



BARGE "KIRBY 29188"

ULLAGE TRIM TABLE

FORMERLY "TMTB 102"

	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	00-7/8	- 00-7/8	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 = 1'-00"
AFT DRAFT = 4'-00"
DIFF. = 3'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 235'-00"

December 31, 2025

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

<http://www.pmacorp.net>



BARGE "KIRBY 29188"

1 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 17'-01 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

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	4,460.58	0	4,162.15	0	3,846.69	0	3,517.69	0	3,187.02	0	2,856.35	0	2,525.69
1/4		1/4		1/4		1/4	4,454.21	1/4	4,155.77	1/4	3,839.95	1/4	3,510.80	1/4	3,180.13	1/4	2,849.46	1/4	2,518.80
1/2		1/2		1/2		1/2	4,448.21	1/2	4,149.37	1/2	3,833.19	1/2	3,503.91	1/2	3,173.24	1/2	2,842.58	1/2	2,511.91
3/4		3/4		3/4		3/4	4,442.21	3/4	4,142.96	3/4	3,826.43	3/4	3,497.02	3/4	3,166.35	3/4	2,835.69	3/4	2,505.02
1		1		1		1	4,436.22	1	4,136.55	1	3,819.67	1	3,490.13	1	3,159.46	1	2,828.80	1	2,498.13
1/4		1/4		1/4		1/4	4,430.22	1/4	4,130.14	1/4	3,812.91	1/4	3,483.24	1/4	3,152.58	1/4	2,821.91	1/4	2,491.24
1/2		1/2		1/2		1/2	4,424.19	1/2	4,123.71	1/2	3,806.12	1/2	3,476.35	1/2	3,145.69	1/2	2,815.02	1/2	2,484.35
3/4		3/4		3/4		3/4	4,418.17	3/4	4,117.28	3/4	3,799.33	3/4	3,469.47	3/4	3,138.80	3/4	2,808.13	3/4	2,477.46
2		2		2		2	4,412.14	2	4,110.84	2	3,792.55	2	3,462.58	2	3,131.91	2	2,801.24	2	2,470.57
1/4		1/4		1/4		1/4	4,406.12	1/4	4,104.41	1/4	3,785.76	1/4	3,455.69	1/4	3,125.02	1/4	2,794.35	1/4	2,463.69
1/2		1/2		1/2		1/2	4,400.02	1/2	4,097.95	1/2	3,778.94	1/2	3,448.80	1/2	3,118.13	1/2	2,787.46	1/2	2,456.80
3/4		3/4		3/4		3/4	4,393.92	3/4	4,091.49	3/4	3,772.13	3/4	3,441.91	3/4	3,111.24	3/4	2,780.58	3/4	2,449.91
3		3		3		3	4,387.83	3	4,085.03	3	3,765.32	3	3,435.02	3	3,104.35	3	2,773.69	3	2,443.02
1/4		1/4		1/4		1/4	4,381.73	1/4	4,078.57	1/4	3,758.50	1/4	3,428.13	1/4	3,097.46	1/4	2,766.80	1/4	2,436.13
1/2		1/2		1/2		1/2	4,375.56	1/2	4,072.06	1/2	3,751.66	1/2	3,421.24	1/2	3,090.58	1/2	2,759.91	1/2	2,429.24
3/4		3/4		3/4		3/4	4,369.38	3/4	4,065.56	3/4	3,744.82	3/4	3,414.35	3/4	3,083.69	3/4	2,753.02	3/4	2,422.35
4		4		4		4	4,363.21	4	4,059.05	4	3,737.98	4	3,407.46	4	3,076.80	4	2,746.13	4	2,415.46
1/4		1/4		1/4		1/4	4,357.04	1/4	4,052.55	1/4	3,731.14	1/4	3,400.58	1/4	3,069.91	1/4	2,739.24	1/4	2,408.57
1/2		1/2		1/2		1/2	4,350.84	1/2	4,046.00	1/2	3,724.28	1/2	3,393.69	1/2	3,063.02	1/2	2,732.35	1/2	2,401.69
3/4		3/4		3/4		3/4	4,344.64	3/4	4,039.44	3/4	3,717.41	3/4	3,386.80	3/4	3,056.13	3/4	2,725.46	3/4	2,394.80
5		5		5		5	4,338.45	5	4,032.89	5	3,710.55	5	3,379.91	5	3,049.24	5	2,718.57	5	2,387.91
1/4		1/4		1/4		1/4	4,332.25	1/4	4,026.34	1/4	3,703.68	1/4	3,373.02	1/4	3,042.35	1/4	2,711.69	1/4	2,381.02
1/2		1/2		1/2		1/2	4,326.02	1/2	4,019.76	1/2	3,696.79	1/2	3,366.13	1/2	3,035.46	1/2	2,704.80	1/2	2,374.13
3/4		3/4		3/4		3/4	4,319.80	3/4	4,013.18	3/4	3,689.91	3/4	3,359.24	3/4	3,028.58	3/4	2,697.91	3/4	2,367.24
6		6		6		6	4,313.58	6	4,006.61	6	3,683.02	6	3,352.35	6	3,021.69	6	2,691.02	6	2,360.35
1/4		1/4		1/4		1/4	4,307.35	1/4	4,000.03	1/4	3,676.13	1/4	3,345.46	1/4	3,014.80	1/4	2,684.13	1/4	2,353.46
1/2		1/2		1/2		1/2	4,301.10	1/2	3,993.42	1/2	3,669.24	1/2	3,338.58	1/2	3,007.91	1/2	2,677.24	1/2	2,346.57
3/4		3/4		3/4		3/4	4,294.85	3/4	3,986.82	3/4	3,662.35	3/4	3,331.69	3/4	3,001.02	3/4	2,670.35	3/4	2,339.69
7		7		7		7	4,288.60	7	3,980.21	7	3,655.47	7	3,324.80	7	2,994.13	7	2,663.46	7	2,332.80
1/4		1/4		1/4		1/4	4,580.87	1/4	4,282.35	1/4	3,973.61	1/4	3,648.58	1/4	3,317.91	1/4	2,987.24	1/4	2,656.57
1/2		1/2		1/2		1/2	4,575.49	1/2	4,276.07	1/2	3,966.98	1/2	3,641.69	1/2	3,311.02	1/2	2,980.35	1/2	2,649.69
3/4		3/4		3/4		3/4	4,570.12	3/4	4,269.80	3/4	3,960.35	3/4	3,634.80	3/4	3,304.13	3/4	2,973.46	3/4	2,642.80
8		8		8		8	4,564.74	8	4,263.52	8	3,953.72	8	3,627.91	8	3,297.24	8	2,966.58	8	2,635.91
1/4		1/4		1/4		1/4	4,559.36	1/4	4,257.24	1/4	3,947.09	1/4	3,621.02	1/4	3,290.35	1/4	2,959.69	1/4	2,629.02
1/2		1/2		1/2		1/2	4,552.95	1/2	4,250.94	1/2	3,940.43	1/2	3,614.13	1/2	3,283.46	1/2	2,952.80	1/2	2,622.13
3/4		3/4		3/4		3/4	4,546.54	3/4	4,244.64	3/4	3,933.77	3/4	3,607.24	3/4	3,276.58	3/4	2,945.91	3/4	2,615.24
9		9		9		9	4,540.13	9	4,238.34	9	3,927.12	9	3,600.35	9	3,269.69	9	2,939.02	9	2,608.35
1/4		1/4		1/4		1/4	4,533.72	1/4	4,232.03	1/4	3,920.46	1/4	3,593.47	1/4	3,262.80	1/4	2,932.13	1/4	2,601.46
1/2		1/2		1/2		1/2	4,526.97	1/2	4,225.70	1/2	3,913.78	1/2	3,586.58	1/2	3,255.91	1/2	2,925.24	1/2	2,594.57
3/4		3/4		3/4		3/4	4,520.21	3/4	4,219.38	3/4	3,907.10	3/4	3,579.69	3/4	3,249.02	3/4	2,918.35	3/4	2,587.69
10		10		10		10	4,513.46	10	4,213.05	10	3,900.41	10	3,572.80	10	3,242.13	10	2,911.46	10	2,580.80
1/4		1/4		1/4		1/4	4,506.70	1/4	4,206.72	1/4	3,893.73	1/4	3,565.91	1/4	3,235.24	1/4	2,904.58	1/4	2,573.91
1/2		1/2		1/2		1/2	4,499.95	1/2	4,200.36	1/2	3,887.02	1/2	3,559.02	1/2	3,228.35	1/2	2,897.69	1/2	2,567.02
3/4		3/4		3/4		3/4	4,493.20	3/4	4,194.01	3/4	3,880.31	3/4	3,552.13	3/4	3,221.46	3/4	2,890.80	3/4	2,560.13
11		11		11		11	4,486.44	11	4,187.65	11	3,873.60	11	3,545.24	11	3,214.58	11	2,883.91	11	2,553.24
1/4		1/4		1/4		1/4	4,479.69	1/4	4,181.30	1/4	3,866.89	1/4	3,538.35	1/4	3,207.69	1/4	2,877.02	1/4	2,546.35
1/2		1/2		1/2		1/2	4,473.32	1/2	4,174.92	1/2	3,860.16	1/2	3,531.47	1/2	3,200.80	1/2	2,870.13	1/2	2,539.46
3/4		3/4		3/4		3/4	4,466.95	3/4	4,168.54	3/4	3,853.42	3/4	3,524.58	3/4	3,193.91	3/4	2,863.24	3/4	2,532.57

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 29188"

