4		1/4	4,577.01	1/4	4,277.40	1/4	3,968.11	1/4	3,642.64	1/4	3,311.79	1/4	2,980.94	1/4	2,650.09	1/4	2,319.24
1/2		1/2		1/2	4,571.63	1/2	4,271.12	1/2	3,961.48	1/2	3,635.75	1/2	3,304.90	1/2	2,974.05	1/2	2,643.20	1/2	2,312.35
3/4		3/4		3/4	4,566.25	3/4	4,264.83	3/4	3,954.84	3/4	3,628.86	3/4	3,298.01	3/4	2,967.16	3/4	2,636.31	3/4	2,305.46
8		8		8	4,560.86	8	4,258.55	8	3,948.21	8	3,621.96	8	3,291.11	8	2,960.27	8	2,629.42	8	2,298.57
1/4		1/4		1/4	4,554.45	1/4	4,252.25	1/4	3,941.55	1/4	3,615.07	1/4	3,284.22	1/4	2,953.37	1/4	2,622.52	1/4	2,291.67
1/2		1/2		1/2	4,548.04	1/2	4,245.94	1/2	3,934.89	1/2	3,608.18	1/2	3,277.33	1/2	2,946.48	1/2	2,615.63	1/2	2,284.78
3/4		3/4		3/4	4,541.62	3/4	4,239.63	3/4	3,928.23	3/4	3,601.29	3/4	3,270.44	3/4	2,939.59	3/4	2,608.74	3/4	2,277.89
9		9		9	4,535.21	9	4,233.33	9	3,921.57	9	3,594.39	9	3,263.54	9	2,932.69	9	2,601.84	9	2,271.00
1/4		1/4		1/4	4,528.45	1/4	4,226.99	1/4	3,914.88	1/4	3,587.50	1/4	3,256.65	1/4	2,925.80	1/4	2,594.95	1/4	2,264.10
1/2		1/2		1/2	4,521.69	1/2	4,220.66	1/2	3,908.19	1/2	3,580.61	1/2	3,249.76	1/2	2,918.91	1/2	2,588.06	1/2	2,257.21
3/4		3/4		3/4	4,514.93	3/4	4,214.33	3/4	3,901.51	3/4	3,573.72	3/4	3,242.87	3/4	2,912.02	3/4	2,581.17	3/4	2,250.32
10		10		10	4,508.17	10	4,208.00	10	3,894.82	10	3,566.82	10	3,235.97	10	2,905.12	10	2,574.27	10	2,243.42
1/4		1/4		1/4	4,501.42	1/4	4,201.64	1/4	3,888.11	1/4	3,559.93	1/4	3,229.08	1/4	2,898.23	1/4	2,567.38	1/4	2,236.53
1/2		1/2		1/2	4,494.66	1/2	4,195.28	1/2	3,881.39	1/2	3,553.04	1/2	3,222.19	1/2	2,891.34	1/2	2,560.49	1/2	2,229.64
3/4		3/4		3/4	4,487.90	3/4	4,188.92	3/4	3,874.68	3/4	3,546.14	3/4	3,215.30	3/4	2,884.45	3/4	2,553.60	3/4	2,222.75
11		11		11	4,481.14	11	4,182.56	11	3,867.97	11	3,539.25	11	3,208.40	11	2,877.55	11	2,546.70	11	2,215.85
1/4		1/4		1/4	4,474.77	1/4	4,176.17	1/4	3,861.23	1/4	3,532.36	1/4	3,201.51	1/4	2,870.66	1/4	2,539.81	1/4	2,208.96
1/2		1/2		1/2	4,468.40	1/2	4,169.79	1/2	3,854.49	1/2	3,525.47	1/2	3,194.62	1/2	2,863.77	1/2	2,532.92	1/2	2,202.07
3/4		3/4		3/4	4,462.02	3/4	4,163.40	3/4	3,847.75	3/4	3,518.57	3/4	3,187.72	3/4	2,856.87	3/4	2,526.03	3/4	2,195.18

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 11'-09" OFF CENTERLINE AND 44'-02 3/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29187"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

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	2,188.28	0	1,857.37	0	1,526.41	0	1,195.45	0	869.41	0	564.95	0	282.63	0	23.53	0			
1/4	2,181.39	1/4	1,850.48	1/4	1,519.52	1/4	1,188.56	1/4	862.84	1/4	558.88	1/4	276.97	1/4	20.20	1/4			
1/2	2,174.50	1/2	1,843.58	1/2	1,512.62	1/2	1,181.66	1/2	856.27	1/2	552.82	1/2	271.32	1/2	16.87	1/2			
3/4	2,167.60	3/4	1,836.69	3/4	1,505.73	3/4	1,174.77	3/4	849.70	3/4	546.75	3/4	265.66	3/4	13.53	3/4			
1	2,160.71	1	1,829.79	1	1,498.83	1	1,167.87	1	843.13	1	540.68	1	260.00	1	10.20	1			
1/4	2,153.82	1/4	1,822.90	1/4	1,491.94	1/4	1,160.98	1/4	836.60	1/4	534.66	1/4	254.39	1/4		1/4			
1/2	2,146.93	1/2	1,816.00	1/2	1,485.04	1/2	1,154.08	1/2	830.06	1/2	528.63	1/2	248.77	1/2		1/2			
3/4	2,140.03	3/4	1,809.11	3/4	1,478.15	3/4	1,147.19	3/4	823.53	3/4	522.60	3/4	243.15	3/4		3/4			
2	2,133.14	2	1,802.21	2	1,471.25	2	1,140.29	2	817.00	2	516.57	2	237.54	2		2			
1/4	2,126.25	1/4	1,795.32	1/4	1,464.36	1/4	1,133.40	1/4	810.50	1/4	510.58	1/4	231.96	1/4		1/4			
1/2	2,119.36	1/2	1,788.42	1/2	1,457.46	1/2	1,126.50	1/2	804.01	1/2	504.59	1/2	226.38	1/2		1/2			
3/4	2,112.46	3/4	1,781.53	3/4	1,450.57	3/4	1,119.61	3/4	797.51	3/4	498.60	3/4	220.80	3/4		3/4			
3	2,105.57	3	1,774.63	3	1,443.67	3	1,112.71	3	791.02	3	492.61	3	215.22	3		3			
1/4	2,098.68	1/4	1,767.74	1/4	1,436.78	1/4	1,105.82	1/4	784.56	1/4	486.66	1/4	209.68	1/4		1/4			
1/2	2,091.79	1/2	1,760.84	1/2	1,429.88	1/2	1,098.93	1/2	778.11	1/2	480.71	1/2	204.14	1/2		1/2			
3/4	2,084.89	3/4	1,753.95	3/4	1,422.99	3/4	1,092.04	3/4	771.65	3/4	474.76	3/4	198.60	3/4		3/4			
4	2,078.00	4	1,747.05	4	1,416.09	4	1,085.15	4	765.19	4	468.81	4	193.06	4		4			
1/4	2,071.11	1/4	1,740.16	1/4	1,409.20	1/4	1,078.28	1/4	758.78	1/4	462.89	1/4	187.55	1/4		1/4			
1/2	2,064.21	1/2	1,733.26	1/2	1,402.30	1/2	1,071.41	1/2	752.36	1/2	456.98	1/2	182.05	1/2		1/2			
3/4	2,057.32	3/4	1,726.37	3/4	1,395.41	3/4	1,064.54	3/4	745.94	3/4	451.07	3/4	176.55	3/4		3/4			
5	2,050.43	5	1,719.47	5	1,388.51	5	1,057.67	5	739.52	5	445.15	5	171.04	5		5			
1/4	2,043.53	1/4	1,712.58	1/4	1,381.62	1/4	1,050.83	1/4	733.15	1/4	439.26	1/4	165.58	1/4		1/4			
1/2	2,036.64	1/2	1,705.68	1/2	1,374.72	1/2	1,043.99	1/2	726.79	1/2	433.36	1/2	160.11	1/2		1/2			
3/4	2,029.75	3/4	1,698.79	3/4	1,367.83	3/4	1,037.15	3/4	720.42	3/4	427.46	3/4	154.65	3/4		3/4			
6	2,022.85	6	1,691.89	6	1,360.93	6	1,030.32	6	714.05	6	421.56	6	149.19	6		6			
1/4	2,015.96	1/4	1,685.00	1/4	1,354.04	1/4	1,023.52	1/4	707.73	1/4	415.68	1/4	143.76	1/4		1/4			
1/2	2,009.06	1/2	1,678.10	1/2	1,347.14	1/2	1,016.72	1/2	701.41	1/2	409.79	1/2	138.33	1/2		1/2			
3/4	2,002.17	3/4	1,671.21	3/4	1,340.25	3/4	1,009.92	3/4	695.10	3/4	403.91	3/4	132.91	3/4		3/4			
7	1,995.27	7	1,664.31	7	1,333.35	7	1,003.12	7	688.78	7	398.02	7	127.48	7		7			
1/4	1,988.38	1/4	1,657.42	1/4	1,326.46	1/4	996.36	1/4	682.50	1/4	392.18	1/4	122.09	1/4		1/4			
1/2	1,981.48	1/2	1,650.52	1/2	1,319.56	1/2	989.59	1/2	676.22	1/2	386.33	1/2	116.70	1/2		1/2			
3/4	1,974.59	3/4	1,643.63	3/4	1,312.67	3/4	982.83	3/4	669.94	3/4	380.48	3/4	111.31	3/4		3/4			
8	1,967.69	8	1,636.73	8	1,305.77	8	976.07	8	663.66	8	374.64	8	105.92	8		8			
1/4	1,960.80	1/4	1,629.84	1/4	1,298.88	1/4	969.35	1/4	657.42	1/4	368.83	1/4	100.57	1/4		1/4			
1/2	1,953.90	1/2	1,622.94	1/2	1,291.98	1/2	962.62	1/2	651.18	1/2	363.02	1/2	95.22	1/2		1/2			
3/4	1,947.01	3/4	1,616.05	3/4	1,285.09	3/4	955.90	3/4	644.94	3/4	357.21	3/4	89.87	3/4		3/4			
9	1,940.11	9	1,609.15	9	1,278.19	9	949.18	9	638.70	9	351.41	9	84.52	9		9			
1/4	1,933.22	1/4	1,602.26	1/4	1,271.30	1/4	942.49	1/4	632.51	1/4	345.64	1/4	79.21	1/4		1/4			
1/2	1,926.32	1/2	1,595.36	1/2	1,264.40	1/2	935.81	1/2	626.32	1/2	339.87	1/2	73.90	1/2		1/2			
3/4	1,919.43	3/4	1,588.47	3/4	1,257.51	3/4	929.12	3/4	620.12	3/4	334.10	3/4	68.59	3/4		3/4			
10	1,912.53	10	1,581.57	10	1,250.61	10	922.44	10	613.93	10	328.33	10	63.27	10		10			
1/4	1,905.64	1/4	1,574.68	1/4	1,243.72	1/4	915.79	1/4	607.79	1/4	322.60	1/4	58.00	1/4		1/4			
1/2	1,898.74	1/2	1,567.78	1/2	1,236.82	1/2	909.14	1/2	601.65	1/2	316.86	1/2	52.73	1/2		1/2			
3/4	1,891.85	3/4	1,560.89	3/4	1,229.93	3/4	902.50	3/4	595.51	3/4	311.13	3/4	47.45	3/4		3/4			
11	1,884.95	11	1,553.99	11	1,223.03	11	895.85	11	589.36	11	305.40	11	42.18	11		11			
1/4	1,878.06	1/4	1,547.10	1/4	1,216.14	1/4	889.24	1/4	583.26	1/4	299.71	1/4	37.52	1/4		1/4			
1/2	1,871.16	1/2	1,540.20	1/2	1,209.24	1/2	882.63	1/2	577.16	1/2	294.01	1/2	32.86	1/2		1/2			
3/4	1,864.27	3/4	1,533.31	3/4	1,202.35	3/4	876.02	3/4	571.05	3/4	288.32	3/4	28.19	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2020 JS
RECALCULATED: 12/31/2025
REPRINTED: 12/31/2025

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2025

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



BARGE "KIRBY 29187"

