



BARGE "KIRBY 29184"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-09 3/8"

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	14.42	0	273.66	0	580.52	0	890.19	0	1,201.34	0	1,510.88	0	1,821.96	0	2,133.20	0	2,444.43	0	2,755.67
1/4	17.70	1/4	279.82	1/4	586.91	1/4	896.67	1/4	1,207.82	1/4	1,517.33	1/4	1,828.45	1/4	2,139.68	1/4	2,450.92	1/4	2,762.15
1/2	20.99	1/2	285.99	1/2	593.30	1/2	903.16	1/2	1,214.30	1/2	1,523.77	1/2	1,834.93	1/2	2,146.17	1/2	2,457.40	1/2	2,768.64
3/4	24.27	3/4	292.15	3/4	599.68	3/4	909.64	3/4	1,220.78	3/4	1,530.22	3/4	1,841.42	3/4	2,152.65	3/4	2,463.89	3/4	2,775.12
1	27.55	1	298.31	1	606.07	1	916.12	1	1,227.26	1	1,536.66	1	1,847.90	1	2,159.13	1	2,470.37	1	2,781.60
1/4	32.16	1/4	304.56	1/4	612.46	1/4	922.60	1/4	1,233.71	1/4	1,543.15	1/4	1,854.38	1/4	2,165.62	1/4	2,476.85	1/4	2,788.09
1/2	36.76	1/2	310.81	1/2	618.85	1/2	929.09	1/2	1,240.16	1/2	1,549.63	1/2	1,860.87	1/2	2,172.10	1/2	2,483.34	1/2	2,794.57
3/4	41.37	3/4	317.06	3/4	625.23	3/4	935.57	3/4	1,246.60	3/4	1,556.12	3/4	1,867.35	3/4	2,178.59	3/4	2,489.82	3/4	2,801.06
2	45.97	2	323.31	2	631.62	2	942.05	2	1,253.05	2	1,562.60	2	1,873.83	2	2,185.07	2	2,496.30	2	2,807.54
1/4	51.28	1/4	329.64	1/4	638.01	1/4	948.54	1/4	1,259.50	1/4	1,569.09	1/4	1,880.32	1/4	2,191.56	1/4	2,502.79	1/4	2,814.02
1/2	56.59	1/2	335.98	1/2	644.40	1/2	955.02	1/2	1,265.95	1/2	1,575.57	1/2	1,886.80	1/2	2,198.04	1/2	2,509.27	1/2	2,820.51
3/4	61.89	3/4	342.31	3/4	650.78	3/4	961.51	3/4	1,272.39	3/4	1,582.06	3/4	1,893.29	3/4	2,204.53	3/4	2,515.76	3/4	2,826.99
3	67.20	3	348.64	3	657.17	3	967.99	3	1,278.84	3	1,588.54	3	1,899.77	3	2,211.01	3	2,522.24	3	2,833.47
1/4	72.59	1/4	355.06	1/4	663.56	1/4	974.47	1/4	1,285.29	1/4	1,595.02	1/4	1,906.26	1/4	2,217.49	1/4	2,528.73	1/4	2,839.96
1/2	77.99	1/2	361.48	1/2	669.95	1/2	980.96	1/2	1,291.73	1/2	1,601.51	1/2	1,912.74	1/2	2,223.98	1/2	2,535.21	1/2	2,846.44
3/4	83.38	3/4	367.90	3/4	676.33	3/4	987.44	3/4	1,298.18	3/4	1,607.99	3/4	1,919.23	3/4	2,230.46	3/4	2,541.70	3/4	2,852.93
4	88.77	4	374.32	4	682.72	4	993.92	4	1,304.62	4	1,614.47	4	1,925.71	4	2,236.94	4	2,548.18	4	2,859.41
1/4	94.25	1/4	380.78	1/4	689.20	1/4	1,000.40	1/4	1,311.07	1/4	1,620.96	1/4	1,932.19	1/4	2,243.43	1/4	2,554.66	1/4	2,865.90
1/2	99.73	1/2	387.25	1/2	695.69	1/2	1,006.89	1/2	1,317.52	1/2	1,627.44	1/2	1,938.68	1/2	2,249.91	1/2	2,561.15	1/2	2,872.38
3/4	105.20	3/4	393.71	3/4	702.17	3/4	1,013.37	3/4	1,323.96	3/4	1,633.93	3/4	1,945.16	3/4	2,256.40	3/4	2,567.63	3/4	2,878.87
5	110.68	5	400.17	5	708.65	5	1,019.85	5	1,330.41	5	1,640.41	5	1,951.64	5	2,262.88	5	2,574.11	5	2,885.35
1/4	116.25	1/4	406.63	1/4	715.13	1/4	1,026.34	1/4	1,336.86	1/4	1,646.89	1/4	1,958.13	1/4	2,269.36	1/4	2,580.60	1/4	2,891.83
1/2	121.81	1/2	413.10	1/2	721.62	1/2	1,032.82	1/2	1,343.30	1/2	1,653.38	1/2	1,964.61	1/2	2,275.85	1/2	2,587.08	1/2	2,898.32
3/4	127.38	3/4	419.56	3/4	728.10	3/4	1,039.31	3/4	1,349.75	3/4	1,659.86	3/4	1,971.10	3/4	2,282.33	3/4	2,593.57	3/4	2,904.80
6	132.94	6	426.02	6	734.58	6	1,045.79	6	1,356.19	6	1,666.34	6	1,977.58	6	2,288.81	6	2,600.05	6	2,911.28
1/4	138.59	1/4	432.48	1/4	741.07	1/4	1,052.27	1/4	1,362.64	1/4	1,672.83	1/4	1,984.07	1/4	2,295.30	1/4	2,606.53	1/4	2,917.77
1/2	144.24	1/2	438.95	1/2	747.55	1/2	1,058.76	1/2	1,369.08	1/2	1,679.31	1/2	1,990.55	1/2	2,301.78	1/2	2,613.02	1/2	2,924.25
3/4	149.89	3/4	445.41	3/4	754.04	3/4	1,065.24	3/4	1,375.53	3/4	1,685.80	3/4	1,997.04	3/4	2,308.27	3/4	2,619.50	3/4	2,930.74
7	155.54	7	451.87	7	760.52	7	1,071.72	7	1,381.97	7	1,692.28	7	2,003.52	7	2,314.75	7	2,625.98	7	2,937.22
1/4	161.28	1/4	458.33	1/4	767.00	1/4	1,078.20	1/4	1,388.42	1/4	1,698.77	1/4	2,010.00	1/4	2,321.24	1/4	2,632.47	1/4	2,943.70
1/2	167.01	1/2	464.80	1/2	773.49	1/2	1,084.69	1/2	1,394.86	1/2	1,705.25	1/2	2,016.49	1/2	2,327.72	1/2	2,638.95	1/2	2,950.19
3/4	172.75	3/4	471.26	3/4	779.97	3/4	1,091.17	3/4	1,401.31	3/4	1,711.74	3/4	2,022.97	3/4	2,334.21	3/4	2,645.44	3/4	2,956.67
8	178.48	8	477.72	8	786.45	8	1,097.65	8	1,407.75	8	1,718.22	8	2,029.45	8	2,340.69	8	2,651.92	8	2,963.15
1/4	184.30	1/4	484.18	1/4	792.93	1/4	1,104.13	1/4	1,414.20	1/4	1,724.70	1/4	2,035.94	1/4	2,347.17	1/4	2,658.41	1/4	2,969.64
1/2	190.12	1/2	490.65	1/2	799.42	1/2	1,110.61	1/2	1,420.64	1/2	1,731.19	1/2	2,042.42	1/2	2,353.66	1/2	2,664.89	1/2	2,976.12
3/4	195.94	3/4	497.11	3/4	805.90	3/4	1,117.09	3/4	1,427.09	3/4	1,737.67	3/4	2,048.91	3/4	2,360.14	3/4	2,671.38	3/4	2,982.61
9	201.76	9	503.57	9	812.38	9	1,123.57	9	1,433.53	9	1,744.15	9	2,055.39	9	2,366.62	9	2,677.86	9	2,989.09
1/4	207.67	1/4	510.03	1/4	818.87	1/4	1,130.05	1/4	1,439.98	1/4	1,750.64	1/4	2,061.87	1/4	2,373.11	1/4	2,684.34	1/4	2,995.58
1/2	213.57	1/2	516.50	1/2	825.35	1/2	1,136.53	1/2	1,446.43	1/2	1,757.12	1/2	2,068.36	1/2	2,379.59	1/2	2,690.83	1/2	3,002.06
3/4	219.48	3/4	522.96	3/4	831.84	3/4	1,143.01	3/4	1,452.87	3/4	1,763.61	3/4	2,074.84	3/4	2,386.08	3/4	2,697.31	3/4	3,008.55
10	225.38	10	529.42	10	838.32	10	1,149.49	10	1,459.32	10	1,770.09	10	2,081.32	10	2,392.56	10	2,703.79	10	3,015.03
1/4	231.37	1/4	535.81	1/4	844.80	1/4	1,155.97	1/4	1,465.77	1/4	1,776.58	1/4	2,087.81	1/4	2,399.04	1/4	2,710.28	1/4	3,021.51
1/2	237.37	1/2	542.20	1/2	851.29	1/2	1,162.46	1/2	1,472.21	1/2	1,783.06	1/2	2,094.29	1/2	2,405.53	1/2	2,716.76	1/2	3,028.00
3/4	243.36	3/4	548.58	3/4	857.77	3/4	1,168.94	3/4	1,478.66	3/4	1,789.55	3/4	2,100.78	3/4	2,412.01	3/4	2,723.25	3/4	3,034.48
11	249.35	11	554.97	11	864.25	11	1,175.42	11	1,485.10	11	1,796.03	11	2,107.26	11	2,418.49	11	2,729.73	11	3,040.96
1/4	255.43	1/4	561.36	1/4	870.74	1/4	1,181.90	1/4	1,491.55	1/4	1,802.51	1/4	2,113.75	1/4	2,424.98	1/4	2,736.22	1/4	3,047.45
1/2	261.51	1/2	567.75	1/2	877.22	1/2	1,188.38	1/2	1,497.99	1/2	1,809.00	1/2	2,120.23	1/2	2,431.46	1/2	2,742.70	1/2	3,053.93
3/4	267.58	3/4	574.13	3/4	883.71	3/4	1,194.86	3/4	1,504.44	3/4	1,815.48	3/4	2,126.72	3/4	2,437.95	3/4	2,749.19	3/4	3,060.42

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF BALL VALVE ON 2" DECK PIPE.
 GAUGE POINT: (BALL VALVE) LOCATED NEAR GEOMETRIC CENTER OF TANK.