1 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

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	2,195.02	0	1,864.30	0	1,533.52	0	1,202.74	0	876.59	0	571.20	0	288.10	0	28.18	0		0	
1/4	2,188.13	1/4	1,857.41	1/4	1,526.63	1/4	1,195.85	1/4	869.99	1/4	565.07	1/4	282.41	1/4	23.52	1/4		1/4	
1/2	2,181.24	1/2	1,850.52	1/2	1,519.74	1/2	1,188.95	1/2	863.42	1/2	558.98	1/2	276.75	1/2	20.19	1/2		1/2	
3/4	2,174.35	3/4	1,843.63	3/4	1,512.85	3/4	1,182.06	3/4	856.85	3/4	552.90	3/4	271.10	3/4	16.86	3/4		3/4	
1	2,167.46	1	1,836.74	1	1,505.95	1	1,175.17	1	850.29	1	546.81	1	265.45	1	13.53	1		1	
1/4	2,160.57	1/4	1,829.84	1/4	1,499.06	1/4	1,168.28	1/4	843.72	1/4	540.72	1/4	259.80	1/4	10.20	1/4		1/4	
1/2	2,153.69	1/2	1,822.95	1/2	1,492.17	1/2	1,161.39	1/2	837.19	1/2	534.68	1/2	254.19	1/2		1/2		1/2	
3/4	2,146.80	3/4	1,816.06	3/4	1,485.28	3/4	1,154.50	3/4	830.66	3/4	528.63	3/4	248.58	3/4		3/4		3/4	
2	2,139.91	2	1,809.17	2	1,478.39	2	1,147.61	2	824.13	2	522.58	2	242.96	2		2		2	
1/4	2,133.02	1/4	1,802.28	1/4	1,471.50	1/4	1,140.71	1/4	817.60	1/4	516.53	1/4	237.35	1/4		1/4		1/4	
1/2	2,126.13	1/2	1,795.39	1/2	1,464.61	1/2	1,133.82	1/2	811.11	1/2	510.52	1/2	231.77	1/2		1/2		1/2	
3/4	2,119.24	3/4	1,788.50	3/4	1,457.71	3/4	1,126.93	3/4	804.62	3/4	504.51	3/4	226.20	3/4		3/4		3/4	
3	2,112.35	3	1,781.61	3	1,450.82	3	1,120.04	3	798.13	3	498.50	3	220.62	3		3		3	
1/4	2,105.46	1/4	1,774.71	1/4	1,443.93	1/4	1,113.15	1/4	791.64	1/4	492.49	1/4	215.05	1/4		1/4		1/4	
1/2	2,098.57	1/2	1,767.82	1/2	1,437.04	1/2	1,106.26	1/2	785.19	1/2	486.52	1/2	209.51	1/2		1/2		1/2	
3/4	2,091.69	3/4	1,760.93	3/4	1,430.15	3/4	1,099.38	3/4	778.74	3/4	480.55	3/4	203.98	3/4		3/4		3/4	
4	2,084.80	4	1,754.04	4	1,423.26	4	1,092.49	4	772.28	4	474.57	4	198.44	4		4		4	
1/4	2,077.91	1/4	1,747.15	1/4	1,416.37	1/4	1,085.60	1/4	765.83	1/4	468.60	1/4	192.90	1/4		1/4		1/4	
1/2	2,071.02	1/2	1,740.26	1/2	1,409.48	1/2	1,078.74	1/2	759.42	1/2	462.67	1/2	187.40	1/2		1/2		1/2	
3/4	2,064.13	3/4	1,733.37	3/4	1,402.58	3/4	1,071.87	3/4	753.00	3/4	456.73	3/4	181.91	3/4		3/4		3/4	
5	2,057.24	5	1,726.48	5	1,395.69	5	1,065.00	5	746.59	5	450.80	5	176.41	5		5		5	
1/4	2,050.35	1/4	1,719.58	1/4	1,388.80	1/4	1,058.13	1/4	740.17	1/4	444.87	1/4	170.91	1/4		1/4		1/4	
1/2	2,043.46	1/2	1,712.69	1/2	1,381.91	1/2	1,051.30	1/2	733.80	1/2	438.96	1/2	165.45	1/2		1/2		1/2	
3/4	2,036.58	3/4	1,705.80	3/4	1,375.02	3/4	1,044.47	3/4	727.42	3/4	433.05	3/4	159.99	3/4		3/4		3/4	
6	2,029.69	6	1,698.91	6	1,368.13	6	1,037.63	6	721.05	6	427.15	6	154.53	6		6		6	
1/4	2,022.80	1/4	1,692.02	1/4	1,361.24	1/4	1,030.80	1/4	714.67	1/4	421.24	1/4	149.07	1/4		1/4		1/4	
1/2	2,015.91	1/2	1,685.13	1/2	1,354.35	1/2	1,024.00	1/2	708.33	1/2	415.36	1/2	143.64	1/2		1/2		1/2	
3/4	2,009.02	3/4	1,678.24	3/4	1,347.45	3/4	1,017.21	3/4	701.99	3/4	409.48	3/4	138.22	3/4		3/4		3/4	
7	2,002.13	7	1,671.34	7	1,340.56	7	1,010.41	7	695.65	7	403.60	7	132.80	7		7		7	
1/4	1,995.24	1/4	1,664.45	1/4	1,333.67	1/4	1,003.61	1/4	689.32	1/4	397.72	1/4	127.38	1/4		1/4		1/4	
1/2	1,988.34	1/2	1,657.56	1/2	1,326.78	1/2	996.86	1/2	683.02	1/2	391.88	1/2	121.99	1/2		1/2		1/2	
3/4	1,981.45	3/4	1,650.67	3/4	1,319.89	3/4	990.10	3/4	676.72	3/4	386.03	3/4	116.61	3/4		3/4		3/4	
8	1,974.56	8	1,643.78	8	1,313.00	8	983.34	8	670.42	8	380.19	8	111.23	8		8		8	
1/4	1,967.67	1/4	1,636.89	1/4	1,306.11	1/4	976.58	1/4	664.12	1/4	374.35	1/4	105.84	1/4		1/4		1/4	
1/2	1,960.78	1/2	1,630.00	1/2	1,299.21	1/2	969.86	1/2	657.86	1/2	368.55	1/2	100.50	1/2		1/2		1/2	
3/4	1,953.89	3/4	1,623.11	3/4	1,292.32	3/4	963.14	3/4	651.59	3/4	362.74	3/4	95.15	3/4		3/4		3/4	
9	1,947.00	9	1,616.21	9	1,285.43	9	956.43	9	645.33	9	356.94	9	89.80	9		9		9	
1/4	1,940.11	1/4	1,609.32	1/4	1,278.54	1/4	949.71	1/4	639.07	1/4	351.14	1/4	84.46	1/4		1/4		1/4	
1/2	1,933.21	1/2	1,602.43	1/2	1,271.65	1/2	943.02	1/2	632.86	1/2	345.37	1/2	79.15	1/2		1/2		1/2	
3/4	1,926.32	3/4	1,595.54	3/4	1,264.76	3/4	936.34	3/4	626.65	3/4	339.60	3/4	73.84	3/4		3/4		3/4	
10	1,919.43	10	1,588.65	10	1,257.87	10	929.66	10	620.43	10	333.84	10	68.53	10		10		10	
1/4	1,912.54	1/4	1,581.76	1/4	1,250.98	1/4	922.98	1/4	614.22	1/4	328.07	1/4	63.23	1/4		1/4		1/4	
1/2	1,905.65	1/2	1,574.87	1/2	1,244.08	1/2	916.34	1/2	608.06	1/2	322.35	1/2	57.96	1/2		1/2		1/2	
3/4	1,898.76	3/4	1,567.98	3/4	1,237.19	3/4	909.69	3/4	601.89	3/4	316.62	3/4	52.69	3/4		3/4		3/4	
11	1,891.87	11	1,561.08	11	1,230.30	11	903.05	11	595.73	11	310.89	11	47.42	11		11		11	
1/4	1,884.98	1/4	1,554.19	1/4	1,223.41	1/4	896.41	1/4	589.57	1/4	305.16	1/4	42.15	1/4		1/4		1/4	
1/2	1,878.08	1/2	1,547.30	1/2	1,216.52	1/2	889.80	1/2	583.44	1/2	299.47	1/2	37.49	1/2		1/2		1/2	
3/4	1,871.19	3/4	1,540.41	3/4	1,209.63	3/4	883.20	3/4	577.32	3/4	293.78	3/4	32.83	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 29188"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

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	4,469.52	0	4,170.40	0	3,854.22	0	3,524.49	0	3,193.09	0	2,861.68	0	2,530.28
1/4		1/4		1/4		1/4	4,463.14	1/4	4,164.01	1/4	3,847.47	1/4	3,517.59	1/4	3,186.18	1/4	2,854.78	1/4	2,523.37
1/2		1/2		1/2		1/2	4,457.12	1/2	4,157.58	1/2	3,840.69	1/2	3,510.69	1/2	3,179.28	1/2	2,847.87	1/2	2,516.47
3/4		3/4		3/4		3/4	4,451.11	3/4	4,151.16	3/4	3,833.92	3/4	3,503.78	3/4	3,172.37	3/4	2,840.97	3/4	2,509.56
1		1		1		1	4,445.10	1	4,144.74	1	3,827.14	1	3,496.88	1	3,165.47	1	2,834.06	1	2,502.66
1/4		1/4		1/4		1/4	4,439.09	1/4	4,138.32	1/4	3,820.36	1/4	3,489.97	1/4	3,158.57	1/4	2,827.16	1/4	2,495.75
1/2		1/2		1/2		1/2	4,433.05	1/2	4,131.87	1/2	3,813.56	1/2	3,483.07	1/2	3,151.66	1/2	2,820.26	1/2	2,488.85
3/4		3/4		3/4		3/4	4,427.01	3/4	4,125.42	3/4	3,806.76	3/4	3,476.16	3/4	3,144.76	3/4	2,813.35	3/4	2,481.94
2		2		2		2	4,420.97	2	4,118.97	2	3,799.95	2	3,469.26	2	3,137.85	2	2,806.45	2	2,475.04
1/4		1/4		1/4		1/4	4,414.93	1/4	4,112.52	1/4	3,793.15	1/4	3,462.36	1/4	3,130.95	1/4	2,799.54	1/4	2,468.14
1/2		1/2		1/2		1/2	4,408.82	1/2	4,106.05	1/2	3,786.32	1/2	3,455.45	1/2	3,124.04	1/2	2,792.64	1/2	2,461.23
3/4		3/4		3/4		3/4	4,402.71	3/4	4,099.57	3/4	3,779.49	3/4	3,448.55	3/4	3,117.14	3/4	2,785.73	3/4	2,454.33
3		3		3		3	4,396.60	3	4,093.10	3	3,772.66	3	3,441.64	3	3,110.24	3	2,778.83	3	2,447.42
1/4		1/4		1/4		1/4	4,390.48	1/4	4,086.63	1/4	3,765.84	1/4	3,434.74	1/4	3,103.33	1/4	2,771.93	1/4	2,440.52
1/2		1/2		1/2		1/2	4,384.30	1/2	4,080.10	1/2	3,758.98	1/2	3,427.83	1/2	3,096.43	1/2	2,765.02	1/2	2,433.61
3/4		3/4		3/4		3/4	4,378.11	3/4	4,073.58	3/4	3,752.13	3/4	3,420.93	3/4	3,089.52	3/4	2,758.12	3/4	2,426.71
4		4		4		4	4,371.92	4	4,067.06	4	3,745.27	4	3,414.03	4	3,082.62	4	2,751.21	4	2,419.81
1/4		1/4		1/4		1/4	4,365.74	1/4	4,060.54	1/4	3,738.41	1/4	3,407.12	1/4	3,075.71	1/4	2,744.31	1/4	2,412.90
1/2		1/2		1/2		1/2	4,359.53	1/2	4,053.98	1/2	3,731.53	1/2	3,400.22	1/2	3,068.81	1/2	2,737.40	1/2	2,406.00
3/4		3/4		3/4		3/4	4,353.31	3/4	4,047.41	3/4	3,724.65	3/4	3,393.31	3/4	3,061.91	3/4	2,730.50	3/4	2,399.09
5		5		5		5	4,347.10	5	4,040.84	5	3,717.77	5	3,386.41	5	3,055.00	5	2,723.60	5	2,392.19
1/4		1/4		1/4		1/4	4,340.89	1/4	4,034.28	1/4	3,710.89	1/4	3,379.50	1/4	3,048.10	1/4	2,716.69	1/4	2,385.28
1/2		1/2		1/2		1/2	4,334.65	1/2	4,027.68	1/2	3,703.99	1/2	3,372.60	1/2	3,041.19	1/2	2,709.79	1/2	2,378.38
3/4		3/4		3/4		3/4	4,328.41	3/4	4,021.09	3/4	3,697.09	3/4	3,365.70	3/4	3,034.29	3/4	2,702.88	3/4	2,371.48
6		6		6		6	4,322.17	6	4,014.50	6	3,690.19	6	3,358.79	6	3,027.38	6	2,695.98	6	2,364.57
1/4		1/4		1/4		1/4	4,315.93	1/4	4,007.90	1/4	3,683.29	1/4	3,351.89	1/4	3,020.48	1/4	2,689.07	1/4	2,357.67
1/2		1/2		1/2		1/2	4,309.67	1/2	4,001.28	1/2	3,676.39	1/2	3,344.98	1/2	3,013.58	1/2	2,682.17	1/2	2,350.76
3/4		3/4		3/4		3/4	4,303.40	3/4	3,994.66	3/4	3,669.48	3/4	3,338.08	3/4	3,006.67	3/4	2,675.27	3/4	2,343.86
7		7		7		7	4,297.14	7	3,988.05	7	3,662.58	7	3,331.17	7	2,999.77	7	2,668.36	7	2,336.95
1/4		1/4		1/4		1/4	4,590.09	1/4	4,290.87	1/4	3,981.43	1/4	3,655.68	1/4	3,324.27	1/4	2,992.86	1/4	2,661.46
1/2		1/2		1/2		1/2	4,584.70	1/2	4,284.58	1/2	3,974.78	1/2	3,648.77	1/2	3,317.37	1/2	2,985.96	1/2	2,654.55
3/4		3/4		3/4		3/4	4,579.31	3/4	4,278.29	3/4	3,968.14	3/4	3,641.87	3/4	3,310.46	3/4	2,979.05	3/4	2,647.65
8		8		8		8	4,573.92	8	4,272.00	8	3,961.49	8	3,634.96	8	3,303.56	8	2,972.15	8	2,640.74
1/4		1/4		1/4		1/4	4,568.53	1/4	4,265.71	1/4	3,954.84	1/4	3,628.06	1/4	3,296.65	1/4	2,965.25	1/4	2,633.84
1/2		1/2		1/2		1/2	4,562.10	1/2	4,259.39	1/2	3,948.17	1/2	3,621.15	1/2	3,289.75	1/2	2,958.34	1/2	2,626.94
3/4		3/4		3/4		3/4	4,555.68	3/4	4,253.08	3/4	3,941.50	3/4	3,614.25	3/4	3,282.84	3/4	2,951.44	3/4	2,620.03
9		9		9		9	4,549.25	9	4,246.76	9	3,934.83	9	3,607.35	9	3,275.94	9	2,944.53	9	2,613.13
1/4		1/4		1/4		1/4	4,542.83	1/4	4,240.44	1/4	3,928.16	1/4	3,600.44	1/4	3,269.04	1/4	2,937.63	1/4	2,606.22
1/2		1/2		1/2		1/2	4,536.06	1/2	4,234.10	1/2	3,921.46	1/2	3,593.54	1/2	3,262.13	1/2	2,930.72	1/2	2,599.32
3/4		3/4		3/4		3/4	4,529.29	3/4	4,227.75	3/4	3,914.76	3/4	3,586.63	3/4	3,255.23	3/4	2,923.82	3/4	2,592.41
10		10		10		10	4,522.52	10	4,221.41	10	3,908.06	10	3,579.73	10	3,248.32	10	2,916.92	10	2,585.51
1/4		1/4		1/4		1/4	4,515.75	1/4	4,215.07	1/4	3,901.37	1/4	3,572.82	1/4	3,241.42	1/4	2,910.01	1/4	2,578.61
1/2		1/2		1/2		1/2	4,508.98	1/2	4,208.70	1/2	3,894.64	1/2	3,565.92	1/2	3,234.51	1/2	2,903.11	1/2	2,571.70
3/4		3/4		3/4		3/4	4,502.21	3/4	4,202.33	3/4	3,887.92	3/4	3,559.02	3/4	3,227.61	3/4	2,896.20	3/4	2,564.80
11		11		11		11	4,495.44	11	4,195.96	11	3,881.19	11	3,552.11	11	3,220.71	11	2,889.30	11	2,557.89
1/4		1/4		1/4		1/4	4,488.67	1/4	4,189.59	1/4	3,874.47	1/4	3,545.21	1/4	3,213.80	1/4	2,882.39	1/4	2,550.99
1/2		1/2		1/2		1/2	4,482.29	1/2	4,183.19	1/2	3,867.72	1/2	3,538.30	1/2	3,206.90	1/2	2,875.49	1/2	2,544.08
3/4		3/4		3/4		3/4	4,475.91	3/4	4,176.80	3/4	3,860.97	3/4	3,531.40	3/4	3,199.99	3/4	2,868.59	3/4	2,537.18