2 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-00 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,390.90	0	5,039.49	0	4,668.22	0	4,281.94	0	3,894.18	0	3,506.41	0	3,118.65
1/4		1/4		1/4		1/4	5,383.84	1/4	5,031.97	1/4	4,660.29	1/4	4,273.86	1/4	3,886.10	1/4	3,498.33	1/4	3,110.57
1/2		1/2		1/2		1/2	5,376.78	1/2	5,024.45	1/2	4,652.36	1/2	4,265.78	1/2	3,878.02	1/2	3,490.26	1/2	3,102.49
3/4		3/4		3/4		3/4	5,369.70	3/4	5,016.90	3/4	4,644.40	3/4	4,257.70	3/4	3,869.94	3/4	3,482.18	3/4	3,094.41
1		1		1		1	5,362.61	1	5,009.34	1	4,636.44	1	4,249.63	1	3,861.86	1	3,474.10	1	3,086.34
1/4		1/4		1/4		1/4	5,355.52	1/4	5,001.79	1/4	4,628.48	1/4	4,241.55	1/4	3,853.78	1/4	3,466.02	1/4	3,078.26
1/2		1/2		1/2		1/2	5,348.43	1/2	4,994.24	1/2	4,620.52	1/2	4,233.47	1/2	3,845.71	1/2	3,457.94	1/2	3,070.18
3/4		3/4		3/4		3/4	5,341.26	3/4	4,986.66	3/4	4,612.53	3/4	4,225.39	3/4	3,837.63	3/4	3,449.86	3/4	3,062.10
2		2		2		2	5,334.10	2	4,979.08	2	4,604.54	2	4,217.31	2	3,829.55	2	3,441.79	2	3,054.02
1/4		1/4		1/4		1/4	5,326.93	1/4	4,971.49	1/4	4,596.55	1/4	4,209.23	1/4	3,821.47	1/4	3,433.71	1/4	3,045.94
1/2		1/2		1/2		1/2	5,319.76	1/2	4,963.91	1/2	4,588.56	1/2	4,201.16	1/2	3,813.39	1/2	3,425.63	1/2	3,037.87
3/4		3/4		3/4		3/4	5,312.52	3/4	4,956.28	3/4	4,580.54	3/4	4,193.08	3/4	3,805.31	3/4	3,417.55	3/4	3,029.79
3		3		3		3	5,305.27	3	4,948.65	3	4,572.52	3	4,185.00	3	3,797.24	3	3,409.47	3	3,021.71
1/4		1/4		1/4		1/4	5,298.03	1/4	4,941.01	1/4	4,564.50	1/4	4,176.92	1/4	3,789.16	1/4	3,401.39	1/4	3,013.63
1/2		1/2		1/2		1/2	5,290.78	1/2	4,933.38	1/2	4,556.47	1/2	4,168.84	1/2	3,781.08	1/2	3,393.32	1/2	3,005.55
3/4		3/4		3/4		3/4	5,283.51	3/4	4,925.70	3/4	4,548.42	3/4	4,160.76	3/4	3,773.00	3/4	3,385.24	3/4	2,997.47
4		4		4		4	5,276.23	4	4,918.01	4	4,540.37	4	4,152.69	4	3,764.92	4	3,377.16	4	2,989.40
1/4		1/4		1/4		1/4	5,268.96	1/4	4,910.33	1/4	4,532.32	1/4	4,144.61	1/4	3,756.84	1/4	3,369.08	1/4	2,981.32
1/2		1/2		1/2		1/2	5,261.68	1/2	4,902.65	1/2	4,524.27	1/2	4,136.53	1/2	3,748.77	1/2	3,361.00	1/2	2,973.24
3/4		3/4		3/4		3/4	5,254.38	3/4	4,894.93	3/4	4,516.20	3/4	4,128.45	3/4	3,740.69	3/4	3,352.92	3/4	2,965.16
5		5		5		5	5,247.07	5	4,887.22	5	4,508.12	5	4,120.37	5	3,732.61	5	3,344.85	5	2,957.08
1/4		1/4		1/4		1/4	5,239.76	1/4	4,879.50	1/4	4,500.05	1/4	4,112.29	1/4	3,724.53	1/4	3,336.77	1/4	2,949.00
1/2		1/2		1/2		1/2	5,232.46	1/2	4,871.79	1/2	4,491.98	1/2	4,104.21	1/2	3,716.45	1/2	3,328.69	1/2	2,940.93
3/4		3/4		3/4		3/4	5,225.12	3/4	4,864.04	3/4	4,483.90	3/4	4,096.14	3/4	3,708.37	3/4	3,320.61	3/4	2,932.85
6		6		6		6	5,217.78	6	4,856.30	6	4,475.82	6	4,088.06	6	3,700.29	6	3,312.53	6	2,924.77
1/4		1/4		1/4		1/4	5,210.45	1/4	4,848.55	1/4	4,467.74	1/4	4,079.98	1/4	3,692.22	1/4	3,304.45	1/4	2,916.69
1/2		1/2		1/2	5,554.02	1/2	5,203.11	1/2	4,840.81	1/2	4,459.66	1/2	4,071.90	1/2	3,684.14	1/2	3,296.37	1/2	2,908.61
3/4		3/4		3/4	5,547.69	3/4	5,195.74	3/4	4,833.03	3/4	4,451.59	3/4	4,063.82	3/4	3,676.06	3/4	3,288.30	3/4	2,900.53
7		7		7	5,541.36	7	5,188.37	7	4,825.26	7	4,443.51	7	4,055.74	7	3,667.98	7	3,280.22	7	2,892.45
1/4		1/4		1/4	5,535.03	1/4	5,181.01	1/4	4,817.48	1/4	4,435.43	1/4	4,047.67	1/4	3,659.90	1/4	3,272.14	1/4	2,884.38
1/2		1/2		1/2	5,528.70	1/2	5,173.64	1/2	4,809.71	1/2	4,427.35	1/2	4,039.59	1/2	3,651.82	1/2	3,264.06	1/2	2,876.30
3/4		3/4		3/4	5,521.16	3/4	5,166.24	3/4	4,801.90	3/4	4,419.27	3/4	4,031.51	3/4	3,643.75	3/4	3,255.98	3/4	2,868.22
8		8		8	5,513.62	8	5,158.84	8	4,794.10	8	4,411.19	8	4,023.43	8	3,635.67	8	3,247.90	8	2,860.14
1/4		1/4		1/4	5,506.08	1/4	5,151.44	1/4	4,786.29	1/4	4,403.12	1/4	4,015.35	1/4	3,627.59	1/4	3,239.83	1/4	2,852.06
1/2		1/2		1/2	5,498.54	1/2	5,144.05	1/2	4,778.48	1/2	4,395.04	1/2	4,007.27	1/2	3,619.51	1/2	3,231.75	1/2	2,843.98
3/4		3/4		3/4	5,490.59	3/4	5,136.62	3/4	4,770.65	3/4	4,386.96	3/4	3,999.20	3/4	3,611.43	3/4	3,223.67	3/4	2,835.91
9		9		9	5,482.65	9	5,129.19	9	4,762.81	9	4,378.88	9	3,991.12	9	3,603.35	9	3,215.59	9	2,827.83
1/4		1/4		1/4	5,474.70	1/4	5,121.76	1/4	4,754.97	1/4	4,370.80	1/4	3,983.04	1/4	3,595.28	1/4	3,207.51	1/4	2,819.75
1/2		1/2		1/2	5,466.76	1/2	5,114.33	1/2	4,747.14	1/2	4,362.72	1/2	3,974.96	1/2	3,587.20	1/2	3,199.43	1/2	2,811.67
3/4		3/4		3/4	5,458.82	3/4	5,106.87	3/4	4,739.27	3/4	4,354.65	3/4	3,966.88	3/4	3,579.12	3/4	3,191.36	3/4	2,803.59
10		10		10	5,450.87	10	5,099.41	10	4,731.40	10	4,346.57	10	3,958.80	10	3,571.04	10	3,183.28	10	2,795.51
1/4		1/4		1/4	5,442.93	1/4	5,091.95	1/4	4,723.53	1/4	4,338.49	1/4	3,950.73	1/4	3,562.96	1/4	3,175.20	1/4	2,787.44
1/2		1/2		1/2	5,434.99	1/2	5,084.49	1/2	4,715.67	1/2	4,330.41	1/2	3,942.65	1/2	3,554.88	1/2	3,167.12	1/2	2,779.36
3/4		3/4		3/4	5,427.49	3/4	5,077.00	3/4	4,707.77	3/4	4,322.33	3/4	3,934.57	3/4	3,546.81	3/4	3,159.04	3/4	2,771.28
11		11		11	5,420.00	11	5,069.51	11	4,699.87	11	4,314.25	11	3,926.49	11	3,538.73	11	3,150.96	11	2,763.20
1/4		1/4		1/4	5,412.51	1/4	5,062.02	1/4	4,691.97	1/4	4,306.17	1/4	3,918.41	1/4	3,530.65	1/4	3,142.89	1/4	2,755.12
1/2		1/2		1/2	5,405.02	1/2	5,054.53	1/2	4,684.07	1/2	4,298.10	1/2	3,910.33	1/2	3,522.57	1/2	3,134.81	1/2	2,747.04
3/4		3/4		3/4	5,397.96	3/4	5,047.01	3/4	4,676.14	3/4	4,290.02	3/4	3,902.25	3/4	3,514.49	3/4	3,126.73	3/4	2,738.97

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 11'-09" OFF CENTERLINE AND 41'-06 3/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29187"

2 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-00 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