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



BARGE "KIRBY 29184"

**1 PORT
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-09 3/8"

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	3,066.90	0	3,378.13	0	3,689.37	0	4,000.60	0	4,311.84	0		0		0					
1/4	3,073.39	1/4	3,384.62	1/4	3,695.85	1/4	4,007.09	1/4	4,318.32	1/4		1/4		1/4					
1/2	3,079.87	1/2	3,391.10	1/2	3,702.34	1/2	4,013.57	1/2	4,324.81	1/2		1/2		1/2					
3/4	3,086.36	3/4	3,397.59	3/4	3,708.82	3/4	4,020.06	3/4	4,331.29	3/4		3/4		3/4					
1	3,092.84	1	3,404.07	1	3,715.30	1	4,026.54	1	4,337.77	1		1		1					
1/4	3,099.32	1/4	3,410.56	1/4	3,721.79	1/4	4,033.03	1/4	4,344.26	1/4		1/4		1/4					
1/2	3,105.81	1/2	3,417.04	1/2	3,728.27	1/2	4,039.51	1/2	4,350.74	1/2		1/2		1/2					
3/4	3,112.29	3/4	3,423.53	3/4	3,734.76	3/4	4,046.00	3/4	4,357.23	3/4		3/4		3/4					
2	3,118.77	2	3,430.01	2	3,741.24	2	4,052.48	2	4,363.71	2		2		2					
1/4	3,125.26	1/4	3,436.49	1/4	3,747.73	1/4	4,058.96	1/4	4,370.20	1/4		1/4		1/4					
1/2	3,131.74	1/2	3,442.98	1/2	3,754.21	1/2	4,065.45	1/2	4,376.68	1/2		1/2		1/2					
3/4	3,138.23	3/4	3,449.46	3/4	3,760.70	3/4	4,071.93	3/4	4,383.17	3/4		3/4		3/4					
3	3,144.71	3	3,455.94	3	3,767.18	3	4,078.41	3	4,389.65	3		3		3					
1/4	3,151.19	1/4	3,462.43	1/4	3,773.66	1/4	4,084.90	1/4	4,396.13	1/4		1/4		1/4					
1/2	3,157.68	1/2	3,468.91	1/2	3,780.15	1/2	4,091.38	1/2	4,402.62	1/2		1/2		1/2					
3/4	3,164.16	3/4	3,475.40	3/4	3,786.63	3/4	4,097.87	3/4	4,409.10	3/4		3/4		3/4					
4	3,170.64	4	3,481.88	4	3,793.11	4	4,104.35	4	4,415.58	4		4		4					
1/4	3,177.13	1/4	3,488.37	1/4	3,799.60	1/4	4,110.83	1/4	4,422.07	1/4		1/4		1/4					
1/2	3,183.61	1/2	3,494.85	1/2	3,806.08	1/2	4,117.32	1/2	4,428.55	1/2		1/2		1/2					
3/4	3,190.10	3/4	3,501.34	3/4	3,812.57	3/4	4,123.80	3/4	4,435.04	3/4		3/4		3/4					
5	3,196.58	5	3,507.82	5	3,819.05	5	4,130.28	5	4,441.52	5		5		5					
1/4	3,203.07	1/4	3,514.30	1/4	3,825.54	1/4	4,136.77	1/4	4,447.08	1/4		1/4		1/4					
1/2	3,209.55	1/2	3,520.79	1/2	3,832.02	1/2	4,143.25	1/2	4,452.64	1/2		1/2		1/2					
3/4	3,216.04	3/4	3,527.27	3/4	3,838.51	3/4	4,149.74	3/4	4,458.19	3/4		3/4		3/4					
6	3,222.52	6	3,533.75	6	3,844.99	6	4,156.22	6	4,463.75	6		6		6					
1/4	3,229.00	1/4	3,540.24	1/4	3,851.47	1/4	4,162.71	1/4	4,468.38	1/4		1/4		1/4					
1/2	3,235.49	1/2	3,546.72	1/2	3,857.96	1/2	4,169.19	1/2	4,473.02	1/2		1/2		1/2					
3/4	3,241.97	3/4	3,553.21	3/4	3,864.44	3/4	4,175.68	3/4	4,477.65	3/4		3/4		3/4					
7	3,248.45	7	3,559.69	7	3,870.92	7	4,182.16	7	4,482.28	7		7		7					
1/4	3,254.94	1/4	3,566.17	1/4	3,877.41	1/4	4,188.64	1/4	4,485.99	1/4		1/4		1/4					
1/2	3,261.42	1/2	3,572.66	1/2	3,883.89	1/2	4,195.13	1/2	4,489.69	1/2		1/2		1/2					
3/4	3,267.91	3/4	3,579.14	3/4	3,890.38	3/4	4,201.61	3/4	4,493.40	3/4		3/4		3/4					
8	3,274.39	8	3,585.62	8	3,896.86	8	4,208.09	8	4,497.10	8		8		8					
1/4	3,280.88	1/4	3,592.11	1/4	3,903.34	1/4	4,214.58	1/4	4,499.88	1/4		1/4		1/4					
1/2	3,287.36	1/2	3,598.59	1/2	3,909.83	1/2	4,221.06	1/2	4,502.66	1/2		1/2		1/2					
3/4	3,293.85	3/4	3,605.08	3/4	3,916.31	3/4	4,227.55	3/4	4,505.43	3/4		3/4		3/4					
9	3,300.33	9	3,611.56	9	3,922.79	9	4,234.03	9	4,508.21	9		9		9					
1/4	3,306.81	1/4	3,618.05	1/4	3,929.28	1/4	4,240.51	1/4	4,510.06	1/4		1/4		1/4					
1/2	3,313.30	1/2	3,624.53	1/2	3,935.76	1/2	4,247.00	1/2	4,511.92	1/2		1/2		1/2					
3/4	3,319.78	3/4	3,631.02	3/4	3,942.25	3/4	4,253.48	3/4	4,513.77	3/4		3/4		3/4					
10	3,326.26	10	3,637.50	10	3,948.73	10	4,259.96	10	4,515.62	10		10		10					
1/4	3,332.75	1/4	3,643.98	1/4	3,955.22	1/4	4,266.45	1/4	4,516.55	1/4		1/4		1/4					
1/2	3,339.23	1/2	3,650.47	1/2	3,961.70	1/2	4,272.93	1/2	4,517.48	1/2		1/2		1/2					
3/4	3,345.72	3/4	3,656.95	3/4	3,968.19	3/4	4,279.42	3/4	4,518.40	3/4		3/4		3/4					
11	3,352.20	11	3,663.43	11	3,974.67	11	4,285.90	11	4,519.33	11		11		11					
1/4	3,358.68	1/4	3,669.92	1/4	3,981.15	1/4	4,292.39	1/4		1/4		1/4		1/4					
1/2	3,365.17	1/2	3,676.40	1/2	3,987.64	1/2	4,298.87	1/2		1/2		1/2		1/2					
3/4	3,371.65	3/4	3,682.89	3/4	3,994.12	3/4	4,305.36	3/4		3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/26/2003 INT.
CALCULATED: 10/26/2003 INT.
NAME CHANGE: 08/04/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 29184"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-09 5/8"