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29188"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

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	2,198.87	0	1,867.41	0	1,535.89	0	1,204.37	0	877.50	0	572.02	0	288.81	0	28.25	0		0	
1/4	2,191.96	1/4	1,860.50	1/4	1,528.98	1/4	1,197.47	1/4	870.88	1/4	565.90	1/4	283.11	1/4	23.58	1/4		1/4	
1/2	2,185.06	1/2	1,853.59	1/2	1,522.08	1/2	1,190.56	1/2	864.30	1/2	559.83	1/2	277.44	1/2	20.24	1/2		1/2	
3/4	2,178.16	3/4	1,846.69	3/4	1,515.17	3/4	1,183.65	3/4	857.72	3/4	553.75	3/4	271.78	3/4	16.90	3/4		3/4	
1	2,171.25	1	1,839.78	1	1,508.26	1	1,176.75	1	851.13	1	547.67	1	266.11	1	13.56	1		1	
1/4	2,164.35	1/4	1,832.87	1/4	1,501.36	1/4	1,169.84	1/4	844.55	1/4	541.60	1/4	260.45	1/4	10.22	1/4		1/4	
1/2	2,157.44	1/2	1,825.97	1/2	1,494.45	1/2	1,162.93	1/2	838.01	1/2	535.56	1/2	254.82	1/2		1/2		1/2	
3/4	2,150.54	3/4	1,819.06	3/4	1,487.54	3/4	1,156.03	3/4	831.46	3/4	529.52	3/4	249.20	3/4		3/4		3/4	
2	2,143.63	2	1,812.15	2	1,480.64	2	1,149.12	2	824.92	2	523.48	2	243.57	2		2		2	
1/4	2,136.73	1/4	1,805.25	1/4	1,473.73	1/4	1,142.21	1/4	818.38	1/4	517.45	1/4	237.94	1/4		1/4		1/4	
1/2	2,129.83	1/2	1,798.34	1/2	1,466.82	1/2	1,135.31	1/2	811.87	1/2	511.45	1/2	232.35	1/2		1/2		1/2	
3/4	2,122.92	3/4	1,791.44	3/4	1,459.92	3/4	1,128.40	3/4	805.37	3/4	505.45	3/4	226.76	3/4		3/4		3/4	
3	2,116.02	3	1,784.53	3	1,453.01	3	1,121.49	3	798.86	3	499.45	3	221.18	3		3		3	
1/4	2,109.11	1/4	1,777.62	1/4	1,446.11	1/4	1,114.59	1/4	792.36	1/4	493.45	1/4	215.59	1/4		1/4		1/4	
1/2	2,102.21	1/2	1,770.72	1/2	1,439.20	1/2	1,107.69	1/2	785.89	1/2	487.49	1/2	210.04	1/2		1/2		1/2	
3/4	2,095.30	3/4	1,763.81	3/4	1,432.29	3/4	1,100.78	3/4	779.42	3/4	481.53	3/4	204.49	3/4		3/4		3/4	
4	2,088.40	4	1,756.90	4	1,425.39	4	1,093.88	4	772.95	4	475.56	4	198.94	4		4		4	
1/4	2,081.50	1/4	1,750.00	1/4	1,418.48	1/4	1,086.98	1/4	766.49	1/4	469.60	1/4	193.39	1/4		1/4		1/4	
1/2	2,074.59	1/2	1,743.09	1/2	1,411.57	1/2	1,080.10	1/2	760.06	1/2	463.68	1/2	187.87	1/2		1/2		1/2	
3/4	2,067.69	3/4	1,736.18	3/4	1,404.67	3/4	1,073.22	3/4	753.63	3/4	457.76	3/4	182.36	3/4		3/4		3/4	
5	2,060.78	5	1,729.28	5	1,397.76	5	1,066.33	5	747.20	5	451.83	5	176.85	5		5		5	
1/4	2,053.88	1/4	1,722.37	1/4	1,390.85	1/4	1,059.45	1/4	740.77	1/4	445.91	1/4	171.34	1/4		1/4		1/4	
1/2	2,046.97	1/2	1,715.46	1/2	1,383.95	1/2	1,052.60	1/2	734.39	1/2	440.00	1/2	165.86	1/2		1/2		1/2	
3/4	2,040.07	3/4	1,708.56	3/4	1,377.04	3/4	1,045.75	3/4	728.01	3/4	434.09	3/4	160.39	3/4		3/4		3/4	
6	2,033.16	6	1,701.65	6	1,370.13	6	1,038.90	6	721.63	6	428.18	6	154.92	6		6		6	
1/4	2,026.26	1/4	1,694.74	1/4	1,363.23	1/4	1,032.05	1/4	715.26	1/4	422.27	1/4	149.44	1/4		1/4		1/4	
1/2	2,019.35	1/2	1,687.84	1/2	1,356.32	1/2	1,025.24	1/2	708.93	1/2	416.38	1/2	144.01	1/2		1/2		1/2	
3/4	2,012.45	3/4	1,680.93	3/4	1,349.41	3/4	1,018.43	3/4	702.60	3/4	410.49	3/4	138.57	3/4		3/4		3/4	
7	2,005.54	7	1,674.02	7	1,342.51	7	1,011.62	7	696.27	7	404.59	7	133.14	7		7		7	
1/4	1,998.63	1/4	1,667.12	1/4	1,335.60	1/4	1,004.81	1/4	689.94	1/4	398.70	1/4	127.70	1/4		1/4		1/4	
1/2	1,991.73	1/2	1,660.21	1/2	1,328.69	1/2	998.04	1/2	683.65	1/2	392.84	1/2	122.30	1/2		1/2		1/2	
3/4	1,984.82	3/4	1,653.30	3/4	1,321.79	3/4	991.26	3/4	677.36	3/4	386.99	3/4	116.90	3/4		3/4		3/4	
8	1,977.91	8	1,646.40	8	1,314.88	8	984.49	8	671.07	8	381.13	8	111.51	8		8		8	
1/4	1,971.01	1/4	1,639.49	1/4	1,307.97	1/4	977.72	1/4	664.78	1/4	375.27	1/4	106.11	1/4		1/4		1/4	
1/2	1,964.10	1/2	1,632.58	1/2	1,301.07	1/2	970.98	1/2	658.53	1/2	369.46	1/2	100.75	1/2		1/2		1/2	
3/4	1,957.19	3/4	1,625.68	3/4	1,294.16	3/4	964.25	3/4	652.28	3/4	363.64	3/4	95.39	3/4		3/4		3/4	
9	1,950.29	9	1,618.77	9	1,287.25	9	957.51	9	646.03	9	357.82	9	90.03	9		9		9	
1/4	1,943.38	1/4	1,611.86	1/4	1,280.35	1/4	950.78	1/4	639.78	1/4	352.00	1/4	84.67	1/4		1/4		1/4	
1/2	1,936.47	1/2	1,604.96	1/2	1,273.44	1/2	944.08	1/2	633.58	1/2	346.22	1/2	79.35	1/2		1/2		1/2	
3/4	1,929.57	3/4	1,598.05	3/4	1,266.53	3/4	937.39	3/4	627.37	3/4	340.44	3/4	74.03	3/4		3/4		3/4	
10	1,922.66	10	1,591.14	10	1,259.63	10	930.69	10	621.17	10	334.67	10	68.71	10		10		10	
1/4	1,915.75	1/4	1,584.24	1/4	1,252.72	1/4	923.99	1/4	614.97	1/4	328.89	1/4	63.39	1/4		1/4		1/4	
1/2	1,908.85	1/2	1,577.33	1/2	1,245.81	1/2	917.33	1/2	608.82	1/2	323.14	1/2	58.11	1/2		1/2		1/2	
3/4	1,901.94	3/4	1,570.42	3/4	1,238.91	3/4	910.68	3/4	602.67	3/4	317.40	3/4	52.82	3/4		3/4		3/4	
11	1,895.03	11	1,563.52	11	1,232.00	11	904.02	11	596.51	11	311.66	11	47.54	11		11		11	
1/4	1,888.13	1/4	1,556.61	1/4	1,225.09	1/4	897.36	1/4	590.36	1/4	305.92	1/4	42.26	1/4		1/4		1/4	
1/2	1,881.22	1/2	1,549.70	1/2	1,218.19	1/2	890.74	1/2	584.25	1/2	300.22	1/2	37.59	1/2		1/2		1/2	
3/4	1,874.31	3/4	1,542.80	3/4	1,211.28	3/4	884.12	3/4	578.13	3/4	294.51	3/4	32.92	3/4		3/4		3/4	

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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 29188"

2 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

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	5,408.65	0	5,057.92	0	4,687.22	0	4,300.98	0	3,912.96	0	3,524.93	0	3,136.91
1/4		1/4		1/4		1/4	5,401.58	1/4	5,050.40	1/4	4,679.28	1/4	4,292.89	1/4	3,904.87	1/4	3,516.85	1/4	3,128.83
1/2		1/2		1/2		1/2	5,394.52	1/2	5,042.87	1/2	4,671.35	1/2	4,284.81	1/2	3,896.79	1/2	3,508.77	1/2	3,120.74
3/4		3/4		3/4		3/4	5,387.46	3/4	5,035.35	3/4	4,663.42	3/4	4,276.73	3/4	3,888.70	3/4	3,500.68	3/4	3,112.66
1		1		1		1	5,380.39	1	5,027.82	1	4,655.48	1	4,268.64	1	3,880.62	1	3,492.60	1	3,104.58
1/4		1/4		1/4		1/4	5,373.30	1/4	5,020.26	1/4	4,647.52	1/4	4,260.56	1/4	3,872.54	1/4	3,484.51	1/4	3,096.49
1/2		1/2		1/2		1/2	5,366.21	1/2	5,012.71	1/2	4,639.55	1/2	4,252.48	1/2	3,864.45	1/2	3,476.43	1/2	3,088.41
3/4		3/4		3/4		3/4	5,359.12	3/4	5,005.15	3/4	4,631.59	3/4	4,244.39	3/4	3,856.37	3/4	3,468.35	3/4	3,080.32
2		2		2		2	5,352.02	2	4,997.59	2	4,623.62	2	4,236.31	2	3,848.29	2	3,460.26	2	3,072.24
1/4		1/4		1/4		1/4	5,344.85	1/4	4,990.01	1/4	4,615.63	1/4	4,228.22	1/4	3,840.20	1/4	3,452.18	1/4	3,064.16
1/2		1/2		1/2		1/2	5,337.68	1/2	4,982.42	1/2	4,607.63	1/2	4,220.14	1/2	3,832.12	1/2	3,444.10	1/2	3,056.07
3/4		3/4		3/4		3/4	5,330.51	3/4	4,974.83	3/4	4,599.64	3/4	4,212.06	3/4	3,824.03	3/4	3,436.01	3/4	3,047.99
3		3		3		3	5,323.34	3	4,967.24	3	4,591.64	3	4,203.97	3	3,815.95	3	3,427.93	3	3,039.91
1/4		1/4		1/4		1/4	5,316.09	1/4	4,959.61	1/4	4,583.61	1/4	4,195.89	1/4	3,807.87	1/4	3,419.84	1/4	3,031.82
1/2		1/2		1/2		1/2	5,308.84	1/2	4,951.97	1/2	4,575.59	1/2	4,187.80	1/2	3,799.78	1/2	3,411.76	1/2	3,023.74
3/4		3/4		3/4		3/4	5,301.59	3/4	4,944.33	3/4	4,567.56	3/4	4,179.72	3/4	3,791.70	3/4	3,403.68	3/4	3,015.65
4		4		4		4	5,294.34	4	4,936.69	4	4,559.53	4	4,171.64	4	3,783.61	4	3,395.59	4	3,007.57
1/4		1/4		1/4		1/4	5,287.06	1/4	4,929.00	1/4	4,551.48	1/4	4,163.55	1/4	3,775.53	1/4	3,387.51	1/4	2,999.49
1/2		1/2		1/2		1/2	5,279.78	1/2	4,921.32	1/2	4,543.42	1/2	4,155.47	1/2	3,767.45	1/2	3,379.42	1/2	2,991.40
3/4		3/4		3/4		3/4	5,272.50	3/4	4,913.63	3/4	4,535.36	3/4	4,147.39	3/4	3,759.36	3/4	3,371.34	3/4	2,983.32
5		5		5		5	5,265.22	5	4,905.94	5	4,527.31	5	4,139.30	5	3,751.28	5	3,363.26	5	2,975.23
1/4		1/4		1/4		1/4	5,257.90	1/4	4,898.22	1/4	4,519.23	1/4	4,131.22	1/4	3,743.20	1/4	3,355.17	1/4	2,967.15
1/2		1/2		1/2		1/2	5,250.59	1/2	4,890.50	1/2	4,511.15	1/2	4,123.13	1/2	3,735.11	1/2	3,347.09	1/2	2,959.07
3/4		3/4		3/4		3/4	5,243.28	3/4	4,882.78	3/4	4,503.07	3/4	4,115.05	3/4	3,727.03	3/4	3,339.01	3/4	2,950.98
6		6		6		6	5,235.97	6	4,875.06	6	4,494.99	6	4,106.97	6	3,718.94	6	3,330.92	6	2,942.90
1/4		1/4		1/4		1/4	5,228.63	1/4	4,867.31	1/4	4,486.91	1/4	4,098.88	1/4	3,710.86	1/4	3,322.84	1/4	2,934.82
1/2		1/2		1/2		1/2	5,221.29	1/2	4,859.56	1/2	4,478.82	1/2	4,090.80	1/2	3,702.78	1/2	3,314.75	1/2	2,926.73
3/4		3/4		3/4		3/4	5,213.95	3/4	4,851.81	3/4	4,470.74	3/4	4,082.72	3/4	3,694.69	3/4	3,306.67	3/4	2,918.65
7		7		7	5,557.75	7	5,206.60	7	4,844.06	7	4,462.65	7	4,074.63	7	3,686.61	7	3,298.59	7	2,910.56
1/4		1/4		1/4	5,551.42	1/4	5,199.23	1/4	4,836.28	1/4	4,454.57	1/4	4,066.55	1/4	3,678.53	1/4	3,290.50	1/4	2,902.48
1/2		1/2		1/2	5,545.08	1/2	5,191.86	1/2	4,828.50	1/2	4,446.49	1/2	4,058.46	1/2	3,670.44	1/2	3,282.42	1/2	2,894.40
3/4		3/4		3/4	5,538.75	3/4	5,184.49	3/4	4,820.72	3/4	4,438.40	3/4	4,050.38	3/4	3,662.36	3/4	3,274.34	3/4	2,886.31
8		8		8	5,532.41	8	5,177.11	8	4,812.94	8	4,430.32	8	4,042.30	8	3,654.27	8	3,266.25	8	2,878.23
1/4		1/4		1/4	5,524.87	1/4	5,169.71	1/4	4,805.13	1/4	4,422.24	1/4	4,034.21	1/4	3,646.19	1/4	3,258.17	1/4	2,870.15
1/2		1/2		1/2	5,517.32	1/2	5,162.31	1/2	4,797.32	1/2	4,414.15	1/2	4,026.13	1/2	3,638.11	1/2	3,250.08	1/2	2,862.06
3/4		3/4		3/4	5,509.77	3/4	5,154.90	3/4	4,789.50	3/4	4,406.07	3/4	4,018.04	3/4	3,630.02	3/4	3,242.00	3/4	2,853.98
9		9		9	5,502.23	9	5,147.50	9	4,781.69	9	4,397.98	9	4,009.96	9	3,621.94	9	3,233.92	9	2,845.89
1/4		1/4		1/4	5,494.28	1/4	5,140.07	1/4	4,773.85	1/4	4,389.90	1/4	4,001.88	1/4	3,613.85	1/4	3,225.83	1/4	2,837.81
1/2		1/2		1/2	5,486.33	1/2	5,132.63	1/2	4,766.01	1/2	4,381.82	1/2	3,993.79	1/2	3,605.77	1/2	3,217.75	1/2	2,829.73
3/4		3/4		3/4	5,478.38	3/4	5,125.20	3/4	4,758.17	3/4	4,373.73	3/4	3,985.71	3/4	3,597.69	3/4	3,209.67	3/4	2,821.64
10		10		10	5,470.43	10	5,117.76	10	4,750.32	10	4,365.65	10	3,977.63	10	3,589.60	10	3,201.58	10	2,813.56
1/4		1/4		1/4	5,462.48	1/4	5,110.30	1/4	4,742.45	1/4	4,357.56	1/4	3,969.54	1/4	3,581.52	1/4	3,193.50	1/4	2,805.48
1/2		1/2		1/2	5,454.53	1/2	5,102.84	1/2	4,734.58	1/2	4,349.48	1/2	3,961.46	1/2	3,573.44	1/2	3,185.41	1/2	2,797.39
3/4		3/4		3/4	5,446.59	3/4	5,095.37	3/4	4,726.71	3/4	4,341.40	3/4	3,953.37	3/4	3,565.35	3/4	3,177.33	3/4	2,789.31
11		11		11	5,438.64	11	5,087.91	11	4,718.83	11	4,333.31	11	3,945.29	11	3,557.27	11	3,169.25	11	2,781.22
1/4		1/4		1/4	5,431.14	1/4	5,080.41	1/4	4,710.93	1/4	4,325.23	1/4	3,937.21	1/4	3,549.18	1/4	3,161.16	1/4	2,773.14
1/2		1/2		1/2	5,423.64	1/2	5,072.92	1/2	4,703.03	1/2	4,317.15	1/2	3,929.12	1/2	3,541.10	1/2	3,153.08	1/2	2,765.06
3/4		3/4		3/4	5,416.14	3/4	5,065.42	3/4	4,695.12	3/4	4,309.06	3/4	3,921.04	3/4	3,533.02	3/4	3,144.99	3/4	2,756.97

