



BARGE "KIRBY 29172"

ULLAGE (HERMETIC)

FORMERLY "FMT 3032"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
AFT DRAFT = 5'-00"
DIFF. = 3'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 234'-06"

November 6, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 29172"

1 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-11 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

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	5,102.62	0	4,735.37	0	4,368.12	0	4,000.87	0	3,633.63	0	3,266.38	0	2,899.13
1/4		1/4		1/4		1/4	5,094.97	1/4	4,727.72	1/4	4,360.47	1/4	3,993.22	1/4	3,625.98	1/4	3,258.73	1/4	2,891.48
1/2		1/2		1/2		1/2	5,087.31	1/2	4,720.07	1/2	4,352.82	1/2	3,985.57	1/2	3,618.32	1/2	3,251.07	1/2	2,883.83
3/4		3/4		3/4		3/4	5,079.66	3/4	4,712.42	3/4	4,345.17	3/4	3,977.92	3/4	3,610.67	3/4	3,243.42	3/4	2,876.18
1		1		1		1	5,072.01	1	4,704.77	1	4,337.52	1	3,970.27	1	3,603.02	1	3,235.77	1	2,868.53
1/4		1/4		1/4		1/4	5,064.36	1/4	4,697.12	1/4	4,329.87	1/4	3,962.62	1/4	3,595.37	1/4	3,228.12	1/4	2,860.88
1/2		1/2		1/2		1/2	5,056.71	1/2	4,689.46	1/2	4,322.21	1/2	3,954.97	1/2	3,587.72	1/2	3,220.47	1/2	2,853.22
3/4		3/4		3/4		3/4	5,049.06	3/4	4,681.81	3/4	4,314.56	3/4	3,947.32	3/4	3,580.07	3/4	3,212.82	3/4	2,845.57
2		2		2		2	5,041.41	2	4,674.16	2	4,306.91	2	3,939.67	2	3,572.42	2	3,205.17	2	2,837.92
1/4		1/4		1/4		1/4	5,033.76	1/4	4,666.51	1/4	4,299.26	1/4	3,932.02	1/4	3,564.77	1/4	3,197.52	1/4	2,830.27
1/2		1/2		1/2		1/2	5,026.11	1/2	4,658.86	1/2	4,291.61	1/2	3,924.36	1/2	3,557.11	1/2	3,189.87	1/2	2,822.62
3/4		3/4		3/4		3/4	5,018.46	3/4	4,651.21	3/4	4,283.96	3/4	3,916.71	3/4	3,549.46	3/4	3,182.22	3/4	2,814.97
3		3		3		3	5,010.81	3	4,643.56	3	4,276.31	3	3,909.06	3	3,541.81	3	3,174.57	3	2,807.32
1/4		1/4		1/4		1/4	5,003.16	1/4	4,635.91	1/4	4,268.66	1/4	3,901.41	1/4	3,534.16	1/4	3,166.92	1/4	2,799.67
1/2		1/2		1/2		1/2	4,995.50	1/2	4,628.25	1/2	4,261.01	1/2	3,893.76	1/2	3,526.51	1/2	3,159.26	1/2	2,792.01
3/4		3/4		3/4		3/4	4,987.85	3/4	4,620.60	3/4	4,253.36	3/4	3,886.11	3/4	3,518.86	3/4	3,151.61	3/4	2,784.36
4		4		4		4	4,980.20	4	4,612.95	4	4,245.71	4	3,878.46	4	3,511.21	4	3,143.96	4	2,776.71
1/4		1/4		1/4		1/4	4,972.55	1/4	4,605.30	1/4	4,238.06	1/4	3,870.81	1/4	3,503.56	1/4	3,136.31	1/4	2,769.06
1/2		1/2		1/2		1/2	4,964.90	1/2	4,597.65	1/2	4,230.40	1/2	3,863.15	1/2	3,495.91	1/2	3,128.66	1/2	2,761.41
3/4		3/4		3/4		3/4	4,957.25	3/4	4,590.00	3/4	4,222.75	3/4	3,855.50	3/4	3,488.26	3/4	3,121.01	3/4	2,753.76
5		5		5	5,213.43	5	4,949.60	5	4,582.35	5	4,215.10	5	3,847.85	5	3,480.61	5	3,113.36	5	2,746.11
1/4		1/4		1/4	5,213.01	1/4	4,941.95	1/4	4,574.70	1/4	4,207.45	1/4	3,840.20	1/4	3,472.96	1/4	3,105.71	1/4	2,738.46
1/2		1/2		1/2	5,212.59	1/2	4,934.29	1/2	4,567.05	1/2	4,199.80	1/2	3,832.55	1/2	3,465.30	1/2	3,098.05	1/2	2,730.81
3/4		3/4		3/4	5,212.17	3/4	4,926.64	3/4	4,559.40	3/4	4,192.15	3/4	3,824.90	3/4	3,457.65	3/4	3,090.40	3/4	2,723.16
6		6		6	5,210.76	6	4,918.99	6	4,551.75	6	4,184.50	6	3,817.25	6	3,450.00	6	3,082.75	6	2,715.51
1/4		1/4		1/4	5,209.35	1/4	4,911.34	1/4	4,544.10	1/4	4,176.85	1/4	3,809.60	1/4	3,442.35	1/4	3,075.10	1/4	2,707.86
1/2		1/2		1/2	5,207.93	1/2	4,903.69	1/2	4,536.44	1/2	4,169.19	1/2	3,801.95	1/2	3,434.70	1/2	3,067.45	1/2	2,700.20
3/4		3/4		3/4	5,206.52	3/4	4,896.04	3/4	4,528.79	3/4	4,161.54	3/4	3,794.30	3/4	3,427.05	3/4	3,059.80	3/4	2,692.55
7		7		7	5,203.97	7	4,888.39	7	4,521.14	7	4,153.89	7	3,786.65	7	3,419.40	7	3,052.15	7	2,684.90
1/4		1/4		1/4	5,201.43	1/4	4,880.74	1/4	4,513.49	1/4	4,146.24	1/4	3,779.00	1/4	3,411.75	1/4	3,044.50	1/4	2,677.25
1/2		1/2		1/2	5,198.88	1/2	4,873.09	1/2	4,505.84	1/2	4,138.59	1/2	3,771.34	1/2	3,404.09	1/2	3,036.85	1/2	2,669.60
3/4		3/4		3/4	5,196.33	3/4	4,865.44	3/4	4,498.19	3/4	4,130.94	3/4	3,763.69	3/4	3,396.44	3/4	3,029.20	3/4	2,661.95
8		8		8	5,192.65	8	4,857.74	8	4,490.54	8	4,123.29	8	3,756.04	8	3,388.79	8	3,021.55	8	2,654.30
1/4		1/4		1/4	5,188.98	1/4	4,850.04	1/4	4,482.89	1/4	4,115.64	1/4	3,748.39	1/4	3,381.14	1/4	3,013.90	1/4	2,646.64
1/2		1/2		1/2	5,185.30	1/2	4,842.33	1/2	4,475.23	1/2	4,107.99	1/2	3,740.74	1/2	3,373.49	1/2	3,006.24	1/2	2,638.99
3/4		3/4		3/4	5,181.62	3/4	4,834.63	3/4	4,467.58	3/4	4,100.34	3/4	3,733.09	3/4	3,365.84	3/4	2,998.59	3/4	2,631.34
9		9		9	5,176.81	9	4,827.03	9	4,459.93	9	4,092.69	9	3,725.44	9	3,358.19	9	2,990.94	9	2,623.69
1/4		1/4		1/4	5,172.00	1/4	4,819.43	1/4	4,452.28	1/4	4,085.04	1/4	3,717.79	1/4	3,350.54	1/4	2,983.29	1/4	2,616.04
1/2		1/2		1/2	5,167.18	1/2	4,811.83	1/2	4,444.63	1/2	4,077.38	1/2	3,710.13	1/2	3,342.89	1/2	2,975.64	1/2	2,608.39
3/4		3/4		3/4	5,162.37	3/4	4,804.23	3/4	4,436.98	3/4	4,069.73	3/4	3,702.48	3/4	3,335.24	3/4	2,967.99	3/4	2,600.74
10		10		10	5,156.42	10	4,796.58	10	4,429.33	10	4,062.08	10	3,694.83	10	3,327.59	10	2,960.34	10	2,593.09
1/4		1/4		1/4	5,150.48	1/4	4,788.93	1/4	4,421.68	1/4	4,054.43	1/4	3,687.18	1/4	3,319.94	1/4	2,952.69	1/4	2,585.44
1/2		1/2		1/2	5,144.53	1/2	4,781.27	1/2	4,414.03	1/2	4,046.78	1/2	3,679.53	1/2	3,312.28	1/2	2,945.03	1/2	2,577.79
3/4		3/4		3/4	5,138.58	3/4	4,773.62	3/4	4,406.38	3/4	4,039.13	3/4	3,671.88	3/4	3,304.63	3/4	2,937.38	3/4	2,570.14
11		11		11	5,131.50	11	4,765.97	11	4,398.73	11	4,031.48	11	3,664.23	11	3,296.98	11	2,929.73	11	2,562.49
1/4		1/4		1/4	5,124.43	1/4	4,758.32	1/4	4,391.08	1/4	4,023.83	1/4	3,656.58	1/4	3,289.33	1/4	2,922.08	1/4	2,554.83
1/2		1/2		1/2	5,117.35	1/2	4,750.67	1/2	4,383.42	1/2	4,016.17	1/2	3,648.93	1/2	3,281.68	1/2	2,914.43	1/2	2,547.18
3/4		3/4		3/4	5,110.27	3/4	4,743.02	3/4	4,375.77	3/4	4,008.52	3/4	3,641.28	3/4	3,274.03	3/4	2,906.78	3/4	2,539.53

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 29172"