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	14.42	0	273.66	0	580.52	0	890.19	0	1,201.34	0	1,510.88	0	1,821.96	0	2,133.20	0	2,444.43	0	2,755.67
1/4	17.70	1/4	279.82	1/4	586.91	1/4	896.67	1/4	1,207.82	1/4	1,517.33	1/4	1,828.45	1/4	2,139.68	1/4	2,450.92	1/4	2,762.15
1/2	20.99	1/2	285.99	1/2	593.30	1/2	903.16	1/2	1,214.30	1/2	1,523.77	1/2	1,834.93	1/2	2,146.17	1/2	2,457.40	1/2	2,768.64
3/4	24.27	3/4	292.15	3/4	599.68	3/4	909.64	3/4	1,220.78	3/4	1,530.22	3/4	1,841.42	3/4	2,152.65	3/4	2,463.89	3/4	2,775.12
1	27.55	1	298.31	1	606.07	1	916.12	1	1,227.26	1	1,536.66	1	1,847.90	1	2,159.13	1	2,470.37	1	2,781.60
1/4	32.16	1/4	304.56	1/4	612.46	1/4	922.60	1/4	1,233.71	1/4	1,543.15	1/4	1,854.38	1/4	2,165.62	1/4	2,476.85	1/4	2,788.09
1/2	36.76	1/2	310.81	1/2	618.85	1/2	929.09	1/2	1,240.16	1/2	1,549.63	1/2	1,860.87	1/2	2,172.10	1/2	2,483.34	1/2	2,794.57
3/4	41.37	3/4	317.06	3/4	625.23	3/4	935.57	3/4	1,246.60	3/4	1,556.12	3/4	1,867.35	3/4	2,178.59	3/4	2,489.82	3/4	2,801.06
2	45.97	2	323.31	2	631.62	2	942.05	2	1,253.05	2	1,562.60	2	1,873.83	2	2,185.07	2	2,496.30	2	2,807.54
1/4	51.28	1/4	329.64	1/4	638.01	1/4	948.54	1/4	1,259.50	1/4	1,569.09	1/4	1,880.32	1/4	2,191.56	1/4	2,502.79	1/4	2,814.02
1/2	56.59	1/2	335.98	1/2	644.40	1/2	955.02	1/2	1,265.95	1/2	1,575.57	1/2	1,886.80	1/2	2,198.04	1/2	2,509.27	1/2	2,820.51
3/4	61.89	3/4	342.31	3/4	650.78	3/4	961.51	3/4	1,272.39	3/4	1,582.06	3/4	1,893.29	3/4	2,204.53	3/4	2,515.76	3/4	2,826.99
3	67.20	3	348.64	3	657.17	3	967.99	3	1,278.84	3	1,588.54	3	1,899.77	3	2,211.01	3	2,522.24	3	2,833.47
1/4	72.59	1/4	355.06	1/4	663.56	1/4	974.47	1/4	1,285.29	1/4	1,595.02	1/4	1,906.26	1/4	2,217.49	1/4	2,528.73	1/4	2,839.96
1/2	77.99	1/2	361.48	1/2	669.95	1/2	980.96	1/2	1,291.73	1/2	1,601.51	1/2	1,912.74	1/2	2,223.98	1/2	2,535.21	1/2	2,846.44
3/4	83.38	3/4	367.90	3/4	676.33	3/4	987.44	3/4	1,298.18	3/4	1,607.99	3/4	1,919.23	3/4	2,230.46	3/4	2,541.70	3/4	2,852.93
4	88.77	4	374.32	4	682.72	4	993.92	4	1,304.62	4	1,614.47	4	1,925.71	4	2,236.94	4	2,548.18	4	2,859.41
1/4	94.25	1/4	380.78	1/4	689.20	1/4	1,000.40	1/4	1,311.07	1/4	1,620.96	1/4	1,932.19	1/4	2,243.43	1/4	2,554.66	1/4	2,865.90
1/2	99.73	1/2	387.25	1/2	695.69	1/2	1,006.89	1/2	1,317.52	1/2	1,627.44	1/2	1,938.68	1/2	2,249.91	1/2	2,561.15	1/2	2,872.38
3/4	105.20	3/4	393.71	3/4	702.17	3/4	1,013.37	3/4	1,323.96	3/4	1,633.93	3/4	1,945.16	3/4	2,256.40	3/4	2,567.63	3/4	2,878.87
5	110.68	5	400.17	5	708.65	5	1,019.85	5	1,330.41	5	1,640.41	5	1,951.64	5	2,262.88	5	2,574.11	5	2,885.35
1/4	116.25	1/4	406.63	1/4	715.13	1/4	1,026.34	1/4	1,336.86	1/4	1,646.89	1/4	1,958.13	1/4	2,269.36	1/4	2,580.60	1/4	2,891.83
1/2	121.81	1/2	413.10	1/2	721.62	1/2	1,032.82	1/2	1,343.30	1/2	1,653.38	1/2	1,964.61	1/2	2,275.85	1/2	2,587.08	1/2	2,898.32
3/4	127.38	3/4	419.56	3/4	728.10	3/4	1,039.31	3/4	1,349.75	3/4	1,659.86	3/4	1,971.10	3/4	2,282.33	3/4	2,593.57	3/4	2,904.80
6	132.94	6	426.02	6	734.58	6	1,045.79	6	1,356.19	6	1,666.34	6	1,977.58	6	2,288.81	6	2,600.05	6	2,911.28
1/4	138.59	1/4	432.48	1/4	741.07	1/4	1,052.27	1/4	1,362.64	1/4	1,672.83	1/4	1,984.07	1/4	2,295.30	1/4	2,606.53	1/4	2,917.77
1/2	144.24	1/2	438.95	1/2	747.55	1/2	1,058.76	1/2	1,369.08	1/2	1,679.31	1/2	1,990.55	1/2	2,301.78	1/2	2,613.02	1/2	2,924.25
3/4	149.89	3/4	445.41	3/4	754.04	3/4	1,065.24	3/4	1,375.53	3/4	1,685.80	3/4	1,997.04	3/4	2,308.27	3/4	2,619.50	3/4	2,930.74
7	155.54	7	451.87	7	760.52	7	1,071.72	7	1,381.97	7	1,692.28	7	2,003.52	7	2,314.75	7	2,625.98	7	2,937.22
1/4	161.28	1/4	458.33	1/4	767.00	1/4	1,078.20	1/4	1,388.42	1/4	1,698.77	1/4	2,010.00	1/4	2,321.24	1/4	2,632.47	1/4	2,943.70
1/2	167.01	1/2	464.80	1/2	773.49	1/2	1,084.69	1/2	1,394.86	1/2	1,705.25	1/2	2,016.49	1/2	2,327.72	1/2	2,638.95	1/2	2,950.19
3/4	172.75	3/4	471.26	3/4	779.97	3/4	1,091.17	3/4	1,401.31	3/4	1,711.74	3/4	2,022.97	3/4	2,334.21	3/4	2,645.44	3/4	2,956.67
8	178.48	8	477.72	8	786.45	8	1,097.65	8	1,407.75	8	1,718.22	8	2,029.45	8	2,340.69	8	2,651.92	8	2,963.15
1/4	184.30	1/4	484.18	1/4	792.93	1/4	1,104.13	1/4	1,414.20	1/4	1,724.70	1/4	2,035.94	1/4	2,347.17	1/4	2,658.41	1/4	2,969.64
1/2	190.12	1/2	490.65	1/2	799.42	1/2	1,110.61	1/2	1,420.64	1/2	1,731.19	1/2	2,042.42	1/2	2,353.66	1/2	2,664.89	1/2	2,976.12
3/4	195.94	3/4	497.11	3/4	805.90	3/4	1,117.09	3/4	1,427.09	3/4	1,737.67	3/4	2,048.91	3/4	2,360.14	3/4	2,671.38	3/4	2,982.61
9	201.76	9	503.57	9	812.38	9	1,123.57	9	1,433.53	9	1,744.15	9	2,055.39	9	2,366.62	9	2,677.86	9	2,989.09
1/4	207.67	1/4	510.03	1/4	818.87	1/4	1,130.05	1/4	1,439.98	1/4	1,750.64	1/4	2,061.87	1/4	2,373.11	1/4	2,684.34	1/4	2,995.58
1/2	213.57	1/2	516.50	1/2	825.35	1/2	1,136.53	1/2	1,446.43	1/2	1,757.12	1/2	2,068.36	1/2	2,379.59	1/2	2,690.83	1/2	3,002.06
3/4	219.48	3/4	522.96	3/4	831.84	3/4	1,143.01	3/4	1,452.87	3/4	1,763.61	3/4	2,074.84	3/4	2,386.08	3/4	2,697.31	3/4	3,008.55
10	225.38	10	529.42	10	838.32	10	1,149.49	10	1,459.32	10	1,770.09	10	2,081.32	10	2,392.56	10	2,703.79	10	3,015.03
1/4	231.37	1/4	535.81	1/4	844.80	1/4	1,155.97	1/4	1,465.77	1/4	1,776.58	1/4	2,087.81	1/4	2,399.04	1/4	2,710.28	1/4	3,021.51
1/2	237.37	1/2	542.20	1/2	851.29	1/2	1,162.46	1/2	1,472.21	1/2	1,783.06	1/2	2,094.29	1/2	2,405.53	1/2	2,716.76	1/2	3,028.00
3/4	243.36	3/4	548.58	3/4	857.77	3/4	1,168.94	3/4	1,478.66	3/4	1,789.55	3/4	2,100.78	3/4	2,412.01	3/4	2,723.25	3/4	3,034.48
11	249.35	11	554.97	11	864.25	11	1,175.42	11	1,485.10	11	1,796.03	11	2,107.26	11	2,418.49	11	2,729.73	11	3,040.96
1/4	255.43	1/4	561.36	1/4	870.74	1/4	1,181.90	1/4	1,491.55	1/4	1,802.51	1/4	2,113.75	1/4	2,424.98	1/4	2,736.22	1/4	3,047.45
1/2	261.51	1/2	567.75	1/2	877.22	1/2	1,188.38	1/2	1,497.99	1/2	1,809.00	1/2	2,120.23	1/2	2,431.46	1/2	2,742.70	1/2	3,053.93
3/4	267.58	3/4	574.13	3/4	883.71	3/4	1,194.86	3/4	1,504.44	3/4	1,815.48	3/4	2,126.72	3/4	2,437.95	3/4	2,749.19	3/4	3,060.42

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF BALL VALVE ON 2" DECK PIPE.
 GAUGE POINT: (BALL VALVE) LOCATED NEAR GEOMETRIC CENTER OF TANK.

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



BARGE "KIRBY 29184"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-09 5/8"

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	3,066.90	0	3,378.13	0	3,689.37	0	4,000.60	0	4,311.84	0		0		0					
1/4	3,073.39	1/4	3,384.62	1/4	3,695.85	1/4	4,007.09	1/4	4,318.32	1/4		1/4		1/4					
1/2	3,079.87	1/2	3,391.10	1/2	3,702.34	1/2	4,013.57	1/2	4,324.81	1/2		1/2		1/2					
3/4	3,086.36	3/4	3,397.59	3/4	3,708.82	3/4	4,020.06	3/4	4,331.29	3/4		3/4		3/4					
1	3,092.84	1	3,404.07	1	3,715.30	1	4,026.54	1	4,337.77	1		1		1					
1/4	3,099.32	1/4	3,410.56	1/4	3,721.79	1/4	4,033.03	1/4	4,344.26	1/4		1/4		1/4					
1/2	3,105.81	1/2	3,417.04	1/2	3,728.27	1/2	4,039.51	1/2	4,350.74	1/2		1/2		1/2					
3/4	3,112.29	3/4	3,423.53	3/4	3,734.76	3/4	4,046.00	3/4	4,357.23	3/4		3/4		3/4					
2	3,118.77	2	3,430.01	2	3,741.24	2	4,052.48	2	4,363.71	2		2		2					
1/4	3,125.26	1/4	3,436.49	1/4	3,747.73	1/4	4,058.96	1/4	4,370.20	1/4		1/4		1/4					
1/2	3,131.74	1/2	3,442.98	1/2	3,754.21	1/2	4,065.45	1/2	4,376.68	1/2		1/2		1/2					
3/4	3,138.23	3/4	3,449.46	3/4	3,760.70	3/4	4,071.93	3/4	4,383.17	3/4		3/4		3/4					
3	3,144.71	3	3,455.94	3	3,767.18	3	4,078.41	3	4,389.65	3		3		3					
1/4	3,151.19	1/4	3,462.43	1/4	3,773.66	1/4	4,084.90	1/4	4,396.13	1/4		1/4		1/4					
1/2	3,157.68	1/2	3,468.91	1/2	3,780.15	1/2	4,091.38	1/2	4,402.62	1/2		1/2		1/2					
3/4	3,164.16	3/4	3,475.40	3/4	3,786.63	3/4	4,097.87	3/4	4,409.10	3/4		3/4		3/4					
4	3,170.64	4	3,481.88	4	3,793.11	4	4,104.35	4	4,415.58	4		4		4					
1/4	3,177.13	1/4	3,488.37	1/4	3,799.60	1/4	4,110.83	1/4	4,422.07	1/4		1/4		1/4					
1/2	3,183.61	1/2	3,494.85	1/2	3,806.08	1/2	4,117.32	1/2	4,428.55	1/2		1/2		1/2					
3/4	3,190.10	3/4	3,501.34	3/4	3,812.57	3/4	4,123.80	3/4	4,435.04	3/4		3/4		3/4					
5	3,196.58	5	3,507.82	5	3,819.05	5	4,130.28	5	4,441.52	5		5		5					
1/4	3,203.07	1/4	3,514.30	1/4	3,825.54	1/4	4,136.77	1/4	4,447.08	1/4		1/4		1/4					
1/2	3,209.55	1/2	3,520.79	1/2	3,832.02	1/2	4,143.25	1/2	4,452.64	1/2		1/2		1/2					
3/4	3,216.04	3/4	3,527.27	3/4	3,838.51	3/4	4,149.74	3/4	4,458.19	3/4		3/4		3/4					
6	3,222.52	6	3,533.75	6	3,844.99	6	4,156.22	6	4,463.75	6		6		6					
1/4	3,229.00	1/4	3,540.24	1/4	3,851.47	1/4	4,162.71	1/4	4,468.38	1/4		1/4		1/4					
1/2	3,235.49	1/2	3,546.72	1/2	3,857.96	1/2	4,169.19	1/2	4,473.02	1/2		1/2		1/2					
3/4	3,241.97	3/4	3,553.21	3/4	3,864.44	3/4	4,175.68	3/4	4,477.65	3/4		3/4		3/4					
7	3,248.45	7	3,559.69	7	3,870.92	7	4,182.16	7	4,482.28	7		7		7					
1/4	3,254.94	1/4	3,566.17	1/4	3,877.41	1/4	4,188.64	1/4	4,485.99	1/4		1/4		1/4					
1/2	3,261.42	1/2	3,572.66	1/2	3,883.89	1/2	4,195.13	1/2	4,489.69	1/2		1/2		1/2					
3/4	3,267.91	3/4	3,579.14	3/4	3,890.38	3/4	4,201.61	3/4	4,493.40	3/4		3/4		3/4					
8	3,274.39	8	3,585.62	8	3,896.86	8	4,208.09	8	4,497.10	8		8		8					
1/4	3,280.88	1/4	3,592.11	1/4	3,903.34	1/4	4,214.58	1/4	4,499.88	1/4		1/4		1/4					
1/2	3,287.36	1/2	3,598.59	1/2	3,909.83	1/2	4,221.06	1/2	4,502.66	1/2		1/2		1/2					
3/4	3,293.85	3/4	3,605.08	3/4	3,916.31	3/4	4,227.55	3/4	4,505.43	3/4		3/4		3/4					
9	3,300.33	9	3,611.56	9	3,922.79	9	4,234.03	9	4,508.21	9		9		9					
1/4	3,306.81	1/4	3,618.05	1/4	3,929.28	1/4	4,240.51	1/4	4,510.06	1/4		1/4		1/4					
1/2	3,313.30	1/2	3,624.53	1/2	3,935.76	1/2	4,247.00	1/2	4,511.92	1/2		1/2		1/2					
3/4	3,319.78	3/4	3,631.02	3/4	3,942.25	3/4	4,253.48	3/4	4,513.77	3/4		3/4		3/4					
10	3,326.26	10	3,637.50	10	3,948.73	10	4,259.96	10	4,515.62	10		10		10					
1/4	3,332.75	1/4	3,643.98	1/4	3,955.22	1/4	4,266.45	1/4	4,516.55	1/4		1/4		1/4					
1/2	3,339.23	1/2	3,650.47	1/2	3,961.70	1/2	4,272.93	1/2	4,517.48	1/2		1/2		1/2					
3/4	3,345.72	3/4	3,656.95	3/4	3,968.19	3/4	4,279.42	3/4	4,518.40	3/4		3/4		3/4					
11	3,352.20	11	3,663.43	11	3,974.67	11	4,285.90	11	4,519.33	11		11		11					
1/4	3,358.68	1/4	3,669.92	1/4	3,981.15	1/4	4,292.39	1/4		1/4		1/4		1/4					
1/2	3,365.17	1/2	3,676.40	1/2	3,987.64	1/2	4,298.87	1/2		1/2		1/2		1/2					
3/4	3,371.65	3/4	3,682.89	3/4	3,994.12	3/4	4,305.36	3/4		3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/26/2003 INT.
CALCULATED: 10/26/2003 INT.
NAME CHANGE: 08/04/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 29184"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-08 7/8"