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" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 29188"

2 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

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	2,748.89	0	2,360.81	0	1,972.67	0	1,584.54	0	1,196.41	0	808.50	0	420.87	0	35.45	0		0	
1/4	2,740.80	1/4	2,352.72	1/4	1,964.59	1/4	1,576.45	1/4	1,188.32	1/4	800.44	1/4	412.79	1/4	30.06	1/4		1/4	
1/2	2,732.72	1/2	2,344.63	1/2	1,956.50	1/2	1,568.37	1/2	1,180.24	1/2	792.37	1/2	404.70	1/2	24.67	1/2		1/2	
3/4	2,724.64	3/4	2,336.55	3/4	1,948.42	3/4	1,560.28	3/4	1,172.15	3/4	784.31	3/4	396.62	3/4	19.28	3/4		3/4	
1	2,716.55	1	2,328.46	1	1,940.33	1	1,552.20	1	1,164.06	1	776.25	1	388.53	1	13.89	1		1	
1/4	2,708.47	1/4	2,320.38	1/4	1,932.24	1/4	1,544.11	1/4	1,155.98	1/4	768.18	1/4	380.44	1/4		1/4		1/4	
1/2	2,700.39	1/2	2,312.29	1/2	1,924.16	1/2	1,536.02	1/2	1,147.89	1/2	760.12	1/2	372.36	1/2		1/2		1/2	
3/4	2,692.30	3/4	2,304.20	3/4	1,916.07	3/4	1,527.94	3/4	1,139.81	3/4	752.06	3/4	364.27	3/4		3/4		3/4	
2	2,684.22	2	2,296.12	2	1,907.98	2	1,519.85	2	1,131.72	2	743.99	2	356.19	2		2		2	
1/4	2,676.13	1/4	2,288.03	1/4	1,899.90	1/4	1,511.77	1/4	1,123.63	1/4	735.93	1/4	348.10	1/4		1/4		1/4	
1/2	2,668.05	1/2	2,279.95	1/2	1,891.81	1/2	1,503.68	1/2	1,115.55	1/2	727.87	1/2	340.02	1/2		1/2		1/2	
3/4	2,659.97	3/4	2,271.86	3/4	1,883.73	3/4	1,495.59	3/4	1,107.46	3/4	719.80	3/4	331.93	3/4		3/4		3/4	
3	2,651.88	3	2,263.77	3	1,875.64	3	1,487.51	3	1,099.37	3	711.74	3	323.84	3		3		3	
1/4	2,643.80	1/4	2,255.69	1/4	1,867.55	1/4	1,479.42	1/4	1,091.29	1/4	703.68	1/4	315.76	1/4		1/4		1/4	
1/2	2,635.72	1/2	2,247.60	1/2	1,859.47	1/2	1,471.34	1/2	1,083.20	1/2	695.61	1/2	307.67	1/2		1/2		1/2	
3/4	2,627.63	3/4	2,239.51	3/4	1,851.38	3/4	1,463.25	3/4	1,075.12	3/4	687.55	3/4	299.59	3/4		3/4		3/4	
4	2,619.55	4	2,231.43	4	1,843.30	4	1,455.16	4	1,067.03	4	679.49	4	291.50	4		4		4	
1/4	2,611.46	1/4	2,223.34	1/4	1,835.21	1/4	1,447.08	1/4	1,058.94	1/4	671.42	1/4	283.41	1/4		1/4		1/4	
1/2	2,603.38	1/2	2,215.26	1/2	1,827.12	1/2	1,438.99	1/2	1,050.86	1/2	663.36	1/2	275.33	1/2		1/2		1/2	
3/4	2,595.30	3/4	2,207.17	3/4	1,819.04	3/4	1,430.90	3/4	1,042.77	3/4	655.30	3/4	267.24	3/4		3/4		3/4	
5	2,587.21	5	2,199.08	5	1,810.95	5	1,422.82	5	1,034.69	5	647.23	5	259.16	5		5		5	
1/4	2,579.13	1/4	2,191.00	1/4	1,802.87	1/4	1,414.73	1/4	1,026.60	1/4	639.16	1/4	251.07	1/4		1/4		1/4	
1/2	2,571.04	1/2	2,182.91	1/2	1,794.78	1/2	1,406.65	1/2	1,018.51	1/2	631.08	1/2	242.98	1/2		1/2		1/2	
3/4	2,562.96	3/4	2,174.83	3/4	1,786.69	3/4	1,398.56	3/4	1,010.43	3/4	623.01	3/4	234.90	3/4		3/4		3/4	
6	2,554.87	6	2,166.74	6	1,778.61	6	1,390.47	6	1,002.34	6	614.94	6	226.81	6		6		6	
1/4	2,546.79	1/4	2,158.65	1/4	1,770.52	1/4	1,382.39	1/4	994.26	1/4	606.85	1/4	218.73	1/4		1/4		1/4	
1/2	2,538.70	1/2	2,150.57	1/2	1,762.44	1/2	1,374.30	1/2	986.17	1/2	598.76	1/2	210.64	1/2		1/2		1/2	
3/4	2,530.61	3/4	2,142.48	3/4	1,754.35	3/4	1,366.22	3/4	978.08	3/4	590.68	3/4	202.56	3/4		3/4		3/4	
7	2,522.53	7	2,134.40	7	1,746.26	7	1,358.13	7	970.00	7	582.59	7	194.47	7		7		7	
1/4	2,514.44	1/4	2,126.31	1/4	1,738.18	1/4	1,350.04	1/4	961.91	1/4	574.51	1/4	186.38	1/4		1/4		1/4	
1/2	2,506.36	1/2	2,118.22	1/2	1,730.09	1/2	1,341.96	1/2	953.83	1/2	566.42	1/2	178.30	1/2		1/2		1/2	
3/4	2,498.27	3/4	2,110.14	3/4	1,722.00	3/4	1,333.87	3/4	945.74	3/4	558.33	3/4	170.21	3/4		3/4		3/4	
8	2,490.18	8	2,102.05	8	1,713.92	8	1,325.79	8	937.65	8	550.25	8	162.13	8		8		8	
1/4	2,482.10	1/4	2,093.97	1/4	1,705.83	1/4	1,317.70	1/4	929.57	1/4	542.16	1/4	154.04	1/4		1/4		1/4	
1/2	2,474.01	1/2	2,085.88	1/2	1,697.75	1/2	1,309.61	1/2	921.48	1/2	534.08	1/2	145.95	1/2		1/2		1/2	
3/4	2,465.93	3/4	2,077.79	3/4	1,689.66	3/4	1,301.53	3/4	913.39	3/4	525.99	3/4	137.87	3/4		3/4		3/4	
9	2,457.84	9	2,069.71	9	1,681.57	9	1,293.44	9	905.31	9	517.91	9	129.78	9		9		9	
1/4	2,449.75	1/4	2,061.62	1/4	1,673.49	1/4	1,285.36	1/4	897.23	1/4	509.82	1/4	121.70	1/4		1/4		1/4	
1/2	2,441.67	1/2	2,053.53	1/2	1,665.40	1/2	1,277.27	1/2	889.16	1/2	501.73	1/2	113.61	1/2		1/2		1/2	
3/4	2,433.58	3/4	2,045.45	3/4	1,657.32	3/4	1,269.18	3/4	881.08	3/4	493.65	3/4	105.52	3/4		3/4		3/4	
10	2,425.50	10	2,037.36	10	1,649.23	10	1,261.10	10	873.01	10	485.56	10	97.44	10		10		10	
1/4	2,417.41	1/4	2,029.28	1/4	1,641.14	1/4	1,253.01	1/4	864.94	1/4	477.48	1/4	89.35	1/4		1/4		1/4	
1/2	2,409.32	1/2	2,021.19	1/2	1,633.06	1/2	1,244.92	1/2	856.88	1/2	469.39	1/2	81.27	1/2		1/2		1/2	
3/4	2,401.24	3/4	2,013.10	3/4	1,624.97	3/4	1,236.84	3/4	848.82	3/4	461.30	3/4	73.18	3/4		3/4		3/4	
11	2,393.15	11	2,005.02	11	1,616.89	11	1,228.75	11	840.75	11	453.22	11	65.09	11		11		11	
1/4	2,385.06	1/4	1,996.93	1/4	1,608.80	1/4	1,220.67	1/4	832.69	1/4	445.13	1/4	57.68	1/4		1/4		1/4	
1/2	2,376.98	1/2	1,988.85	1/2	1,600.71	1/2	1,212.58	1/2	824.63	1/2	437.05	1/2	50.27	1/2		1/2		1/2	
3/4	2,368.89	3/4	1,980.76	3/4	1,592.63	3/4	1,204.49	3/4	816.56	3/4	428.96	3/4	42.86	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.
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<http://www.pmacorp.net>