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	2,730.89	0	2,343.06	0	1,955.19	0	1,567.32	0	1,179.44	0	791.84	0	404.43	0	24.65	0		0	
1/4	2,722.81	1/4	2,334.98	1/4	1,947.11	1/4	1,559.24	1/4	1,171.36	1/4	783.78	1/4	396.35	1/4	19.26	1/4		1/4	
1/2	2,714.73	1/2	2,326.90	1/2	1,939.03	1/2	1,551.16	1/2	1,163.28	1/2	775.73	1/2	388.27	1/2	13.88	1/2		1/2	
3/4	2,706.65	3/4	2,318.82	3/4	1,930.95	3/4	1,543.08	3/4	1,155.20	3/4	767.67	3/4	380.19	3/4		3/4		3/4	
1	2,698.57	1	2,310.74	1	1,922.87	1	1,534.99	1	1,147.12	1	759.61	1	372.11	1		1		1	
1/4	2,690.49	1/4	2,302.66	1/4	1,914.79	1/4	1,526.91	1/4	1,139.04	1/4	751.55	1/4	364.03	1/4		1/4		1/4	
1/2	2,682.42	1/2	2,294.58	1/2	1,906.71	1/2	1,518.83	1/2	1,130.96	1/2	743.49	1/2	355.95	1/2		1/2		1/2	
3/4	2,674.34	3/4	2,286.50	3/4	1,898.63	3/4	1,510.75	3/4	1,122.88	3/4	735.44	3/4	347.87	3/4		3/4		3/4	
2	2,666.26	2	2,278.42	2	1,890.55	2	1,502.67	2	1,114.80	2	727.38	2	339.79	2		2		2	
1/4	2,658.18	1/4	2,270.34	1/4	1,882.46	1/4	1,494.59	1/4	1,106.72	1/4	719.32	1/4	331.71	1/4		1/4		1/4	
1/2	2,650.10	1/2	2,262.26	1/2	1,874.38	1/2	1,486.51	1/2	1,098.64	1/2	711.26	1/2	323.63	1/2		1/2		1/2	
3/4	2,642.02	3/4	2,254.18	3/4	1,866.30	3/4	1,478.43	3/4	1,090.56	3/4	703.20	3/4	315.55	3/4		3/4		3/4	
3	2,633.95	3	2,246.10	3	1,858.22	3	1,470.35	3	1,082.48	3	695.15	3	307.47	3		3		3	
1/4	2,625.87	1/4	2,238.02	1/4	1,850.14	1/4	1,462.27	1/4	1,074.39	1/4	687.09	1/4	299.38	1/4		1/4		1/4	
1/2	2,617.79	1/2	2,229.93	1/2	1,842.06	1/2	1,454.19	1/2	1,066.31	1/2	679.03	1/2	291.30	1/2		1/2		1/2	
3/4	2,609.71	3/4	2,221.85	3/4	1,833.98	3/4	1,446.11	3/4	1,058.23	3/4	670.97	3/4	283.22	3/4		3/4		3/4	
4	2,601.63	4	2,213.77	4	1,825.90	4	1,438.03	4	1,050.15	4	662.91	4	275.14	4		4		4	
1/4	2,593.55	1/4	2,205.69	1/4	1,817.82	1/4	1,429.95	1/4	1,042.07	1/4	654.86	1/4	267.06	1/4		1/4		1/4	
1/2	2,585.48	1/2	2,197.61	1/2	1,809.74	1/2	1,421.86	1/2	1,033.99	1/2	646.80	1/2	258.98	1/2		1/2		1/2	
3/4	2,577.40	3/4	2,189.53	3/4	1,801.66	3/4	1,413.78	3/4	1,025.91	3/4	638.73	3/4	250.90	3/4		3/4		3/4	
5	2,569.32	5	2,181.45	5	1,793.58	5	1,405.70	5	1,017.83	5	630.66	5	242.82	5		5		5	
1/4	2,561.24	1/4	2,173.37	1/4	1,785.50	1/4	1,397.62	1/4	1,009.75	1/4	622.59	1/4	234.74	1/4		1/4		1/4	
1/2	2,553.16	1/2	2,165.29	1/2	1,777.42	1/2	1,389.54	1/2	1,001.67	1/2	614.52	1/2	226.66	1/2		1/2		1/2	
3/4	2,545.08	3/4	2,157.21	3/4	1,769.33	3/4	1,381.46	3/4	993.59	3/4	606.44	3/4	218.58	3/4		3/4		3/4	
6	2,537.00	6	2,149.13	6	1,761.25	6	1,373.38	6	985.51	6	598.36	6	210.50	6		6		6	
1/4	2,528.92	1/4	2,141.05	1/4	1,753.17	1/4	1,365.30	1/4	977.43	1/4	590.28	1/4	202.42	1/4		1/4		1/4	
1/2	2,520.84	1/2	2,132.97	1/2	1,745.09	1/2	1,357.22	1/2	969.35	1/2	582.20	1/2	194.34	1/2		1/2		1/2	
3/4	2,512.76	3/4	2,124.89	3/4	1,737.01	3/4	1,349.14	3/4	961.26	3/4	574.12	3/4	186.26	3/4		3/4		3/4	
7	2,504.68	7	2,116.81	7	1,728.93	7	1,341.06	7	953.18	7	566.04	7	178.18	7		7		7	
1/4	2,496.60	1/4	2,108.72	1/4	1,720.85	1/4	1,332.98	1/4	945.10	1/4	557.96	1/4	170.10	1/4		1/4		1/4	
1/2	2,488.52	1/2	2,100.64	1/2	1,712.77	1/2	1,324.90	1/2	937.02	1/2	549.88	1/2	162.02	1/2		1/2		1/2	
3/4	2,480.44	3/4	2,092.56	3/4	1,704.69	3/4	1,316.82	3/4	928.94	3/4	541.80	3/4	153.94	3/4		3/4		3/4	
8	2,472.36	8	2,084.48	8	1,696.61	8	1,308.74	8	920.86	8	533.72	8	145.86	8		8		8	
1/4	2,464.28	1/4	2,076.40	1/4	1,688.53	1/4	1,300.65	1/4	912.78	1/4	525.64	1/4	137.77	1/4		1/4		1/4	
1/2	2,456.19	1/2	2,068.32	1/2	1,680.45	1/2	1,292.57	1/2	904.70	1/2	517.56	1/2	129.69	1/2		1/2		1/2	
3/4	2,448.11	3/4	2,060.24	3/4	1,672.37	3/4	1,284.49	3/4	896.63	3/4	509.48	3/4	121.61	3/4		3/4		3/4	
9	2,440.03	9	2,052.16	9	1,664.29	9	1,276.41	9	888.56	9	501.40	9	113.53	9		9		9	
1/4	2,431.95	1/4	2,044.08	1/4	1,656.21	1/4	1,268.33	1/4	880.49	1/4	493.32	1/4	105.45	1/4		1/4		1/4	
1/2	2,423.87	1/2	2,036.00	1/2	1,648.12	1/2	1,260.25	1/2	872.42	1/2	485.24	1/2	97.37	1/2		1/2		1/2	
3/4	2,415.79	3/4	2,027.92	3/4	1,640.04	3/4	1,252.17	3/4	864.36	3/4	477.16	3/4	89.29	3/4		3/4		3/4	
10	2,407.71	10	2,019.84	10	1,631.96	10	1,244.09	10	856.31	10	469.08	10	81.21	10		10		10	
1/4	2,399.63	1/4	2,011.76	1/4	1,623.88	1/4	1,236.01	1/4	848.25	1/4	460.99	1/4	73.13	1/4		1/4		1/4	
1/2	2,391.55	1/2	2,003.68	1/2	1,615.80	1/2	1,227.93	1/2	840.19	1/2	452.91	1/2	65.05	1/2		1/2		1/2	
3/4	2,383.47	3/4	1,995.59	3/4	1,607.72	3/4	1,219.85	3/4	832.13	3/4	444.83	3/4	57.64	3/4		3/4		3/4	
11	2,375.39	11	1,987.51	11	1,599.64	11	1,211.77	11	824.07	11	436.75	11	50.24	11		11		11	
1/4	2,367.31	1/4	1,979.43	1/4	1,591.56	1/4	1,203.69	1/4	816.02	1/4	428.67	1/4	42.83	1/4		1/4		1/4	
1/2	2,359.23	1/2	1,971.35	1/2	1,583.48	1/2	1,195.61	1/2	807.96	1/2	420.59	1/2	35.42	1/2		1/2		1/2	
3/4	2,351.15	3/4	1,963.27	3/4	1,575.40	3/4	1,187.52	3/4	799.90	3/4	412.51	3/4	30.04	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2020 JS
RECALCULATED: 12/31/2025
REPRINTED: 12/31/2025

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2025

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



BARGE "KIRBY 29187"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,398.54	0	5,047.45	0	4,676.39	0	4,289.81	0	3,901.44	0	3,513.07	0	3,124.70
1/4		1/4		1/4		1/4	5,391.47	1/4	5,039.92	1/4	4,668.44	1/4	4,281.71	1/4	3,893.35	1/4	3,504.98	1/4	3,116.61
1/2		1/2		1/2		1/2	5,384.40	1/2	5,032.38	1/2	4,660.50	1/2	4,273.62	1/2	3,885.26	1/2	3,496.89	1/2	3,108.52
3/4		3/4		3/4		3/4	5,377.33	3/4	5,024.85	3/4	4,652.56	3/4	4,265.53	3/4	3,877.16	3/4	3,488.80	3/4	3,100.43
1		1		1		1	5,370.26	1	5,017.31	1	4,644.62	1	4,257.44	1	3,869.07	1	3,480.71	1	3,092.34
1/4		1/4		1/4		1/4	5,363.16	1/4	5,009.75	1/4	4,636.65	1/4	4,249.35	1/4	3,860.98	1/4	3,472.61	1/4	3,084.25
1/2		1/2		1/2		1/2	5,356.05	1/2	5,002.19	1/2	4,628.68	1/2	4,241.26	1/2	3,852.89	1/2	3,464.52	1/2	3,076.16
3/4		3/4		3/4		3/4	5,348.95	3/4	4,994.62	3/4	4,620.70	3/4	4,233.17	3/4	3,844.80	3/4	3,456.43	3/4	3,068.06
2		2		2		2	5,341.85	2	4,987.06	2	4,612.73	2	4,225.08	2	3,836.71	2	3,448.34	2	3,059.97
1/4		1/4		1/4		1/4	5,334.67	1/4	4,979.46	1/4	4,604.73	1/4	4,216.99	1/4	3,828.62	1/4	3,440.25	1/4	3,051.88
1/2		1/2		1/2		1/2	5,327.49	1/2	4,971.87	1/2	4,596.73	1/2	4,208.90	1/2	3,820.53	1/2	3,432.16	1/2	3,043.79
3/4		3/4		3/4		3/4	5,320.31	3/4	4,964.27	3/4	4,588.72	3/4	4,200.80	3/4	3,812.44	3/4	3,424.07	3/4	3,035.70
3		3		3		3	5,313.14	3	4,956.68	3	4,580.72	3	4,192.71	3	3,804.35	3	3,415.98	3	3,027.61
1/4		1/4		1/4		1/4	5,305.88	1/4	4,949.03	1/4	4,572.69	1/4	4,184.62	1/4	3,796.25	1/4	3,407.89	1/4	3,019.52
1/2		1/2		1/2		1/2	5,298.62	1/2	4,941.39	1/2	4,564.65	1/2	4,176.53	1/2	3,788.16	1/2	3,399.80	1/2	3,011.43
3/4		3/4		3/4		3/4	5,291.36	3/4	4,933.74	3/4	4,556.62	3/4	4,168.44	3/4	3,780.07	3/4	3,391.70	3/4	3,003.34
4		4		4		4	5,284.11	4	4,926.10	4	4,548.59	4	4,160.35	4	3,771.98	4	3,383.61	4	2,995.25
1/4		1/4		1/4		1/4	5,276.82	1/4	4,918.40	1/4	4,540.52	1/4	4,152.26	1/4	3,763.89	1/4	3,375.52	1/4	2,987.15
1/2		1/2		1/2		1/2	5,269.53	1/2	4,910.70	1/2	4,532.46	1/2	4,144.17	1/2	3,755.80	1/2	3,367.43	1/2	2,979.06
3/4		3/4		3/4		3/4	5,262.24	3/4	4,903.01	3/4	4,524.39	3/4	4,136.08	3/4	3,747.71	3/4	3,359.34	3/4	2,970.97
5		5		5		5	5,254.95	5	4,895.31	5	4,516.33	5	4,127.99	5	3,739.62	5	3,351.25	5	2,962.88
1/4		1/4		1/4		1/4	5,247.63	1/4	4,887.58	1/4	4,508.24	1/4	4,119.89	1/4	3,731.53	1/4	3,343.16	1/4	2,954.79
1/2		1/2		1/2		1/2	5,240.31	1/2	4,879.86	1/2	4,500.16	1/2	4,111.80	1/2	3,723.44	1/2	3,335.07	1/2	2,946.70
3/4		3/4		3/4		3/4	5,233.00	3/4	4,872.13	3/4	4,492.07	3/4	4,103.71	3/4	3,715.34	3/4	3,326.98	3/4	2,938.61
6		6		6		6	5,225.68	6	4,864.40	6	4,483.99	6	4,095.62	6	3,707.25	6	3,318.89	6	2,930.52
1/4		1/4		1/4		1/4	5,218.33	1/4	4,856.65	1/4	4,475.90	1/4	4,087.53	1/4	3,699.16	1/4	3,310.79	1/4	2,922.43
1/2		1/2		1/2		1/2	5,210.98	1/2	4,848.89	1/2	4,467.81	1/2	4,079.44	1/2	3,691.07	1/2	3,302.70	1/2	2,914.34
3/4		3/4		3/4		3/4	5,203.63	3/4	4,841.13	3/4	4,459.72	3/4	4,071.35	3/4	3,682.98	3/4	3,294.61	3/4	2,906.24
7		7		7	5,547.78	7	5,196.28	7	4,833.38	7	4,451.63	7	4,063.26	7	3,674.89	7	3,286.52	7	2,898.15
1/4		1/4		1/4	5,541.44	1/4	5,188.90	1/4	4,825.59	1/4	4,443.53	1/4	4,055.17	1/4	3,666.80	1/4	3,278.43	1/4	2,890.06
1/2		1/2		1/2	5,535.10	1/2	5,181.52	1/2	4,817.80	1/2	4,435.44	1/2	4,047.08	1/2	3,658.71	1/2	3,270.34	1/2	2,881.97
3/4		3/4		3/4	5,528.76	3/4	5,174.14	3/4	4,810.01	3/4	4,427.35	3/4	4,038.98	3/4	3,650.62	3/4	3,262.25	3/4	2,873.88
8		8		8	5,522.42	8	5,166.76	8	4,802.22	8	4,419.26	8	4,030.89	8	3,642.53	8	3,254.16	8	2,865.79
1/4		1/4		1/4	5,514.87	1/4	5,159.35	1/4	4,794.40	1/4	4,411.17	1/4	4,022.80	1/4	3,634.43	1/4	3,246.07	1/4	2,857.70
1/2		1/2		1/2	5,507.32	1/2	5,151.94	1/2	4,786.59	1/2	4,403.08	1/2	4,014.71	1/2	3,626.34	1/2	3,237.98	1/2	2,849.61
3/4		3/4		3/4	5,499.76	3/4	5,144.53	3/4	4,778.77	3/4	4,394.99	3/4	4,006.62	3/4	3,618.25	3/4	3,229.88	3/4	2,841.52
9		9		9	5,492.21	9	5,137.12	9	4,770.95	9	4,386.90	9	3,998.53	9	3,610.16	9	3,221.79	9	2,833.43
1/4		1/4		1/4	5,484.25	1/4	5,129.67	1/4	4,763.10	1/4	4,378.81	1/4	3,990.44	1/4	3,602.07	1/4	3,213.70	1/4	2,825.33
1/2		1/2		1/2	5,476.30	1/2	5,122.23	1/2	4,755.25	1/2	4,370.72	1/2	3,982.35	1/2	3,593.98	1/2	3,205.61	1/2	2,817.24
3/4		3/4		3/4	5,468.34	3/4	5,114.79	3/4	4,747.40	3/4	4,362.62	3/4	3,974.26	3/4	3,585.89	3/4	3,197.52	3/4	2,809.15
10		10		10	5,460.39	10	5,107.35	10	4,739.55	10	4,354.53	10	3,966.17	10	3,577.80	10	3,189.43	10	2,801.06
1/4		1/4		1/4	5,452.43	1/4	5,099.88	1/4	4,731.67	1/4	4,346.44	1/4	3,958.07	1/4	3,569.71	1/4	3,181.34	1/4	2,792.97
1/2		1/2		1/2	5,444.47	1/2	5,092.40	1/2	4,723.79	1/2	4,338.35	1/2	3,949.98	1/2	3,561.62	1/2	3,173.25	1/2	2,784.88
3/4		3/4		3/4	5,436.52	3/4	5,084.93	3/4	4,715.91	3/4	4,330.26	3/4	3,941.89	3/4	3,553.52	3/4	3,165.16	3/4	2,776.79
11		11		11	5,428.56	11	5,077.46	11	4,708.03	11	4,322.17	11	3,933.80	11	3,545.43	11	3,157.07	11	2,768.70
1/4		1/4		1/4	5,421.06	1/4	5,069.96	1/4	4,700.12	1/4	4,314.08	1/4	3,925.71	1/4	3,537.34	1/4	3,148.97	1/4	2,760.61
1/2		1/2		1/2	5,413.55	1/2	5,062.45	1/2	4,692.21	1/2	4,305.99	1/2	3,917.62	1/2	3,529.25	1/2	3,140.88	1/2	2,752.52
3/4		3/4		3/4	5,406.04	3/4	5,054.95	3/4	4,684.30	3/4	4,297.90	3/4	3,909.53	3/4	3,521.16	3/4	3,132.79	3/4	2,744.42