1 PORT

ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

GAUGE HEIGHT 16'-11 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	2,531.88	0	2,164.63	0	1,797.39	0	1,430.14	0	1,062.89	0	695.64	0	333.47	0		0		0	
1/4	2,524.23	1/4	2,156.98	1/4	1,789.73	1/4	1,422.48	1/4	1,055.24	1/4	687.99	1/4	326.26	1/4		1/4		1/4	
1/2	2,516.58	1/2	2,149.33	1/2	1,782.08	1/2	1,414.83	1/2	1,047.59	1/2	680.34	1/2	319.05	1/2		1/2		1/2	
3/4	2,508.93	3/4	2,141.68	3/4	1,774.43	3/4	1,407.18	3/4	1,039.94	3/4	672.69	3/4	311.84	3/4		3/4		3/4	
1	2,501.28	1	2,134.03	1	1,766.78	1	1,399.53	1	1,032.29	1	665.04	1	304.63	1		1		1	
1/4	2,493.62	1/4	2,126.38	1/4	1,759.13	1/4	1,391.88	1/4	1,024.63	1/4	657.38	1/4	297.42	1/4		1/4		1/4	
1/2	2,485.97	1/2	2,118.73	1/2	1,751.48	1/2	1,384.23	1/2	1,016.98	1/2	649.73	1/2	290.22	1/2		1/2		1/2	
3/4	2,478.32	3/4	2,111.08	3/4	1,743.83	3/4	1,376.58	3/4	1,009.33	3/4	642.08	3/4	283.01	3/4		3/4		3/4	
2	2,470.67	2	2,103.43	2	1,736.18	2	1,368.93	2	1,001.68	2	634.43	2	275.93	2		2		2	
1/4	2,463.02	1/4	2,095.77	1/4	1,728.52	1/4	1,361.28	1/4	994.03	1/4	626.78	1/4	268.84	1/4		1/4		1/4	
1/2	2,455.37	1/2	2,088.12	1/2	1,720.87	1/2	1,353.63	1/2	986.38	1/2	619.13	1/2	261.76	1/2		1/2		1/2	
3/4	2,447.72	3/4	2,080.47	3/4	1,713.22	3/4	1,345.98	3/4	978.73	3/4	611.48	3/4	254.68	3/4		3/4		3/4	
3	2,440.07	3	2,072.82	3	1,705.57	3	1,338.33	3	971.08	3	603.83	3	247.59	3		3		3	
1/4	2,432.42	1/4	2,065.17	1/4	1,697.92	1/4	1,330.67	1/4	963.42	1/4	596.18	1/4	240.51	1/4		1/4		1/4	
1/2	2,424.77	1/2	2,057.52	1/2	1,690.27	1/2	1,323.02	1/2	955.77	1/2	588.53	1/2	233.42	1/2		1/2		1/2	
3/4	2,417.12	3/4	2,049.87	3/4	1,682.62	3/4	1,315.37	3/4	948.12	3/4	580.88	3/4	226.34	3/4		3/4		3/4	
4	2,409.47	4	2,042.22	4	1,674.97	4	1,307.72	4	940.47	4	573.23	4	219.38	4		4		4	
1/4	2,401.81	1/4	2,034.56	1/4	1,667.32	1/4	1,300.07	1/4	932.82	1/4	565.57	1/4	212.42	1/4		1/4		1/4	
1/2	2,394.16	1/2	2,026.91	1/2	1,659.67	1/2	1,292.42	1/2	925.17	1/2	557.92	1/2	205.46	1/2		1/2		1/2	
3/4	2,386.51	3/4	2,019.26	3/4	1,652.02	3/4	1,284.77	3/4	917.52	3/4	550.27	3/4	198.50	3/4		3/4		3/4	
5	2,378.86	5	2,011.61	5	1,644.37	5	1,277.12	5	909.87	5	542.62	5	191.54	5		5		5	
1/4	2,371.21	1/4	2,003.96	1/4	1,636.71	1/4	1,269.46	1/4	902.22	1/4	534.97	1/4	184.58	1/4		1/4		1/4	
1/2	2,363.56	1/2	1,996.31	1/2	1,629.06	1/2	1,261.81	1/2	894.57	1/2	527.32	1/2	177.63	1/2		1/2		1/2	
3/4	2,355.91	3/4	1,988.66	3/4	1,621.41	3/4	1,254.16	3/4	886.92	3/4	519.67	3/4	170.67	3/4		3/4		3/4	
6	2,348.26	6	1,981.01	6	1,613.76	6	1,246.51	6	879.27	6	512.08	6	163.84	6		6		6	
1/4	2,340.60	1/4	1,973.36	1/4	1,606.11	1/4	1,238.86	1/4	871.61	1/4	504.50	1/4	157.00	1/4		1/4		1/4	
1/2	2,332.95	1/2	1,965.71	1/2	1,598.46	1/2	1,231.21	1/2	863.96	1/2	496.91	1/2	150.17	1/2		1/2		1/2	
3/4	2,325.30	3/4	1,958.06	3/4	1,590.81	3/4	1,223.56	3/4	856.31	3/4	489.33	3/4	143.34	3/4		3/4		3/4	
7	2,317.65	7	1,950.41	7	1,583.16	7	1,215.91	7	848.66	7	481.75	7	136.50	7		7		7	
1/4	2,310.00	1/4	1,942.75	1/4	1,575.50	1/4	1,208.26	1/4	841.01	1/4	474.16	1/4	129.67	1/4		1/4		1/4	
1/2	2,302.35	1/2	1,935.10	1/2	1,567.85	1/2	1,200.61	1/2	833.36	1/2	466.58	1/2	122.83	1/2		1/2		1/2	
3/4	2,294.70	3/4	1,927.45	3/4	1,560.20	3/4	1,192.96	3/4	825.71	3/4	459.00	3/4	116.00	3/4		3/4		3/4	
8	2,287.05	8	1,919.80	8	1,552.55	8	1,185.31	8	818.06	8	451.57	8	109.29	8		8		8	
1/4	2,279.40	1/4	1,912.15	1/4	1,544.90	1/4	1,177.65	1/4	810.40	1/4	444.13	1/4	102.58	1/4		1/4		1/4	
1/2	2,271.75	1/2	1,904.50	1/2	1,537.25	1/2	1,170.00	1/2	802.75	1/2	436.70	1/2	95.88	1/2		1/2		1/2	
3/4	2,264.10	3/4	1,896.85	3/4	1,529.60	3/4	1,162.35	3/4	795.10	3/4	429.27	3/4	89.17	3/4		3/4		3/4	
9	2,256.45	9	1,889.20	9	1,521.95	9	1,154.70	9	787.45	9	421.79	9	82.46	9		9		9	
1/4	2,248.79	1/4	1,881.54	1/4	1,514.30	1/4	1,147.05	1/4	779.80	1/4	414.30	1/4	75.75	1/4		1/4		1/4	
1/2	2,241.14	1/2	1,873.89	1/2	1,506.65	1/2	1,139.40	1/2	772.15	1/2	406.82	1/2	69.04	1/2		1/2		1/2	
3/4	2,233.49	3/4	1,866.24	3/4	1,499.00	3/4	1,131.75	3/4	764.50	3/4	399.34	3/4	62.33	3/4		3/4		3/4	
10	2,225.84	10	1,858.59	10	1,491.35	10	1,124.10	10	756.85	10	392.01	10	55.96	10		10		10	
1/4	2,218.19	1/4	1,850.94	1/4	1,483.69	1/4	1,116.44	1/4	749.20	1/4	384.67	1/4	49.59	1/4		1/4		1/4	
1/2	2,210.54	1/2	1,843.29	1/2	1,476.04	1/2	1,108.79	1/2	741.55	1/2	377.34	1/2	43.23	1/2		1/2		1/2	
3/4	2,202.89	3/4	1,835.64	3/4	1,468.39	3/4	1,101.14	3/4	733.90	3/4	370.01	3/4	36.86	3/4		3/4		3/4	
11	2,195.24	11	1,827.99	11	1,460.74	11	1,093.49	11	726.25	11	362.68	11	32.00	11		11		11	
1/4	2,187.58	1/4	1,820.34	1/4	1,453.09	1/4	1,085.84	1/4	718.59	1/4	355.34	1/4	27.14	1/4		1/4		1/4	
1/2	2,179.93	1/2	1,812.69	1/2	1,445.44	1/2	1,078.19	1/2	710.94	1/2	348.01	1/2	22.29	1/2		1/2		1/2	
3/4	2,172.28	3/4	1,805.04	3/4	1,437.79	3/4	1,070.54	3/4	703.29	3/4	340.68	3/4	17.43	3/4		3/4		3/4	

STRAPPED: 11/20/2000 INSP
RECALCULATED: 05/14/2026 JS
NAME CHANGE: 05/14/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29172"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-11 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

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	5,109.70	0	4,743.02	0	4,375.77	0	4,008.53	0	3,641.28	0	3,274.03	0	2,906.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,102.34	1/4	4,735.37	1/4	4,368.12	1/4	4,000.87	1/4	3,633.62	1/4	3,266.38	1/4	2,899.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,094.97	1/2	4,727.72	1/2	4,360.47	1/2	3,993.22	1/2	3,625.97	1/2	3,258.73	1/2	2,891.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,087.32	3/4	4,720.07	3/4	4,352.82	3/4	3,985.57	3/4	3,618.32	3/4	3,251.08	3/4	2,883.83
1	1	1	1	1	1	1	5,079.67	1	4,712.42	1	4,345.17	1	3,977.92	1	3,610.67	1	3,243.43	1	2,876.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,072.01	1/4	4,704.76	1/4	4,337.52	1/4	3,970.27	1/4	3,603.02	1/4	3,235.77	1/4	2,868.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,064.36	1/2	4,697.11	1/2	4,329.87	1/2	3,962.62	1/2	3,595.37	1/2	3,228.12	1/2	2,860.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,056.71	3/4	4,689.46	3/4	4,322.22	3/4	3,954.97	3/4	3,587.72	3/4	3,220.47	3/4	2,853.22
2	2	2	2	2	2	2	5,049.06	2	4,681.81	2	4,314.57	2	3,947.32	2	3,580.07	2	3,212.82	2	2,845.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,041.41	1/4	4,674.16	1/4	4,306.91	1/4	3,939.66	1/4	3,572.42	1/4	3,205.17	1/4	2,837.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,033.76	1/2	4,666.51	1/2	4,299.26	1/2	3,932.01	1/2	3,564.77	1/2	3,197.52	1/2	2,830.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,026.11	3/4	4,658.86	3/4	4,291.61	3/4	3,924.36	3/4	3,557.12	3/4	3,189.87	3/4	2,822.62
3	3	3	3	3	3	3	5,018.46	3	4,651.21	3	4,283.96	3	3,916.71	3	3,549.47	3	3,182.22	3	2,814.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,010.80	1/4	4,643.56	1/4	4,276.31	1/4	3,909.06	1/4	3,541.81	1/4	3,174.56	1/4	2,807.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,003.15	1/2	4,635.91	1/2	4,268.66	1/2	3,901.41	1/2	3,534.16	1/2	3,166.91	1/2	2,799.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,995.50	3/4	4,628.26	3/4	4,261.01	3/4	3,893.76	3/4	3,526.51	3/4	3,159.26	3/4	2,792.02
4	4	4	4	4	4	4	4,987.85	4	4,620.61	4	4,253.36	4	3,886.11	4	3,518.86	4	3,151.61	4	2,784.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,980.20	1/4	4,612.95	1/4	4,245.70	1/4	3,878.46	1/4	3,511.21	1/4	3,143.96	1/4	2,776.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,972.55	1/2	4,605.30	1/2	4,238.05	1/2	3,870.81	1/2	3,503.56	1/2	3,136.31	1/2	2,769.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,964.90	3/4	4,597.65	3/4	4,230.40	3/4	3,863.16	3/4	3,495.91	3/4	3,128.66	3/4	2,761.41
5	5	5	5	5	5	5	4,957.25	5	4,590.00	5	4,222.75	5	3,855.51	5	3,488.26	5	3,121.01	5	2,753.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,213.43	1/4	4,949.60	1/4	4,582.35	1/4	4,215.10	1/4	3,847.85	1/4	3,113.36	1/4	2,746.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,213.01	1/2	4,941.95	1/2	4,574.70	1/2	4,207.45	1/2	3,840.20	1/2	3,472.95	1/2	2,738.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,212.09	3/4	4,934.30	3/4	4,567.05	3/4	4,199.80	3/4	3,832.55	3/4	3,465.30	3/4	2,730.81
6	6	6	6	6	6	6	5,211.18	6	4,926.65	6	4,559.40	6	4,192.15	6	3,824.90	6	3,457.65	6	2,723.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,210.26	1/4	4,918.99	1/4	4,551.74	1/4	4,184.50	1/4	3,817.25	1/4	3,450.00	1/4	2,715.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,209.34	1/2	4,911.34	1/2	4,544.09	1/2	4,176.85	1/2	3,809.60	1/2	3,442.35	1/2	2,707.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,207.36	3/4	4,903.69	3/4	4,536.44	3/4	4,169.20	3/4	3,801.95	3/4	3,434.70	3/4	2,700.20
7	7	7	7	7	7	7	5,205.39	7	4,896.04	7	4,528.79	7	4,161.55	7	3,794.30	7	3,427.05	7	2,692.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,203.41	1/4	4,888.39	1/4	4,521.14	1/4	4,153.89	1/4	3,786.64	1/4	3,419.40	1/4	2,684.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,201.43	1/2	4,880.74	1/2	4,513.49	1/2	4,146.24	1/2	3,778.99	1/2	3,411.75	1/2	2,677.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,198.32	3/4	4,873.09	3/4	4,505.84	3/4	4,138.59	3/4	3,771.34	3/4	3,404.10	3/4	2,669.60
8	8	8	8	8	8	8	5,195.20	8	4,865.44	8	4,498.19	8	4,130.94	8	3,763.69	8	3,396.45	8	2,661.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,192.09	1/4	4,857.78	1/4	4,490.54	1/4	4,123.29	1/4	3,756.04	1/4	3,388.79	1/4	2,654.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,188.97	1/2	4,850.13	1/2	4,482.89	1/2	4,115.64	1/2	3,748.39	1/2	3,381.14	1/2	2,646.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,184.73	3/4	4,842.48	3/4	4,475.24	3/4	4,107.99	3/4	3,740.74	3/4	3,373.49	3/4	2,639.00
9	9	9	9	9	9	9	5,180.48	9	4,834.83	9	4,467.59	9	4,100.34	9	3,733.09	9	3,365.84	9	2,631.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,176.24	1/4	4,827.18	1/4	4,459.93	1/4	4,092.68	1/4	3,725.44	1/4	3,358.19	1/4	2,623.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,171.99	1/2	4,819.53	1/2	4,452.28	1/2	4,085.03	1/2	3,717.79	1/2	3,350.54	1/2	2,616.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,166.61	3/4	4,811.88	3/4	4,444.63	3/4	4,077.38	3/4	3,710.14	3/4	3,342.89	3/4	2,608.39
10	10	10	10	10	10	10	5,161.24	10	4,804.23	10	4,436.98	10	4,069.73	10	3,702.49	10	3,335.24	10	2,600.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,155.86	1/4	4,796.58	1/4	4,429.33	1/4	4,062.08	1/4	3,694.83	1/4	3,327.58	1/4	2,593.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,150.48	1/2	4,788.93	1/2	4,421.68	1/2	4,054.43	1/2	3,687.18	1/2	3,319.93	1/2	2,585.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,143.97	3/4	4,781.28	3/4	4,414.03	3/4	4,046.78	3/4	3,679.53	3/4	3,312.28	3/4	2,577.79
11	11	11	11	11	11	11	5,137.46	11	4,773.63	11	4,406.38	11	4,039.13	11	3,671.88	11	3,304.63	11	2,570.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,130.94	1/4	4,765.97	1/4	4,398.72	1/4	4,031.48	1/4	3,664.23	1/4	3,296.98	1/4	2,562.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,124.43	1/2	4,758.32	1/2	4,391.07	1/2	4,023.83	1/2	3,656.58	1/2	3,289.33	1/2	2,554.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,117.07	3/4	4,750.67	3/4	4,383.42	3/4	4,016.18	3/4	3,648.93	3/4	3,281.68	3/4	2,547.18

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE

GAUGE POINT: (HERMETIC) LOCATED 10'-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 29172"