BARGE "KIRBY 29188"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

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	5,388.96	0	5,038.50	0	4,668.09	0	4,282.20	0	3,894.51	0	3,506.83	0	3,119.15
1/4		1/4		1/4		1/4	5,381.91	1/4	5,030.98	1/4	4,660.16	1/4	4,274.12	1/4	3,886.44	1/4	3,498.76	1/4	3,111.07
1/2		1/2		1/2		1/2	5,374.85	1/2	5,023.46	1/2	4,652.24	1/2	4,266.04	1/2	3,878.36	1/2	3,490.68	1/2	3,103.00
3/4		3/4		3/4		3/4	5,367.79	3/4	5,015.94	3/4	4,644.31	3/4	4,257.97	3/4	3,870.28	3/4	3,482.60	3/4	3,094.92
1		1		1		1	5,360.73	1	5,008.42	1	4,636.38	1	4,249.89	1	3,862.21	1	3,474.53	1	3,086.84
1/4		1/4		1/4		1/4	5,353.64	1/4	5,000.86	1/4	4,628.42	1/4	4,241.81	1/4	3,854.13	1/4	3,466.45	1/4	3,078.77
1/2		1/2		1/2		1/2	5,346.55	1/2	4,993.31	1/2	4,620.47	1/2	4,233.74	1/2	3,846.05	1/2	3,458.37	1/2	3,070.69
3/4		3/4		3/4		3/4	5,339.47	3/4	4,985.76	3/4	4,612.51	3/4	4,225.66	3/4	3,837.98	3/4	3,450.30	3/4	3,062.61
2		2		2		2	5,332.38	2	4,978.21	2	4,604.55	2	4,217.58	2	3,829.90	2	3,442.22	2	3,054.54
1/4		1/4		1/4		1/4	5,325.21	1/4	4,970.63	1/4	4,596.56	1/4	4,209.51	1/4	3,821.82	1/4	3,434.14	1/4	3,046.46
1/2		1/2		1/2		1/2	5,318.04	1/2	4,963.05	1/2	4,588.57	1/2	4,201.43	1/2	3,813.75	1/2	3,426.07	1/2	3,038.38
3/4		3/4		3/4		3/4	5,310.88	3/4	4,955.47	3/4	4,580.58	3/4	4,193.35	3/4	3,805.67	3/4	3,417.99	3/4	3,030.31
3		3		3		3	5,303.71	3	4,947.89	3	4,572.60	3	4,185.28	3	3,797.59	3	3,409.91	3	3,022.23
1/4		1/4		1/4		1/4	5,296.47	1/4	4,940.25	1/4	4,564.58	1/4	4,177.20	1/4	3,789.52	1/4	3,401.84	1/4	3,014.15
1/2		1/2		1/2		1/2	5,289.22	1/2	4,932.62	1/2	4,556.56	1/2	4,169.12	1/2	3,781.44	1/2	3,393.76	1/2	3,006.08
3/4		3/4		3/4		3/4	5,281.98	3/4	4,924.99	3/4	4,548.54	3/4	4,161.05	3/4	3,773.36	3/4	3,385.68	3/4	2,998.00
4		4		4		4	5,274.73	4	4,917.36	4	4,540.52	4	4,152.97	4	3,765.29	4	3,377.61	4	2,989.92
1/4		1/4		1/4		1/4	5,267.46	1/4	4,909.68	1/4	4,532.47	1/4	4,144.89	1/4	3,757.21	1/4	3,369.53	1/4	2,981.85
1/2		1/2		1/2		1/2	5,260.18	1/2	4,901.99	1/2	4,524.42	1/2	4,136.82	1/2	3,749.13	1/2	3,361.45	1/2	2,973.77
3/4		3/4		3/4		3/4	5,252.91	3/4	4,894.31	3/4	4,516.37	3/4	4,128.74	3/4	3,741.06	3/4	3,353.38	3/4	2,965.69
5		5		5		5	5,245.63	5	4,886.63	5	4,508.32	5	4,120.66	5	3,732.98	5	3,345.30	5	2,957.62
1/4		1/4		1/4		1/4	5,238.33	1/4	4,878.92	1/4	4,500.25	1/4	4,112.59	1/4	3,724.90	1/4	3,337.22	1/4	2,949.54
1/2		1/2		1/2		1/2	5,231.02	1/2	4,871.20	1/2	4,492.18	1/2	4,104.51	1/2	3,716.83	1/2	3,329.15	1/2	2,941.46
3/4		3/4		3/4		3/4	5,223.71	3/4	4,863.49	3/4	4,484.11	3/4	4,096.43	3/4	3,708.75	3/4	3,321.07	3/4	2,933.39
6		6		6		6	5,216.41	6	4,855.78	6	4,476.04	6	4,088.36	6	3,700.67	6	3,312.99	6	2,925.31
1/4		1/4		1/4		1/4	5,209.07	1/4	4,848.03	1/4	4,467.96	1/4	4,080.28	1/4	3,692.60	1/4	3,304.92	1/4	2,917.23
1/2		1/2		1/2		1/2	5,201.74	1/2	4,840.29	1/2	4,459.88	1/2	4,072.20	1/2	3,684.52	1/2	3,296.84	1/2	2,909.16
3/4		3/4		3/4		3/4	5,194.40	3/4	4,832.55	3/4	4,451.81	3/4	4,064.13	3/4	3,676.44	3/4	3,288.76	3/4	2,901.08
7		7		7	5,537.94	7	5,187.06	7	4,824.80	7	4,443.73	7	4,056.05	7	3,668.37	7	3,280.69	7	2,893.00
1/4		1/4		1/4	5,531.61	1/4	5,179.70	1/4	4,817.03	1/4	4,435.65	1/4	4,047.97	1/4	3,660.29	1/4	3,272.61	1/4	2,884.93
1/2		1/2		1/2	5,525.28	1/2	5,172.33	1/2	4,809.25	1/2	4,427.58	1/2	4,039.90	1/2	3,652.21	1/2	3,264.53	1/2	2,876.85
3/4		3/4		3/4	5,518.95	3/4	5,164.96	3/4	4,801.48	3/4	4,419.50	3/4	4,031.82	3/4	3,644.14	3/4	3,256.46	3/4	2,868.77
8		8		8	5,512.63	8	5,157.59	8	4,793.70	8	4,411.42	8	4,023.74	8	3,636.06	8	3,248.38	8	2,860.70
1/4		1/4		1/4	5,505.09	1/4	5,150.20	1/4	4,785.90	1/4	4,403.35	1/4	4,015.67	1/4	3,627.98	1/4	3,240.30	1/4	2,852.62
1/2		1/2		1/2	5,497.55	1/2	5,142.80	1/2	4,778.10	1/2	4,395.27	1/2	4,007.59	1/2	3,619.91	1/2	3,232.23	1/2	2,844.54
3/4		3/4		3/4	5,490.01	3/4	5,135.40	3/4	4,770.29	3/4	4,387.19	3/4	3,999.51	3/4	3,611.83	3/4	3,224.15	3/4	2,836.47
9		9		9	5,482.47	9	5,128.00	9	4,762.49	9	4,379.12	9	3,991.44	9	3,603.75	9	3,216.07	9	2,828.39
1/4		1/4		1/4	5,474.53	1/4	5,120.58	1/4	4,754.65	1/4	4,371.04	1/4	3,983.36	1/4	3,595.68	1/4	3,208.00	1/4	2,820.31
1/2		1/2		1/2	5,466.58	1/2	5,113.15	1/2	4,746.81	1/2	4,362.96	1/2	3,975.28	1/2	3,587.60	1/2	3,199.92	1/2	2,812.24
3/4		3/4		3/4	5,458.64	3/4	5,105.72	3/4	4,738.98	3/4	4,354.89	3/4	3,967.21	3/4	3,579.52	3/4	3,191.84	3/4	2,804.16
10		10		10	5,450.70	10	5,098.29	10	4,731.14	10	4,346.81	10	3,959.13	10	3,571.45	10	3,183.77	10	2,796.08
1/4		1/4		1/4	5,442.76	1/4	5,090.83	1/4	4,723.28	1/4	4,338.73	1/4	3,951.05	1/4	3,563.37	1/4	3,175.69	1/4	2,788.01
1/2		1/2		1/2	5,434.82	1/2	5,083.37	1/2	4,715.41	1/2	4,330.66	1/2	3,942.98	1/2	3,555.29	1/2	3,167.61	1/2	2,779.93
3/4		3/4		3/4	5,426.87	3/4	5,075.91	3/4	4,707.54	3/4	4,322.58	3/4	3,934.90	3/4	3,547.22	3/4	3,159.54	3/4	2,771.85
11		11		11	5,418.93	11	5,068.45	11	4,699.68	11	4,314.50	11	3,926.82	11	3,539.14	11	3,151.46	11	2,763.78
1/4		1/4		1/4	5,411.44	1/4	5,060.96	1/4	4,691.78	1/4	4,306.43	1/4	3,918.74	1/4	3,531.06	1/4	3,143.38	1/4	2,755.70
1/2		1/2		1/2	5,403.95	1/2	5,053.48	1/2	4,683.89	1/2	4,298.35	1/2	3,910.67	1/2	3,522.99	1/2	3,135.31	1/2	2,747.62
3/4		3/4		3/4	5,396.46	3/4	5,045.99	3/4	4,675.99	3/4	4,290.27	3/4	3,902.59	3/4	3,514.91	3/4	3,127.23	3/4	2,739.55

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 GAUGING DEVICE".

GAUGE POINT: (HERMETIC) LOCATED 11'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29188"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