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 11'-09" OFF CENTERLINE AND 41'-06 3/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29187"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

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	2,736.33	0	2,347.91	0	1,959.43	0	1,570.95	0	1,182.47	0	802.35	0	421.25	0	35.48	0		0	
1/4	2,728.24	1/4	2,339.82	1/4	1,951.34	1/4	1,562.86	1/4	1,174.38	1/4	794.59	1/4	413.16	1/4	30.09	1/4		1/4	
1/2	2,720.15	1/2	2,331.72	1/2	1,943.25	1/2	1,554.77	1/2	1,166.29	1/2	786.83	1/2	405.06	1/2	24.69	1/2		1/2	
3/4	2,712.06	3/4	2,323.63	3/4	1,935.15	3/4	1,546.67	3/4	1,158.19	3/4	779.08	3/4	396.97	3/4	19.30	3/4		3/4	
1	2,703.97	1	2,315.54	1	1,927.06	1	1,538.58	1	1,150.10	1	771.32	1	388.88	1	13.90	1		1	
1/4	2,695.88	1/4	2,307.44	1/4	1,918.97	1/4	1,530.49	1/4	1,142.01	1/4	763.56	1/4	380.79	1/4		1/4		1/4	
1/2	2,687.79	1/2	2,299.35	1/2	1,910.87	1/2	1,522.39	1/2	1,133.92	1/2	755.80	1/2	372.69	1/2		1/2		1/2	
3/4	2,679.70	3/4	2,291.26	3/4	1,902.78	3/4	1,514.30	3/4	1,125.82	3/4	748.04	3/4	364.60	3/4		3/4		3/4	
2	2,671.61	2	2,283.16	2	1,894.69	2	1,506.21	2	1,117.73	2	740.29	2	356.51	2		2		2	
1/4	2,663.51	1/4	2,275.07	1/4	1,886.59	1/4	1,498.11	1/4	1,109.64	1/4	732.53	1/4	348.41	1/4		1/4		1/4	
1/2	2,655.42	1/2	2,266.98	1/2	1,878.50	1/2	1,490.02	1/2	1,101.54	1/2	724.77	1/2	340.32	1/2		1/2		1/2	
3/4	2,647.33	3/4	2,258.88	3/4	1,870.41	3/4	1,481.93	3/4	1,093.45	3/4	717.01	3/4	332.23	3/4		3/4		3/4	
3	2,639.24	3	2,250.79	3	1,862.31	3	1,473.83	3	1,085.36	3	709.25	3	324.13	3		3		3	
1/4	2,631.15	1/4	2,242.70	1/4	1,854.22	1/4	1,465.74	1/4	1,077.26	1/4	701.50	1/4	316.04	1/4		1/4		1/4	
1/2	2,623.06	1/2	2,234.60	1/2	1,846.13	1/2	1,457.65	1/2	1,069.17	1/2	693.74	1/2	307.95	1/2		1/2		1/2	
3/4	2,614.97	3/4	2,226.51	3/4	1,838.03	3/4	1,449.55	3/4	1,061.08	3/4	685.98	3/4	299.86	3/4		3/4		3/4	
4	2,606.88	4	2,218.42	4	1,829.94	4	1,441.46	4	1,052.98	4	678.22	4	291.76	4		4		4	
1/4	2,598.79	1/4	2,210.32	1/4	1,821.85	1/4	1,433.37	1/4	1,044.89	1/4	670.46	1/4	283.67	1/4		1/4		1/4	
1/2	2,590.70	1/2	2,202.23	1/2	1,813.75	1/2	1,425.27	1/2	1,036.80	1/2	662.70	1/2	275.58	1/2		1/2		1/2	
3/4	2,582.60	3/4	2,194.14	3/4	1,805.66	3/4	1,417.18	3/4	1,028.70	3/4	654.95	3/4	267.48	3/4		3/4		3/4	
5	2,574.51	5	2,186.04	5	1,797.57	5	1,409.09	5	1,020.61	5	647.19	5	259.39	5		5		5	
1/4	2,566.42	1/4	2,177.95	1/4	1,789.47	1/4	1,400.99	1/4	1,012.67	1/4	639.26	1/4	251.30	1/4		1/4		1/4	
1/2	2,558.33	1/2	2,169.86	1/2	1,781.38	1/2	1,392.90	1/2	1,004.73	1/2	631.34	1/2	243.20	1/2		1/2		1/2	
3/4	2,550.24	3/4	2,161.76	3/4	1,773.29	3/4	1,384.81	3/4	996.80	3/4	623.41	3/4	235.11	3/4		3/4		3/4	
6	2,542.15	6	2,153.67	6	1,765.19	6	1,376.71	6	988.86	6	615.48	6	227.02	6		6		6	
1/4	2,534.06	1/4	2,145.58	1/4	1,757.10	1/4	1,368.62	1/4	981.08	1/4	607.39	1/4	218.93	1/4		1/4		1/4	
1/2	2,525.96	1/2	2,137.48	1/2	1,749.01	1/2	1,360.53	1/2	973.30	1/2	599.30	1/2	210.83	1/2		1/2		1/2	
3/4	2,517.87	3/4	2,129.39	3/4	1,740.91	3/4	1,352.43	3/4	965.52	3/4	591.20	3/4	202.74	3/4		3/4		3/4	
7	2,509.78	7	2,121.30	7	1,732.82	7	1,344.34	7	957.74	7	583.11	7	194.65	7		7		7	
1/4	2,501.68	1/4	2,113.20	1/4	1,724.73	1/4	1,336.25	1/4	949.96	1/4	575.02	1/4	186.55	1/4		1/4		1/4	
1/2	2,493.59	1/2	2,105.11	1/2	1,716.63	1/2	1,328.15	1/2	942.18	1/2	566.92	1/2	178.46	1/2		1/2		1/2	
3/4	2,485.50	3/4	2,097.02	3/4	1,708.54	3/4	1,320.06	3/4	934.40	3/4	558.83	3/4	170.37	3/4		3/4		3/4	
8	2,477.40	8	2,088.92	8	1,700.45	8	1,311.97	8	926.61	8	550.74	8	162.27	8		8		8	
1/4	2,469.31	1/4	2,080.83	1/4	1,692.35	1/4	1,303.87	1/4	918.83	1/4	542.65	1/4	154.18	1/4		1/4		1/4	
1/2	2,461.22	1/2	2,072.74	1/2	1,684.26	1/2	1,295.78	1/2	911.05	1/2	534.55	1/2	146.09	1/2		1/2		1/2	
3/4	2,453.12	3/4	2,064.64	3/4	1,676.17	3/4	1,287.69	3/4	903.27	3/4	526.46	3/4	138.00	3/4		3/4		3/4	
9	2,445.03	9	2,056.55	9	1,668.07	9	1,279.59	9	895.49	9	518.37	9	129.90	9		9		9	
1/4	2,436.94	1/4	2,048.46	1/4	1,659.98	1/4	1,271.50	1/4	887.72	1/4	510.27	1/4	121.81	1/4		1/4		1/4	
1/2	2,428.84	1/2	2,040.36	1/2	1,651.89	1/2	1,263.41	1/2	879.95	1/2	502.18	1/2	113.72	1/2		1/2		1/2	
3/4	2,420.75	3/4	2,032.27	3/4	1,643.79	3/4	1,255.31	3/4	872.18	3/4	494.09	3/4	105.62	3/4		3/4		3/4	
10	2,412.66	10	2,024.18	10	1,635.70	10	1,247.22	10	864.42	10	485.99	10	97.53	10		10		10	
1/4	2,404.56	1/4	2,016.08	1/4	1,627.61	1/4	1,239.13	1/4	856.66	1/4	477.90	1/4	89.44	1/4		1/4		1/4	
1/2	2,396.47	1/2	2,007.99	1/2	1,619.51	1/2	1,231.03	1/2	848.90	1/2	469.81	1/2	81.34	1/2		1/2		1/2	
3/4	2,388.38	3/4	1,999.90	3/4	1,611.42	3/4	1,222.94	3/4	841.14	3/4	461.72	3/4	73.25	3/4		3/4		3/4	
11	2,380.28	11	1,991.80	11	1,603.33	11	1,214.85	11	833.38	11	453.62	11	65.16	11		11		11	
1/4	2,372.19	1/4	1,983.71	1/4	1,595.23	1/4	1,206.75	1/4	825.62	1/4	445.53	1/4	57.74	1/4		1/4		1/4	
1/2	2,364.10	1/2	1,975.62	1/2	1,587.14	1/2	1,198.66	1/2	817.87	1/2	437.44	1/2	50.32	1/2		1/2		1/2	
3/4	2,356.00	3/4	1,967.52	3/4	1,579.05	3/4	1,190.57	3/4	810.11	3/4	429.34	3/4	42.90	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2020 JS
RECALCULATED: 12/31/2025
REPRINTED: 12/31/2025

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2025

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



BARGE "KIRBY 29187"