1 STBD

ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

GAUGE HEIGHT 16'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,539.53	0	2,172.29	0	1,805.04	0	1,437.79	0	1,070.54	0	703.29	0	340.80	0		0		0	
1/4	2,531.88	1/4	2,164.63	1/4	1,797.38	1/4	1,430.14	1/4	1,062.89	1/4	695.64	1/4	333.53	1/4		1/4		1/4	
1/2	2,524.23	1/2	2,156.98	1/2	1,789.73	1/2	1,422.49	1/2	1,055.24	1/2	687.99	1/2	326.26	1/2		1/2		1/2	
3/4	2,516.58	3/4	2,149.33	3/4	1,782.08	3/4	1,414.84	3/4	1,047.59	3/4	680.34	3/4	319.05	3/4		3/4		3/4	
1	2,508.93	1	2,141.68	1	1,774.43	1	1,407.18	1	1,039.93	1	672.69	1	311.84	1		1		1	
1/4	2,501.28	1/4	2,134.03	1/4	1,766.78	1/4	1,399.53	1/4	1,032.28	1/4	665.04	1/4	304.64	1/4		1/4		1/4	
1/2	2,493.63	1/2	2,126.38	1/2	1,759.13	1/2	1,391.88	1/2	1,024.63	1/2	657.39	1/2	297.43	1/2		1/2		1/2	
3/4	2,485.98	3/4	2,118.73	3/4	1,751.48	3/4	1,384.23	3/4	1,016.98	3/4	649.74	3/4	290.28	3/4		3/4		3/4	
2	2,478.33	2	2,111.08	2	1,743.83	2	1,376.58	2	1,009.33	2	642.08	2	283.13	2		2		2	
1/4	2,470.67	1/4	2,103.42	1/4	1,736.18	1/4	1,368.93	1/4	1,001.68	1/4	634.43	1/4	275.99	1/4		1/4		1/4	
1/2	2,463.02	1/2	2,095.77	1/2	1,728.53	1/2	1,361.28	1/2	994.03	1/2	626.78	1/2	268.84	1/2		1/2		1/2	
3/4	2,455.37	3/4	2,088.12	3/4	1,720.88	3/4	1,353.63	3/4	986.38	3/4	619.13	3/4	261.76	3/4		3/4		3/4	
3	2,447.72	3	2,080.47	3	1,713.23	3	1,345.97	3	978.73	3	611.48	3	254.67	3		3		3	
1/4	2,440.07	1/4	2,072.82	1/4	1,705.57	1/4	1,338.32	1/4	971.08	1/4	603.83	1/4	247.59	1/4		1/4		1/4	
1/2	2,432.42	1/2	2,065.17	1/2	1,697.92	1/2	1,330.67	1/2	963.43	1/2	596.18	1/2	240.51	1/2		1/2		1/2	
3/4	2,424.77	3/4	2,057.52	3/4	1,690.27	3/4	1,323.02	3/4	955.78	3/4	588.53	3/4	233.49	3/4		3/4		3/4	
4	2,417.12	4	2,049.87	4	1,682.62	4	1,315.37	4	948.12	4	580.87	4	226.46	4		4		4	
1/4	2,409.46	1/4	2,042.22	1/4	1,674.97	1/4	1,307.72	1/4	940.47	1/4	573.22	1/4	219.44	1/4		1/4		1/4	
1/2	2,401.81	1/2	2,034.57	1/2	1,667.32	1/2	1,300.07	1/2	932.82	1/2	565.57	1/2	212.42	1/2		1/2		1/2	
3/4	2,394.16	3/4	2,026.92	3/4	1,659.67	3/4	1,292.42	3/4	925.17	3/4	557.92	3/4	205.46	3/4		3/4		3/4	
5	2,386.51	5	2,019.27	5	1,652.02	5	1,284.77	5	917.52	5	550.27	5	198.50	5		5		5	
1/4	2,378.86	1/4	2,011.61	1/4	1,644.36	1/4	1,277.12	1/4	909.87	1/4	542.62	1/4	191.55	1/4		1/4		1/4	
1/2	2,371.21	1/2	2,003.96	1/2	1,636.71	1/2	1,269.47	1/2	902.22	1/2	534.97	1/2	184.59	1/2		1/2		1/2	
3/4	2,363.56	3/4	1,996.31	3/4	1,629.06	3/4	1,261.82	3/4	894.57	3/4	527.35	3/4	177.69	3/4		3/4		3/4	
6	2,355.91	6	1,988.66	6	1,621.41	6	1,254.16	6	886.91	6	519.73	6	170.79	6		6		6	
1/4	2,348.26	1/4	1,981.01	1/4	1,613.76	1/4	1,246.51	1/4	879.26	1/4	512.12	1/4	163.90	1/4		1/4		1/4	
1/2	2,340.61	1/2	1,973.36	1/2	1,606.11	1/2	1,238.86	1/2	871.61	1/2	504.50	1/2	157.00	1/2		1/2		1/2	
3/4	2,332.96	3/4	1,965.71	3/4	1,598.46	3/4	1,231.21	3/4	863.96	3/4	496.91	3/4	150.17	3/4		3/4		3/4	
7	2,325.31	7	1,958.06	7	1,590.81	7	1,223.56	7	856.31	7	489.33	7	143.33	7		7		7	
1/4	2,317.65	1/4	1,950.40	1/4	1,583.16	1/4	1,215.91	1/4	848.66	1/4	481.74	1/4	136.50	1/4		1/4		1/4	
1/2	2,310.00	1/2	1,942.75	1/2	1,575.51	1/2	1,208.26	1/2	841.01	1/2	474.16	1/2	129.67	1/2		1/2		1/2	
3/4	2,302.35	3/4	1,935.10	3/4	1,567.86	3/4	1,200.61	3/4	833.36	3/4	466.64	3/4	122.90	3/4		3/4		3/4	
8	2,294.70	8	1,927.45	8	1,560.20	8	1,192.95	8	825.71	8	459.12	8	116.13	8		8		8	
1/4	2,287.05	1/4	1,919.80	1/4	1,552.55	1/4	1,185.30	1/4	818.06	1/4	451.60	1/4	109.36	1/4		1/4		1/4	
1/2	2,279.40	1/2	1,912.15	1/2	1,544.90	1/2	1,177.65	1/2	810.41	1/2	444.08	1/2	102.59	1/2		1/2		1/2	
3/4	2,271.75	3/4	1,904.50	3/4	1,537.25	3/4	1,170.00	3/4	802.76	3/4	436.62	3/4	95.88	3/4		3/4		3/4	
9	2,264.10	9	1,896.85	9	1,529.60	9	1,162.35	9	795.10	9	429.16	9	89.17	9		9		9	
1/4	2,256.44	1/4	1,889.20	1/4	1,521.95	1/4	1,154.70	1/4	787.45	1/4	421.71	1/4	82.46	1/4		1/4		1/4	
1/2	2,248.79	1/2	1,881.55	1/2	1,514.30	1/2	1,147.05	1/2	779.80	1/2	414.25	1/2	75.75	1/2		1/2		1/2	
3/4	2,241.14	3/4	1,873.90	3/4	1,506.65	3/4	1,139.40	3/4	772.15	3/4	406.85	3/4	69.10	3/4		3/4		3/4	
10	2,233.49	10	1,866.25	10	1,498.99	10	1,131.75	10	764.50	10	399.46	10	62.46	10		10		10	
1/4	2,225.84	1/4	1,858.59	1/4	1,491.34	1/4	1,124.10	1/4	756.85	1/4	392.06	1/4	55.81	1/4		1/4		1/4	
1/2	2,218.19	1/2	1,850.94	1/2	1,483.69	1/2	1,116.45	1/2	749.20	1/2	384.67	1/2	49.17	1/2		1/2		1/2	
3/4	2,210.54	3/4	1,843.29	3/4	1,476.04	3/4	1,108.80	3/4	741.55	3/4	377.34	3/4	43.66	3/4		3/4		3/4	
11	2,202.89	11	1,835.64	11	1,468.39	11	1,101.14	11	733.89	11	370.00	11	38.15	11		11		11	
1/4	2,195.24	1/4	1,827.99	1/4	1,460.74	1/4	1,093.49	1/4	726.24	1/4	362.67	1/4	32.65	1/4		1/4		1/4	
1/2	2,187.59	1/2	1,820.34	1/2	1,453.09	1/2	1,085.84	1/2	718.59	1/2	355.34	1/2	27.14	1/2		1/2		1/2	
3/4	2,179.94	3/4	1,812.69	3/4	1,445.44	3/4	1,078.19	3/4	710.94	3/4	348.07	3/4		3/4		3/4		3/4	

STRAPPED: 11/20/2000 INSP
RECALCULATED: 05/14/2026 JS
NAME CHANGE: 05/14/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29172"

2 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-11 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

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	4,824.88	0	4,481.90	0	4,137.17	0	3,792.43	0	3,447.69	0	3,102.96	0	2,758.22
1/4		1/4		1/4		1/4	4,817.73	1/4	4,474.71	1/4	4,129.98	1/4	3,785.24	1/4	3,440.51	1/4	3,095.77	1/4	2,751.03
1/2		1/2		1/2		1/2	4,810.59	1/2	4,467.53	1/2	4,122.80	1/2	3,778.06	1/2	3,433.33	1/2	3,088.59	1/2	2,743.85
3/4		3/4		3/4		3/4	4,803.45	3/4	4,460.35	3/4	4,115.62	3/4	3,770.88	3/4	3,426.15	3/4	3,081.41	3/4	2,736.67
1		1		1		1	4,796.31	1	4,453.17	1	4,108.44	1	3,763.70	1	3,418.97	1	3,074.23	1	2,729.49
1/4		1/4		1/4		1/4	4,789.16	1/4	4,445.99	1/4	4,101.25	1/4	3,756.51	1/4	3,411.78	1/4	3,067.04	1/4	2,722.31
1/2		1/2		1/2		1/2	4,782.02	1/2	4,438.81	1/2	4,094.07	1/2	3,749.33	1/2	3,404.60	1/2	3,059.86	1/2	2,715.13
3/4		3/4		3/4		3/4	4,774.88	3/4	4,431.63	3/4	4,086.89	3/4	3,742.15	3/4	3,397.42	3/4	3,052.68	3/4	2,707.95
2		2		2		2	4,767.74	2	4,424.45	2	4,079.71	2	3,734.97	2	3,390.24	2	3,045.50	2	2,700.77
1/4		1/4		1/4		1/4	4,760.59	1/4	4,417.26	1/4	4,072.52	1/4	3,727.79	1/4	3,383.05	1/4	3,038.31	1/4	2,693.58
1/2		1/2		1/2		1/2	4,753.45	1/2	4,410.08	1/2	4,065.34	1/2	3,720.61	1/2	3,375.87	1/2	3,031.13	1/2	2,686.40
3/4		3/4		3/4		3/4	4,746.31	3/4	4,402.90	3/4	4,058.16	3/4	3,713.43	3/4	3,368.69	3/4	3,023.95	3/4	2,679.22
3		3		3		3	4,739.17	3	4,395.72	3	4,050.98	3	3,706.25	3	3,361.51	3	3,016.77	3	2,672.04
1/4		1/4		1/4		1/4	4,732.02	1/4	4,388.53	1/4	4,043.79	1/4	3,699.06	1/4	3,354.32	1/4	3,009.59	1/4	2,664.85
1/2		1/2		1/2		1/2	4,724.88	1/2	4,381.35	1/2	4,036.61	1/2	3,691.88	1/2	3,347.14	1/2	3,002.41	1/2	2,657.67
3/4		3/4		3/4		3/4	4,717.74	3/4	4,374.17	3/4	4,029.43	3/4	3,684.70	3/4	3,339.96	3/4	2,995.23	3/4	2,650.49
4		4		4		4	4,710.59	4	4,366.99	4	4,022.25	4	3,677.52	4	3,332.78	4	2,988.05	4	2,643.31
1/4		1/4		1/4		1/4	4,703.45	1/4	4,359.80	1/4	4,015.07	1/4	3,670.33	1/4	3,325.59	1/4	2,980.86	1/4	2,636.12
1/2		1/2		1/2		1/2	4,696.30	1/2	4,352.62	1/2	4,007.89	1/2	3,663.15	1/2	3,318.41	1/2	2,973.68	1/2	2,628.94
3/4		3/4		3/4		3/4	4,689.16	3/4	4,345.44	3/4	4,000.71	3/4	3,655.97	3/4	3,311.23	3/4	2,966.50	3/4	2,621.76
5		5		5	4,928.88	5	4,682.02	5	4,338.26	5	3,993.53	5	3,648.79	5	3,304.05	5	2,959.32	5	2,614.58
1/4		1/4		1/4	4,928.48	1/4	4,674.87	1/4	4,331.07	1/4	3,986.34	1/4	3,641.60	1/4	3,296.87	1/4	2,952.13	1/4	2,607.39
1/2		1/2		1/2	4,928.09	1/2	4,667.73	1/2	4,323.89	1/2	3,979.16	1/2	3,634.42	1/2	3,289.69	1/2	2,944.95	1/2	2,600.21
3/4		3/4		3/4	4,927.69	3/4	4,660.59	3/4	4,316.71	3/4	3,971.98	3/4	3,627.24	3/4	3,282.51	3/4	2,937.77	3/4	2,593.03
6		6		6	4,926.36	6	4,653.45	6	4,309.53	6	3,964.80	6	3,620.06	6	3,275.33	6	2,930.59	6	2,585.85
1/4		1/4		1/4	4,925.03	1/4	4,646.30	1/4	4,302.35	1/4	3,957.61	1/4	3,612.87	1/4	3,268.14	1/4	2,923.40	1/4	2,578.67
1/2		1/2		1/2	4,923.70	1/2	4,639.16	1/2	4,295.17	1/2	3,950.43	1/2	3,605.69	1/2	3,260.96	1/2	2,916.22	1/2	2,571.49
3/4		3/4		3/4	4,922.37	3/4	4,632.02	3/4	4,287.99	3/4	3,943.25	3/4	3,598.51	3/4	3,253.78	3/4	2,909.04	3/4	2,564.31
7		7		7	4,919.98	7	4,624.88	7	4,280.81	7	3,936.07	7	3,591.33	7	3,246.60	7	2,901.86	7	2,557.13
1/4		1/4		1/4	4,917.58	1/4	4,617.73	1/4	4,273.62	1/4	3,928.88	1/4	3,584.15	1/4	3,239.41	1/4	2,894.67	1/4	2,549.94
1/2		1/2		1/2	4,915.19	1/2	4,610.59	1/2	4,266.44	1/2	3,921.70	1/2	3,576.97	1/2	3,232.23	1/2	2,887.49	1/2	2,542.76
3/4		3/4		3/4	4,912.80	3/4	4,603.45	3/4	4,259.26	3/4	3,914.52	3/4	3,569.79	3/4	3,225.05	3/4	2,880.31	3/4	2,535.58
8		8		8	4,909.34	8	4,596.31	8	4,252.08	8	3,907.34	8	3,562.61	8	3,217.87	8	2,873.13	8	2,528.40
1/4		1/4		1/4	4,905.87	1/4	4,589.16	1/4	4,244.89	1/4	3,900.15	1/4	3,555.42	1/4	3,210.68	1/4	2,865.95	1/4	2,521.21
1/2		1/2		1/2	4,902.41	1/2	4,582.02	1/2	4,237.71	1/2	3,892.97	1/2	3,548.24	1/2	3,203.50	1/2	2,858.77	1/2	2,514.03
3/4		3/4		3/4	4,898.95	3/4	4,574.88	3/4	4,230.53	3/4	3,885.79	3/4	3,541.06	3/4	3,196.32	3/4	2,851.59	3/4	2,506.85
9		9		9	4,894.42	9	4,567.73	9	4,223.35	9	3,878.61	9	3,533.88	9	3,189.14	9	2,844.41	9	2,499.67
1/4		1/4		1/4	4,889.89	1/4	4,560.59	1/4	4,216.16	1/4	3,871.43	1/4	3,526.69	1/4	3,181.95	1/4	2,837.22	1/4	2,492.48
1/2		1/2		1/2	4,885.37	1/2	4,553.44	1/2	4,208.98	1/2	3,864.25	1/2	3,519.51	1/2	3,174.77	1/2	2,830.04	1/2	2,485.30
3/4		3/4		3/4	4,880.84	3/4	4,546.30	3/4	4,201.80	3/4	3,857.07	3/4	3,512.33	3/4	3,167.59	3/4	2,822.86	3/4	2,478.12
10		10		10	4,875.24	10	4,539.16	10	4,194.62	10	3,849.89	10	3,505.15	10	3,160.41	10	2,815.68	10	2,470.94
1/4		1/4		1/4	4,869.65	1/4	4,532.01	1/4	4,187.43	1/4	3,842.70	1/4	3,497.96	1/4	3,153.23	1/4	2,808.49	1/4	2,463.75
1/2		1/2		1/2	4,864.05	1/2	4,524.87	1/2	4,180.25	1/2	3,835.52	1/2	3,490.78	1/2	3,146.05	1/2	2,801.31	1/2	2,456.57
3/4		3/4		3/4	4,858.46	3/4	4,517.73	3/4	4,173.07	3/4	3,828.34	3/4	3,483.60	3/4	3,138.87	3/4	2,794.13	3/4	2,449.39
11		11		11	4,851.85	11	4,510.57	11	4,165.89	11	3,821.16	11	3,476.42	11	3,131.69	11	2,786.95	11	2,442.21
1/4		1/4		1/4	4,845.24	1/4	4,503.40	1/4	4,158.71	1/4	3,813.97	1/4	3,469.23	1/4	3,124.50	1/4	2,779.76	1/4	2,435.03
1/2		1/2		1/2	4,838.63	1/2	4,496.24	1/2	4,151.53	1/2	3,806.79	1/2	3,462.05	1/2	3,117.32	1/2	2,772.58	1/2	2,427.85
3/4		3/4		3/4	4,832.02	3/4	4,489.08	3/4	4,144.35	3/4	3,799.61	3/4	3,454.87	3/4	3,110.14	3/4	2,765.40	3/4	2,420.67