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	2,731.47	0	2,343.74	0	1,955.95	0	1,568.16	0	1,180.37	0	800.92	0	420.50	0	35.42	0			
1/4	2,723.39	1/4	2,335.66	1/4	1,947.87	1/4	1,560.08	1/4	1,172.30	1/4	793.18	1/4	412.42	1/4	30.03	1/4			
1/2	2,715.32	1/2	2,327.58	1/2	1,939.79	1/2	1,552.00	1/2	1,164.22	1/2	785.44	1/2	404.34	1/2	24.65	1/2			
3/4	2,707.24	3/4	2,319.50	3/4	1,931.71	3/4	1,543.92	3/4	1,156.14	3/4	777.69	3/4	396.26	3/4	19.26	3/4			
1	2,699.16	1	2,311.42	1	1,923.63	1	1,535.85	1	1,148.06	1	769.95	1	388.18	1	13.87	1			
1/4	2,691.09	1/4	2,303.34	1/4	1,915.55	1/4	1,527.77	1/4	1,139.98	1/4	762.20	1/4	380.11	1/4		1/4			
1/2	2,683.01	1/2	2,295.26	1/2	1,907.48	1/2	1,519.69	1/2	1,131.90	1/2	754.46	1/2	372.03	1/2		1/2			
3/4	2,674.93	3/4	2,287.18	3/4	1,899.40	3/4	1,511.61	3/4	1,123.82	3/4	746.71	3/4	363.95	3/4		3/4			
2	2,666.86	2	2,279.10	2	1,891.32	2	1,503.53	2	1,115.74	2	738.97	2	355.87	2		2			
1/4	2,658.78	1/4	2,271.03	1/4	1,883.24	1/4	1,495.45	1/4	1,107.66	1/4	731.22	1/4	347.79	1/4		1/4			
1/2	2,650.70	1/2	2,262.95	1/2	1,875.16	1/2	1,487.37	1/2	1,099.59	1/2	723.48	1/2	339.71	1/2		1/2			
3/4	2,642.63	3/4	2,254.87	3/4	1,867.08	3/4	1,479.29	3/4	1,091.51	3/4	715.74	3/4	331.63	3/4		3/4			
3	2,634.55	3	2,246.79	3	1,859.00	3	1,471.21	3	1,083.43	3	707.99	3	323.56	3		3			
1/4	2,626.47	1/4	2,238.71	1/4	1,850.92	1/4	1,463.14	1/4	1,075.35	1/4	700.25	1/4	315.48	1/4		1/4			
1/2	2,618.40	1/2	2,230.63	1/2	1,842.84	1/2	1,455.06	1/2	1,067.27	1/2	692.50	1/2	307.40	1/2		1/2			
3/4	2,610.32	3/4	2,222.55	3/4	1,834.76	3/4	1,446.98	3/4	1,059.19	3/4	684.76	3/4	299.32	3/4		3/4			
4	2,602.24	4	2,214.47	4	1,826.69	4	1,438.90	4	1,051.11	4	677.01	4	291.24	4		4			
1/4	2,594.17	1/4	2,206.39	1/4	1,818.61	1/4	1,430.82	1/4	1,043.03	1/4	669.27	1/4	283.16	1/4		1/4			
1/2	2,586.09	1/2	2,198.32	1/2	1,810.53	1/2	1,422.74	1/2	1,034.95	1/2	661.53	1/2	275.08	1/2		1/2			
3/4	2,578.01	3/4	2,190.24	3/4	1,802.45	3/4	1,414.66	3/4	1,026.87	3/4	653.78	3/4	267.01	3/4		3/4			
5	2,569.94	5	2,182.16	5	1,794.37	5	1,406.58	5	1,018.80	5	646.04	5	258.93	5		5			
1/4	2,561.86	1/4	2,174.08	1/4	1,786.29	1/4	1,398.50	1/4	1,010.87	1/4	638.12	1/4	250.85	1/4		1/4			
1/2	2,553.78	1/2	2,166.00	1/2	1,778.21	1/2	1,390.43	1/2	1,002.95	1/2	630.21	1/2	242.77	1/2		1/2			
3/4	2,545.71	3/4	2,157.92	3/4	1,770.13	3/4	1,382.35	3/4	995.03	3/4	622.30	3/4	234.69	3/4		3/4			
6	2,537.63	6	2,149.84	6	1,762.05	6	1,374.27	6	987.10	6	614.38	6	226.61	6		6			
1/4	2,529.55	1/4	2,141.76	1/4	1,753.98	1/4	1,366.19	1/4	979.34	1/4	606.31	1/4	218.53	1/4		1/4			
1/2	2,521.47	1/2	2,133.68	1/2	1,745.90	1/2	1,358.11	1/2	971.57	1/2	598.23	1/2	210.45	1/2		1/2			
3/4	2,513.39	3/4	2,125.61	3/4	1,737.82	3/4	1,350.03	3/4	963.80	3/4	590.15	3/4	202.38	3/4		3/4			
7	2,505.31	7	2,117.53	7	1,729.74	7	1,341.95	7	956.04	7	582.07	7	194.30	7		7			
1/4	2,497.23	1/4	2,109.45	1/4	1,721.66	1/4	1,333.87	1/4	948.27	1/4	573.99	1/4	186.22	1/4		1/4			
1/2	2,489.16	1/2	2,101.37	1/2	1,713.58	1/2	1,325.79	1/2	940.50	1/2	565.91	1/2	178.14	1/2		1/2			
3/4	2,481.08	3/4	2,093.29	3/4	1,705.50	3/4	1,317.72	3/4	932.74	3/4	557.83	3/4	170.06	3/4		3/4			
8	2,473.00	8	2,085.21	8	1,697.42	8	1,309.64	8	924.97	8	549.76	8	161.98	8		8			
1/4	2,464.92	1/4	2,077.13	1/4	1,689.34	1/4	1,301.56	1/4	917.20	1/4	541.68	1/4	153.90	1/4		1/4			
1/2	2,456.84	1/2	2,069.05	1/2	1,681.27	1/2	1,293.48	1/2	909.43	1/2	533.60	1/2	145.83	1/2		1/2			
3/4	2,448.76	3/4	2,060.97	3/4	1,673.19	3/4	1,285.40	3/4	901.67	3/4	525.52	3/4	137.75	3/4		3/4			
9	2,440.68	9	2,052.90	9	1,665.11	9	1,277.32	9	893.90	9	517.44	9	129.67	9		9			
1/4	2,432.60	1/4	2,044.82	1/4	1,657.03	1/4	1,269.24	1/4	886.15	1/4	509.36	1/4	121.59	1/4		1/4			
1/2	2,424.52	1/2	2,036.74	1/2	1,648.95	1/2	1,261.16	1/2	878.39	1/2	501.28	1/2	113.51	1/2		1/2			
3/4	2,416.45	3/4	2,028.66	3/4	1,640.87	3/4	1,253.08	3/4	870.63	3/4	493.21	3/4	105.43	3/4		3/4			
10	2,408.37	10	2,020.58	10	1,632.79	10	1,245.01	10	862.88	10	485.13	10	97.35	10		10			
1/4	2,400.29	1/4	2,012.50	1/4	1,624.71	1/4	1,236.93	1/4	855.13	1/4	477.05	1/4	89.28	1/4		1/4			
1/2	2,392.21	1/2	2,004.42	1/2	1,616.63	1/2	1,228.85	1/2	847.39	1/2	468.97	1/2	81.20	1/2		1/2			
3/4	2,384.13	3/4	1,996.34	3/4	1,608.56	3/4	1,220.77	3/4	839.65	3/4	460.89	3/4	73.12	3/4		3/4			
11	2,376.05	11	1,988.26	11	1,600.48	11	1,212.69	11	831.90	11	452.81	11	65.04	11		11			
1/4	2,367.97	1/4	1,980.19	1/4	1,592.40	1/4	1,204.61	1/4	824.16	1/4	444.73	1/4	57.63	1/4		1/4			
1/2	2,359.89	1/2	1,972.11	1/2	1,584.32	1/2	1,196.53	1/2	816.41	1/2	436.66	1/2	50.23	1/2		1/2			
3/4	2,351.81	3/4	1,964.03	3/4	1,576.24	3/4	1,188.45	3/4	808.67	3/4	428.58	3/4	42.82	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.
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<http://www.pmacorp.net>



BARGE "KIRBY 29188"

3 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 17'-01"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

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	4,656.16	0	4,417.05	0	4,162.96	0	3,897.67	0	3,631.16	0	3,274.33	0	2,914.13
1/4		1/4		1/4		1/4	4,651.34	1/4	4,411.91	1/4	4,157.51	1/4	3,892.12	1/4	3,624.62	1/4	3,266.83	1/4	2,906.62
1/2		1/2		1/2		1/2	4,646.52	1/2	4,406.78	1/2	4,152.06	1/2	3,886.57	1/2	3,618.08	1/2	3,259.33	1/2	2,899.12
3/4		3/4		3/4		3/4	4,641.70	3/4	4,401.65	3/4	4,146.61	3/4	3,881.01	3/4	3,611.55	3/4	3,251.82	3/4	2,891.62
1		1		1		1	4,636.89	1	4,396.52	1	4,141.16	1	3,875.46	1	3,605.01	1	3,244.32	1	2,884.11
1/4		1/4		1/4		1/4	4,632.05	1/4	4,391.37	1/4	4,135.69	1/4	3,869.91	1/4	3,597.49	1/4	3,236.81	1/4	2,876.61
1/2		1/2		1/2		1/2	4,627.21	1/2	4,386.22	1/2	4,130.22	1/2	3,864.36	1/2	3,589.97	1/2	3,229.31	1/2	2,869.10
3/4		3/4		3/4		3/4	4,622.37	3/4	4,381.06	3/4	4,124.75	3/4	3,858.80	3/4	3,582.45	3/4	3,221.80	3/4	2,861.60
2		2		2		2	4,617.53	2	4,375.91	2	4,119.28	2	3,853.25	2	3,574.93	2	3,214.30	2	2,854.09
1/4		1/4		1/4		1/4	4,612.64	1/4	4,370.74	1/4	4,113.79	1/4	3,847.70	1/4	3,567.41	1/4	3,206.80	1/4	2,846.59
1/2		1/2		1/2		1/2	4,607.75	1/2	4,365.56	1/2	4,108.29	1/2	3,842.15	1/2	3,559.89	1/2	3,199.29	1/2	2,839.08
3/4		3/4		3/4		3/4	4,602.86	3/4	4,360.39	3/4	4,102.80	3/4	3,836.59	3/4	3,552.37	3/4	3,191.79	3/4	2,831.58
3		3		3		3	4,597.97	3	4,355.22	3	4,097.31	3	3,831.04	3	3,544.85	3	3,184.28	3	2,824.08
1/4		1/4		1/4		1/4	4,593.03	1/4	4,349.99	1/4	4,091.80	1/4	3,825.49	1/4	3,537.33	1/4	3,176.78	1/4	2,816.57
1/2		1/2		1/2		1/2	4,588.09	1/2	4,344.76	1/2	4,086.28	1/2	3,819.94	1/2	3,529.81	1/2	3,169.27	1/2	2,809.07
3/4		3/4		3/4		3/4	4,583.15	3/4	4,339.54	3/4	4,080.77	3/4	3,814.38	3/4	3,522.29	3/4	3,161.77	3/4	2,801.56
4		4		4		4	4,578.21	4	4,334.31	4	4,075.26	4	3,808.83	4	3,514.77	4	3,154.27	4	2,794.06
1/4		1/4		1/4		1/4	4,573.25	1/4	4,329.03	1/4	4,069.72	1/4	3,803.28	1/4	3,507.25	1/4	3,146.76	1/4	2,786.55
1/2		1/2		1/2		1/2	4,568.28	1/2	4,323.75	1/2	4,064.19	1/2	3,797.73	1/2	3,499.73	1/2	3,139.26	1/2	2,779.05
3/4		3/4		3/4		3/4	4,563.32	3/4	4,318.47	3/4	4,058.66	3/4	3,792.17	3/4	3,492.20	3/4	3,131.75	3/4	2,771.55
5		5		5		5	4,558.36	5	4,313.18	5	4,053.12	5	3,786.62	5	3,484.68	5	3,124.25	5	2,764.04
1/4		1/4		1/4		1/4	4,553.37	1/4	4,307.88	1/4	4,047.57	1/4	3,781.07	1/4	3,477.16	1/4	3,116.74	1/4	2,756.54
1/2		1/2		1/2		1/2	4,548.39	1/2	4,302.58	1/2	4,042.03	1/2	3,775.52	1/2	3,469.64	1/2	3,109.24	1/2	2,749.03
3/4		3/4		3/4		3/4	4,543.41	3/4	4,297.28	3/4	4,036.48	3/4	3,769.97	3/4	3,462.12	3/4	3,101.74	3/4	2,741.53
6		6		6		6	4,538.42	6	4,291.98	6	4,030.93	6	3,764.41	6	3,454.60	6	3,094.23	6	2,734.02
1/4		1/4		1/4		1/4	4,533.42	1/4	4,286.65	1/4	4,025.38	1/4	3,758.86	1/4	3,447.08	1/4	3,086.73	1/4	2,726.52
1/2		1/2		1/2		1/2	4,528.41	1/2	4,281.33	1/2	4,019.82	1/2	3,753.31	1/2	3,439.56	1/2	3,079.22	1/2	2,719.02
3/4		3/4		3/4		3/4	4,523.41	3/4	4,276.01	3/4	4,014.27	3/4	3,747.76	3/4	3,432.04	3/4	3,071.72	3/4	2,711.51
7		7		7	4,755.92	7	4,518.40	7	4,270.69	7	4,008.72	7	3,742.20	7	3,424.52	7	3,064.21	7	2,704.01
1/4		1/4		1/4	4,752.00	1/4	4,513.38	1/4	4,265.34	1/4	4,003.17	1/4	3,736.65	1/4	3,417.00	1/4	3,056.71	1/4	2,696.50
1/2		1/2		1/2	4,748.08	1/2	4,508.35	1/2	4,260.00	1/2	3,997.61	1/2	3,731.10	1/2	3,409.48	1/2	3,049.21	1/2	2,689.00
3/4		3/4		3/4	4,744.15	3/4	4,503.33	3/4	4,254.65	3/4	3,992.06	3/4	3,725.55	3/4	3,401.96	3/4	3,041.70	3/4	2,681.49
8		8		8	4,740.23	8	4,498.30	8	4,249.31	8	3,986.51	8	3,719.99	8	3,394.44	8	3,034.20	8	2,673.99
1/4		1/4		1/4	4,735.18	1/4	4,493.25	1/4	4,243.94	1/4	3,980.96	1/4	3,714.44	1/4	3,386.93	1/4	3,026.69	1/4	2,666.49
1/2		1/2		1/2	4,730.13	1/2	4,488.21	1/2	4,238.58	1/2	3,975.40	1/2	3,708.89	1/2	3,379.41	1/2	3,019.19	1/2	2,658.98
3/4		3/4		3/4	4,725.08	3/4	4,483.16	3/4	4,233.21	3/4	3,969.85	3/4	3,703.34	3/4	3,371.90	3/4	3,011.68	3/4	2,651.48
9		9		9	4,720.03	9	4,478.11	9	4,227.85	9	3,964.30	9	3,697.78	9	3,364.39	9	3,004.18	9	2,643.97
1/4		1/4		1/4	4,714.61	1/4	4,473.05	1/4	4,222.46	1/4	3,958.75	1/4	3,692.23	1/4	3,356.88	1/4	2,996.68	1/4	2,636.47
1/2		1/2		1/2	4,709.18	1/2	4,467.98	1/2	4,217.08	1/2	3,953.19	1/2	3,686.68	1/2	3,349.38	1/2	2,989.17	1/2	2,628.96
3/4		3/4		3/4	4,703.75	3/4	4,462.91	3/4	4,211.69	3/4	3,947.64	3/4	3,681.13	3/4	3,341.87	3/4	2,981.67	3/4	2,621.46
10		10		10	4,698.33	10	4,457.84	10	4,206.30	10	3,942.09	10	3,675.57	10	3,334.37	10	2,974.16	10	2,613.96
1/4		1/4		1/4	4,692.90	1/4	4,452.75	1/4	4,200.89	1/4	3,936.54	1/4	3,670.02	1/4	3,326.86	1/4	2,966.66	1/4	2,606.45
1/2		1/2		1/2	4,687.48	1/2	4,447.66	1/2	4,195.49	1/2	3,930.98	1/2	3,664.47	1/2	3,319.36	1/2	2,959.15	1/2	2,598.95
3/4		3/4		3/4	4,682.05	3/4	4,442.58	3/4	4,190.08	3/4	3,925.43	3/4	3,658.92	3/4	3,311.86	3/4	2,951.65	3/4	2,591.44
11		11		11	4,676.62	11	4,437.49	11	4,184.67	11	3,919.88	11	3,653.36	11	3,304.35	11	2,944.15	11	2,583.94
1/4		1/4		1/4	4,671.51	1/4	4,432.38	1/4	4,179.24	1/4	3,914.33	1/4	3,647.81	1/4	3,296.85	1/4	2,936.64	1/4	2,576.43
1/2		1/2		1/2	4,666.39	1/2	4,427.27	1/2	4,173.82	1/2	3,908.78	1/2	3,642.26	1/2	3,289.34	1/2	2,929.14	1/2	2,568.93
3/4		3/4		3/4	4,661.27	3/4	4,422.16	3/4	4,168.39	3/4	3,903.22	3/4	3,636.71	3/4	3,281.84	3/4	2,921.63	3/4	2,561.43