3 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 17'-00 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,655.10	0	4,415.48	0	4,160.87	0	3,895.26	0	3,627.55	0	3,269.47	0	2,908.97
1/4		1/4		1/4		1/4	4,650.27	1/4	4,410.34	1/4	4,155.41	1/4	3,889.70	1/4	3,621.00	1/4	3,261.96	1/4	2,901.46
1/2		1/2		1/2		1/2	4,645.45	1/2	4,405.21	1/2	4,149.96	1/2	3,884.15	1/2	3,614.46	1/2	3,254.45	1/2	2,893.95
3/4		3/4		3/4		3/4	4,640.63	3/4	4,400.07	3/4	4,144.50	3/4	3,878.59	3/4	3,607.92	3/4	3,246.94	3/4	2,886.44
1		1		1		1	4,635.79	1	4,394.91	1	4,139.03	1	3,873.03	1	3,600.39	1	3,239.43	1	2,878.93
1/4		1/4		1/4		1/4	4,630.95	1/4	4,389.76	1/4	4,133.55	1/4	3,867.48	1/4	3,592.87	1/4	3,231.92	1/4	2,871.42
1/2		1/2		1/2		1/2	4,626.10	1/2	4,384.60	1/2	4,128.08	1/2	3,861.92	1/2	3,585.34	1/2	3,224.41	1/2	2,863.91
3/4		3/4		3/4		3/4	4,621.26	3/4	4,379.44	3/4	4,122.60	3/4	3,856.36	3/4	3,577.81	3/4	3,216.90	3/4	2,856.40
2		2		2		2	4,616.37	2	4,374.27	2	4,117.11	2	3,850.81	2	3,570.29	2	3,209.39	2	2,848.89
1/4		1/4		1/4		1/4	4,611.47	1/4	4,369.09	1/4	4,111.61	1/4	3,845.25	1/4	3,562.76	1/4	3,201.88	1/4	2,841.38
1/2		1/2		1/2		1/2	4,606.58	1/2	4,363.91	1/2	4,106.11	1/2	3,839.69	1/2	3,555.24	1/2	3,194.37	1/2	2,833.87
3/4		3/4		3/4		3/4	4,601.69	3/4	4,358.73	3/4	4,100.62	3/4	3,834.14	3/4	3,547.71	3/4	3,186.86	3/4	2,826.36
3		3		3		3	4,596.74	3	4,353.50	3	4,095.10	3	3,828.58	3	3,540.18	3	3,179.35	3	2,818.85
1/4		1/4		1/4		1/4	4,591.80	1/4	4,348.27	1/4	4,089.58	1/4	3,823.02	1/4	3,532.66	1/4	3,171.84	1/4	2,811.34
1/2		1/2		1/2		1/2	4,586.85	1/2	4,343.04	1/2	4,084.07	1/2	3,817.46	1/2	3,525.13	1/2	3,164.33	1/2	2,803.83
3/4		3/4		3/4		3/4	4,581.91	3/4	4,337.81	3/4	4,078.55	3/4	3,811.91	3/4	3,517.60	3/4	3,156.82	3/4	2,796.32
4		4		4		4	4,576.94	4	4,332.52	4	4,073.01	4	3,806.35	4	3,510.08	4	3,149.31	4	2,788.81
1/4		1/4		1/4		1/4	4,571.97	1/4	4,327.24	1/4	4,067.47	1/4	3,800.79	1/4	3,502.55	1/4	3,141.80	1/4	2,781.30
1/2		1/2		1/2		1/2	4,567.01	1/2	4,321.95	1/2	4,061.93	1/2	3,795.24	1/2	3,495.02	1/2	3,134.29	1/2	2,773.79
3/4		3/4		3/4		3/4	4,562.04	3/4	4,316.67	3/4	4,056.40	3/4	3,789.68	3/4	3,487.50	3/4	3,126.77	3/4	2,766.28
5		5		5		5	4,557.05	5	4,311.36	5	4,050.84	5	3,784.12	5	3,479.97	5	3,119.26	5	2,758.77
1/4		1/4		1/4		1/4	4,552.06	1/4	4,306.05	1/4	4,045.29	1/4	3,778.57	1/4	3,472.45	1/4	3,111.75	1/4	2,751.25
1/2		1/2		1/2		1/2	4,547.08	1/2	4,300.75	1/2	4,039.74	1/2	3,773.01	1/2	3,464.92	1/2	3,104.24	1/2	2,743.74
3/4		3/4		3/4		3/4	4,542.09	3/4	4,295.44	3/4	4,034.18	3/4	3,767.45	3/4	3,457.39	3/4	3,096.73	3/4	2,736.23
6		6		6		6	4,537.08	6	4,290.12	6	4,028.63	6	3,761.90	6	3,449.87	6	3,089.22	6	2,728.72
1/4		1/4		1/4		1/4	4,532.07	1/4	4,284.79	1/4	4,023.07	1/4	3,756.34	1/4	3,442.34	1/4	3,081.71	1/4	2,721.21
1/2		1/2		1/2		1/2	4,527.06	1/2	4,279.46	1/2	4,017.51	1/2	3,750.78	1/2	3,434.81	1/2	3,074.20	1/2	2,713.70
3/4		3/4		3/4		3/4	4,522.05	3/4	4,274.13	3/4	4,011.96	3/4	3,745.22	3/4	3,427.29	3/4	3,066.69	3/4	2,706.19
7		7		7		7	4,517.02	7	4,268.78	7	4,006.40	7	3,739.67	7	3,419.76	7	3,059.18	7	2,698.68
1/4		1/4		1/4		1/4	4,511.91	1/4	4,263.44	1/4	4,000.84	1/4	3,734.11	1/4	3,412.23	1/4	3,051.67	1/4	2,691.17
1/2		1/2		1/2		1/2	4,506.96	1/2	4,258.09	1/2	3,995.29	1/2	3,728.55	1/2	3,404.71	1/2	3,044.16	1/2	2,683.66
3/4		3/4		3/4		3/4	4,501.93	3/4	4,252.74	3/4	3,989.73	3/4	3,723.00	3/4	3,397.18	3/4	3,036.65	3/4	2,676.15
8		8		8		8	4,496.88	8	4,247.37	8	3,984.17	8	3,717.44	8	3,389.66	8	3,029.14	8	2,668.64
1/4		1/4		1/4		1/4	4,491.83	1/4	4,242.00	1/4	3,978.61	1/4	3,711.88	1/4	3,382.14	1/4	3,021.63	1/4	2,661.13
1/2		1/2		1/2		1/2	4,486.78	1/2	4,236.63	1/2	3,973.06	1/2	3,706.33	1/2	3,374.63	1/2	3,014.12	1/2	2,653.62
3/4		3/4		3/4		3/4	4,481.73	3/4	4,231.26	3/4	3,967.50	3/4	3,700.77	3/4	3,367.11	3/4	3,006.61	3/4	2,646.11
9		9		9		9	4,476.66	9	4,225.87	9	3,961.94	9	3,695.21	9	3,359.60	9	2,999.10	9	2,638.60
1/4		1/4		1/4		1/4	4,471.59	1/4	4,220.48	1/4	3,956.39	1/4	3,689.66	1/4	3,352.09	1/4	2,991.59	1/4	2,631.09
1/2		1/2		1/2		1/2	4,466.51	1/2	4,215.09	1/2	3,950.83	1/2	3,684.10	1/2	3,344.58	1/2	2,984.08	1/2	2,623.58
3/4		3/4		3/4		3/4	4,461.44	3/4	4,209.70	3/4	3,945.27	3/4	3,678.54	3/4	3,337.07	3/4	2,976.57	3/4	2,616.07
10		10		10		10	4,456.35	10	4,204.29	10	3,939.72	10	3,672.99	10	3,329.56	10	2,969.06	10	2,608.56
1/4		1/4		1/4		1/4	4,451.26	1/4	4,198.87	1/4	3,934.16	1/4	3,667.43	1/4	3,322.05	1/4	2,961.55	1/4	2,601.05
1/2		1/2		1/2		1/2	4,446.16	1/2	4,193.46	1/2	3,928.60	1/2	3,661.87	1/2	3,314.53	1/2	2,954.04	1/2	2,593.54
3/4		3/4		3/4		3/4	4,441.07	3/4	4,188.05	3/4	3,923.05	3/4	3,656.31	3/4	3,307.02	3/4	2,946.53	3/4	2,586.03
11		11		11		11	4,435.95	11	4,182.62	11	3,917.49	11	3,650.76	11	3,299.51	11	2,939.01	11	2,578.52
1/4		1/4		1/4		1/4	4,430.84	1/4	4,177.19	1/4	3,911.93	1/4	3,645.20	1/4	3,292.00	1/4	2,931.50	1/4	2,571.01
1/2		1/2		1/2		1/2	4,425.73	1/2	4,171.75	1/2	3,906.37	1/2	3,639.64	1/2	3,284.49	1/2	2,923.99	1/2	2,563.49
3/4		3/4		3/4		3/4	4,420.61	3/4	4,166.32	3/4	3,900.82	3/4	3,634.09	3/4	3,276.98	3/4	2,916.48	3/4	2,555.98

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 11'-09" OFF CENTERLINE AND 45'-03 1/2" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29187"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

GAUGE HEIGHT 17'-00 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	2,548.47	0	2,187.93	0	1,827.08	0	1,466.23	0	1,105.35	0	745.03	0	384.25	0	28.01	0		0	
1/4	2,540.96	1/4	2,180.41	1/4	1,819.56	1/4	1,458.71	1/4	1,097.85	1/4	737.53	1/4	376.72	1/4	22.99	1/4		1/4	
1/2	2,533.45	1/2	2,172.89	1/2	1,812.04	1/2	1,451.19	1/2	1,090.35	1/2	730.02	1/2	369.20	1/2	17.97	1/2		1/2	
3/4	2,525.94	3/4	2,165.38	3/4	1,804.53	3/4	1,443.68	3/4	1,082.85	3/4	722.52	3/4	361.67	3/4	12.95	3/4		3/4	
1	2,518.43	1	2,157.86	1	1,797.01	1	1,436.16	1	1,075.35	1	715.02	1	354.14	1		1		1	
1/4	2,510.92	1/4	2,150.34	1/4	1,789.49	1/4	1,428.64	1/4	1,067.85	1/4	707.51	1/4	346.62	1/4		1/4		1/4	
1/2	2,503.41	1/2	2,142.82	1/2	1,781.97	1/2	1,421.12	1/2	1,060.36	1/2	700.01	1/2	339.09	1/2		1/2		1/2	
3/4	2,495.90	3/4	2,135.31	3/4	1,774.46	3/4	1,413.61	3/4	1,052.86	3/4	692.51	3/4	331.56	3/4		3/4		3/4	
2	2,488.39	2	2,127.79	2	1,766.94	2	1,406.09	2	1,045.36	2	685.00	2	324.04	2		2		2	
1/4	2,480.88	1/4	2,120.27	1/4	1,759.42	1/4	1,398.57	1/4	1,037.86	1/4	677.50	1/4	316.51	1/4		1/4		1/4	
1/2	2,473.37	1/2	2,112.75	1/2	1,751.90	1/2	1,391.05	1/2	1,030.36	1/2	669.99	1/2	308.99	1/2		1/2		1/2	
3/4	2,465.86	3/4	2,105.23	3/4	1,744.39	3/4	1,383.54	3/4	1,022.87	3/4	662.49	3/4	301.46	3/4		3/4		3/4	
3	2,458.35	3	2,097.72	3	1,736.87	3	1,376.02	3	1,015.37	3	654.99	3	293.93	3		3		3	
1/4	2,450.84	1/4	2,090.20	1/4	1,729.35	1/4	1,368.50	1/4	1,007.87	1/4	647.48	1/4	286.41	1/4		1/4		1/4	
1/2	2,443.33	1/2	2,082.68	1/2	1,721.83	1/2	1,360.98	1/2	1,000.37	1/2	639.98	1/2	278.88	1/2		1/2		1/2	
3/4	2,435.82	3/4	2,075.16	3/4	1,714.31	3/4	1,353.46	3/4	992.87	3/4	632.48	3/4	271.35	3/4		3/4		3/4	
4	2,428.31	4	2,067.65	4	1,706.80	4	1,345.94	4	985.37	4	624.97	4	263.83	4		4		4	
1/4	2,420.80	1/4	2,060.13	1/4	1,699.28	1/4	1,338.42	1/4	977.88	1/4	617.47	1/4	256.30	1/4		1/4		1/4	
1/2	2,413.29	1/2	2,052.61	1/2	1,691.76	1/2	1,330.90	1/2	970.38	1/2	609.96	1/2	248.78	1/2		1/2		1/2	
3/4	2,405.78	3/4	2,045.09	3/4	1,684.24	3/4	1,323.38	3/4	962.88	3/4	602.46	3/4	241.25	3/4		3/4		3/4	
5	2,398.27	5	2,037.58	5	1,676.73	5	1,315.85	5	955.38	5	594.95	5	233.72	5		5		5	
1/4	2,390.76	1/4	2,030.06	1/4	1,669.21	1/4	1,308.33	1/4	947.88	1/4	587.43	1/4	226.20	1/4		1/4		1/4	
1/2	2,383.25	1/2	2,022.54	1/2	1,661.69	1/2	1,300.80	1/2	940.38	1/2	579.92	1/2	218.67	1/2		1/2		1/2	
3/4	2,375.73	3/4	2,015.02	3/4	1,654.17	3/4	1,293.28	3/4	932.89	3/4	572.40	3/4	211.15	3/4		3/4		3/4	
6	2,368.22	6	2,007.50	6	1,646.66	6	1,285.76	6	925.37	6	564.88	6	203.62	6		6		6	
1/4	2,360.71	1/4	1,999.99	1/4	1,639.14	1/4	1,278.23	1/4	917.86	1/4	557.35	1/4	196.09	1/4		1/4		1/4	
1/2	2,353.20	1/2	1,992.47	1/2	1,631.62	1/2	1,270.71	1/2	910.35	1/2	549.82	1/2	188.57	1/2		1/2		1/2	
3/4	2,345.69	3/4	1,984.95	3/4	1,624.10	3/4	1,263.18	3/4	902.84	3/4	542.30	3/4	181.04	3/4		3/4		3/4	
7	2,338.18	7	1,977.43	7	1,616.58	7	1,255.66	7	895.31	7	534.77	7	173.51	7		7		7	
1/4	2,330.67	1/4	1,969.92	1/4	1,609.07	1/4	1,248.13	1/4	887.78	1/4	527.25	1/4	165.99	1/4		1/4		1/4	
1/2	2,323.16	1/2	1,962.40	1/2	1,601.55	1/2	1,240.61	1/2	880.26	1/2	519.72	1/2	158.46	1/2		1/2		1/2	
3/4	2,315.65	3/4	1,954.88	3/4	1,594.03	3/4	1,233.08	3/4	872.73	3/4	512.19	3/4	150.94	3/4		3/4		3/4	
8	2,308.14	8	1,947.36	8	1,586.51	8	1,225.56	8	865.21	8	504.67	8	143.41	8		8		8	
1/4	2,300.63	1/4	1,939.85	1/4	1,579.00	1/4	1,218.03	1/4	857.68	1/4	497.14	1/4	135.88	1/4		1/4		1/4	
1/2	2,293.12	1/2	1,932.33	1/2	1,571.48	1/2	1,210.51	1/2	850.15	1/2	489.61	1/2	128.36	1/2		1/2		1/2	
3/4	2,285.61	3/4	1,924.81	3/4	1,563.96	3/4	1,202.98	3/4	842.63	3/4	482.09	3/4	120.83	3/4		3/4		3/4	
9	2,278.10	9	1,917.29	9	1,556.44	9	1,195.46	9	835.11	9	474.56	9	113.30	9		9		9	
1/4	2,270.59	1/4	1,909.77	1/4	1,548.92	1/4	1,187.93	1/4	827.60	1/4	467.04	1/4	105.78	1/4		1/4		1/4	
1/2	2,263.08	1/2	1,902.26	1/2	1,541.41	1/2	1,180.41	1/2	820.08	1/2	459.51	1/2	98.25	1/2		1/2		1/2	
3/4	2,255.57	3/4	1,894.74	3/4	1,533.89	3/4	1,172.88	3/4	812.56	3/4	451.98	3/4	90.73	3/4		3/4		3/4	
10	2,248.06	10	1,887.22	10	1,526.37	10	1,165.37	10	805.06	10	444.46	10	83.20	10		10		10	
1/4	2,240.54	1/4	1,879.70	1/4	1,518.85	1/4	1,157.86	1/4	797.56	1/4	436.93	1/4	75.67	1/4		1/4		1/4	
1/2	2,233.03	1/2	1,872.19	1/2	1,511.34	1/2	1,150.35	1/2	790.05	1/2	429.40	1/2	68.15	1/2		1/2		1/2	
3/4	2,225.52	3/4	1,864.67	3/4	1,503.82	3/4	1,142.84	3/4	782.55	3/4	421.88	3/4	60.62	3/4		3/4		3/4	
11	2,218.00	11	1,857.15	11	1,496.30	11	1,135.34	11	775.05	11	414.35	11	53.72	11		11		11	
1/4	2,210.48	1/4	1,849.63	1/4	1,488.78	1/4	1,127.84	1/4	767.54	1/4	406.83	1/4	46.82	1/4		1/4		1/4	
1/2	2,202.96	1/2	1,842.12	1/2	1,481.27	1/2	1,120.34	1/2	760.04	1/2	399.30	1/2	39.92	1/2		1/2		1/2	
3/4	2,195.45	3/4	1,834.60	3/4	1,473.75	3/4	1,112.84	3/4	752.54	3/4	391.77	3/4	33.03	3/4		3/4		3/4	