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29172"

2 PORT

ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

GAUGE HEIGHT 16'-11 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	2,413.49	0	2,068.75	0	1,724.01	0	1,379.28	0	1,034.54	0	689.81	0	345.07	0		0		0	
1/4	2,406.30	1/4	2,061.56	1/4	1,716.83	1/4	1,372.09	1/4	1,027.35	1/4	682.62	1/4	337.88	1/4		1/4		1/4	
1/2	2,399.12	1/2	2,054.38	1/2	1,709.65	1/2	1,364.91	1/2	1,020.17	1/2	675.44	1/2	330.70	1/2		1/2		1/2	
3/4	2,391.94	3/4	2,047.20	3/4	1,702.47	3/4	1,357.73	3/4	1,012.99	3/4	668.26	3/4	323.52	3/4		3/4		3/4	
1	2,384.76	1	2,040.02	1	1,695.29	1	1,350.55	1	1,005.81	1	661.08	1	316.34	1		1		1	
1/4	2,377.57	1/4	2,032.83	1/4	1,688.10	1/4	1,343.36	1/4	998.63	1/4	653.89	1/4	309.15	1/4		1/4		1/4	
1/2	2,370.39	1/2	2,025.65	1/2	1,680.92	1/2	1,336.18	1/2	991.45	1/2	646.71	1/2	301.97	1/2		1/2		1/2	
3/4	2,363.21	3/4	2,018.47	3/4	1,673.74	3/4	1,329.00	3/4	984.27	3/4	639.53	3/4	294.79	3/4		3/4		3/4	
2	2,356.03	2	2,011.29	2	1,666.56	2	1,321.82	2	977.09	2	632.35	2	287.61	2		2		2	
1/4	2,348.84	1/4	2,004.11	1/4	1,659.37	1/4	1,314.63	1/4	969.90	1/4	625.16	1/4	280.43	1/4		1/4		1/4	
1/2	2,341.66	1/2	1,996.93	1/2	1,652.19	1/2	1,307.45	1/2	962.72	1/2	617.98	1/2	273.25	1/2		1/2		1/2	
3/4	2,334.48	3/4	1,989.75	3/4	1,645.01	3/4	1,300.27	3/4	955.54	3/4	610.80	3/4	266.07	3/4		3/4		3/4	
3	2,327.30	3	1,982.57	3	1,637.83	3	1,293.09	3	948.36	3	603.62	3	258.89	3		3		3	
1/4	2,320.11	1/4	1,975.38	1/4	1,630.64	1/4	1,285.91	1/4	941.17	1/4	596.43	1/4	251.70	1/4		1/4		1/4	
1/2	2,312.93	1/2	1,968.20	1/2	1,623.46	1/2	1,278.73	1/2	933.99	1/2	589.25	1/2	244.52	1/2		1/2		1/2	
3/4	2,305.75	3/4	1,961.02	3/4	1,616.28	3/4	1,271.55	3/4	926.81	3/4	582.07	3/4	237.34	3/4		3/4		3/4	
4	2,298.57	4	1,953.84	4	1,609.10	4	1,264.37	4	919.63	4	574.89	4	230.16	4		4		4	
1/4	2,291.39	1/4	1,946.65	1/4	1,601.91	1/4	1,257.18	1/4	912.44	1/4	567.71	1/4	222.97	1/4		1/4		1/4	
1/2	2,284.21	1/2	1,939.47	1/2	1,594.73	1/2	1,250.00	1/2	905.26	1/2	560.53	1/2	215.79	1/2		1/2		1/2	
3/4	2,277.03	3/4	1,932.29	3/4	1,587.55	3/4	1,242.82	3/4	898.08	3/4	553.35	3/4	208.61	3/4		3/4		3/4	
5	2,269.85	5	1,925.11	5	1,580.37	5	1,235.64	5	890.90	5	546.17	5	201.43	5		5		5	
1/4	2,262.66	1/4	1,917.92	1/4	1,573.19	1/4	1,228.45	1/4	883.71	1/4	538.98	1/4	194.24	1/4		1/4		1/4	
1/2	2,255.48	1/2	1,910.74	1/2	1,566.01	1/2	1,221.27	1/2	876.53	1/2	531.80	1/2	187.06	1/2		1/2		1/2	
3/4	2,248.30	3/4	1,903.56	3/4	1,558.83	3/4	1,214.09	3/4	869.35	3/4	524.62	3/4	179.88	3/4		3/4		3/4	
6	2,241.12	6	1,896.38	6	1,551.65	6	1,206.91	6	862.17	6	517.44	6	172.70	6		6		6	
1/4	2,233.93	1/4	1,889.19	1/4	1,544.46	1/4	1,199.72	1/4	854.99	1/4	510.25	1/4	165.51	1/4		1/4		1/4	
1/2	2,226.75	1/2	1,882.01	1/2	1,537.28	1/2	1,192.54	1/2	847.81	1/2	503.07	1/2	158.33	1/2		1/2		1/2	
3/4	2,219.57	3/4	1,874.83	3/4	1,530.10	3/4	1,185.36	3/4	840.63	3/4	495.89	3/4	151.15	3/4		3/4		3/4	
7	2,212.39	7	1,867.65	7	1,522.92	7	1,178.18	7	833.45	7	488.71	7	143.97	7		7		7	
1/4	2,205.20	1/4	1,860.47	1/4	1,515.73	1/4	1,170.99	1/4	826.26	1/4	481.52	1/4	136.79	1/4		1/4		1/4	
1/2	2,198.02	1/2	1,853.29	1/2	1,508.55	1/2	1,163.81	1/2	819.08	1/2	474.34	1/2	129.61	1/2		1/2		1/2	
3/4	2,190.84	3/4	1,846.11	3/4	1,501.37	3/4	1,156.63	3/4	811.90	3/4	467.16	3/4	122.43	3/4		3/4		3/4	
8	2,183.66	8	1,838.93	8	1,494.19	8	1,149.45	8	804.72	8	459.98	8	115.25	8		8		8	
1/4	2,176.47	1/4	1,831.74	1/4	1,487.00	1/4	1,142.27	1/4	797.53	1/4	452.79	1/4	108.06	1/4		1/4		1/4	
1/2	2,169.29	1/2	1,824.56	1/2	1,479.82	1/2	1,135.09	1/2	790.35	1/2	445.61	1/2	100.88	1/2		1/2		1/2	
3/4	2,162.11	3/4	1,817.38	3/4	1,472.64	3/4	1,127.91	3/4	783.17	3/4	438.43	3/4	93.70	3/4		3/4		3/4	
9	2,154.93	9	1,810.20	9	1,465.46	9	1,120.73	9	775.99	9	431.25	9	86.52	9		9		9	
1/4	2,147.75	1/4	1,803.01	1/4	1,458.27	1/4	1,113.54	1/4	768.80	1/4	424.07	1/4	79.33	1/4		1/4		1/4	
1/2	2,140.57	1/2	1,795.83	1/2	1,451.09	1/2	1,106.36	1/2	761.62	1/2	416.89	1/2	72.15	1/2		1/2		1/2	
3/4	2,133.39	3/4	1,788.65	3/4	1,443.91	3/4	1,099.18	3/4	754.44	3/4	409.71	3/4	64.97	3/4		3/4		3/4	
10	2,126.21	10	1,781.47	10	1,436.73	10	1,092.00	10	747.26	10	402.53	10	58.04	10		10		10	
1/4	2,119.02	1/4	1,774.28	1/4	1,429.55	1/4	1,084.81	1/4	740.07	1/4	395.34	1/4	51.11	1/4		1/4		1/4	
1/2	2,111.84	1/2	1,767.10	1/2	1,422.37	1/2	1,077.63	1/2	732.89	1/2	388.16	1/2	44.18	1/2		1/2		1/2	
3/4	2,104.66	3/4	1,759.92	3/4	1,415.19	3/4	1,070.45	3/4	725.71	3/4	380.98	3/4	37.25	3/4		3/4		3/4	
11	2,097.48	11	1,752.74	11	1,408.01	11	1,063.27	11	718.53	11	373.80	11	32.11	11		11		11	
1/4	2,090.29	1/4	1,745.55	1/4	1,400.82	1/4	1,056.08	1/4	711.35	1/4	366.61	1/4	26.97	1/4		1/4		1/4	
1/2	2,083.11	1/2	1,738.37	1/2	1,393.64	1/2	1,048.90	1/2	704.17	1/2	359.43	1/2	21.84	1/2		1/2		1/2	
3/4	2,075.93	3/4	1,731.19	3/4	1,386.46	3/4	1,041.72	3/4	696.99	3/4	352.25	3/4	16.70	3/4		3/4		3/4	

STRAPPED: 11/20/2000 INSP
RECALCULATED: 05/14/2026 JS
NAME CHANGE: 05/14/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29172"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-0"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