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	18.83	0	362.28	0	720.71	0	1,079.14	0	1,437.58	0	1,796.01	0	2,154.44	0	2,512.87	0	2,871.30	0	3,229.73
1/4	23.49	1/4	369.75	1/4	728.18	1/4	1,086.61	1/4	1,445.05	1/4	1,803.48	1/4	2,161.91	1/4	2,520.34	1/4	2,878.77	1/4	3,237.20
1/2	28.15	1/2	377.22	1/2	735.64	1/2	1,094.08	1/2	1,452.51	1/2	1,810.94	1/2	2,169.38	1/2	2,527.81	1/2	2,886.24	1/2	3,244.67
3/4	32.80	3/4	384.68	3/4	743.11	3/4	1,101.54	3/4	1,459.98	3/4	1,818.41	3/4	2,176.84	3/4	2,535.27	3/4	2,893.70	3/4	3,252.13
1	37.46	1	392.15	1	750.58	1	1,109.01	1	1,467.44	1	1,825.88	1	2,184.31	1	2,542.74	1	2,901.17	1	3,259.60
1/4	43.99	1/4	399.62	1/4	758.05	1/4	1,116.48	1/4	1,474.91	1/4	1,833.35	1/4	2,191.78	1/4	2,550.21	1/4	2,908.64	1/4	3,267.07
1/2	50.53	1/2	407.08	1/2	765.51	1/2	1,123.95	1/2	1,482.38	1/2	1,840.81	1/2	2,199.25	1/2	2,557.68	1/2	2,916.11	1/2	3,274.54
3/4	57.06	3/4	414.55	3/4	772.98	3/4	1,131.41	3/4	1,489.84	3/4	1,848.28	3/4	2,206.71	3/4	2,565.14	3/4	2,923.57	3/4	3,282.00
2	63.59	2	422.02	2	780.45	2	1,138.88	2	1,497.31	2	1,855.75	2	2,214.18	2	2,572.61	2	2,931.04	2	3,289.47
1/4	71.06	1/4	429.49	1/4	787.92	1/4	1,146.35	1/4	1,504.78	1/4	1,863.21	1/4	2,221.65	1/4	2,580.08	1/4	2,938.51	1/4	3,296.94
1/2	78.53	1/2	436.95	1/2	795.38	1/2	1,153.82	1/2	1,512.25	1/2	1,870.68	1/2	2,229.12	1/2	2,587.55	1/2	2,945.98	1/2	3,304.41
3/4	85.99	3/4	444.42	3/4	802.85	3/4	1,161.28	3/4	1,519.71	3/4	1,878.14	3/4	2,236.58	3/4	2,595.01	3/4	2,953.44	3/4	3,311.87
3	93.46	3	451.89	3	810.32	3	1,168.75	3	1,527.18	3	1,885.61	3	2,244.05	3	2,602.48	3	2,960.91	3	3,319.34
1/4	100.93	1/4	459.36	1/4	817.79	1/4	1,176.22	1/4	1,534.65	1/4	1,893.08	1/4	2,251.52	1/4	2,609.95	1/4	2,968.38	1/4	3,326.81
1/2	108.40	1/2	466.82	1/2	825.25	1/2	1,183.69	1/2	1,542.12	1/2	1,900.54	1/2	2,258.99	1/2	2,617.42	1/2	2,975.85	1/2	3,334.28
3/4	115.86	3/4	474.29	3/4	832.72	3/4	1,191.15	3/4	1,549.58	3/4	1,908.01	3/4	2,266.45	3/4	2,624.88	3/4	2,983.31	3/4	3,341.74
4	123.33	4	481.76	4	840.19	4	1,198.62	4	1,557.05	4	1,915.48	4	2,273.92	4	2,632.35	4	2,990.78	4	3,349.21
1/4	130.80	1/4	489.23	1/4	847.66	1/4	1,206.09	1/4	1,564.52	1/4	1,922.95	1/4	2,281.39	1/4	2,639.82	1/4	2,998.25	1/4	3,356.68
1/2	138.27	1/2	496.69	1/2	855.12	1/2	1,213.56	1/2	1,571.99	1/2	1,930.41	1/2	2,288.85	1/2	2,647.29	1/2	3,005.72	1/2	3,364.15
3/4	145.73	3/4	504.16	3/4	862.59	3/4	1,221.02	3/4	1,579.45	3/4	1,937.88	3/4	2,296.32	3/4	2,654.75	3/4	3,013.18	3/4	3,371.61
5	153.20	5	511.63	5	870.06	5	1,228.49	5	1,586.92	5	1,945.35	5	2,303.78	5	2,662.22	5	3,020.65	5	3,379.08
1/4	160.67	1/4	519.10	1/4	877.53	1/4	1,235.96	1/4	1,594.39	1/4	1,952.82	1/4	2,311.25	1/4	2,669.69	1/4	3,028.12	1/4	3,386.55
1/2	168.14	1/2	526.56	1/2	884.99	1/2	1,243.43	1/2	1,601.86	1/2	1,960.28	1/2	2,318.72	1/2	2,677.16	1/2	3,035.59	1/2	3,394.02
3/4	175.60	3/4	534.03	3/4	892.46	3/4	1,250.89	3/4	1,609.32	3/4	1,967.75	3/4	2,326.18	3/4	2,684.62	3/4	3,043.05	3/4	3,401.48
6	183.07	6	541.50	6	899.93	6	1,258.36	6	1,616.79	6	1,975.22	6	2,333.65	6	2,692.09	6	3,050.52	6	3,408.95
1/4	190.54	1/4	548.97	1/4	907.40	1/4	1,265.83	1/4	1,624.26	1/4	1,982.69	1/4	2,341.12	1/4	2,699.56	1/4	3,057.99	1/4	3,416.42
1/2	198.00	1/2	556.43	1/2	914.86	1/2	1,273.30	1/2	1,631.72	1/2	1,990.15	1/2	2,348.59	1/2	2,707.02	1/2	3,065.46	1/2	3,423.89
3/4	205.47	3/4	563.90	3/4	922.33	3/4	1,280.76	3/4	1,639.19	3/4	1,997.62	3/4	2,356.05	3/4	2,714.49	3/4	3,072.92	3/4	3,431.35
7	212.93	7	571.37	7	929.80	7	1,288.23	7	1,646.66	7	2,005.09	7	2,363.52	7	2,721.95	7	3,080.39	7	3,438.82
1/4	220.40	1/4	578.84	1/4	937.27	1/4	1,295.70	1/4	1,654.13	1/4	2,012.56	1/4	2,370.99	1/4	2,729.42	1/4	3,087.86	1/4	3,446.29
1/2	227.87	1/2	586.30	1/2	944.73	1/2	1,303.17	1/2	1,661.59	1/2	2,020.02	1/2	2,378.46	1/2	2,736.89	1/2	3,095.33	1/2	3,453.76
3/4	235.33	3/4	593.77	3/4	952.20	3/4	1,310.63	3/4	1,669.06	3/4	2,027.49	3/4	2,385.92	3/4	2,744.35	3/4	3,102.79	3/4	3,461.22
8	242.80	8	601.24	8	959.67	8	1,318.10	8	1,676.53	8	2,034.96	8	2,393.39	8	2,751.82	8	3,110.26	8	3,468.69
1/4	250.27	1/4	608.70	1/4	967.14	1/4	1,325.57	1/4	1,684.00	1/4	2,042.43	1/4	2,400.86	1/4	2,759.29	1/4	3,117.73	1/4	3,476.16
1/2	257.74	1/2	616.17	1/2	974.60	1/2	1,333.04	1/2	1,691.46	1/2	2,049.89	1/2	2,408.33	1/2	2,766.76	1/2	3,125.19	1/2	3,483.63
3/4	265.20	3/4	623.63	3/4	982.07	3/4	1,340.50	3/4	1,698.93	3/4	2,057.36	3/4	2,415.79	3/4	2,774.22	3/4	3,132.66	3/4	3,491.09
9	272.67	9	631.10	9	989.54	9	1,347.97	9	1,706.40	9	2,064.83	9	2,423.26	9	2,781.69	9	3,140.12	9	3,498.56
1/4	280.14	1/4	638.57	1/4	997.01	1/4	1,355.44	1/4	1,713.87	1/4	2,072.30	1/4	2,430.73	1/4	2,789.16	1/4	3,147.59	1/4	3,506.03
1/2	287.61	1/2	646.03	1/2	1,004.48	1/2	1,362.91	1/2	1,721.33	1/2	2,079.76	1/2	2,438.20	1/2	2,796.63	1/2	3,155.06	1/2	3,513.49
3/4	295.07	3/4	653.50	3/4	1,011.94	3/4	1,370.37	3/4	1,728.80	3/4	2,087.23	3/4	2,445.66	3/4	2,804.09	3/4	3,162.52	3/4	3,520.96
10	302.54	10	660.97	10	1,019.41	10	1,377.84	10	1,736.27	10	2,094.70	10	2,453.13	10	2,811.56	10	3,169.99	10	3,528.42
1/4	310.01	1/4	668.44	1/4	1,026.88	1/4	1,385.31	1/4	1,743.74	1/4	2,102.17	1/4	2,460.60	1/4	2,819.03	1/4	3,177.46	1/4	3,535.89
1/2	317.48	1/2	675.90	1/2	1,034.34	1/2	1,392.78	1/2	1,751.20	1/2	2,109.63	1/2	2,468.07	1/2	2,826.50	1/2	3,184.93	1/2	3,543.36
3/4	324.94	3/4	683.37	3/4	1,041.81	3/4	1,400.24	3/4	1,758.67	3/4	2,117.10	3/4	2,475.53	3/4	2,833.96	3/4	3,192.39	3/4	3,550.82
11	332.41	11	690.84	11	1,049.27	11	1,407.71	11	1,766.14	11	2,124.57	11	2,483.00	11	2,841.43	11	3,199.86	11	3,558.29
1/4	339.88	1/4	698.31	1/4	1,056.74	1/4	1,415.18	1/4	1,773.61	1/4	2,132.04	1/4	2,490.47	1/4	2,848.90	1/4	3,207.33	1/4	3,565.76
1/2	347.35	1/2	705.77	1/2	1,064.21	1/2	1,422.65	1/2	1,781.07	1/2	2,139.51	1/2	2,497.94	1/2	2,856.37	1/2	3,214.80	1/2	3,573.23
3/4	354.81	3/4	713.24	3/4	1,071.67	3/4	1,430.11	3/4	1,788.54	3/4	2,146.97	3/4	2,505.40	3/4	2,863.83	3/4	3,222.26	3/4	3,580.69