STRAPPED: 08/17/2020 JS
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REPRINTED: 12/31/2025

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2025

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29187"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-00 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,647.24	0	4,406.78	0	4,151.32	0	3,884.87	0	3,616.31	0	3,257.60	0	2,896.48
1/4		1/4		1/4		1/4	4,642.40	1/4	4,401.63	1/4	4,145.85	1/4	3,879.30	1/4	3,609.75	1/4	3,250.08	1/4	2,888.96
1/2		1/2		1/2		1/2	4,637.57	1/2	4,396.47	1/2	4,140.38	1/2	3,873.72	1/2	3,603.19	1/2	3,242.56	1/2	2,881.44
3/4		3/4		3/4		3/4	4,632.73	3/4	4,391.32	3/4	4,134.91	3/4	3,868.15	3/4	3,596.63	3/4	3,235.03	3/4	2,873.91
1		1		1		1	4,627.87	1	4,386.15	1	4,129.41	1	3,862.57	1	3,589.09	1	3,227.51	1	2,866.39
1/4		1/4		1/4		1/4	4,623.01	1/4	4,380.97	1/4	4,123.92	1/4	3,857.00	1/4	3,581.54	1/4	3,219.99	1/4	2,858.87
1/2		1/2		1/2		1/2	4,618.15	1/2	4,375.80	1/2	4,118.43	1/2	3,851.42	1/2	3,574.00	1/2	3,212.46	1/2	2,851.34
3/4		3/4		3/4		3/4	4,613.29	3/4	4,370.62	3/4	4,112.94	3/4	3,845.85	3/4	3,566.46	3/4	3,204.94	3/4	2,843.82
2		2		2		2	4,608.38	2	4,365.43	2	4,107.42	2	3,840.27	2	3,558.91	2	3,197.42	2	2,836.30
1/4		1/4		1/4		1/4	4,603.46	1/4	4,360.23	1/4	4,101.91	1/4	3,834.70	1/4	3,551.37	1/4	3,189.89	1/4	2,828.78
1/2		1/2		1/2		1/2	4,598.55	1/2	4,355.04	1/2	4,096.40	1/2	3,829.13	1/2	3,543.82	1/2	3,182.37	1/2	2,821.25
3/4		3/4		3/4		3/4	4,593.64	3/4	4,349.84	3/4	4,090.88	3/4	3,823.55	3/4	3,536.28	3/4	3,174.85	3/4	2,813.73
3		3		3		3	4,588.68	3	4,344.59	3	4,085.35	3	3,817.98	3	3,528.74	3	3,167.32	3	2,806.21
1/4		1/4		1/4		1/4	4,583.72	1/4	4,339.34	1/4	4,079.81	1/4	3,812.40	1/4	3,521.19	1/4	3,159.80	1/4	2,798.68
1/2		1/2		1/2		1/2	4,578.75	1/2	4,334.10	1/2	4,074.28	1/2	3,806.83	1/2	3,513.65	1/2	3,152.28	1/2	2,791.16
3/4		3/4		3/4		3/4	4,573.79	3/4	4,328.85	3/4	4,068.74	3/4	3,801.25	3/4	3,506.10	3/4	3,144.75	3/4	2,783.64
4		4		4		4	4,568.81	4	4,323.54	4	4,063.19	4	3,795.68	4	3,498.56	4	3,137.23	4	2,776.11
1/4		1/4		1/4		1/4	4,563.82	1/4	4,318.24	1/4	4,057.63	1/4	3,790.10	1/4	3,491.02	1/4	3,129.71	1/4	2,768.59
1/2		1/2		1/2		1/2	4,558.84	1/2	4,312.94	1/2	4,052.07	1/2	3,784.53	1/2	3,483.47	1/2	3,122.18	1/2	2,761.07
3/4		3/4		3/4		3/4	4,553.85	3/4	4,307.64	3/4	4,046.52	3/4	3,778.96	3/4	3,475.93	3/4	3,114.66	3/4	2,753.54
5		5		5		5	4,548.85	5	4,302.31	5	4,040.95	5	3,773.38	5	3,468.39	5	3,107.14	5	2,746.02
1/4		1/4		1/4		1/4	4,543.84	1/4	4,296.99	1/4	4,035.38	1/4	3,767.81	1/4	3,460.85	1/4	3,099.61	1/4	2,738.50
1/2		1/2		1/2		1/2	4,538.84	1/2	4,291.66	1/2	4,029.80	1/2	3,762.23	1/2	3,453.31	1/2	3,092.09	1/2	2,730.97
3/4		3/4		3/4		3/4	4,533.83	3/4	4,286.34	3/4	4,024.23	3/4	3,756.66	3/4	3,445.78	3/4	3,084.57	3/4	2,723.45
6		6		6		6	4,528.81	6	4,280.99	6	4,018.66	6	3,751.08	6	3,438.24	6	3,077.04	6	2,715.93
1/4		1/4		1/4		1/4	4,523.78	1/4	4,275.65	1/4	4,013.08	1/4	3,745.51	1/4	3,430.71	1/4	3,069.52	1/4	2,708.40
1/2		1/2		1/2		1/2	4,518.75	1/2	4,270.30	1/2	4,007.51	1/2	3,739.93	1/2	3,423.18	1/2	3,062.00	1/2	2,700.88
3/4		3/4		3/4		3/4	4,752.27	3/4	4,513.73	3/4	4,264.96	3/4	3,734.36	3/4	3,415.65	3/4	3,054.47	3/4	2,693.36
7		7		7		7	4,748.33	7	4,508.68	7	4,259.59	7	3,728.78	7	3,408.11	7	3,046.95	7	2,685.83
1/4		1/4		1/4		1/4	4,744.39	1/4	4,503.63	1/4	4,254.23	1/4	3,723.21	1/4	3,400.58	1/4	3,039.43	1/4	2,678.31
1/2		1/2		1/2		1/2	4,740.45	1/2	4,498.58	1/2	4,248.86	1/2	3,985.21	1/2	3,717.64	1/2	3,393.05	1/2	3,031.90
3/4		3/4		3/4		3/4	4,736.51	3/4	4,493.54	3/4	4,243.50	3/4	3,979.64	3/4	3,712.06	3/4	3,385.52	3/4	3,024.38
8		8		8		8	4,731.44	8	4,488.47	8	4,238.11	8	3,974.06	8	3,706.49	8	3,377.99	8	3,016.86
1/4		1/4		1/4		1/4	4,726.37	1/4	4,483.40	1/4	4,232.72	1/4	3,968.49	1/4	3,700.91	1/4	3,370.46	1/4	3,009.33
1/2		1/2		1/2		1/2	4,721.29	1/2	4,478.33	1/2	4,227.33	1/2	3,962.91	1/2	3,695.34	1/2	3,362.93	1/2	3,001.81
3/4		3/4		3/4		3/4	4,716.22	3/4	4,473.26	3/4	4,221.95	3/4	3,957.34	3/4	3,689.76	3/4	3,355.41	3/4	2,994.29
9		9		9		9	4,710.77	9	4,468.17	9	4,216.54	9	3,951.76	9	3,684.19	9	3,347.88	9	2,986.76
1/4		1/4		1/4		1/4	4,705.33	1/4	4,463.08	1/4	4,211.13	1/4	3,946.19	1/4	3,678.61	1/4	3,340.36	1/4	2,979.24
1/2		1/2		1/2		1/2	4,699.88	1/2	4,457.99	1/2	4,205.72	1/2	3,940.62	1/2	3,673.04	1/2	3,332.84	1/2	2,971.72
3/4		3/4		3/4		3/4	4,694.43	3/4	4,452.90	3/4	4,200.31	3/4	3,935.04	3/4	3,667.47	3/4	3,325.31	3/4	2,964.19
10		10		10		10	4,688.98	10	4,447.79	10	4,194.88	10	3,929.47	10	3,661.89	10	3,317.79	10	2,956.67
1/4		1/4		1/4		1/4	4,683.53	1/4	4,442.68	1/4	4,189.45	1/4	3,923.89	1/4	3,656.32	1/4	3,310.27	1/4	2,949.15
1/2		1/2		1/2		1/2	4,678.08	1/2	4,437.57	1/2	4,184.03	1/2	3,918.32	1/2	3,650.74	1/2	3,302.74	1/2	2,941.62
3/4		3/4		3/4		3/4	4,672.64	3/4	4,432.46	3/4	4,178.60	3/4	3,912.74	3/4	3,645.17	3/4	3,295.22	3/4	2,934.10
11		11		11		11	4,667.50	11	4,427.33	11	4,173.15	11	3,907.17	11	3,639.59	11	3,287.70	11	2,926.58
1/4		1/4		1/4		1/4	4,662.36	1/4	4,422.20	1/4	4,167.69	1/4	3,901.59	1/4	3,634.02	1/4	3,280.17	1/4	2,919.05
1/2		1/2		1/2		1/2	4,657.22	1/2	4,417.06	1/2	4,162.24	1/2	3,896.02	1/2	3,628.44	1/2	3,272.65	1/2	2,911.53
3/4		3/4		3/4		3/4	4,652.08	3/4	4,411.93	3/4	4,156.79	3/4	3,890.45	3/4	3,622.87	3/4	3,265.13	3/4	2,904.01