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	4,832.02	0	4,489.08	0	4,144.35	0	3,799.61	0	3,454.87	0	3,110.14	0	2,765.40
1/4		1/4		1/4		1/4	4,824.88	1/4	4,481.90	1/4	4,137.17	1/4	3,792.43	1/4	3,447.69	1/4	3,102.96	1/4	2,758.22
1/2		1/2		1/2		1/2	4,817.73	1/2	4,474.71	1/2	4,129.98	1/2	3,785.24	1/2	3,440.51	1/2	3,095.77	1/2	2,751.03
3/4		3/4		3/4		3/4	4,810.59	3/4	4,467.53	3/4	4,122.80	3/4	3,778.06	3/4	3,433.33	3/4	3,088.59	3/4	2,743.85
1		1		1		1	4,803.45	1	4,460.35	1	4,115.62	1	3,770.88	1	3,426.15	1	3,081.41	1	2,736.67
1/4		1/4		1/4		1/4	4,796.31	1/4	4,453.17	1/4	4,108.44	1/4	3,763.70	1/4	3,418.97	1/4	3,074.23	1/4	2,729.49
1/2		1/2		1/2		1/2	4,789.16	1/2	4,445.99	1/2	4,101.25	1/2	3,756.51	1/2	3,411.78	1/2	3,067.04	1/2	2,722.31
3/4		3/4		3/4		3/4	4,782.02	3/4	4,438.81	3/4	4,094.07	3/4	3,749.33	3/4	3,404.60	3/4	3,059.86	3/4	2,715.13
2		2		2		2	4,774.88	2	4,431.63	2	4,086.89	2	3,742.15	2	3,397.42	2	3,052.68	2	2,707.95
1/4		1/4		1/4		1/4	4,767.74	1/4	4,424.45	1/4	4,079.71	1/4	3,734.97	1/4	3,390.24	1/4	3,045.50	1/4	2,700.77
1/2		1/2		1/2		1/2	4,760.59	1/2	4,417.26	1/2	4,072.52	1/2	3,727.79	1/2	3,383.05	1/2	3,038.31	1/2	2,693.58
3/4		3/4		3/4		3/4	4,753.45	3/4	4,410.08	3/4	4,065.34	3/4	3,720.61	3/4	3,375.87	3/4	3,031.13	3/4	2,686.40
3		3		3		3	4,746.31	3	4,402.90	3	4,058.16	3	3,713.43	3	3,368.69	3	3,023.95	3	2,679.22
1/4		1/4		1/4		1/4	4,739.17	1/4	4,395.72	1/4	4,050.98	1/4	3,706.25	1/4	3,361.51	1/4	3,016.77	1/4	2,672.04
1/2		1/2		1/2		1/2	4,732.02	1/2	4,388.53	1/2	4,043.79	1/2	3,699.06	1/2	3,354.32	1/2	3,009.59	1/2	2,664.85
3/4		3/4		3/4		3/4	4,724.88	3/4	4,381.35	3/4	4,036.61	3/4	3,691.88	3/4	3,347.14	3/4	3,002.41	3/4	2,657.67
4		4		4		4	4,717.74	4	4,374.17	4	4,029.43	4	3,684.70	4	3,339.96	4	2,995.23	4	2,650.49
1/4		1/4		1/4		1/4	4,710.59	1/4	4,366.99	1/4	4,022.25	1/4	3,677.52	1/4	3,332.78	1/4	2,988.05	1/4	2,643.31
1/2		1/2		1/2		1/2	4,703.45	1/2	4,359.80	1/2	4,015.07	1/2	3,670.33	1/2	3,325.59	1/2	2,980.86	1/2	2,636.12
3/4		3/4		3/4		3/4	4,696.30	3/4	4,352.62	3/4	4,007.89	3/4	3,663.15	3/4	3,318.41	3/4	2,973.68	3/4	2,628.94
5		5		5		5	4,689.16	5	4,345.44	5	4,000.71	5	3,655.97	5	3,311.23	5	2,966.50	5	2,621.76
1/4		1/4		1/4		1/4	4,928.88	1/4	4,682.02	1/4	4,338.26	1/4	3,993.53	1/4	3,648.79	1/4	3,304.05	1/4	2,959.32
1/2		1/2		1/2		1/2	4,928.48	1/2	4,674.87	1/2	4,331.07	1/2	3,986.34	1/2	3,641.60	1/2	3,296.87	1/2	2,952.13
3/4		3/4		3/4		3/4	4,928.09	3/4	4,667.73	3/4	4,323.89	3/4	3,979.16	3/4	3,634.42	3/4	3,289.69	3/4	2,944.95
6		6		6		6	4,927.69	6	4,660.59	6	4,316.71	6	3,971.98	6	3,627.24	6	3,282.51	6	2,937.77
1/4		1/4		1/4		1/4	4,926.36	1/4	4,653.45	1/4	4,309.53	1/4	3,964.80	1/4	3,620.06	1/4	3,275.33	1/4	2,930.59
1/2		1/2		1/2		1/2	4,925.03	1/2	4,646.30	1/2	4,302.35	1/2	3,957.61	1/2	3,612.87	1/2	3,268.14	1/2	2,923.40
3/4		3/4		3/4		3/4	4,923.70	3/4	4,639.16	3/4	4,295.17	3/4	3,950.43	3/4	3,605.69	3/4	3,260.96	3/4	2,916.22
7		7		7		7	4,922.37	7	4,632.02	7	4,287.99	7	3,943.25	7	3,598.51	7	3,253.78	7	2,909.04
1/4		1/4		1/4		1/4	4,919.98	1/4	4,624.88	1/4	4,280.81	1/4	3,936.07	1/4	3,591.33	1/4	3,246.60	1/4	2,901.86
1/2		1/2		1/2		1/2	4,917.58	1/2	4,617.73	1/2	4,273.62	1/2	3,928.88	1/2	3,584.15	1/2	3,239.41	1/2	2,894.67
3/4		3/4		3/4		3/4	4,915.19	3/4	4,610.59	3/4	4,266.44	3/4	3,921.70	3/4	3,576.97	3/4	3,232.23	3/4	2,887.49
8		8		8		8	4,912.80	8	4,603.45	8	4,259.26	8	3,914.52	8	3,569.79	8	3,225.05	8	2,880.31
1/4		1/4		1/4		1/4	4,909.34	1/4	4,596.31	1/4	4,252.08	1/4	3,907.34	1/4	3,562.61	1/4	3,217.87	1/4	2,873.13
1/2		1/2		1/2		1/2	4,905.87	1/2	4,589.16	1/2	4,244.89	1/2	3,900.15	1/2	3,555.42	1/2	3,210.68	1/2	2,865.95
3/4		3/4		3/4		3/4	4,902.41	3/4	4,582.02	3/4	4,237.71	3/4	3,892.97	3/4	3,548.24	3/4	3,203.50	3/4	2,858.77
9		9		9		9	4,898.95	9	4,574.88	9	4,230.53	9	3,885.79	9	3,541.06	9	3,196.32	9	2,851.59
1/4		1/4		1/4		1/4	4,894.42	1/4	4,567.73	1/4	4,223.35	1/4	3,878.61	1/4	3,533.88	1/4	3,189.14	1/4	2,844.41
1/2		1/2		1/2		1/2	4,889.89	1/2	4,560.59	1/2	4,216.16	1/2	3,871.43	1/2	3,526.69	1/2	3,181.95	1/2	2,837.22
3/4		3/4		3/4		3/4	4,885.37	3/4	4,553.44	3/4	4,208.98	3/4	3,864.25	3/4	3,519.51	3/4	3,174.77	3/4	2,830.04
10		10		10		10	4,880.84	10	4,546.30	10	4,201.80	10	3,857.07	10	3,512.33	10	3,167.59	10	2,822.86
1/4		1/4		1/4		1/4	4,875.24	1/4	4,539.16	1/4	4,194.62	1/4	3,849.89	1/4	3,505.15	1/4	3,160.41	1/4	2,815.68
1/2		1/2		1/2		1/2	4,869.65	1/2	4,532.01	1/2	4,187.43	1/2	3,842.70	1/2	3,497.96	1/2	3,153.23	1/2	2,808.49
3/4		3/4		3/4		3/4	4,864.05	3/4	4,524.87	3/4	4,180.25	3/4	3,835.52	3/4	3,490.78	3/4	3,146.05	3/4	2,801.31
11		11		11		11	4,858.46	11	4,517.73	11	4,173.07	11	3,828.34	11	3,483.60	11	3,138.87	11	2,794.13
1/4		1/4		1/4		1/4	4,851.85	1/4	4,510.57	1/4	4,165.89	1/4	3,821.16	1/4	3,476.42	1/4	3,131.69	1/4	2,786.95
1/2		1/2		1/2		1/2	4,845.24	1/2	4,503.40	1/2	4,158.71	1/2	3,813.97	1/2	3,469.23	1/2	3,124.50	1/2	2,779.76
3/4		3/4		3/4		3/4	4,838.63	3/4	4,496.24	3/4	4,151.53	3/4	3,806.79	3/4	3,462.05	3/4	3,117.32	3/4	2,772.58

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29172"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-0"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

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	2,420.67	0	2,075.93	0	1,731.19	0	1,386.46	0	1,041.72	0	696.99	0	352.25	0	16.70	0		0	
1/4	2,413.49	1/4	2,068.75	1/4	1,724.01	1/4	1,379.28	1/4	1,034.54	1/4	689.81	1/4	345.07	1/4		1/4		1/4	
1/2	2,406.30	1/2	2,061.56	1/2	1,716.83	1/2	1,372.09	1/2	1,027.35	1/2	682.62	1/2	337.88	1/2		1/2		1/2	
3/4	2,399.12	3/4	2,054.38	3/4	1,709.65	3/4	1,364.91	3/4	1,020.17	3/4	675.44	3/4	330.70	3/4		3/4		3/4	
1	2,391.94	1	2,047.20	1	1,702.47	1	1,357.73	1	1,012.99	1	668.26	1	323.52	1		1		1	
1/4	2,384.76	1/4	2,040.02	1/4	1,695.29	1/4	1,350.55	1/4	1,005.81	1/4	661.08	1/4	316.34	1/4		1/4		1/4	
1/2	2,377.57	1/2	2,032.83	1/2	1,688.10	1/2	1,343.36	1/2	998.63	1/2	653.89	1/2	309.15	1/2		1/2		1/2	
3/4	2,370.39	3/4	2,025.65	3/4	1,680.92	3/4	1,336.18	3/4	991.45	3/4	646.71	3/4	301.97	3/4		3/4		3/4	
2	2,363.21	2	2,018.47	2	1,673.74	2	1,329.00	2	984.27	2	639.53	2	294.79	2		2		2	
1/4	2,356.03	1/4	2,011.29	1/4	1,666.56	1/4	1,321.82	1/4	977.09	1/4	632.35	1/4	287.61	1/4		1/4		1/4	
1/2	2,348.84	1/2	2,004.11	1/2	1,659.37	1/2	1,314.63	1/2	969.90	1/2	625.16	1/2	280.43	1/2		1/2		1/2	
3/4	2,341.66	3/4	1,996.93	3/4	1,652.19	3/4	1,307.45	3/4	962.72	3/4	617.98	3/4	273.25	3/4		3/4		3/4	
3	2,334.48	3	1,989.75	3	1,645.01	3	1,300.27	3	955.54	3	610.80	3	266.07	3		3		3	
1/4	2,327.30	1/4	1,982.57	1/4	1,637.83	1/4	1,293.09	1/4	948.36	1/4	603.62	1/4	258.89	1/4		1/4		1/4	
1/2	2,320.11	1/2	1,975.38	1/2	1,630.64	1/2	1,285.91	1/2	941.17	1/2	596.43	1/2	251.70	1/2		1/2		1/2	
3/4	2,312.93	3/4	1,968.20	3/4	1,623.46	3/4	1,278.73	3/4	933.99	3/4	589.25	3/4	244.52	3/4		3/4		3/4	
4	2,305.75	4	1,961.02	4	1,616.28	4	1,271.55	4	926.81	4	582.07	4	237.34	4		4		4	
1/4	2,298.57	1/4	1,953.84	1/4	1,609.10	1/4	1,264.37	1/4	919.63	1/4	574.89	1/4	230.16	1/4		1/4		1/4	
1/2	2,291.39	1/2	1,946.65	1/2	1,601.91	1/2	1,257.18	1/2	912.44	1/2	567.71	1/2	222.97	1/2		1/2		1/2	
3/4	2,284.21	3/4	1,939.47	3/4	1,594.73	3/4	1,250.00	3/4	905.26	3/4	560.53	3/4	215.79	3/4		3/4		3/4	
5	2,277.03	5	1,932.29	5	1,587.55	5	1,242.82	5	898.08	5	553.35	5	208.61	5		5		5	
1/4	2,269.85	1/4	1,925.11	1/4	1,580.37	1/4	1,235.64	1/4	890.90	1/4	546.17	1/4	201.43	1/4		1/4		1/4	
1/2	2,262.66	1/2	1,917.92	1/2	1,573.19	1/2	1,228.45	1/2	883.71	1/2	538.98	1/2	194.24	1/2		1/2		1/2	
3/4	2,255.48	3/4	1,910.74	3/4	1,566.01	3/4	1,221.27	3/4	876.53	3/4	531.80	3/4	187.06	3/4		3/4		3/4	
6	2,248.30	6	1,903.56	6	1,558.83	6	1,214.09	6	869.35	6	524.62	6	179.88	6		6		6	
1/4	2,241.12	1/4	1,896.38	1/4	1,551.65	1/4	1,206.91	1/4	862.17	1/4	517.44	1/4	172.70	1/4		1/4		1/4	
1/2	2,233.93	1/2	1,889.19	1/2	1,544.46	1/2	1,199.72	1/2	854.99	1/2	510.25	1/2	165.51	1/2		1/2		1/2	
3/4	2,226.75	3/4	1,882.01	3/4	1,537.28	3/4	1,192.54	3/4	847.81	3/4	503.07	3/4	158.33	3/4		3/4		3/4	
7	2,219.57	7	1,874.83	7	1,530.10	7	1,185.36	7	840.63	7	495.89	7	151.15	7		7		7	
1/4	2,212.39	1/4	1,867.65	1/4	1,522.92	1/4	1,178.18	1/4	833.45	1/4	488.71	1/4	143.97	1/4		1/4		1/4	
1/2	2,205.20	1/2	1,860.47	1/2	1,515.73	1/2	1,170.99	1/2	826.26	1/2	481.52	1/2	136.79	1/2		1/2		1/2	
3/4	2,198.02	3/4	1,853.29	3/4	1,508.55	3/4	1,163.81	3/4	819.08	3/4	474.34	3/4	129.61	3/4		3/4		3/4	
8	2,190.84	8	1,846.11	8	1,501.37	8	1,156.63	8	811.90	8	467.16	8	122.43	8		8		8	
1/4	2,183.66	1/4	1,838.93	1/4	1,494.19	1/4	1,149.45	1/4	804.72	1/4	459.98	1/4	115.25	1/4		1/4		1/4	
1/2	2,176.47	1/2	1,831.74	1/2	1,487.00	1/2	1,142.27	1/2	797.53	1/2	452.79	1/2	108.06	1/2		1/2		1/2	
3/4	2,169.29	3/4	1,824.56	3/4	1,479.82	3/4	1,135.09	3/4	790.35	3/4	445.61	3/4	100.88	3/4		3/4		3/4	
9	2,162.11	9	1,817.38	9	1,472.64	9	1,127.91	9	783.17	9	438.43	9	93.70	9		9		9	
1/4	2,154.93	1/4	1,810.20	1/4	1,465.46	1/4	1,120.73	1/4	775.99	1/4	431.25	1/4	86.52	1/4		1/4		1/4	
1/2	2,147.75	1/2	1,803.01	1/2	1,458.27	1/2	1,113.54	1/2	768.80	1/2	424.07	1/2	79.33	1/2		1/2		1/2	
3/4	2,140.57	3/4	1,795.83	3/4	1,451.09	3/4	1,106.36	3/4	761.62	3/4	416.89	3/4	72.15	3/4		3/4		3/4	
10	2,133.39	10	1,788.65	10	1,443.91	10	1,099.18	10	754.44	10	409.71	10	64.97	10		10		10	
1/4	2,126.21	1/4	1,781.47	1/4	1,436.73	1/4	1,092.00	1/4	747.26	1/4	402.53	1/4	58.04	1/4		1/4		1/4	
1/2	2,119.02	1/2	1,774.28	1/2	1,429.55	1/2	1,084.81	1/2	740.07	1/2	395.34	1/2	51.11	1/2		1/2		1/2	
3/4	2,111.84	3/4	1,767.10	3/4	1,422.37	3/4	1,077.63	3/4	732.89	3/4	388.16	3/4	44.18	3/4		3/4		3/4	
11	2,104.66	11	1,759.92	11	1,415.19	11	1,070.45	11	725.71	11	380.98	11	37.25	11		11		11	
1/4	2,097.48	1/4	1,752.74	1/4	1,408.01	1/4	1,063.27	1/4	718.53	1/4	373.80	1/4	32.11	1/4		1/4		1/4	
1/2	2,090.29	1/2	1,745.55	1/2	1,400.82	1/2	1,056.08	1/2	711.35	1/2	366.61	1/2	26.97	1/2		1/2		1/2	
3/4	2,083.11	3/4	1,738.37	3/4	1,393.64	3/4	1,048.90	3/4	704.17	3/4	359.43	3/4	21.84	3/4		3/4		3/4	