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" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 29188"

3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-01"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,553.92	0	2,193.67	0	1,833.12	0	1,472.56	0	1,111.95	0	751.93	0	391.46	0	33.00	0		0	
1/4	2,546.42	1/4	2,186.16	1/4	1,825.60	1/4	1,465.05	1/4	1,104.45	1/4	744.43	1/4	383.94	1/4	27.99	1/4		1/4	
1/2	2,538.91	1/2	2,178.65	1/2	1,818.09	1/2	1,457.54	1/2	1,096.96	1/2	736.93	1/2	376.42	1/2	22.97	1/2		1/2	
3/4	2,531.41	3/4	2,171.14	3/4	1,810.58	3/4	1,450.02	3/4	1,089.47	3/4	729.44	3/4	368.90	3/4	17.96	3/4		3/4	
1	2,523.90	1	2,163.63	1	1,803.07	1	1,442.51	1	1,081.98	1	721.94	1	361.38	1	12.94	1		1	
1/4	2,516.40	1/4	2,156.12	1/4	1,795.56	1/4	1,435.00	1/4	1,074.49	1/4	714.44	1/4	353.86	1/4		1/4		1/4	
1/2	2,508.90	1/2	2,148.60	1/2	1,788.05	1/2	1,427.49	1/2	1,066.99	1/2	706.94	1/2	346.34	1/2		1/2		1/2	
3/4	2,501.39	3/4	2,141.09	3/4	1,780.54	3/4	1,419.98	3/4	1,059.50	3/4	699.45	3/4	338.82	3/4		3/4		3/4	
2	2,493.89	2	2,133.58	2	1,773.02	2	1,412.47	2	1,052.01	2	691.95	2	331.30	2		2		2	
1/4	2,486.38	1/4	2,126.07	1/4	1,765.51	1/4	1,404.96	1/4	1,044.52	1/4	684.45	1/4	323.78	1/4		1/4		1/4	
1/2	2,478.88	1/2	2,118.56	1/2	1,758.00	1/2	1,397.44	1/2	1,037.02	1/2	676.95	1/2	316.26	1/2		1/2		1/2	
3/4	2,471.37	3/4	2,111.05	3/4	1,750.49	3/4	1,389.93	3/4	1,029.53	3/4	669.46	3/4	308.74	3/4		3/4		3/4	
3	2,463.87	3	2,103.53	3	1,742.98	3	1,382.42	3	1,022.04	3	661.96	3	301.22	3		3		3	
1/4	2,456.37	1/4	2,096.02	1/4	1,735.47	1/4	1,374.91	1/4	1,014.55	1/4	654.46	1/4	293.70	1/4		1/4		1/4	
1/2	2,448.86	1/2	2,088.51	1/2	1,727.95	1/2	1,367.40	1/2	1,007.06	1/2	646.96	1/2	286.18	1/2		1/2		1/2	
3/4	2,441.36	3/4	2,081.00	3/4	1,720.44	3/4	1,359.89	3/4	999.56	3/4	639.46	3/4	278.66	3/4		3/4		3/4	
4	2,433.85	4	2,073.49	4	1,712.93	4	1,352.37	4	992.07	4	631.97	4	271.14	4		4		4	
1/4	2,426.35	1/4	2,065.98	1/4	1,705.42	1/4	1,344.86	1/4	984.58	1/4	624.47	1/4	263.62	1/4		1/4		1/4	
1/2	2,418.84	1/2	2,058.46	1/2	1,697.91	1/2	1,337.34	1/2	977.09	1/2	616.97	1/2	256.10	1/2		1/2		1/2	
3/4	2,411.34	3/4	2,050.95	3/4	1,690.40	3/4	1,329.83	3/4	969.60	3/4	609.47	3/4	248.58	3/4		3/4		3/4	
5	2,403.84	5	2,043.44	5	1,682.88	5	1,322.31	5	962.10	5	601.98	5	241.06	5		5		5	
1/4	2,396.33	1/4	2,035.93	1/4	1,675.37	1/4	1,314.79	1/4	954.61	1/4	594.47	1/4	233.54	1/4		1/4		1/4	
1/2	2,388.83	1/2	2,028.42	1/2	1,667.86	1/2	1,307.28	1/2	947.12	1/2	586.96	1/2	226.02	1/2		1/2		1/2	
3/4	2,381.32	3/4	2,020.91	3/4	1,660.35	3/4	1,299.76	3/4	939.63	3/4	579.45	3/4	218.50	3/4		3/4		3/4	
6	2,373.82	6	2,013.39	6	1,652.84	6	1,292.24	6	932.14	6	571.94	6	210.98	6		6		6	
1/4	2,366.31	1/4	2,005.88	1/4	1,645.33	1/4	1,284.72	1/4	924.63	1/4	564.42	1/4	203.46	1/4		1/4		1/4	
1/2	2,358.81	1/2	1,998.37	1/2	1,637.81	1/2	1,277.20	1/2	917.12	1/2	556.90	1/2	195.94	1/2		1/2		1/2	
3/4	2,351.31	3/4	1,990.86	3/4	1,630.30	3/4	1,269.68	3/4	909.62	3/4	549.38	3/4	188.42	3/4		3/4		3/4	
7	2,343.80	7	1,983.35	7	1,622.79	7	1,262.16	7	902.11	7	541.86	7	180.90	7		7		7	
1/4	2,336.30	1/4	1,975.84	1/4	1,615.28	1/4	1,254.64	1/4	894.59	1/4	534.34	1/4	173.38	1/4		1/4		1/4	
1/2	2,328.79	1/2	1,968.33	1/2	1,607.77	1/2	1,247.12	1/2	887.07	1/2	526.82	1/2	165.86	1/2		1/2		1/2	
3/4	2,321.29	3/4	1,960.81	3/4	1,600.26	3/4	1,239.61	3/4	879.55	3/4	519.30	3/4	158.34	3/4		3/4		3/4	
8	2,313.78	8	1,953.30	8	1,592.75	8	1,232.09	8	872.03	8	511.78	8	150.82	8		8		8	
1/4	2,306.28	1/4	1,945.79	1/4	1,585.23	1/4	1,224.57	1/4	864.51	1/4	504.26	1/4	143.30	1/4		1/4		1/4	
1/2	2,298.78	1/2	1,938.28	1/2	1,577.72	1/2	1,217.05	1/2	856.99	1/2	496.74	1/2	135.77	1/2		1/2		1/2	
3/4	2,291.27	3/4	1,930.77	3/4	1,570.21	3/4	1,209.53	3/4	849.47	3/4	489.22	3/4	128.25	3/4		3/4		3/4	
9	2,283.77	9	1,923.26	9	1,562.70	9	1,202.01	9	841.95	9	481.70	9	120.73	9		9		9	
1/4	2,276.26	1/4	1,915.74	1/4	1,555.19	1/4	1,194.49	1/4	834.44	1/4	474.18	1/4	113.21	1/4		1/4		1/4	
1/2	2,268.76	1/2	1,908.23	1/2	1,547.68	1/2	1,186.97	1/2	826.93	1/2	466.66	1/2	105.69	1/2		1/2		1/2	
3/4	2,261.25	3/4	1,900.72	3/4	1,540.16	3/4	1,179.46	3/4	819.42	3/4	459.14	3/4	98.17	3/4		3/4		3/4	
10	2,253.75	10	1,893.21	10	1,532.65	10	1,171.94	10	811.91	10	451.62	10	90.65	10		10		10	
1/4	2,246.24	1/4	1,885.70	1/4	1,525.14	1/4	1,164.43	1/4	804.41	1/4	444.10	1/4	83.13	1/4		1/4		1/4	
1/2	2,238.73	1/2	1,878.19	1/2	1,517.63	1/2	1,156.93	1/2	796.91	1/2	436.58	1/2	75.61	1/2		1/2		1/2	
3/4	2,231.23	3/4	1,870.67	3/4	1,510.12	3/4	1,149.42	3/4	789.42	3/4	429.06	3/4	68.09	3/4		3/4		3/4	
11	2,223.72	11	1,863.16	11	1,502.61	11	1,141.91	11	781.92	11	421.54	11	60.57	11		11		11	
1/4	2,216.21	1/4	1,855.65	1/4	1,495.09	1/4	1,134.42	1/4	774.42	1/4	414.02	1/4	53.68	1/4		1/4		1/4	
1/2	2,208.70	1/2	1,848.14	1/2	1,487.58	1/2	1,126.93	1/2	766.92	1/2	406.50	1/2	46.79	1/2		1/2		1/2	
3/4	2,201.18	3/4	1,840.63	3/4	1,480.07	3/4	1,119.44	3/4	759.43	3/4	398.98	3/4	39.89	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 29188"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

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	4,661.19	0	4,420.83	0	4,165.79	0	3,899.34	0	3,631.54	0	3,275.44	0	2,914.01
1/4		1/4		1/4		1/4	4,656.05	1/4	4,415.69	1/4	4,160.34	1/4	3,893.76	1/4	3,625.96	1/4	3,267.91	1/4	2,906.48
1/2		1/2		1/2		1/2	4,651.20	1/2	4,410.53	1/2	4,154.86	1/2	3,888.18	1/2	3,619.39	1/2	3,260.38	1/2	2,898.95
3/4		3/4		3/4		3/4	4,646.36	3/4	4,405.38	3/4	4,149.38	3/4	3,882.60	3/4	3,612.83	3/4	3,252.85	3/4	2,891.42
1		1		1		1	4,641.52	1	4,400.22	1	4,143.91	1	3,877.02	1	3,606.26	1	3,245.32	1	2,883.89
1/4		1/4		1/4		1/4	4,636.68	1/4	4,395.06	1/4	4,138.43	1/4	3,871.44	1/4	3,599.70	1/4	3,237.79	1/4	2,876.37
1/2		1/2		1/2		1/2	4,631.81	1/2	4,389.88	1/2	4,132.93	1/2	3,865.86	1/2	3,592.15	1/2	3,230.26	1/2	2,868.84
3/4		3/4		3/4		3/4	4,626.95	3/4	4,384.71	3/4	4,127.44	3/4	3,860.28	3/4	3,584.60	3/4	3,222.73	3/4	2,861.31
2		2		2		2	4,622.08	2	4,379.53	2	4,121.94	2	3,854.70	2	3,577.05	2	3,215.20	2	2,853.78
1/4		1/4		1/4		1/4	4,617.22	1/4	4,374.35	1/4	4,116.44	1/4	3,849.13	1/4	3,569.50	1/4	3,207.67	1/4	2,846.25
1/2		1/2		1/2		1/2	4,612.30	1/2	4,369.15	1/2	4,110.92	1/2	3,843.55	1/2	3,561.95	1/2	3,200.14	1/2	2,838.72
3/4		3/4		3/4		3/4	4,607.39	3/4	4,363.95	3/4	4,105.41	3/4	3,837.97	3/4	3,554.40	3/4	3,192.61	3/4	2,831.19
3		3		3		3	4,602.47	3	4,358.75	3	4,099.89	3	3,832.39	3	3,546.84	3	3,185.08	3	2,823.66
1/4		1/4		1/4		1/4	4,597.56	1/4	4,353.55	1/4	4,094.37	1/4	3,826.81	1/4	3,539.29	1/4	3,177.55	1/4	2,816.13
1/2		1/2		1/2		1/2	4,592.59	1/2	4,348.30	1/2	4,088.83	1/2	3,821.23	1/2	3,531.74	1/2	3,170.02	1/2	2,808.60
3/4		3/4		3/4		3/4	4,587.62	3/4	4,343.04	3/4	4,083.29	3/4	3,815.65	3/4	3,524.19	3/4	3,162.49	3/4	2,801.07
4		4		4		4	4,582.65	4	4,337.79	4	4,077.75	4	3,810.07	4	3,516.64	4	3,154.96	4	2,793.54
1/4		1/4		1/4		1/4	4,577.69	1/4	4,332.54	1/4	4,072.21	1/4	3,804.49	1/4	3,509.09	1/4	3,147.43	1/4	2,786.01
1/2		1/2		1/2		1/2	4,572.70	1/2	4,327.23	1/2	4,066.65	1/2	3,798.91	1/2	3,501.54	1/2	3,139.90	1/2	2,778.48
3/4		3/4		3/4		3/4	4,567.71	3/4	4,321.92	3/4	4,061.09	3/4	3,793.33	3/4	3,493.99	3/4	3,132.37	3/4	2,770.95
5		5		5		5	4,562.72	5	4,316.61	5	4,055.53	5	3,787.75	5	3,486.44	5	3,124.85	5	2,763.42
1/4		1/4		1/4		1/4	4,557.73	1/4	4,311.31	1/4	4,049.97	1/4	3,782.18	1/4	3,478.89	1/4	3,117.32	1/4	2,755.89
1/2		1/2		1/2		1/2	4,552.72	1/2	4,305.98	1/2	4,044.39	1/2	3,776.60	1/2	3,471.35	1/2	3,109.79	1/2	2,748.36
3/4		3/4		3/4		3/4	4,547.71	3/4	4,300.65	3/4	4,038.81	3/4	3,771.02	3/4	3,463.80	3/4	3,102.26	3/4	2,740.83
6		6		6		6	4,542.71	6	4,295.32	6	4,033.24	6	3,765.44	6	3,456.26	6	3,094.73	6	2,733.30
1/4		1/4		1/4		1/4	4,537.70	1/4	4,289.99	1/4	4,027.66	1/4	3,759.86	1/4	3,448.71	1/4	3,087.20	1/4	2,725.77
1/2		1/2		1/2		1/2	4,532.66	1/2	4,284.64	1/2	4,022.08	1/2	3,754.28	1/2	3,441.17	1/2	3,079.67	1/2	2,718.24
3/4		3/4		3/4		3/4	4,527.63	3/4	4,279.29	3/4	4,016.50	3/4	3,748.70	3/4	3,433.64	3/4	3,072.14	3/4	2,710.71
7		7		7		7	4,522.60	7	4,273.94	7	4,010.92	7	3,743.12	7	3,426.10	7	3,064.61	7	2,703.18
1/4		1/4		1/4		1/4	4,756.32	1/4	4,517.57	1/4	4,268.60	1/4	4,005.34	1/4	3,737.54	1/4	3,418.56	1/4	2,695.65
1/2		1/2		1/2		1/2	4,752.38	1/2	4,512.52	1/2	4,263.22	1/2	3,999.76	1/2	3,731.96	1/2	3,411.02	1/2	2,688.12
3/4		3/4		3/4		3/4	4,748.43	3/4	4,507.47	3/4	4,257.85	3/4	3,994.18	3/4	3,726.38	3/4	3,403.48	3/4	2,680.60
8		8		8		8	4,744.49	8	4,502.42	8	4,252.48	8	3,988.61	8	3,720.80	8	3,395.94	8	2,673.07
1/4		1/4		1/4		1/4	4,740.54	1/4	4,497.37	1/4	4,247.11	1/4	3,983.03	1/4	3,715.22	1/4	3,388.40	1/4	2,665.54
1/2		1/2		1/2		1/2	4,735.47	1/2	4,492.29	1/2	4,241.72	1/2	3,977.45	1/2	3,709.65	1/2	3,380.87	1/2	2,658.01
3/4		3/4		3/4		3/4	4,730.39	3/4	4,487.22	3/4	4,236.33	3/4	3,971.87	3/4	3,704.07	3/4	3,373.33	3/4	2,650.48
9		9		9		9	4,725.32	9	4,482.15	9	4,230.94	9	3,966.29	9	3,698.49	9	3,365.80	9	2,642.96
1/4		1/4		1/4		1/4	4,720.24	1/4	4,477.07	1/4	4,225.55	1/4	3,960.71	1/4	3,692.91	1/4	3,358.27	1/4	2,635.43
1/2		1/2		1/2		1/2	4,714.79	1/2	4,471.98	1/2	4,220.13	1/2	3,955.13	1/2	3,687.33	1/2	3,350.74	1/2	2,627.90
3/4		3/4		3/4		3/4	4,709.34	3/4	4,466.89	3/4	4,214.72	3/4	3,949.55	3/4	3,681.75	3/4	3,343.21	3/4	2,620.37
10		10		10		10	4,703.88	10	4,461.79	10	4,209.31	10	3,943.97	10	3,676.17	10	3,335.68	10	2,612.85
1/4		1/4		1/4		1/4	4,698.43	1/4	4,456.70	1/4	4,203.89	1/4	3,938.39	1/4	3,670.59	1/4	3,328.15	1/4	2,605.32
1/2		1/2		1/2		1/2	4,692.98	1/2	4,451.58	1/2	4,198.46	1/2	3,932.81	1/2	3,665.01	1/2	3,320.62	1/2	2,597.79
3/4		3/4		3/4		3/4	4,687.52	3/4	4,446.47	3/4	4,193.03	3/4	3,927.23	3/4	3,659.43	3/4	3,313.09	3/4	2,590.26
11		11		11		11	4,682.07	11	4,441.35	11	4,187.59	11	3,921.66	11	3,653.85	11	3,305.56	11	2,582.74
1/4		1/4		1/4		1/4	4,676.62	1/4	4,436.24	1/4	4,182.16	1/4	3,916.08	1/4	3,648.27	1/4	3,298.03	1/4	2,575.21
1/2		1/2		1/2		1/2	4,671.48	1/2	4,431.10	1/2	4,176.70	1/2	3,910.50	1/2	3,642.70	1/2	3,290.50	1/2	2,567.68
3/4		3/4		3/4		3/4	4,666.33	3/4	4,425.96	3/4	4,171.25	3/4	3,904.92	3/4	3,637.12	3/4	3,282.97	3/4	2,560.15