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 INNAGE GAUGES TAKEN TO TOP LIP OF BALL VALVE ON 2" DECK PIPE.
 GAUGE POINT: (BALL VALVE) LOCATED NEAR GEOMETRIC CENTER OF TANK.

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



BARGE "KIRBY 29184"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-08 7/8"

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	3,588.16	0	3,946.59	0	4,305.03	0	4,663.46	0	5,021.89	0		0		0					
1/4	3,595.63	1/4	3,954.06	1/4	4,312.50	1/4	4,670.93	1/4	5,029.36	1/4		1/4		1/4					
1/2	3,603.10	1/2	3,961.53	1/2	4,319.97	1/2	4,678.40	1/2	5,036.83	1/2		1/2		1/2					
3/4	3,610.56	3/4	3,968.99	3/4	4,327.43	3/4	4,685.86	3/4	5,044.29	3/4		3/4		3/4					
1	3,618.03	1	3,976.46	1	4,334.90	1	4,693.33	1	5,051.76	1		1		1					
1/4	3,625.50	1/4	3,983.93	1/4	4,342.37	1/4	4,700.80	1/4	5,059.23	1/4		1/4		1/4					
1/2	3,632.97	1/2	3,991.40	1/2	4,349.83	1/2	4,708.27	1/2	5,066.70	1/2		1/2		1/2					
3/4	3,640.43	3/4	3,998.86	3/4	4,357.30	3/4	4,715.73	3/4	5,074.16	3/4		3/4		3/4					
2	3,647.90	2	4,006.33	2	4,364.76	2	4,723.20	2	5,081.63	2		2		2					
1/4	3,655.37	1/4	4,013.80	1/4	4,372.23	1/4	4,730.67	1/4	5,089.10	1/4		1/4		1/4					
1/2	3,662.84	1/2	4,021.27	1/2	4,379.70	1/2	4,738.14	1/2	5,096.57	1/2		1/2		1/2					
3/4	3,670.30	3/4	4,028.73	3/4	4,387.16	3/4	4,745.60	3/4	5,104.03	3/4		3/4		3/4					
3	3,677.77	3	4,036.20	3	4,394.63	3	4,753.07	3	5,111.50	3		3		3					
1/4	3,685.24	1/4	4,043.67	1/4	4,402.10	1/4	4,760.54	1/4	5,118.97	1/4		1/4		1/4					
1/2	3,692.71	1/2	4,051.14	1/2	4,409.57	1/2	4,768.00	1/2	5,126.44	1/2		1/2		1/2					
3/4	3,700.17	3/4	4,058.60	3/4	4,417.03	3/4	4,775.47	3/4	5,133.90	3/4		3/4		3/4					
4	3,707.64	4	4,066.07	4	4,424.50	4	4,782.93	4	5,141.37	4		4		4					
1/4	3,715.11	1/4	4,073.54	1/4	4,431.97	1/4	4,790.40	1/4	5,148.84	1/4		1/4		1/4					
1/2	3,722.58	1/2	4,081.01	1/2	4,439.44	1/2	4,797.87	1/2	5,156.31	1/2		1/2		1/2					
3/4	3,730.04	3/4	4,088.47	3/4	4,446.90	3/4	4,805.33	3/4	5,163.77	3/4		3/4		3/4					
5	3,737.51	5	4,095.94	5	4,454.37	5	4,812.80	5	5,171.24	5		5		5					
1/4	3,744.98	1/4	4,103.41	1/4	4,461.84	1/4	4,820.27	1/4	5,177.64	1/4		1/4		1/4					
1/2	3,752.45	1/2	4,110.88	1/2	4,469.31	1/2	4,827.74	1/2	5,184.04	1/2		1/2		1/2					
3/4	3,759.91	3/4	4,118.34	3/4	4,476.77	3/4	4,835.20	3/4	5,190.43	3/4		3/4		3/4					
6	3,767.38	6	4,125.81	6	4,484.24	6	4,842.67	6	5,196.83	6		6		6					
1/4	3,774.85	1/4	4,133.28	1/4	4,491.71	1/4	4,850.14	1/4	5,202.16	1/4		1/4		1/4					
1/2	3,782.32	1/2	4,140.75	1/2	4,499.18	1/2	4,857.61	1/2	5,207.49	1/2		1/2		1/2					
3/4	3,789.78	3/4	4,148.21	3/4	4,506.64	3/4	4,865.07	3/4	5,212.81	3/4		3/4		3/4					
7	3,797.25	7	4,155.68	7	4,514.11	7	4,872.54	7	5,218.14	7		7		7					
1/4	3,804.72	1/4	4,163.15	1/4	4,521.58	1/4	4,880.01	1/4	5,222.40	1/4		1/4		1/4					
1/2	3,812.19	1/2	4,170.62	1/2	4,529.05	1/2	4,887.48	1/2	5,226.66	1/2		1/2		1/2					
3/4	3,819.65	3/4	4,178.08	3/4	4,536.51	3/4	4,894.94	3/4	5,230.91	3/4		3/4		3/4					
8	3,827.12	8	4,185.55	8	4,543.98	8	4,902.41	8	5,235.17	8		8		8					
1/4	3,834.59	1/4	4,193.02	1/4	4,551.45	1/4	4,909.88	1/4	5,238.36	1/4		1/4		1/4					
1/2	3,842.06	1/2	4,200.49	1/2	4,558.92	1/2	4,917.35	1/2	5,241.55	1/2		1/2		1/2					
3/4	3,849.52	3/4	4,207.95	3/4	4,566.38	3/4	4,924.81	3/4	5,244.73	3/4		3/4		3/4					
9	3,856.99	9	4,215.42	9	4,573.85	9	4,932.28	9	5,247.92	9		9		9					
1/4	3,864.46	1/4	4,222.89	1/4	4,581.32	1/4	4,939.75	1/4	5,250.04	1/4		1/4		1/4					
1/2	3,871.93	1/2	4,230.36	1/2	4,588.79	1/2	4,947.22	1/2	5,252.16	1/2		1/2		1/2					
3/4	3,879.39	3/4	4,237.82	3/4	4,596.25	3/4	4,954.68	3/4	5,254.27	3/4		3/4		3/4					
10	3,886.86	10	4,245.29	10	4,603.72	10	4,962.15	10	5,256.39	10		10		10					
1/4	3,894.33	1/4	4,252.76	1/4	4,611.19	1/4	4,969.62	1/4	5,257.44	1/4		1/4		1/4					
1/2	3,901.80	1/2	4,260.23	1/2	4,618.66	1/2	4,977.09	1/2	5,258.49	1/2		1/2		1/2					
3/4	3,909.26	3/4	4,267.69	3/4	4,626.12	3/4	4,984.55	3/4	5,259.53	3/4		3/4		3/4					
11	3,916.73	11	4,275.16	11	4,633.59	11	4,992.02	11	5,260.58	11		11		11					
1/4	3,924.20	1/4	4,282.63	1/4	4,641.06	1/4	4,999.49	1/4		1/4		1/4		1/4					
1/2	3,931.66	1/2	4,290.10	1/2	4,648.53	1/2	5,006.96	1/2		1/2		1/2		1/2					
3/4	3,939.13	3/4	4,297.56	3/4	4,655.99	3/4	5,014.42	3/4		3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/26/2003 INT.
CALCULATED: 10/26/2003 INT.
NAME CHANGE: 08/04/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 29184"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	18.83	0	362.28	0	720.71	0	1,079.14	0	1,437.58	0	1,796.01	0	2,154.44	0	2,512.87	0	2,871.30	0	3,229.73
1/4	23.49	1/4	369.75	1/4	728.18	1/4	1,086.61	1/4	1,445.05	1/4	1,803.48	1/4	2,161.91	1/4	2,520.34	1/4	2,878.77	1/4	3,237.20
1/2	28.15	1/2	377.22	1/2	735.64	1/2	1,094.08	1/2	1,452.51	1/2	1,810.94	1/2	2,169.38	1/2	2,527.81	1/2	2,886.24	1/2	3,244.67
3/4	32.80	3/4	384.68	3/4	743.11	3/4	1,101.54	3/4	1,459.98	3/4	1,818.41	3/4	2,176.84	3/4	2,535.27	3/4	2,893.70	3/4	3,252.13
1	37.46	1	392.15	1	750.58	1	1,109.01	1	1,467.44	1	1,825.88	1	2,184.31	1	2,542.74	1	2,901.17	1	3,259.60
1/4	43.99	1/4	399.62	1/4	758.05	1/4	1,116.48	1/4	1,474.91	1/4	1,833.35	1/4	2,191.78	1/4	2,550.21	1/4	2,908.64	1/4	3,267.07