STRAPPED: 11/20/2000 INSP
RECALCULATED: 05/14/2026 JS
NAME CHANGE: 05/14/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29172"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

GAUGE HEIGHT 16'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,625.43	0	4,372.61	0	4,119.79	0	3,866.98	0	3,613.20	0	3,271.66	0	2,907.00
1/4		1/4		1/4		1/4	4,620.16	1/4	4,367.34	1/4	4,114.53	1/4	3,861.71	1/4	3,607.57	1/4	3,264.06	1/4	2,899.40
1/2		1/2		1/2		1/2	4,614.89	1/2	4,362.07	1/2	4,109.26	1/2	3,856.44	1/2	3,601.95	1/2	3,256.46	1/2	2,891.80
3/4		3/4		3/4		3/4	4,609.62	3/4	4,356.80	3/4	4,103.99	3/4	3,851.17	3/4	3,595.99	3/4	3,248.86	3/4	2,884.20
1		1		1		1	4,604.36	1	4,351.54	1	4,098.73	1	3,845.91	1	3,590.04	1	3,241.27	1	2,876.61
1/4		1/4		1/4		1/4	4,599.09	1/4	4,346.27	1/4	4,093.46	1/4	3,840.64	1/4	3,584.08	1/4	3,233.67	1/4	2,869.01
1/2		1/2		1/2		1/2	4,593.82	1/2	4,341.00	1/2	4,088.19	1/2	3,835.37	1/2	3,578.12	1/2	3,226.07	1/2	2,861.41
3/4		3/4		3/4		3/4	4,588.55	3/4	4,335.74	3/4	4,082.92	3/4	3,830.10	3/4	3,571.82	3/4	3,218.47	3/4	2,853.82
2		2		2		2	4,583.29	2	4,330.47	2	4,077.66	2	3,824.84	2	3,565.52	2	3,210.88	2	2,846.22
1/4		1/4		1/4		1/4	4,578.02	1/4	4,325.21	1/4	4,072.39	1/4	3,819.57	1/4	3,559.21	1/4	3,203.28	1/4	2,838.63
1/2		1/2		1/2		1/2	4,572.75	1/2	4,319.94	1/2	4,067.12	1/2	3,814.30	1/2	3,552.91	1/2	3,195.68	1/2	2,831.03
3/4		3/4		3/4		3/4	4,567.48	3/4	4,314.67	3/4	4,061.85	3/4	3,809.04	3/4	3,546.26	3/4	3,188.08	3/4	2,823.43
3		3		3		3	4,562.22	3	4,309.41	3	4,056.59	3	3,803.77	3	3,539.62	3	3,180.49	3	2,815.84
1/4		1/4		1/4		1/4	4,556.95	1/4	4,304.14	1/4	4,051.32	1/4	3,798.51	1/4	3,532.97	1/4	3,172.89	1/4	2,808.24
1/2		1/2		1/2		1/2	4,551.68	1/2	4,298.87	1/2	4,046.05	1/2	3,793.24	1/2	3,526.32	1/2	3,165.29	1/2	2,800.64
3/4		3/4		3/4		3/4	4,546.42	3/4	4,293.60	3/4	4,040.78	3/4	3,787.97	3/4	3,519.33	3/4	3,157.70	3/4	2,793.04
4		4		4		4	4,541.15	4	4,288.34	4	4,035.52	4	3,782.71	4	3,512.34	4	3,150.10	4	2,785.45
1/4		1/4		1/4		1/4	4,535.89	1/4	4,283.07	1/4	4,030.25	1/4	3,777.44	1/4	3,505.34	1/4	3,142.51	1/4	2,777.85
1/2		1/2		1/2		1/2	4,530.62	1/2	4,277.80	1/2	4,024.98	1/2	3,772.17	1/2	3,498.35	1/2	3,134.91	1/2	2,770.25
3/4		3/4		3/4	4,707.00	3/4	4,525.35	3/4	4,272.53	3/4	4,019.72	3/4	3,766.90	3/4	3,491.01	3/4	3,127.31	3/4	2,762.65
5		5		5	4,706.71	5	4,520.09	5	4,267.27	5	4,014.45	5	3,761.64	5	3,483.68	5	3,119.72	5	2,755.06
1/4		1/4		1/4	4,706.42	1/4	4,514.82	1/4	4,262.00	1/4	4,009.19	1/4	3,756.37	1/4	3,476.34	1/4	3,112.12	1/4	2,747.46
1/2		1/2		1/2	4,706.13	1/2	4,509.55	1/2	4,256.73	1/2	4,003.92	1/2	3,751.10	1/2	3,469.00	1/2	3,104.52	1/2	2,739.86
3/4		3/4		3/4	4,705.16	3/4	4,504.28	3/4	4,251.46	3/4	3,998.65	3/4	3,745.83	3/4	3,461.45	3/4	3,096.92	3/4	2,732.26
6		6		6	4,704.19	6	4,499.02	6	4,246.20	6	3,993.39	6	3,740.57	6	3,453.90	6	3,089.33	6	2,724.67
1/4		1/4		1/4	4,703.22	1/4	4,493.75	1/4	4,240.93	1/4	3,988.12	1/4	3,735.30	1/4	3,446.34	1/4	3,081.73	1/4	2,717.07
1/2		1/2		1/2	4,702.25	1/2	4,488.48	1/2	4,235.66	1/2	3,982.85	1/2	3,730.03	1/2	3,438.79	1/2	3,074.13	1/2	2,709.47
3/4		3/4		3/4	4,700.50	3/4	4,483.21	3/4	4,230.40	3/4	3,977.58	3/4	3,724.76	3/4	3,431.19	3/4	3,066.53	3/4	2,701.88
7		7		7	4,698.75	7	4,477.95	7	4,225.13	7	3,972.32	7	3,719.50	7	3,423.60	7	3,058.94	7	2,694.28
1/4		1/4		1/4	4,696.99	1/4	4,472.68	1/4	4,219.87	1/4	3,967.05	1/4	3,714.23	1/4	3,416.00	1/4	3,051.34	1/4	2,686.69
1/2		1/2		1/2	4,695.24	1/2	4,467.41	1/2	4,214.60	1/2	3,961.78	1/2	3,708.96	1/2	3,408.40	1/2	3,043.74	1/2	2,679.09
3/4		3/4		3/4	4,692.71	3/4	4,462.14	3/4	4,209.33	3/4	3,956.51	3/4	3,703.70	3/4	3,400.80	3/4	3,036.14	3/4	2,671.49
8		8		8	4,690.17	8	4,456.88	8	4,204.07	8	3,951.25	8	3,698.43	8	3,393.21	8	3,028.55	8	2,663.90
1/4		1/4		1/4	4,687.64	1/4	4,451.61	1/4	4,198.80	1/4	3,945.98	1/4	3,693.17	1/4	3,385.61	1/4	3,020.95	1/4	2,656.30
1/2		1/2		1/2	4,685.10	1/2	4,446.34	1/2	4,193.53	1/2	3,940.71	1/2	3,687.90	1/2	3,378.01	1/2	3,013.35	1/2	2,648.70
3/4		3/4		3/4	4,681.79	3/4	4,441.08	3/4	4,188.26	3/4	3,935.44	3/4	3,682.63	3/4	3,370.41	3/4	3,005.76	3/4	2,641.10
9		9		9	4,678.47	9	4,435.81	9	4,183.00	9	3,930.18	9	3,677.37	9	3,362.82	9	2,998.16	9	2,633.51
1/4		1/4		1/4	4,675.16	1/4	4,430.55	1/4	4,177.73	1/4	3,924.91	1/4	3,672.10	1/4	3,355.22	1/4	2,990.57	1/4	2,625.91
1/2		1/2		1/2	4,671.84	1/2	4,425.28	1/2	4,172.46	1/2	3,919.64	1/2	3,666.83	1/2	3,347.62	1/2	2,982.97	1/2	2,618.31
3/4		3/4		3/4	4,667.75	3/4	4,420.01	3/4	4,167.19	3/4	3,914.38	3/4	3,661.56	3/4	3,340.02	3/4	2,975.37	3/4	2,610.71
10		10		10	4,663.65	10	4,414.75	10	4,161.93	10	3,909.11	10	3,656.30	10	3,332.43	10	2,967.78	10	2,603.12
1/4		1/4		1/4	4,659.56	1/4	4,409.48	1/4	4,156.66	1/4	3,903.85	1/4	3,651.03	1/4	3,324.83	1/4	2,960.18	1/4	2,595.52
1/2		1/2		1/2	4,655.46	1/2	4,404.21	1/2	4,151.39	1/2	3,898.58	1/2	3,645.76	1/2	3,317.23	1/2	2,952.58	1/2	2,587.92
3/4		3/4		3/4	4,650.59	3/4	4,398.94	3/4	4,146.12	3/4	3,893.31	3/4	3,640.43	3/4	3,309.64	3/4	2,944.98	3/4	2,580.32
11		11		11	4,645.71	11	4,393.68	11	4,140.86	11	3,888.05	11	3,635.10	11	3,302.04	11	2,937.39	11	2,572.73
1/4		1/4		1/4	4,640.84	1/4	4,388.41	1/4	4,135.59	1/4	3,882.78	1/4	3,629.77	1/4	3,294.45	1/4	2,929.79	1/4	2,565.13
1/2		1/2		1/2	4,635.96	1/2	4,383.14	1/2	4,130.32	1/2	3,877.51	1/2	3,624.44	1/2	3,286.85	1/2	2,922.19	1/2	2,557.53
3/4		3/4		3/4	4,630.69	3/4	4,377.87	3/4	4,125.06	3/4	3,872.24	3/4	3,618.82	3/4	3,279.25	3/4	2,914.59	3/4	2,549.94

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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

Tom J. Macmillan



BARGE "KIRBY 29172"

3 PORT

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 16'-11 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