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 11'-09" OFF CENTERLINE AND 45'-03 1/2" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29187"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-00 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 101"

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	2,535.41	0	2,174.41	0	1,816.45	0	1,454.98	0	1,093.50	0	739.89	0	384.87	0	28.08	0		0	
1/4	2,527.89	1/4	2,166.96	1/4	1,808.92	1/4	1,447.45	1/4	1,085.97	1/4	732.67	1/4	377.33	1/4	23.05	1/4		1/4	
1/2	2,520.37	1/2	2,159.50	1/2	1,801.38	1/2	1,439.92	1/2	1,078.44	1/2	725.45	1/2	369.80	1/2	18.02	1/2		1/2	
3/4	2,512.85	3/4	2,152.05	3/4	1,793.85	3/4	1,432.39	3/4	1,070.91	3/4	718.23	3/4	362.27	3/4	12.99	3/4		3/4	
1	2,505.33	1	2,144.60	1	1,786.32	1	1,424.85	1	1,063.38	1	711.01	1	354.73	1		1		1	
1/4	2,497.80	1/4	2,137.15	1/4	1,778.79	1/4	1,417.32	1/4	1,055.85	1/4	703.79	1/4	347.20	1/4		1/4		1/4	
1/2	2,490.28	1/2	2,129.69	1/2	1,771.26	1/2	1,409.79	1/2	1,048.32	1/2	696.57	1/2	339.66	1/2		1/2		1/2	
3/4	2,482.76	3/4	2,122.24	3/4	1,763.73	3/4	1,402.26	3/4	1,040.79	3/4	689.36	3/4	332.13	3/4		3/4		3/4	
2	2,475.24	2	2,114.79	2	1,756.20	2	1,394.73	2	1,033.26	2	682.14	2	324.60	2		2		2	
1/4	2,467.72	1/4	2,107.34	1/4	1,748.67	1/4	1,387.20	1/4	1,025.72	1/4	674.92	1/4	317.06	1/4		1/4		1/4	
1/2	2,460.20	1/2	2,099.88	1/2	1,741.14	1/2	1,379.67	1/2	1,018.19	1/2	667.70	1/2	309.53	1/2		1/2		1/2	
3/4	2,452.68	3/4	2,092.43	3/4	1,733.61	3/4	1,372.14	3/4	1,010.66	3/4	660.48	3/4	302.00	3/4		3/4		3/4	
3	2,445.15	3	2,084.98	3	1,726.08	3	1,364.61	3	1,003.13	3	653.26	3	294.46	3		3		3	
1/4	2,437.63	1/4	2,077.52	1/4	1,718.55	1/4	1,357.08	1/4	995.60	1/4	646.04	1/4	286.93	1/4		1/4		1/4	
1/2	2,430.11	1/2	2,070.07	1/2	1,711.02	1/2	1,349.55	1/2	988.07	1/2	638.82	1/2	279.39	1/2		1/2		1/2	
3/4	2,422.59	3/4	2,062.62	3/4	1,703.49	3/4	1,342.02	3/4	980.54	3/4	631.60	3/4	271.86	3/4		3/4		3/4	
4	2,415.06	4	2,055.17	4	1,695.96	4	1,334.49	4	973.01	4	624.38	4	264.33	4		4		4	
1/4	2,407.54	1/4	2,047.71	1/4	1,688.43	1/4	1,326.96	1/4	965.48	1/4	617.16	1/4	256.79	1/4		1/4		1/4	
1/2	2,400.01	1/2	2,040.26	1/2	1,680.90	1/2	1,319.43	1/2	957.95	1/2	609.94	1/2	249.26	1/2		1/2		1/2	
3/4	2,392.49	3/4	2,032.81	3/4	1,673.36	3/4	1,311.90	3/4	950.42	3/4	602.72	3/4	241.73	3/4		3/4		3/4	
5	2,384.96	5	2,025.36	5	1,665.83	5	1,304.36	5	943.02	5	595.34	5	234.19	5		5		5	
1/4	2,377.44	1/4	2,017.90	1/4	1,658.30	1/4	1,296.83	1/4	935.63	1/4	587.97	1/4	226.66	1/4		1/4		1/4	
1/2	2,369.91	1/2	2,010.45	1/2	1,650.77	1/2	1,289.30	1/2	928.24	1/2	580.59	1/2	219.13	1/2		1/2		1/2	
3/4	2,362.38	3/4	2,003.00	3/4	1,643.24	3/4	1,281.77	3/4	920.85	3/4	573.22	3/4	211.59	3/4		3/4		3/4	
6	2,354.86	6	1,995.54	6	1,635.71	6	1,274.24	6	913.60	6	565.68	6	204.06	6		6		6	
1/4	2,347.33	1/4	1,988.09	1/4	1,628.18	1/4	1,266.71	1/4	906.34	1/4	558.15	1/4	196.53	1/4		1/4		1/4	
1/2	2,339.80	1/2	1,980.64	1/2	1,620.65	1/2	1,259.18	1/2	899.09	1/2	550.61	1/2	188.99	1/2		1/2		1/2	
3/4	2,332.28	3/4	1,973.19	3/4	1,613.12	3/4	1,251.65	3/4	891.84	3/4	543.08	3/4	181.46	3/4		3/4		3/4	
7	2,324.75	7	1,965.73	7	1,605.59	7	1,244.12	7	884.58	7	535.55	7	173.92	7		7		7	
1/4	2,317.22	1/4	1,958.28	1/4	1,598.06	1/4	1,236.59	1/4	877.33	1/4	528.01	1/4	166.38	1/4		1/4		1/4	
1/2	2,309.70	1/2	1,950.83	1/2	1,590.53	1/2	1,229.06	1/2	870.08	1/2	520.48	1/2	158.85	1/2		1/2		1/2	
3/4	2,302.17	3/4	1,943.38	3/4	1,583.00	3/4	1,221.53	3/4	862.82	3/4	512.94	3/4	151.31	3/4		3/4		3/4	
8	2,294.64	8	1,935.92	8	1,575.47	8	1,213.99	8	855.57	8	505.41	8	143.77	8		8		8	
1/4	2,287.12	1/4	1,928.47	1/4	1,567.94	1/4	1,206.46	1/4	848.32	1/4	497.88	1/4	136.22	1/4		1/4		1/4	
1/2	2,279.59	1/2	1,921.02	1/2	1,560.41	1/2	1,198.93	1/2	841.07	1/2	490.34	1/2	128.68	1/2		1/2		1/2	
3/4	2,272.06	3/4	1,913.56	3/4	1,552.87	3/4	1,191.40	3/4	833.81	3/4	482.81	3/4	121.14	3/4		3/4		3/4	
9	2,264.54	9	1,906.11	9	1,545.34	9	1,183.87	9	826.58	9	475.27	9	113.59	9		9		9	
1/4	2,257.01	1/4	1,898.66	1/4	1,537.81	1/4	1,176.34	1/4	819.34	1/4	467.74	1/4	106.05	1/4		1/4		1/4	
1/2	2,249.48	1/2	1,891.21	1/2	1,530.28	1/2	1,168.81	1/2	812.10	1/2	460.21	1/2	98.50	1/2		1/2		1/2	
3/4	2,241.96	3/4	1,883.75	3/4	1,522.75	3/4	1,161.28	3/4	804.87	3/4	452.67	3/4	90.96	3/4		3/4		3/4	
10	2,234.43	10	1,876.30	10	1,515.22	10	1,153.75	10	797.65	10	445.14	10	83.41	10		10		10	
1/4	2,226.90	1/4	1,868.85	1/4	1,507.69	1/4	1,146.22	1/4	790.43	1/4	437.61	1/4	75.87	1/4		1/4		1/4	
1/2	2,219.37	1/2	1,861.40	1/2	1,500.16	1/2	1,138.69	1/2	783.21	1/2	430.07	1/2	68.32	1/2		1/2		1/2	
3/4	2,211.84	3/4	1,853.94	3/4	1,492.63	3/4	1,131.16	3/4	775.99	3/4	422.54	3/4	60.77	3/4		3/4		3/4	
11	2,204.34	11	1,846.45	11	1,485.10	11	1,123.63	11	768.77	11	415.00	11	53.86	11		11		11	
1/4	2,196.85	1/4	1,838.96	1/4	1,477.57	1/4	1,116.09	1/4	761.55	1/4	407.47	1/4	46.94	1/4		1/4		1/4	
1/2	2,189.36	1/2	1,831.47	1/2	1,470.04	1/2	1,108.56	1/2	754.33	1/2	399.94	1/2	40.02	1/2		1/2		1/2	
3/4	2,181.86	3/4	1,823.98	3/4	1,462.51	3/4	1,101.03	3/4	747.11	3/4	392.40	3/4	33.11	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2020 JS
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CANCELS AND SUPERCEDES
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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 29187"

FUEL TANK

INNAGE TABLE GAUGE HEIGHT: 5'-02 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "TMTB 101"

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	196	0	391	0	587	0	782	0		0		0		0		0	
1/4	4	1/4	200	1/4	395	1/4	591	1/4	786	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	204	1/2	399	1/2	595	1/2	790	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	208	3/4	403	3/4	599	3/4	794	3/4		3/4		3/4		3/4		3/4	
1	16	1	212	1	407	1	603	1	799	1		1		1		1		1	
1/4	20	1/4	216	1/4	411	1/4	607	1/4	803	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	220	1/2	416	1/2	611	1/2	807	1/2		1/2		1/2		1/2		1/2	
3/4	29	3/4	224	3/4	420	3/4	615	3/4	811	3/4		3/4		3/4		3/4		3/4	
2	33	2	228	2	424	2	619	2	815	2		2		2		2		2	
1/4	37	1/4	232	1/4	428	1/4	623	1/4	819	1/4		1/4		1/4		1/4		1/4	
1/2	41	1/2	236	1/2	432	1/2	627	1/2	823	1/2		1/2		1/2		1/2		1/2	
3/4	45	3/4	240	3/4	436	3/4	631	3/4	827	3/4		3/4		3/4		3/4		3/4	
3	49	3	244	3	440	3	636	3	831	3		3		3		3		3	
1/4	53	1/4	249	1/4	444	1/4	640	1/4	835	1/4		1/4		1/4		1/4		1/4	
1/2	57	1/2	253	1/2	448	1/2	644	1/2	839	1/2		1/2		1/2		1/2		1/2	
3/4	61	3/4	257	3/4	452	3/4	648	3/4	843	3/4		3/4		3/4		3/4		3/4	
4	65	4	261	4	456	4	652	4	847	4		4		4		4		4	
1/4	69	1/4	265	1/4	460	1/4	656	1/4	851	1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	269	1/2	464	1/2	660	1/2	855	1/2		1/2		1/2		1/2		1/2	
3/4	77	3/4	273	3/4	469	3/4	664	3/4	859	3/4		3/4		3/4		3/4		3/4	
5	81	5	277	5	473	5	668	5	863	5		5		5		5		5	
1/4	86	1/4	281	1/4	477	1/4	672	1/4	867	1/4		1/4		1/4		1/4		1/4	
1/2	90	1/2	285	1/2	481	1/2	676	1/2	871	1/2		1/2		1/2		1/2		1/2	
3/4	94	3/4	289	3/4	485	3/4	680	3/4	875	3/4		3/4		3/4		3/4		3/4	
6	98	6	293	6	489	6	684	6	880	6		6		6		6		6	
1/4	102	1/4	297	1/4	493	1/4	689	1/4	884	1/4		1/4		1/4		1/4		1/4	
1/2	106	1/2	301	1/2	497	1/2	693	1/2	888	1/2		1/2		1/2		1/2		1/2	
3/4	110	3/4	306	3/4	501	3/4	697	3/4	892	3/4		3/4		3/4		3/4		3/4	
7	114	7	310	7	505	7	701	7	896	7		7		7		7		7	
1/4	118	1/4	314	1/4	509	1/4	705	1/4	900	1/4		1/4		1/4		1/4		1/4	
1/2	122	1/2	318	1/2	513	1/2	709	1/2	904	1/2		1/2		1/2		1/2		1/2	
3/4	126	3/4	322	3/4	517	3/4	713	3/4	908	3/4		3/4		3/4		3/4		3/4	
8	130	8	326	8	521	8	717	8	912	8		8		8		8		8	
1/4	134	1/4	330	1/4	526	1/4	721	1/4	916	1/4		1/4		1/4		1/4		1/4	
1/2	139	1/2	334	1/2	530	1/2	725	1/2	920	1/2		1/2		1/2		1/2		1/2	
3/4	143	3/4	338	3/4	534	3/4	729	3/4	924	3/4		3/4		3/4		3/4		3/4	
9	147	9	342	9	538	9	733	9		9		9		9		9		9	
1/4	151	1/4	346	1/4	542	1/4	737	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155	1/2	350	1/2	546	1/2	741	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159	3/4	354	3/4	550	3/4	746	3/4		3/4		3/4		3/4		3/4		3/4	
10	163	10	359	10	554	10	750	10		10		10		10		10		10	
1/4	167	1/4	363	1/4	558	1/4	754	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	171	1/2	367	1/2	562	1/2	758	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	175	3/4	371	3/4	566	3/4	762	3/4		3/4		3/4		3/4		3/4		3/4	
11	179	11	375	11	570	11	766	11		11		11		11		11		11	
1/4	183	1/4	379	1/4	574	1/4	770	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	187	1/2	383	1/2	579	1/2	774	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	191	3/4	387	3/4	583	3/4	778	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" PIPE.