1/2	50.53	1/2	407.08	1/2	765.51	1/2	1,123.95	1/2	1,482.38	1/2	1,840.81	1/2	2,199.25	1/2	2,557.68	1/2	2,916.11	1/2	3,274.54
3/4	57.06	3/4	414.55	3/4	772.98	3/4	1,131.41	3/4	1,489.84	3/4	1,848.28	3/4	2,206.71	3/4	2,565.14	3/4	2,923.57	3/4	3,282.00
2	63.59	2	422.02	2	780.45	2	1,138.88	2	1,497.31	2	1,855.75	2	2,214.18	2	2,572.61	2	2,931.04	2	3,289.47
1/4	71.06	1/4	429.49	1/4	787.92	1/4	1,146.35	1/4	1,504.78	1/4	1,863.21	1/4	2,221.65	1/4	2,580.08	1/4	2,938.51	1/4	3,296.94
1/2	78.53	1/2	436.95	1/2	795.38	1/2	1,153.82	1/2	1,512.25	1/2	1,870.68	1/2	2,229.12	1/2	2,587.55	1/2	2,945.98	1/2	3,304.41
3/4	85.99	3/4	444.42	3/4	802.85	3/4	1,161.28	3/4	1,519.71	3/4	1,878.14	3/4	2,236.58	3/4	2,595.01	3/4	2,953.44	3/4	3,311.87
3	93.46	3	451.89	3	810.32	3	1,168.75	3	1,527.18	3	1,885.61	3	2,244.05	3	2,602.48	3	2,960.91	3	3,319.34
1/4	100.93	1/4	459.36	1/4	817.79	1/4	1,176.22	1/4	1,534.65	1/4	1,893.08	1/4	2,251.52	1/4	2,609.95	1/4	2,968.38	1/4	3,326.81
1/2	108.40	1/2	466.82	1/2	825.25	1/2	1,183.69	1/2	1,542.12	1/2	1,900.54	1/2	2,258.99	1/2	2,617.42	1/2	2,975.85	1/2	3,334.28
3/4	115.86	3/4	474.29	3/4	832.72	3/4	1,191.15	3/4	1,549.58	3/4	1,908.01	3/4	2,266.45	3/4	2,624.88	3/4	2,983.31	3/4	3,341.74
4	123.33	4	481.76	4	840.19	4	1,198.62	4	1,557.05	4	1,915.48	4	2,273.92	4	2,632.35	4	2,990.78	4	3,349.21
1/4	130.80	1/4	489.23	1/4	847.66	1/4	1,206.09	1/4	1,564.52	1/4	1,922.95	1/4	2,281.39	1/4	2,639.82	1/4	2,998.25	1/4	3,356.68
1/2	138.27	1/2	496.69	1/2	855.12	1/2	1,213.56	1/2	1,571.99	1/2	1,930.41	1/2	2,288.85	1/2	2,647.29	1/2	3,005.72	1/2	3,364.15
3/4	145.73	3/4	504.16	3/4	862.59	3/4	1,221.02	3/4	1,579.45	3/4	1,937.88	3/4	2,296.32	3/4	2,654.75	3/4	3,013.18	3/4	3,371.61
5	153.20	5	511.63	5	870.06	5	1,228.49	5	1,586.92	5	1,945.35	5	2,303.78	5	2,662.22	5	3,020.65	5	3,379.08
1/4	160.67	1/4	519.10	1/4	877.53	1/4	1,235.96	1/4	1,594.39	1/4	1,952.82	1/4	2,311.25	1/4	2,669.69	1/4	3,028.12	1/4	3,386.55
1/2	168.14	1/2	526.56	1/2	884.99	1/2	1,243.43	1/2	1,601.86	1/2	1,960.28	1/2	2,318.72	1/2	2,677.16	1/2	3,035.59	1/2	3,394.02
3/4	175.60	3/4	534.03	3/4	892.46	3/4	1,250.89	3/4	1,609.32	3/4	1,967.75	3/4	2,326.18	3/4	2,684.62	3/4	3,043.05	3/4	3,401.48
6	183.07	6	541.50	6	899.93	6	1,258.36	6	1,616.79	6	1,975.22	6	2,333.65	6	2,692.09	6	3,050.52	6	3,408.95
1/4	190.54	1/4	548.97	1/4	907.40	1/4	1,265.83	1/4	1,624.26	1/4	1,982.69	1/4	2,341.12	1/4	2,699.56	1/4	3,057.99	1/4	3,416.42
1/2	198.00	1/2	556.43	1/2	914.86	1/2	1,273.30	1/2	1,631.72	1/2	1,990.15	1/2	2,348.59	1/2	2,707.02	1/2	3,065.46	1/2	3,423.89
3/4	205.47	3/4	563.90	3/4	922.33	3/4	1,280.76	3/4	1,639.19	3/4	1,997.62	3/4	2,356.05	3/4	2,714.49	3/4	3,072.92	3/4	3,431.35
7	212.93	7	571.37	7	929.80	7	1,288.23	7	1,646.66	7	2,005.09	7	2,363.52	7	2,721.95	7	3,080.39	7	3,438.82
1/4	220.40	1/4	578.84	1/4	937.27	1/4	1,295.70	1/4	1,654.13	1/4	2,012.56	1/4	2,370.99	1/4	2,729.42	1/4	3,087.86	1/4	3,446.29
1/2	227.87	1/2	586.30	1/2	944.73	1/2	1,303.17	1/2	1,661.59	1/2	2,020.02	1/2	2,378.46	1/2	2,736.89	1/2	3,095.33	1/2	3,453.76
3/4	235.33	3/4	593.77	3/4	952.20	3/4	1,310.63	3/4	1,669.06	3/4	2,027.49	3/4	2,385.92	3/4	2,744.35	3/4	3,102.79	3/4	3,461.22
8	242.80	8	601.24	8	959.67	8	1,318.10	8	1,676.53	8	2,034.96	8	2,393.39	8	2,751.82	8	3,110.26	8	3,468.69
1/4	250.27	1/4	608.70	1/4	967.14	1/4	1,325.57	1/4	1,684.00	1/4	2,042.43	1/4	2,400.86	1/4	2,759.29	1/4	3,117.73	1/4	3,476.16
1/2	257.74	1/2	616.17	1/2	974.60	1/2	1,333.04	1/2	1,691.46	1/2	2,049.89	1/2	2,408.33	1/2	2,766.76	1/2	3,125.19	1/2	3,483.63
3/4	265.20	3/4	623.63	3/4	982.07	3/4	1,340.50	3/4	1,698.93	3/4	2,057.36	3/4	2,415.79	3/4	2,774.22	3/4	3,132.66	3/4	3,491.09
9	272.67	9	631.10	9	989.54	9	1,347.97	9	1,706.40	9	2,064.83	9	2,423.26	9	2,781.69	9	3,140.12	9	3,498.56
1/4	280.14	1/4	638.57	1/4	997.01	1/4	1,355.44	1/4	1,713.87	1/4	2,072.30	1/4	2,430.73	1/4	2,789.16	1/4	3,147.59	1/4	3,506.03
1/2	287.61	1/2	646.03	1/2	1,004.48	1/2	1,362.91	1/2	1,721.33	1/2	2,079.76	1/2	2,438.20	1/2	2,796.63	1/2	3,155.06	1/2	3,513.49
3/4	295.07	3/4	653.50	3/4	1,011.94	3/4	1,370.37	3/4	1,728.80	3/4	2,087.23	3/4	2,445.66	3/4	2,804.09	3/4	3,162.52	3/4	3,520.96
10	302.54	10	660.97	10	1,019.41	10	1,377.84	10	1,736.27	10	2,094.70	10	2,453.13	10	2,811.56	10	3,169.99	10	3,528.42
1/4	310.01	1/4	668.44	1/4	1,026.88	1/4	1,385.31	1/4	1,743.74	1/4	2,102.17	1/4	2,460.60	1/4	2,819.03	1/4	3,177.46	1/4	3,535.89
1/2	317.48	1/2	675.90	1/2	1,034.34	1/2	1,392.78	1/2	1,751.20	1/2	2,109.63	1/2	2,468.07	1/2	2,826.50	1/2	3,184.93	1/2	3,543.36
3/4	324.94	3/4	683.37	3/4	1,041.81	3/4	1,400.24	3/4	1,758.67	3/4	2,117.10	3/4	2,475.53	3/4	2,833.96	3/4	3,192.39	3/4	3,550.82
11	332.41	11	690.84	11	1,049.27	11	1,407.71	11	1,766.14	11	2,124.57	11	2,483.00	11	2,841.43	11	3,199.86	11	3,558.29
1/4	339.88	1/4	698.31	1/4	1,056.74	1/4	1,415.18	1/4	1,773.61	1/4	2,132.04	1/4	2,490.47	1/4	2,848.90	1/4	3,207.33	1/4	3,565.76
1/2	347.35	1/2	705.77	1/2	1,064.21	1/2	1,422.65	1/2	1,781.07	1/2	2,139.51	1/2	2,497.94	1/2	2,856.37	1/2	3,214.80	1/2	3,573.23
3/4	354.81	3/4	713.24	3/4	1,071.67	3/4	1,430.11	3/4	1,788.54	3/4	2,146.97	3/4	2,505.40	3/4	2,863.83	3/4	3,222.26	3/4	3,580.69

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 INNAGE GAUGES TAKEN TO TOP LIP OF BALL VALVE ON 2" DECK PIPE.
 GAUGE POINT: (BALL VALVE) LOCATED NEAR GEOMETRIC CENTER OF TANK.