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	2,542.34	0	2,177.69	0	1,813.03	0	1,448.38	0	1,083.72	0	720.78	0	356.80	0		0		0	
1/4	2,534.75	1/4	2,170.09	1/4	1,805.43	1/4	1,440.78	1/4	1,076.12	1/4	713.23	1/4	349.21	1/4		1/4		1/4	
1/2	2,527.15	1/2	2,162.49	1/2	1,797.83	1/2	1,433.18	1/2	1,068.52	1/2	705.67	1/2	341.62	1/2		1/2		1/2	
3/4	2,519.55	3/4	2,154.89	3/4	1,790.24	3/4	1,425.58	3/4	1,060.92	3/4	698.12	3/4	334.03	3/4		3/4		3/4	
1	2,511.96	1	2,147.30	1	1,782.64	1	1,417.99	1	1,053.33	1	690.56	1	326.45	1		1		1	
1/4	2,504.36	1/4	2,139.70	1/4	1,775.05	1/4	1,410.39	1/4	1,045.73	1/4	683.01	1/4	318.86	1/4		1/4		1/4	
1/2	2,496.76	1/2	2,132.10	1/2	1,767.45	1/2	1,402.79	1/2	1,038.13	1/2	675.45	1/2	311.27	1/2		1/2		1/2	
3/4	2,489.16	3/4	2,124.50	3/4	1,759.85	3/4	1,395.19	3/4	1,030.58	3/4	667.86	3/4	303.68	3/4		3/4		3/4	
2	2,481.57	2	2,116.91	2	1,752.26	2	1,387.60	2	1,023.02	2	660.28	2	296.10	2		2		2	
1/4	2,473.97	1/4	2,109.31	1/4	1,744.66	1/4	1,380.00	1/4	1,015.47	1/4	652.69	1/4	288.51	1/4		1/4		1/4	
1/2	2,466.37	1/2	2,101.71	1/2	1,737.06	1/2	1,372.40	1/2	1,007.91	1/2	645.10	1/2	280.92	1/2		1/2		1/2	
3/4	2,458.77	3/4	2,094.12	3/4	1,729.46	3/4	1,364.80	3/4	1,000.36	3/4	637.51	3/4	273.33	3/4		3/4		3/4	
3	2,451.18	3	2,086.52	3	1,721.87	3	1,357.21	3	992.80	3	629.93	3	265.75	3		3		3	
1/4	2,443.58	1/4	2,078.93	1/4	1,714.27	1/4	1,349.61	1/4	985.25	1/4	622.34	1/4	258.16	1/4		1/4		1/4	
1/2	2,435.98	1/2	2,071.33	1/2	1,706.67	1/2	1,342.01	1/2	977.69	1/2	614.75	1/2	250.57	1/2		1/2		1/2	
3/4	2,428.38	3/4	2,063.73	3/4	1,699.07	3/4	1,334.42	3/4	970.13	3/4	607.16	3/4	242.99	3/4		3/4		3/4	
4	2,420.79	4	2,056.14	4	1,691.48	4	1,326.82	4	962.58	4	599.58	4	235.40	4		4		4	
1/4	2,413.19	1/4	2,048.54	1/4	1,683.88	1/4	1,319.23	1/4	955.02	1/4	591.99	1/4	227.82	1/4		1/4		1/4	
1/2	2,405.59	1/2	2,040.94	1/2	1,676.28	1/2	1,311.63	1/2	947.46	1/2	584.40	1/2	220.23	1/2		1/2		1/2	
3/4	2,398.00	3/4	2,033.34	3/4	1,668.68	3/4	1,304.03	3/4	939.91	3/4	576.81	3/4	212.64	3/4		3/4		3/4	
5	2,390.40	5	2,025.75	5	1,661.09	5	1,296.44	5	932.35	5	569.23	5	205.06	5		5		5	
1/4	2,382.81	1/4	2,018.15	1/4	1,653.49	1/4	1,288.84	1/4	924.80	1/4	561.64	1/4	197.47	1/4		1/4		1/4	
1/2	2,375.21	1/2	2,010.55	1/2	1,645.89	1/2	1,281.24	1/2	917.24	1/2	554.05	1/2	189.88	1/2		1/2		1/2	
3/4	2,367.61	3/4	2,002.95	3/4	1,638.30	3/4	1,273.64	3/4	909.68	3/4	546.47	3/4	182.29	3/4		3/4		3/4	
6	2,360.02	6	1,995.36	6	1,630.70	6	1,266.05	6	902.13	6	538.88	6	174.71	6		6		6	
1/4	2,352.42	1/4	1,987.76	1/4	1,623.11	1/4	1,258.45	1/4	894.57	1/4	531.30	1/4	167.12	1/4		1/4		1/4	
1/2	2,344.82	1/2	1,980.16	1/2	1,615.51	1/2	1,250.85	1/2	887.01	1/2	523.71	1/2	159.53	1/2		1/2		1/2	
3/4	2,337.22	3/4	1,972.56	3/4	1,607.91	3/4	1,243.25	3/4	879.46	3/4	516.12	3/4	151.94	3/4		3/4		3/4	
7	2,329.63	7	1,964.97	7	1,600.32	7	1,235.66	7	871.90	7	508.54	7	144.36	7		7		7	
1/4	2,322.03	1/4	1,957.37	1/4	1,592.72	1/4	1,228.06	1/4	864.35	1/4	500.95	1/4	136.77	1/4		1/4		1/4	
1/2	2,314.43	1/2	1,949.77	1/2	1,585.12	1/2	1,220.46	1/2	856.79	1/2	493.36	1/2	129.18	1/2		1/2		1/2	
3/4	2,306.83	3/4	1,942.18	3/4	1,577.52	3/4	1,212.86	3/4	849.24	3/4	485.77	3/4	121.59	3/4		3/4		3/4	
8	2,299.24	8	1,934.58	8	1,569.93	8	1,205.27	8	841.68	8	478.19	8	114.01	8		8		8	
1/4	2,291.64	1/4	1,926.99	1/4	1,562.33	1/4	1,197.67	1/4	834.13	1/4	470.60	1/4	106.42	1/4		1/4		1/4	
1/2	2,284.04	1/2	1,919.39	1/2	1,554.73	1/2	1,190.07	1/2	826.57	1/2	463.01	1/2	98.83	1/2		1/2		1/2	
3/4	2,276.44	3/4	1,911.79	3/4	1,547.13	3/4	1,182.48	3/4	819.01	3/4	455.42	3/4	91.25	3/4		3/4		3/4	
9	2,268.85	9	1,904.20	9	1,539.54	9	1,174.88	9	811.46	9	447.84	9	83.66	9		9		9	
1/4	2,261.25	1/4	1,896.60	1/4	1,531.94	1/4	1,167.29	1/4	803.90	1/4	440.25	1/4	76.08	1/4		1/4		1/4	
1/2	2,253.65	1/2	1,889.00	1/2	1,524.34	1/2	1,159.69	1/2	796.34	1/2	432.66	1/2	68.49	1/2		1/2		1/2	
3/4	2,246.06	3/4	1,881.40	3/4	1,516.74	3/4	1,152.09	3/4	788.79	3/4	425.07	3/4	61.17	3/4		3/4		3/4	
10	2,238.46	10	1,873.81	10	1,509.15	10	1,144.50	10	781.23	10	417.49	10	53.86	10		10		10	
1/4	2,230.87	1/4	1,866.21	1/4	1,501.55	1/4	1,136.90	1/4	773.68	1/4	409.90	1/4	46.54	1/4		1/4		1/4	
1/2	2,223.27	1/2	1,858.61	1/2	1,493.95	1/2	1,129.30	1/2	766.12	1/2	402.31	1/2	39.22	1/2		1/2		1/2	
3/4	2,215.67	3/4	1,851.01	3/4	1,486.36	3/4	1,121.70	3/4	758.56	3/4	394.73	3/4	33.81	3/4		3/4		3/4	
11	2,208.08	11	1,843.42	11	1,478.76	11	1,114.11	11	751.01	11	387.14	11	28.39	11		11		11	
1/4	2,200.48	1/4	1,835.82	1/4	1,471.17	1/4	1,106.51	1/4	743.45	1/4	379.56	1/4	22.98	1/4		1/4		1/4	
1/2	2,192.88	1/2	1,828.22	1/2	1,463.57	1/2	1,098.91	1/2	735.89	1/2	371.97	1/2	17.56	1/2		1/2		1/2	
3/4	2,185.28	3/4	1,820.62	3/4	1,455.97	3/4	1,091.31	3/4	728.34	3/4	364.38	3/4		3/4		3/4		3/4	

STRAPPED: 11/20/2000 INSP
RECALCULATED: 05/14/2026 JS
NAME CHANGE: 05/14/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29172"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-11 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

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	4,625.43	0	4,372.61	0	4,119.79	0	3,866.98	0	3,613.20	0	3,271.66	0	2,907.00
1/4		1/4		1/4		1/4	4,620.16	1/4	4,367.34	1/4	4,114.53	1/4	3,861.71	1/4	3,607.57	1/4	3,264.06	1/4	2,899.40
1/2		1/2		1/2		1/2	4,614.89	1/2	4,362.07	1/2	4,109.26	1/2	3,856.44	1/2	3,601.95	1/2	3,256.46	1/2	2,891.80
3/4		3/4		3/4		3/4	4,609.62	3/4	4,356.80	3/4	4,103.99	3/4	3,851.17	3/4	3,595.99	3/4	3,248.86	3/4	2,884.20
1		1		1		1	4,604.36	1	4,351.54	1	4,098.73	1	3,845.91	1	3,590.04	1	3,241.27	1	2,876.61
1/4		1/4		1/4		1/4	4,599.09	1/4	4,346.27	1/4	4,093.46	1/4	3,840.64	1/4	3,584.08	1/4	3,233.67	1/4	2,869.01
1/2		1/2		1/2		1/2	4,593.82	1/2	4,341.00	1/2	4,088.19	1/2	3,835.37	1/2	3,578.12	1/2	3,226.07	1/2	2,861.41
3/4		3/4		3/4		3/4	4,588.55	3/4	4,335.74	3/4	4,082.92	3/4	3,830.10	3/4	3,571.82	3/4	3,218.47	3/4	2,853.82
2		2		2		2	4,583.29	2	4,330.47	2	4,077.66	2	3,824.84	2	3,565.52	2	3,210.88	2	2,846.22
1/4		1/4		1/4		1/4	4,578.02	1/4	4,325.21	1/4	4,072.39	1/4	3,819.57	1/4	3,559.21	1/4	3,203.28	1/4	2,838.63
1/2		1/2		1/2		1/2	4,572.75	1/2	4,319.94	1/2	4,067.12	1/2	3,814.30	1/2	3,552.91	1/2	3,195.68	1/2	2,831.03
3/4		3/4		3/4		3/4	4,567.48	3/4	4,314.67	3/4	4,061.85	3/4	3,809.04	3/4	3,546.26	3/4	3,188.08	3/4	2,823.43
3		3		3		3	4,562.22	3	4,309.41	3	4,056.59	3	3,803.77	3	3,539.62	3	3,180.49	3	2,815.84
1/4		1/4		1/4		1/4	4,556.95	1/4	4,304.14	1/4	4,051.32	1/4	3,798.51	1/4	3,532.97	1/4	3,172.89	1/4	2,808.24
1/2		1/2		1/2		1/2	4,551.68	1/2	4,298.87	1/2	4,046.05	1/2	3,793.24	1/2	3,526.32	1/2	3,165.29	1/2	2,800.64
3/4		3/4		3/4		3/4	4,546.42	3/4	4,293.60	3/4	4,040.78	3/4	3,787.97	3/4	3,519.33	3/4	3,157.70	3/4	2,793.04
4		4		4		4	4,541.15	4	4,288.34	4	4,035.52	4	3,782.71	4	3,512.34	4	3,150.10	4	2,785.45
1/4		1/4		1/4		1/4	4,535.89	1/4	4,283.07	1/4	4,030.25	1/4	3,777.44	1/4	3,505.34	1/4	3,142.51	1/4	2,777.85
1/2		1/2		1/2		1/2	4,530.62	1/2	4,277.80	1/2	4,024.98	1/2	3,772.17	1/2	3,498.35	1/2	3,134.91	1/2	2,770.25
3/4		3/4		3/4	4,707.00	3/4	4,525.35	3/4	4,272.53	3/4	4,019.72	3/4	3,766.90	3/4	3,491.01	3/4	3,127.31	3/4	2,762.65
5		5		5	4,706.71	5	4,520.09	5	4,267.27	5	4,014.45	5	3,761.64	5	3,483.68	5	3,119.72	5	2,755.06
1/4		1/4		1/4	4,706.42	1/4	4,514.82	1/4	4,262.00	1/4	4,009.19	1/4	3,756.37	1/4	3,476.34	1/4	3,112.12	1/4	2,747.46
1/2		1/2		1/2	4,706.13	1/2	4,509.55	1/2	4,256.73	1/2	4,003.92	1/2	3,751.10	1/2	3,469.00	1/2	3,104.52	1/2	2,739.86
3/4		3/4		3/4	4,705.16	3/4	4,504.28	3/4	4,251.46	3/4	3,998.65	3/4	3,745.83	3/4	3,461.45	3/4	3,096.92	3/4	2,732.26
6		6		6	4,704.19	6	4,499.02	6	4,246.20	6	3,993.39	6	3,740.57	6	3,453.90	6	3,089.33	6	2,724.67
1/4		1/4		1/4	4,703.22	1/4	4,493.75	1/4	4,240.93	1/4	3,988.12	1/4	3,735.30	1/4	3,446.34	1/4	3,081.73	1/4	2,717.07
1/2		1/2		1/2	4,702.25	1/2	4,488.48	1/2	4,235.66	1/2	3,982.85	1/2	3,730.03	1/2	3,438.79	1/2	3,074.13	1/2	2,709.47
3/4		3/4		3/4	4,700.50	3/4	4,483.21	3/4	4,230.40	3/4	3,977.58	3/4	3,724.76	3/4	3,431.19	3/4	3,066.53	3/4	2,701.88
7		7		7	4,698.75	7	4,477.95	7	4,225.13	7	3,972.32	7	3,719.50	7	3,423.60	7	3,058.94	7	2,694.28
1/4		1/4		1/4	4,696.99	1/4	4,472.68	1/4	4,219.87	1/4	3,967.05	1/4	3,714.23	1/4	3,416.00	1/4	3,051.34	1/4	2,686.69
1/2		1/2		1/2	4,695.24	1/2	4,467.41	1/2	4,214.60	1/2	3,961.78	1/2	3,708.96	1/2	3,408.40	1/2	3,043.74	1/2	2,679.09
3/4		3/4		3/4	4,692.71	3/4	4,462.14	3/4	4,209.33	3/4	3,956.51	3/4	3,703.70	3/4	3,400.80	3/4	3,036.14	3/4	2,671.49
8		8		8	4,690.17	8	4,456.88	8	4,204.07	8	3,951.25	8	3,698.43	8	3,393.21	8	3,028.55	8	2,663.90
1/4		1/4		1/4	4,687.64	1/4	4,451.61	1/4	4,198.80	1/4	3,945.98	1/4	3,693.17	1/4	3,385.61	1/4	3,020.95	1/4	2,656.30
1/2		1/2		1/2	4,685.10	1/2	4,446.34	1/2	4,193.53	1/2	3,940.71	1/2	3,687.90	1/2	3,378.01	1/2	3,013.35	1/2	2,648.70
3/4		3/4		3/4	4,681.79	3/4	4,441.08	3/4	4,188.26	3/4	3,935.44	3/4	3,682.63	3/4	3,370.41	3/4	3,005.76	3/4	2,641.10
9		9		9	4,678.47	9	4,435.81	9	4,183.00	9	3,930.18	9	3,677.37	9	3,362.82	9	2,998.16	9	2,633.51
1/4		1/4		1/4	4,675.16	1/4	4,430.55	1/4	4,177.73	1/4	3,924.91	1/4	3,672.10	1/4	3,355.22	1/4	2,990.57	1/4	2,625.91
1/2		1/2		1/2	4,671.84	1/2	4,425.28	1/2	4,172.46	1/2	3,919.64	1/2	3,666.83	1/2	3,347.62	1/2	2,982.97	1/2	2,618.31
3/4		3/4		3/4	4,667.75	3/4	4,420.01	3/4	4,167.19	3/4	3,914.38	3/4	3,661.56	3/4	3,340.02	3/4	2,975.37	3/4	2,610.71
10		10		10	4,663.65	10	4,414.75	10	4,161.93	10	3,909.11	10	3,656.30	10	3,332.43	10	2,967.78	10	2,603.12
1/4		1/4		1/4	4,659.56	1/4	4,409.48	1/4	4,156.66	1/4	3,903.85	1/4	3,651.03	1/4	3,324.83	1/4	2,960.18	1/4	2,595.52
1/2		1/2		1/2	4,655.46	1/2	4,404.21	1/2	4,151.39	1/2	3,898.58	1/2	3,645.76	1/2	3,317.23	1/2	2,952.58	1/2	2,587.92
3/4		3/4		3/4	4,650.59	3/4	4,398.94	3/4	4,146.12	3/4	3,893.31	3/4	3,640.43	3/4	3,309.64	3/4	2,944.98	3/4	2,580.32
11		11		11	4,645.71	11	4,393.68	11	4,140.86	11	3,888.05	11	3,635.10	11	3,302.04	11	2,937.39	11	2,572.73
1/4		1/4		1/4	4,640.84	1/4	4,388.41	1/4	4,135.59	1/4	3,882.78	1/4	3,629.77	1/4	3,294.45	1/4	2,929.79	1/4	2,565.13
1/2		1/2		1/2	4,635.96	1/2	4,383.14	1/2	4,130.32	1/2	3,877.51	1/2	3,624.44	1/2	3,286.85	1/2	2,922.19	1/2	2,557.53
3/4		3/4		3/4	4,630.69	3/4	4,377.87	3/4	4,125.06	3/4	3,872.24	3/4	3,618.82	3/4	3,279.25	3/4	2,914.59	3/4	2,549.94