STRAPPED: 08/17/2020 JS
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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2025

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

Tom J. Mac



BARGE "KIRBY 29187"

PORT SLOP

INNAGE TABLE GAUGE HEIGHT: 5'-08 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "TMTB 101"

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	1,044	0	2,087	0	3,116	0	4,093	0		0		0		0		0	
1/4	22	1/4	1,065	1/4	2,109	1/4	3,137	1/4	4,113	1/4		1/4		1/4		1/4		1/4	
1/2	43	1/2	1,087	1/2	2,131	1/2	3,158	1/2	4,133	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,109	3/4	2,153	3/4	3,178	3/4	4,152	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,131	1	2,174	1	3,199	1	4,172	1		1		1		1		1	
1/4	109	1/4	1,152	1/4	2,196	1/4	3,220	1/4	4,192	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	1,174	1/2	2,218	1/2	3,241	1/2	4,212	1/2		1/2		1/2		1/2		1/2	
3/4	152	3/4	1,196	3/4	2,240	3/4	3,262	3/4	4,231	3/4		3/4		3/4		3/4		3/4	
2	174	2	1,218	2	2,261	2	3,282	2	4,251	2		2		2		2		2	
1/4	196	1/4	1,239	1/4	2,283	1/4	3,303	1/4	4,270	1/4		1/4		1/4		1/4		1/4	
1/2	217	1/2	1,261	1/2	2,305	1/2	3,324	1/2	4,290	1/2		1/2		1/2		1/2		1/2	
3/4	239	3/4	1,283	3/4	2,327	3/4	3,344	3/4	4,309	3/4		3/4		3/4		3/4		3/4	
3	261	3	1,305	3	2,348	3	3,365	3	4,329	3		3		3		3		3	
1/4	283	1/4	1,326	1/4	2,370	1/4	3,386	1/4	4,348	1/4		1/4		1/4		1/4		1/4	
1/2	304	1/2	1,348	1/2	2,392	1/2	3,406	1/2	4,367	1/2		1/2		1/2		1/2		1/2	
3/4	326	3/4	1,370	3/4	2,413	3/4	3,427	3/4	4,386	3/4		3/4		3/4		3/4		3/4	
4	348	4	1,392	4	2,435	4	3,448	4	4,405	4		4		4		4		4	
1/4	370	1/4	1,413	1/4	2,457	1/4	3,468	1/4	4,424	1/4		1/4		1/4		1/4		1/4	
1/2	391	1/2	1,435	1/2	2,478	1/2	3,489	1/2	4,443	1/2		1/2		1/2		1/2		1/2	
3/4	413	3/4	1,457	3/4	2,500	3/4	3,509	3/4	4,462	3/4		3/4		3/4		3/4		3/4	
5	435	5	1,479	5	2,521	5	3,530	5	4,481	5		5		5		5		5	
1/4	457	1/4	1,500	1/4	2,543	1/4	3,550	1/4	4,500	1/4		1/4		1/4		1/4		1/4	
1/2	478	1/2	1,522	1/2	2,564	1/2	3,570	1/2	4,519	1/2		1/2		1/2		1/2		1/2	
3/4	500	3/4	1,544	3/4	2,586	3/4	3,591	3/4	4,538	3/4		3/4		3/4		3/4		3/4	
6	522	6	1,566	6	2,607	6	3,611	6	4,557	6		6		6		6		6	
1/4	544	1/4	1,587	1/4	2,629	1/4	3,631	1/4	4,576	1/4		1/4		1/4		1/4		1/4	
1/2	565	1/2	1,609	1/2	2,650	1/2	3,652	1/2	4,595	1/2		1/2		1/2		1/2		1/2	
3/4	587	3/4	1,631	3/4	2,672	3/4	3,672	3/4	4,614	3/4		3/4		3/4		3/4		3/4	
7	609	7	1,652	7	2,693	7	3,692	7	4,632	7		7		7		7		7	
1/4	631	1/4	1,674	1/4	2,714	1/4	3,713	1/4	4,651	1/4		1/4		1/4		1/4		1/4	
1/2	652	1/2	1,696	1/2	2,736	1/2	3,733	1/2	4,670	1/2		1/2		1/2		1/2		1/2	
3/4	674	3/4	1,718	3/4	2,757	3/4	3,753	3/4	4,689	3/4		3/4		3/4		3/4		3/4	
8	696	8	1,739	8	2,778	8	3,773	8	4,707	8		8		8		8		8	
1/4	718	1/4	1,761	1/4	2,800	1/4	3,793	1/4	4,726	1/4		1/4		1/4		1/4		1/4	
1/2	739	1/2	1,783	1/2	2,821	1/2	3,814	1/2	4,745	1/2		1/2		1/2		1/2		1/2	
3/4	761	3/4	1,805	3/4	2,842	3/4	3,834	3/4	4,764	3/4		3/4		3/4		3/4		3/4	
9	783	9	1,826	9	2,863	9	3,854	9		9		9		9		9		9	
1/4	805	1/4	1,848	1/4	2,884	1/4	3,874	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	826	1/2	1,870	1/2	2,906	1/2	3,894	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	848	3/4	1,892	3/4	2,927	3/4	3,914	3/4		3/4		3/4		3/4		3/4		3/4	
10	870	10	1,913	10	2,948	10	3,934	10		10		10		10		10		10	
1/4	891	1/4	1,935	1/4	2,969	1/4	3,954	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	913	1/2	1,957	1/2	2,990	1/2	3,974	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	935	3/4	1,979	3/4	3,011	3/4	3,994	3/4		3/4		3/4		3/4		3/4		3/4	
11	957	11	2,000	11	3,032	11	4,014	11		11		11		11		11		11	
1/4	978	1/4	2,022	1/4	3,053	1/4	4,034	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,000	1/2	2,044	1/2	3,074	1/2	4,053	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,022	3/4	2,066	3/4	3,095	3/4	4,073	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.

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BARGE "KIRBY 29187"

STBD SLOP

INNAGE TABLE GAUGE HEIGHT: 5'-08 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "TMTB 101"

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	1,044	0	2,087	0	3,116	0	4,093	0		0		0		0		0	
1/4	22	1/4	1,065	1/4	2,109	1/4	3,137	1/4	4,113	1/4		1/4		1/4		1/4		1/4	
1/2	43	1/2	1,087	1/2	2,131	1/2	3,158	1/2	4,133	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,109	3/4	2,153	3/4	3,178	3/4	4,152	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,131	1	2,174	1	3,199	1	4,172	1		1		1		1		1	
1/4	109	1/4	1,152	1/4	2,196	1/4	3,220	1/4	4,192	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	1,174	1/2	2,218	1/2	3,241	1/2	4,212	1/2		1/2		1/2		1/2		1/2	
3/4	152	3/4	1,196	3/4	2,240	3/4	3,262	3/4	4,231	3/4		3/4		3/4		3/4		3/4	
2	174	2	1,218	2	2,261	2	3,282	2	4,251	2		2		2		2		2	
1/4	196	1/4	1,239	1/4	2,283	1/4	3,303	1/4	4,270	1/4		1/4		1/4		1/4		1/4	
1/2	217	1/2	1,261	1/2	2,305	1/2	3,324	1/2	4,290	1/2		1/2		1/2		1/2		1/2	
3/4	239	3/4	1,283	3/4	2,327	3/4	3,344	3/4	4,309	3/4		3/4		3/4		3/4		3/4	
3	261	3	1,305	3	2,348	3	3,365	3	4,329	3		3		3		3		3	
1/4	283	1/4	1,326	1/4	2,370	1/4	3,386	1/4	4,348	1/4		1/4		1/4		1/4		1/4	
1/2	304	1/2	1,348	1/2	2,392	1/2	3,406	1/2	4,367	1/2		1/2		1/2		1/2		1/2	
3/4	326	3/4	1,370	3/4	2,413	3/4	3,427	3/4	4,386	3/4		3/4		3/4		3/4		3/4	
4	348	4	1,392	4	2,435	4	3,448	4	4,405	4		4		4		4		4	
1/4	370	1/4	1,413	1/4	2,457	1/4	3,468	1/4	4,424	1/4		1/4		1/4		1/4		1/4	
1/2	391	1/2	1,435	1/2	2,478	1/2	3,489	1/2	4,443	1/2		1/2		1/2		1/2		1/2	
3/4	413	3/4	1,457	3/4	2,500	3/4	3,509	3/4	4,462	3/4		3/4		3/4		3/4		3/4	
5	435	5	1,479	5	2,521	5	3,530	5	4,481	5		5		5		5		5	
1/4	457	1/4	1,500	1/4	2,543	1/4	3,550	1/4	4,500	1/4		1/4		1/4		1/4		1/4	
1/2	478	1/2	1,522	1/2	2,564	1/2	3,570	1/2	4,519	1/2		1/2		1/2		1/2		1/2	
3/4	500	3/4	1,544	3/4	2,586	3/4	3,591	3/4	4,538	3/4		3/4		3/4		3/4		3/4	
6	522	6	1,566	6	2,607	6	3,611	6	4,557	6		6		6		6		6	
1/4	544	1/4	1,587	1/4	2,629	1/4	3,631	1/4	4,576	1/4		1/4		1/4		1/4		1/4	
1/2	565	1/2	1,609	1/2	2,650	1/2	3,652	1/2	4,595	1/2		1/2		1/2		1/2		1/2	
3/4	587	3/4	1,631	3/4	2,672	3/4	3,672	3/4	4,614	3/4		3/4		3/4		3/4		3/4	
7	609	7	1,652	7	2,693	7	3,692	7	4,632	7		7		7		7		7	
1/4	631	1/4	1,674	1/4	2,714	1/4	3,713	1/4	4,651	1/4		1/4		1/4		1/4		1/4	
1/2	652	1/2	1,696	1/2	2,736	1/2	3,733	1/2	4,670	1/2		1/2		1/2		1/2		1/2	
3/4	674	3/4	1,718	3/4	2,757	3/4	3,753	3/4	4,689	3/4		3/4		3/4		3/4		3/4	
8	696	8	1,739	8	2,778	8	3,773	8	4,707	8		8		8		8		8	
1/4	718	1/4	1,761	1/4	2,800	1/4	3,793	1/4	4,726	1/4		1/4		1/4		1/4		1/4	
1/2	739	1/2	1,783	1/2	2,821	1/2	3,814	1/2	4,745	1/2		1/2		1/2		1/2		1/2	
3/4	761	3/4	1,805	3/4	2,842	3/4	3,834	3/4	4,764	3/4		3/4		3/4		3/4		3/4	
9	783	9	1,826	9	2,863	9	3,854	9		9		9		9		9		9	
1/4	805	1/4	1,848	1/4	2,884	1/4	3,874	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	826	1/2	1,870	1/2	2,906	1/2	3,894	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	848	3/4	1,892	3/4	2,927	3/4	3,914	3/4		3/4		3/4		3/4		3/4		3/4	
10	870	10	1,913	10	2,948	10	3,934	10		10		10		10		10		10	
1/4	891	1/4	1,935	1/4	2,969	1/4	3,954	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	913	1/2	1,957	1/2	2,990	1/2	3,974	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	935	3/4	1,979	3/4	3,011	3/4	3,994	3/4		3/4		3/4		3/4		3/4		3/4	
11	957	11	2,000	11	3,032	11	4,014	11		11		11		11		11		11	
1/4	978	1/4	2,022	1/4	3,053	1/4	4,034	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,000	1/2	2,044	1/2	3,074	1/2	4,053	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,022	3/4	2,066	3/4	3,095	3/4	4,073	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2025

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