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



BARGE "KIRBY 29184"

**2 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-09"

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	3,588.16	0	3,946.59	0	4,305.03	0	4,663.46	0	5,021.89	0		0		0					
1/4	3,595.63	1/4	3,954.06	1/4	4,312.50	1/4	4,670.93	1/4	5,029.36	1/4		1/4		1/4					
1/2	3,603.10	1/2	3,961.53	1/2	4,319.97	1/2	4,678.40	1/2	5,036.83	1/2		1/2		1/2					
3/4	3,610.56	3/4	3,968.99	3/4	4,327.43	3/4	4,685.86	3/4	5,044.29	3/4		3/4		3/4					
1	3,618.03	1	3,976.46	1	4,334.90	1	4,693.33	1	5,051.76	1		1		1					
1/4	3,625.50	1/4	3,983.93	1/4	4,342.37	1/4	4,700.80	1/4	5,059.23	1/4		1/4		1/4					
1/2	3,632.97	1/2	3,991.40	1/2	4,349.83	1/2	4,708.27	1/2	5,066.70	1/2		1/2		1/2					
3/4	3,640.43	3/4	3,998.86	3/4	4,357.30	3/4	4,715.73	3/4	5,074.16	3/4		3/4		3/4					
2	3,647.90	2	4,006.33	2	4,364.76	2	4,723.20	2	5,081.63	2		2		2					
1/4	3,655.37	1/4	4,013.80	1/4	4,372.23	1/4	4,730.67	1/4	5,089.10	1/4		1/4		1/4					
1/2	3,662.84	1/2	4,021.27	1/2	4,379.70	1/2	4,738.14	1/2	5,096.57	1/2		1/2		1/2					
3/4	3,670.30	3/4	4,028.73	3/4	4,387.16	3/4	4,745.60	3/4	5,104.03	3/4		3/4		3/4					
3	3,677.77	3	4,036.20	3	4,394.63	3	4,753.07	3	5,111.50	3		3		3					
1/4	3,685.24	1/4	4,043.67	1/4	4,402.10	1/4	4,760.54	1/4	5,118.97	1/4		1/4		1/4					
1/2	3,692.71	1/2	4,051.14	1/2	4,409.57	1/2	4,768.00	1/2	5,126.44	1/2		1/2		1/2					
3/4	3,700.17	3/4	4,058.60	3/4	4,417.03	3/4	4,775.47	3/4	5,133.90	3/4		3/4		3/4					
4	3,707.64	4	4,066.07	4	4,424.50	4	4,782.93	4	5,141.37	4		4		4					
1/4	3,715.11	1/4	4,073.54	1/4	4,431.97	1/4	4,790.40	1/4	5,148.84	1/4		1/4		1/4					
1/2	3,722.58	1/2	4,081.01	1/2	4,439.44	1/2	4,797.87	1/2	5,156.31	1/2		1/2		1/2					
3/4	3,730.04	3/4	4,088.47	3/4	4,446.90	3/4	4,805.33	3/4	5,163.77	3/4		3/4		3/4					
5	3,737.51	5	4,095.94	5	4,454.37	5	4,812.80	5	5,171.24	5		5		5					
1/4	3,744.98	1/4	4,103.41	1/4	4,461.84	1/4	4,820.27	1/4	5,177.64	1/4		1/4		1/4					
1/2	3,752.45	1/2	4,110.88	1/2	4,469.31	1/2	4,827.74	1/2	5,184.04	1/2		1/2		1/2					
3/4	3,759.91	3/4	4,118.34	3/4	4,476.77	3/4	4,835.20	3/4	5,190.43	3/4		3/4		3/4					
6	3,767.38	6	4,125.81	6	4,484.24	6	4,842.67	6	5,196.83	6		6		6					
1/4	3,774.85	1/4	4,133.28	1/4	4,491.71	1/4	4,850.14	1/4	5,202.16	1/4		1/4		1/4					
1/2	3,782.32	1/2	4,140.75	1/2	4,499.18	1/2	4,857.61	1/2	5,207.49	1/2		1/2		1/2					
3/4	3,789.78	3/4	4,148.21	3/4	4,506.64	3/4	4,865.07	3/4	5,212.81	3/4		3/4		3/4					
7	3,797.25	7	4,155.68	7	4,514.11	7	4,872.54	7	5,218.14	7		7		7					
1/4	3,804.72	1/4	4,163.15	1/4	4,521.58	1/4	4,880.01	1/4	5,222.40	1/4		1/4		1/4					
1/2	3,812.19	1/2	4,170.62	1/2	4,529.05	1/2	4,887.48	1/2	5,226.66	1/2		1/2		1/2					
3/4	3,819.65	3/4	4,178.08	3/4	4,536.51	3/4	4,894.94	3/4	5,230.91	3/4		3/4		3/4					
8	3,827.12	8	4,185.55	8	4,543.98	8	4,902.41	8	5,235.17	8		8		8					
1/4	3,834.59	1/4	4,193.02	1/4	4,551.45	1/4	4,909.88	1/4	5,238.36	1/4		1/4		1/4					
1/2	3,842.06	1/2	4,200.49	1/2	4,558.92	1/2	4,917.35	1/2	5,241.55	1/2		1/2		1/2					
3/4	3,849.52	3/4	4,207.95	3/4	4,566.38	3/4	4,924.81	3/4	5,244.73	3/4		3/4		3/4					
9	3,856.99	9	4,215.42	9	4,573.85	9	4,932.28	9	5,247.92	9		9		9					
1/4	3,864.46	1/4	4,222.89	1/4	4,581.32	1/4	4,939.75	1/4	5,250.04	1/4		1/4		1/4					
1/2	3,871.93	1/2	4,230.36	1/2	4,588.79	1/2	4,947.22	1/2	5,252.16	1/2		1/2		1/2					
3/4	3,879.39	3/4	4,237.82	3/4	4,596.25	3/4	4,954.68	3/4	5,254.27	3/4		3/4		3/4					
10	3,886.86	10	4,245.29	10	4,603.72	10	4,962.15	10	5,256.39	10		10		10					
1/4	3,894.33	1/4	4,252.76	1/4	4,611.19	1/4	4,969.62	1/4	5,257.44	1/4		1/4		1/4					
1/2	3,901.80	1/2	4,260.23	1/2	4,618.66	1/2	4,977.09	1/2	5,258.49	1/2		1/2		1/2					
3/4	3,909.26	3/4	4,267.69	3/4	4,626.12	3/4	4,984.55	3/4	5,259.53	3/4		3/4		3/4					
11	3,916.73	11	4,275.16	11	4,633.59	11	4,992.02	11	5,260.58	11		11		11					
1/4	3,924.20	1/4	4,282.63	1/4	4,641.06	1/4	4,999.49	1/4		1/4		1/4		1/4					
1/2	3,931.66	1/2	4,290.10	1/2	4,648.53	1/2	5,006.96	1/2		1/2		1/2		1/2					
3/4	3,939.13	3/4	4,297.56	3/4	4,655.99	3/4	5,014.42	3/4		3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/26/2003 INT.
CALCULATED: 10/26/2003 INT.
NAME CHANGE: 08/04/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 29184"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-09 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	18.83	0	362.39	0	720.94	0	1,079.48	0	1,438.03	0	1,796.57	0	2,155.12	0	2,513.66	0	2,872.20	0	3,230.75
1/4	23.49	1/4	369.86	1/4	728.41	1/4	1,086.95	1/4	1,445.50	1/4	1,804.04	1/4	2,162.59	1/4	2,521.13	1/4	2,879.67	1/4	3,238.22
1/2	28.15	1/2	377.33	1/2	735.88	1/2	1,094.42	1/2	1,452.97	1/2	1,811.51	1/2	2,170.06	1/2	2,528.60	1/2	2,887.14	1/2	3,245.69
3/4	32.81	3/4	384.80	3/4	743.35	3/4	1,101.89	3/4	1,460.44	3/4	1,818.98	3/4	2,177.52	3/4	2,536.07	3/4	2,894.61	3/4	3,253.16
1	37.47	1	392.27	1	750.82	1	1,109.36	1	1,467.91	1	1,826.45	1	2,184.99	1	2,543.54	1	2,902.08	1	3,260.63
1/4	44.01	1/4	399.74	1/4	758.29	1/4	1,116.83	1/4	1,475.38	1/4	1,833.92	1/4	2,192.46	1/4	2,551.01	1/4	2,909.55	1/4	3,268.10
1/2	50.54	1/2	407.21	1/2	765.76	1/2	1,124.30	1/2	1,482.85	1/2	1,841.39	1/2	2,199.93	1/2	2,558.48	1/2	2,917.02	1/2	3,275.57
3/4	57.08	3/4	414.68	3/4	773.23	3/4	1,131.77	3/4	1,490.31	3/4	1,848.86	3/4	2,207.40	3/4	2,565.95	3/4	2,924.49	3/4	3,283.04
2	63.61	2	422.15	2	780.70	2	1,139.24	2	1,497.78	2	1,856.33	2	2,214.87	2	2,573.42	2	2,931.96	2	3,290.51
1/4	71.08	1/4	429.62	1/4	788.17	1/4	1,146.71	1/4	1,505.25	1/4	1,863.80	1/4	2,222.34	1/4	2,580.89	1/4	2,939.43	1/4	3,297.98
1/2	78.55	1/2	437.09	1/2	795.64	1/2	1,154.18	1/2	1,512.72	1/2	1,871.27	1/2	2,229.81	1/2	2,588.36	1/2	2,946.90	1/2	3,305.45
3/4	86.02	3/4	444.56	3/4	803.10	3/4	1,161.65	3/4	1,520.19	3/4	1,878.74	3/4	2,237.28	3/4	2,595.83	3/4	2,954.37	3/4	3,312.92
3	93.49	3	452.03	3	810.57	3	1,169.12	3	1,527.66	3	1,886.21	3	2,244.75	3	2,603.30	3	2,961.84	3	3,320.39
1/4	100.96	1/4	459.50	1/4	818.04	1/4	1,176.59	1/4	1,535.13	1/4	1,893.68	1/4	2,252.22	1/4	2,610.77	1/4	2,969.31	1/4	3,327.86
1/2	108.43	1/2	466.97	1/2	825.51	1/2	1,184.06	1/2	1,542.60	1/2	1,901.15	1/2	2,259.69	1/2	2,618.24	1/2	2,976.78	1/2	3,335.32
3/4	115.89	3/4	474.44	3/4	832.98	3/4	1,191.53	3/4	1,550.07	3/4	1,908.62	3/4	2,267.16	3/4	2,625.71	3/4	2,984.25	3/4	3,342.79
4	123.36	4	481.91	4	840.45	4	1,199.00	4	1,557.54	4	1,916.09	4	2,274.63	4	2,633.18	4	2,991.72	4	3,350.26
1/4	130.83	1/4	489.38	1/4	847.92	1/4	1,206.47	1/4	1,565.01	1/4	1,923.56	1/4	2,282.10	1/4	2,640.65	1/4	2,999.19	1/4	3,357.73
1/2	138.30	1/2	496.85	1/2	855.39	1/2	1,213.94	1/2	1,572.48	1/2	1,931.03	1/2	2,289.57	1/2	2,648.11	1/2	3,006.66	1/2	3,365.20
3/4	145.77	3/4	504.32	3/4	862.86	3/4	1,221.41	3/4	1,579.95	3/4	1,938.50	3/4	2,297.04	3/4	2,655.58	3/4	3,014.13	3/4	3,372.67
5	153.24	5	511.79	5	870.33	5	1,228.88	5	1,587.42	5	1,945.97	5	2,304.51	5	2,663.05	5	3,021.60	5	3,380.14
1/4	160.71	1/4	519.26	1/4	877.80	1/4	1,236.35	1/4	1,594.89	1/4	1,953.44	1/4	2,311.98	1/4	2,670.52	1/4	3,029.07	1/4	3,387.61
1/2	168.18	1/2	526.73	1/2	885.27	1/2	1,243.82	1/2	1,602.36	1/2	1,960.91	1/2	2,319.45	1/2	2,677.99	1/2	3,036.54	1/2	3,395.08
3/4	175.65	3/4	534.20	3/4	892.74	3/4	1,251.28	3/4	1,609.83	3/4	1,968.37	3/4	2,326.92	3/4	2,685.46	3/4	3,044.01	3/4	3,402.55
6	183.12	6	541.67	6	900.21	6	1,258.75	6	1,617.30	6	1,975.84	6	2,334.39	6	2,692.93	6	3,051.48	6	3,410.02
1/4	190.59	1/4	549.14	1/4	907.68	1/4	1,266.22	1/4	1,624.77	1/4	1,983.31	1/4	2,341.86	1/4	2,700.40	1/4	3,058.95	1/4	3,417.49
1/2	198.06	1/2	556.61	1/2	915.15	1/2	1,273.69	1/2	1,632.24	1/2	1,990.78	1/2	2,349.33	1/2	2,707.87	1/2	3,066.42	1/2	3,424.96
3/4	205.53	3/4	564.07	3/4	922.62	3/4	1,281.16	3/4	1,639.71	3/4	1,998.25	3/4	2,356.80	3/4	2,715.34	3/4	3,073.89	3/4	3,432.43
7	213.00	7	571.54	7	930.09	7	1,288.63	7	1,647.18	7	2,005.72	7	2,364.27	7	2,722.81	7	3,081.36	7	3,439.90
1/4	220.47	1/4	579.01	1/4	937.56	1/4	1,296.10	1/4	1,654.65	1/4	2,013.19	1/4	2,371.74	1/4	2,730.28	1/4	3,088.83	1/4	3,447.37
1/2	227.94	1/2	586.48	1/2	945.03	1/2	1,303.57	1/2	1,662.12	1/2	2,020.66	1/2	2,379.21	1/2	2,737.75	1/2	3,096.29	1/2	3,454.84
3/4	235.41	3/4	593.95	3/4	952.50	3/4	1,311.04	3/4	1,669.59	3/4	2,028.13	3/4	2,386.68	3/4	2,745.22	3/4	3,103.76	3/4	3,462.31
8	242.88	8	601.42	8	959.97	8	1,318.51	8	1,677.06	8	2,035.60	8	2,394.15	8	2,752.69	8	3,111.23	8	3,469.78
1/4	250.35	1/4	608.89	1/4	967.44	1/4	1,325.98	1/4	1,684.53	1/4	2,043.07	1/4	2,401.62	1/4	2,760.16	1/4	3,118.70	1/4	3,477.25
1/2	257.82	1/2	616.36	1/2	974.91	1/2	1,333.45	1/2	1,692.00	1/2	2,050.54	1/2	2,409.09	1/2	2,767.63	1/2	3,126.17	1/2	3,484.72
3/4	265.29	3/4	623.83	3/4	982.38	3/4	1,340.92	3/4	1,699.47	3/4	2,058.01	3/4	2,416.55	3/4	2,775.10	3/4	3,133.64	3/4	3,492.19
9	272.76	9	631.30	9	989.85	9	1,348.39	9	1,706.94	9	2,065.48	9	2,424.02	9	2,782.57	9	3,141.11	9	3,499.66
1/4	280.23	1/4	638.77	1/4	997.32	1/4	1,355.86	1/4	1,714.41	1/4	2,072.95	1/4	2,431.49	1/4	2,790.04	1/4	3,148.58	1/4	3,507.13
1/2	287.70	1/2	646.24	1/2	1,004.79	1/2	1,363.33	1/2	1,721.88	1/2	2,080.42	1/2	2,438.96	1/2	2,797.51	1/2	3,156.05	1/2	3,514.60
3/4	295.17	3/4	653.71	3/4	1,012.26	3/4	1,370.80	3/4	1,729.34	3/4	2,087.89	3/4	2,446.43	3/4	2,804.98	3/4	3,163.52	3/4	3,522.07
10	302.64	10	661.18	10	1,019.73	10	1,378.27	10	1,736.81	10	2,095.36	10	2,453.90	10	2,812.45	10	3,170.99	10	3,529.54
1/4	310.11	1/4	668.65	1/4	1,027.20	1/4	1,385.74	1/4	1,744.28	1/4	2,102.83	1/4	2,461.37	1/4	2,819.92	1/4	3,178.46	1/4	3,537.01
1/2	317.58	1/2	676.12	1/2	1,034.67	1/2	1,393.21	1/2	1,751.75	1/2	2,110.30	1/2	2,468.84	1/2	2,827.39	1/2	3,185.93	1/2	3,544.48
3/4	325.05	3/4	683.59	3/4	1,042.13	3/4	1,400.68	3/4	1,759.22	3/4	2,117.77	3/4	2,476.31	3/4	2,834.86	3/4	3,193.40	3/4	3,551.95
11	332.52	11	691.06	11	1,049.60	11	1,408.15	11	1,766.69	11	2,125.24	11	2,483.78	11	2,842.33	11	3,200.87	11	3,559.42
1/4	339.99	1/4	698.53	1/4	1,057.07	1/4	1,415.62	1/4	1,774.16	1/4	2,132.71	1/4	2,491.25	1/4	2,849.80	1/4	3,208.34	1/4	3,566.89
1/2	347.46	1/2	706.00	1/2	1,064.54	1/2	1,423.09	1/2	1,781.63	1/2	2,140.18	1/2	2,498.72	1/2	2,857.26	1/2	3,215.81	1/2	3,574.35
3/4	354.92	3/4	713.47	3/4	1,072.01	3/4	1,430.56	3/4	1,789.10	3/4	2,147.65	3/4	2,506.19	3/4	2,864.73	3/4	3,223.28	3/4	3,581.82