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 ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29172"

3 STBD

ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 3032"

GAUGE HEIGHT 16'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,542.34	0	2,177.69	0	1,813.03	0	1,448.38	0	1,083.72	0	720.78	0	356.80	0		0		0	
1/4	2,534.75	1/4	2,170.09	1/4	1,805.43	1/4	1,440.78	1/4	1,076.12	1/4	713.23	1/4	349.21	1/4		1/4		1/4	
1/2	2,527.15	1/2	2,162.49	1/2	1,797.83	1/2	1,433.18	1/2	1,068.52	1/2	705.67	1/2	341.62	1/2		1/2		1/2	
3/4	2,519.55	3/4	2,154.89	3/4	1,790.24	3/4	1,425.58	3/4	1,060.92	3/4	698.12	3/4	334.03	3/4		3/4		3/4	
1	2,511.96	1	2,147.30	1	1,782.64	1	1,417.99	1	1,053.33	1	690.56	1	326.45	1		1		1	
1/4	2,504.36	1/4	2,139.70	1/4	1,775.05	1/4	1,410.39	1/4	1,045.73	1/4	683.01	1/4	318.86	1/4		1/4		1/4	
1/2	2,496.76	1/2	2,132.10	1/2	1,767.45	1/2	1,402.79	1/2	1,038.13	1/2	675.45	1/2	311.27	1/2		1/2		1/2	
3/4	2,489.16	3/4	2,124.50	3/4	1,759.85	3/4	1,395.19	3/4	1,030.58	3/4	667.86	3/4	303.68	3/4		3/4		3/4	
2	2,481.57	2	2,116.91	2	1,752.26	2	1,387.60	2	1,023.02	2	660.28	2	296.10	2		2		2	
1/4	2,473.97	1/4	2,109.31	1/4	1,744.66	1/4	1,380.00	1/4	1,015.47	1/4	652.69	1/4	288.51	1/4		1/4		1/4	
1/2	2,466.37	1/2	2,101.71	1/2	1,737.06	1/2	1,372.40	1/2	1,007.91	1/2	645.10	1/2	280.92	1/2		1/2		1/2	
3/4	2,458.77	3/4	2,094.12	3/4	1,729.46	3/4	1,364.80	3/4	1,000.36	3/4	637.51	3/4	273.33	3/4		3/4		3/4	
3	2,451.18	3	2,086.52	3	1,721.87	3	1,357.21	3	992.80	3	629.93	3	265.75	3		3		3	
1/4	2,443.58	1/4	2,078.93	1/4	1,714.27	1/4	1,349.61	1/4	985.25	1/4	622.34	1/4	258.16	1/4		1/4		1/4	
1/2	2,435.98	1/2	2,071.33	1/2	1,706.67	1/2	1,342.01	1/2	977.69	1/2	614.75	1/2	250.57	1/2		1/2		1/2	
3/4	2,428.38	3/4	2,063.73	3/4	1,699.07	3/4	1,334.42	3/4	970.13	3/4	607.16	3/4	242.99	3/4		3/4		3/4	
4	2,420.79	4	2,056.14	4	1,691.48	4	1,326.82	4	962.58	4	599.58	4	235.40	4		4		4	
1/4	2,413.19	1/4	2,048.54	1/4	1,683.88	1/4	1,319.23	1/4	955.02	1/4	591.99	1/4	227.82	1/4		1/4		1/4	
1/2	2,405.59	1/2	2,040.94	1/2	1,676.28	1/2	1,311.63	1/2	947.46	1/2	584.40	1/2	220.23	1/2		1/2		1/2	
3/4	2,398.00	3/4	2,033.34	3/4	1,668.68	3/4	1,304.03	3/4	939.91	3/4	576.81	3/4	212.64	3/4		3/4		3/4	
5	2,390.40	5	2,025.75	5	1,661.09	5	1,296.44	5	932.35	5	569.23	5	205.06	5		5		5	
1/4	2,382.81	1/4	2,018.15	1/4	1,653.49	1/4	1,288.84	1/4	924.80	1/4	561.64	1/4	197.47	1/4		1/4		1/4	
1/2	2,375.21	1/2	2,010.55	1/2	1,645.89	1/2	1,281.24	1/2	917.24	1/2	554.05	1/2	189.88	1/2		1/2		1/2	
3/4	2,367.61	3/4	2,002.95	3/4	1,638.30	3/4	1,273.64	3/4	909.68	3/4	546.47	3/4	182.29	3/4		3/4		3/4	
6	2,360.02	6	1,995.36	6	1,630.70	6	1,266.05	6	902.13	6	538.88	6	174.71	6		6		6	
1/4	2,352.42	1/4	1,987.76	1/4	1,623.11	1/4	1,258.45	1/4	894.57	1/4	531.30	1/4	167.12	1/4		1/4		1/4	
1/2	2,344.82	1/2	1,980.16	1/2	1,615.51	1/2	1,250.85	1/2	887.01	1/2	523.71	1/2	159.53	1/2		1/2		1/2	
3/4	2,337.22	3/4	1,972.56	3/4	1,607.91	3/4	1,243.25	3/4	879.46	3/4	516.12	3/4	151.94	3/4		3/4		3/4	
7	2,329.63	7	1,964.97	7	1,600.32	7	1,235.66	7	871.90	7	508.54	7	144.36	7		7		7	
1/4	2,322.03	1/4	1,957.37	1/4	1,592.72	1/4	1,228.06	1/4	864.35	1/4	500.95	1/4	136.77	1/4		1/4		1/4	
1/2	2,314.43	1/2	1,949.77	1/2	1,585.12	1/2	1,220.46	1/2	856.79	1/2	493.36	1/2	129.18	1/2		1/2		1/2	
3/4	2,306.83	3/4	1,942.18	3/4	1,577.52	3/4	1,212.86	3/4	849.24	3/4	485.77	3/4	121.59	3/4		3/4		3/4	
8	2,299.24	8	1,934.58	8	1,569.93	8	1,205.27	8	841.68	8	478.19	8	114.01	8		8		8	
1/4	2,291.64	1/4	1,926.99	1/4	1,562.33	1/4	1,197.67	1/4	834.13	1/4	470.60	1/4	106.42	1/4		1/4		1/4	
1/2	2,284.04	1/2	1,919.39	1/2	1,554.73	1/2	1,190.07	1/2	826.57	1/2	463.01	1/2	98.83	1/2		1/2		1/2	
3/4	2,276.44	3/4	1,911.79	3/4	1,547.13	3/4	1,182.48	3/4	819.01	3/4	455.42	3/4	91.25	3/4		3/4		3/4	
9	2,268.85	9	1,904.20	9	1,539.54	9	1,174.88	9	811.46	9	447.84	9	83.66	9		9		9	
1/4	2,261.25	1/4	1,896.60	1/4	1,531.94	1/4	1,167.29	1/4	803.90	1/4	440.25	1/4	76.08	1/4		1/4		1/4	
1/2	2,253.65	1/2	1,889.00	1/2	1,524.34	1/2	1,159.69	1/2	796.34	1/2	432.66	1/2	68.49	1/2		1/2		1/2	
3/4	2,246.06	3/4	1,881.40	3/4	1,516.74	3/4	1,152.09	3/4	788.79	3/4	425.07	3/4	61.17	3/4		3/4		3/4	
10	2,238.46	10	1,873.81	10	1,509.15	10	1,144.50	10	781.23	10	417.49	10	53.86	10		10		10	
1/4	2,230.87	1/4	1,866.21	1/4	1,501.55	1/4	1,136.90	1/4	773.68	1/4	409.90	1/4	46.54	1/4		1/4		1/4	
1/2	2,223.27	1/2	1,858.61	1/2	1,493.95	1/2	1,129.30	1/2	766.12	1/2	402.31	1/2	39.22	1/2		1/2		1/2	
3/4	2,215.67	3/4	1,851.01	3/4	1,486.36	3/4	1,121.70	3/4	758.56	3/4	394.73	3/4	33.81	3/4		3/4		3/4	
11	2,208.08	11	1,843.42	11	1,478.76	11	1,114.11	11	751.01	11	387.14	11	28.39	11		11		11	
1/4	2,200.48	1/4	1,835.82	1/4	1,471.17	1/4	1,106.51	1/4	743.45	1/4	379.56	1/4	22.98	1/4		1/4		1/4	
1/2	2,192.88	1/2	1,828.22	1/2	1,463.57	1/2	1,098.91	1/2	735.89	1/2	371.97	1/2	17.56	1/2		1/2		1/2	
3/4	2,185.28	3/4	1,820.62	3/4	1,455.97	3/4	1,091.31	3/4	728.34	3/4	364.38	3/4		3/4		3/4		3/4	

STRAPPED: 11/20/2000 INSP
RECALCULATED: 05/14/2026 JS
NAME CHANGE: 05/14/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2026

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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