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" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29188"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-01 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "TMTB 102"

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	2,552.63	0	2,191.22	0	1,833.03	0	1,471.29	0	1,109.51	0	754.98	0	400.28	0	40.06	0			
1/4	2,545.10	1/4	2,183.72	1/4	1,825.53	1/4	1,463.76	1/4	1,101.97	1/4	747.75	1/4	392.74	1/4	33.14	1/4			
1/2	2,537.57	1/2	2,176.26	1/2	1,818.00	1/2	1,456.22	1/2	1,094.44	1/2	740.52	1/2	385.20	1/2	28.10	1/2			
3/4	2,530.04	3/4	2,168.80	3/4	1,810.46	3/4	1,448.68	3/4	1,086.90	3/4	733.30	3/4	377.66	3/4	23.07	3/4			
1	2,522.52	1	2,161.34	1	1,802.92	1	1,441.15	1	1,079.36	1	726.07	1	370.12	1	18.04	1			
1/4	2,514.99	1/4	2,153.89	1/4	1,795.38	1/4	1,433.61	1/4	1,071.82	1/4	718.85	1/4	362.58	1/4	13.00	1/4			
1/2	2,507.46	1/2	2,146.43	1/2	1,787.85	1/2	1,426.07	1/2	1,064.29	1/2	711.62	1/2	355.04	1/2		1/2			
3/4	2,499.93	3/4	2,138.97	3/4	1,780.31	3/4	1,418.53	3/4	1,056.75	3/4	704.40	3/4	347.50	3/4		3/4			
2	2,492.41	2	2,131.51	2	1,772.77	2	1,411.00	2	1,049.21	2	697.17	2	339.96	2		2			
1/4	2,484.88	1/4	2,124.05	1/4	1,765.24	1/4	1,403.46	1/4	1,041.68	1/4	689.95	1/4	332.42	1/4		1/4			
1/2	2,477.35	1/2	2,116.59	1/2	1,757.70	1/2	1,395.92	1/2	1,034.14	1/2	682.72	1/2	324.88	1/2		1/2			
3/4	2,469.82	3/4	2,109.13	3/4	1,750.16	3/4	1,388.39	3/4	1,026.60	3/4	675.49	3/4	317.34	3/4		3/4			
3	2,462.30	3	2,101.67	3	1,742.63	3	1,380.85	3	1,019.06	3	668.27	3	309.80	3		3			
1/4	2,454.77	1/4	2,094.21	1/4	1,735.09	1/4	1,373.31	1/4	1,011.53	1/4	661.04	1/4	302.26	1/4		1/4			
1/2	2,447.24	1/2	2,086.75	1/2	1,727.55	1/2	1,365.78	1/2	1,003.99	1/2	653.82	1/2	294.72	1/2		1/2			
3/4	2,439.71	3/4	2,079.30	3/4	1,720.01	3/4	1,358.24	3/4	996.45	3/4	646.59	3/4	287.18	3/4		3/4			
4	2,432.18	4	2,071.84	4	1,712.48	4	1,350.70	4	988.92	4	639.37	4	279.64	4		4			
1/4	2,424.65	1/4	2,064.38	1/4	1,704.94	1/4	1,343.16	1/4	981.38	1/4	632.14	1/4	272.09	1/4		1/4			
1/2	2,417.12	1/2	2,056.92	1/2	1,697.40	1/2	1,335.63	1/2	973.84	1/2	624.91	1/2	264.55	1/2		1/2			
3/4	2,409.59	3/4	2,049.46	3/4	1,689.87	3/4	1,328.09	3/4	966.30	3/4	617.69	3/4	257.01	3/4		3/4			
5	2,402.06	5	2,042.00	5	1,682.33	5	1,320.55	5	958.77	5	610.46	5	249.47	5		5			
1/4	2,394.53	1/4	2,034.54	1/4	1,674.79	1/4	1,313.02	1/4	951.23	1/4	603.24	1/4	241.93	1/4		1/4			
1/2	2,387.00	1/2	2,027.08	1/2	1,667.26	1/2	1,305.48	1/2	943.83	1/2	595.86	1/2	234.40	1/2		1/2			
3/4	2,379.46	3/4	2,019.62	3/4	1,659.72	3/4	1,297.94	3/4	936.43	3/4	588.47	3/4	226.86	3/4		3/4			
6	2,371.93	6	2,012.16	6	1,652.18	6	1,290.40	6	929.04	6	581.09	6	219.32	6		6			
1/4	2,364.40	1/4	2,004.71	1/4	1,644.64	1/4	1,282.87	1/4	921.64	1/4	573.71	1/4	211.78	1/4		1/4			
1/2	2,356.86	1/2	1,997.25	1/2	1,637.11	1/2	1,275.33	1/2	914.38	1/2	566.17	1/2	204.24	1/2		1/2			
3/4	2,349.33	3/4	1,989.79	3/4	1,629.57	3/4	1,267.79	3/4	907.12	3/4	558.63	3/4	196.70	3/4		3/4			
7	2,341.80	7	1,982.33	7	1,622.03	7	1,260.25	7	899.86	7	551.09	7	189.16	7		7			
1/4	2,334.27	1/4	1,974.87	1/4	1,614.50	1/4	1,252.72	1/4	892.60	1/4	543.55	1/4	181.62	1/4		1/4			
1/2	2,326.73	1/2	1,967.41	1/2	1,606.96	1/2	1,245.18	1/2	885.34	1/2	536.01	1/2	174.07	1/2		1/2			
3/4	2,319.20	3/4	1,959.95	3/4	1,599.42	3/4	1,237.64	3/4	878.08	3/4	528.46	3/4	166.53	3/4		3/4			
8	2,311.67	8	1,952.49	8	1,591.89	8	1,230.11	8	870.82	8	520.92	8	158.99	8		8			
1/4	2,304.13	1/4	1,945.03	1/4	1,584.35	1/4	1,222.57	1/4	863.56	1/4	513.38	1/4	151.44	1/4		1/4			
1/2	2,296.60	1/2	1,937.57	1/2	1,576.81	1/2	1,215.03	1/2	856.30	1/2	505.84	1/2	143.89	1/2		1/2			
3/4	2,289.07	3/4	1,930.12	3/4	1,569.27	3/4	1,207.49	3/4	849.04	3/4	498.30	3/4	136.34	3/4		3/4			
9	2,281.53	9	1,922.66	9	1,561.74	9	1,199.96	9	841.79	9	490.76	9	128.80	9		9			
1/4	2,274.00	1/4	1,915.20	1/4	1,554.20	1/4	1,192.42	1/4	834.53	1/4	483.22	1/4	121.25	1/4		1/4			
1/2	2,266.47	1/2	1,907.74	1/2	1,546.66	1/2	1,184.88	1/2	827.28	1/2	475.68	1/2	113.69	1/2		1/2			
3/4	2,258.94	3/4	1,900.28	3/4	1,539.13	3/4	1,177.35	3/4	820.04	3/4	468.14	3/4	106.14	3/4		3/4			
10	2,251.40	10	1,892.82	10	1,531.59	10	1,169.81	10	812.80	10	460.60	10	98.59	10		10			
1/4	2,243.87	1/4	1,885.36	1/4	1,524.05	1/4	1,162.27	1/4	805.55	1/4	453.06	1/4	91.04	1/4		1/4			
1/2	2,236.33	1/2	1,877.90	1/2	1,516.52	1/2	1,154.73	1/2	798.33	1/2	445.52	1/2	83.49	1/2		1/2			
3/4	2,228.80	3/4	1,870.44	3/4	1,508.98	3/4	1,147.20	3/4	791.10	3/4	437.98	3/4	75.93	3/4		3/4			
11	2,221.26	11	1,862.98	11	1,501.44	11	1,139.66	11	783.88	11	430.44	11	68.38	11		11			
1/4	2,213.72	1/4	1,855.53	1/4	1,493.90	1/4	1,132.12	1/4	776.65	1/4	422.90	1/4	60.83	1/4		1/4			
1/2	2,206.22	1/2	1,848.03	1/2	1,486.37	1/2	1,124.59	1/2	769.43	1/2	415.36	1/2	53.91	1/2		1/2			
3/4	2,198.72	3/4	1,840.53	3/4	1,478.83	3/4	1,117.05	3/4	762.20	3/4	407.82	3/4	46.98	3/4		3/4			

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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 29188"

FUEL TANK

INNAGE TABLE GAUGE HEIGHT: 5'-03 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "TMTB 102"

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: 09/28/2020 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>

True Measure



BARGE "KIRBY 29188"

PORT SLOP INNAGE TABLE

HERMETIC
GAUGE HEIGHT: 5'-08 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "TMTB 102"

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.

STRAPPED: 09/28/2020 JS
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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2025

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



BARGE "KIRBY 29188"

STBD SLOP INNAGE TABLE

HERMETIC
GAUGE HEIGHT: 5'-08 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "TMTB 102"

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.

STRAPPED: 09/28/2020 JS
RECALCULATED: 12/31/2025
REPRINTED: 12/31/2025

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2025

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