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 INNAGE GAUGES TAKEN TO TOP LIP OF BALL VALVE ON 2" DECK PIPE.

GAUGE POINT: (BALL VALVE) LOCATED NEAR GEOMETRIC CENTER OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29184"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,589.29	0	3,851.94	0	4,114.58	0	4,377.22	0	4,639.87	0		0		0					
1/4	3,594.76	1/4	3,857.41	1/4	4,120.05	1/4	4,382.69	1/4	4,645.34	1/4		1/4		1/4					
1/2	3,600.23	1/2	3,862.88	1/2	4,125.52	1/2	4,388.16	1/2	4,650.81	1/2		1/2		1/2					
3/4	3,605.71	3/4	3,868.35	3/4	4,131.00	3/4	4,393.64	3/4	4,656.28	3/4		3/4		3/4					
1	3,611.18	1	3,873.82	1	4,136.47	1	4,399.11	1	4,661.75	1		1		1					
1/4	3,616.65	1/4	3,879.29	1/4	4,141.94	1/4	4,404.58	1/4	4,667.22	1/4		1/4		1/4					
1/2	3,622.12	1/2	3,884.76	1/2	4,147.41	1/2	4,410.05	1/2	4,672.69	1/2		1/2		1/2					
3/4	3,627.60	3/4	3,890.24	3/4	4,152.88	3/4	4,415.53	3/4	4,678.17	3/4		3/4		3/4					
2	3,633.07	2	3,895.71	2	4,158.35	2	4,421.00	2	4,683.64	2		2		2					
1/4	3,638.54	1/4	3,901.18	1/4	4,163.82	1/4	4,426.47	1/4	4,689.11	1/4		1/4		1/4					
1/2	3,644.01	1/2	3,906.65	1/2	4,169.29	1/2	4,431.94	1/2	4,694.58	1/2		1/2		1/2					
3/4	3,649.48	3/4	3,912.13	3/4	4,174.77	3/4	4,437.41	3/4	4,700.06	3/4		3/4		3/4					
3	3,654.95	3	3,917.60	3	4,180.24	3	4,442.88	3	4,705.53	3		3		3					
1/4	3,660.42	1/4	3,923.07	1/4	4,185.71	1/4	4,448.35	1/4	4,711.00	1/4		1/4		1/4					
1/2	3,665.89	1/2	3,928.54	1/2	4,191.18	1/2	4,453.82	1/2	4,716.47	1/2		1/2		1/2					
3/4	3,671.37	3/4	3,934.01	3/4	4,196.66	3/4	4,459.30	3/4	4,721.94	3/4		3/4		3/4					
4	3,676.84	4	3,939.48	4	4,202.13	4	4,464.77	4	4,727.41	4		4		4					
1/4	3,682.31	1/4	3,944.95	1/4	4,207.60	1/4	4,470.24	1/4	4,732.88	1/4		1/4		1/4					
1/2	3,687.78	1/2	3,950.42	1/2	4,213.07	1/2	4,475.71	1/2	4,738.35	1/2		1/2		1/2					
3/4	3,693.26	3/4	3,955.90	3/4	4,218.54	3/4	4,481.19	3/4	4,743.83	3/4		3/4		3/4					
5	3,698.73	5	3,961.37	5	4,224.01	5	4,486.66	5	4,749.30	5		5		5					
1/4	3,704.20	1/4	3,966.84	1/4	4,229.48	1/4	4,492.13	1/4	4,754.77	1/4		1/4		1/4					
1/2	3,709.67	1/2	3,972.31	1/2	4,234.95	1/2	4,497.60	1/2	4,760.24	1/2		1/2		1/2					
3/4	3,715.15	3/4	3,977.79	3/4	4,240.43	3/4	4,503.07	3/4	4,765.72	3/4		3/4		3/4					
6	3,720.62	6	3,983.26	6	4,245.90	6	4,508.54	6	4,771.19	6		6		6					
1/4	3,726.09	1/4	3,988.73	1/4	4,251.37	1/4	4,514.01	1/4	4,776.66	1/4		1/4		1/4					
1/2	3,731.56	1/2	3,994.20	1/2	4,256.84	1/2	4,519.48	1/2	4,782.13	1/2		1/2		1/2					
3/4	3,737.03	3/4	3,999.68	3/4	4,262.32	3/4	4,524.96	3/4	4,787.60	3/4		3/4		3/4					
7	3,742.50	7	4,005.15	7	4,267.79	7	4,530.43	7	4,793.07	7		7		7					
1/4	3,747.97	1/4	4,010.62	1/4	4,273.26	1/4	4,535.90	1/4	4,796.19	1/4		1/4		1/4					
1/2	3,753.44	1/2	4,016.09	1/2	4,278.73	1/2	4,541.37	1/2	4,799.30	1/2		1/2		1/2					
3/4	3,758.92	3/4	4,021.56	3/4	4,284.20	3/4	4,546.85	3/4	4,802.42	3/4		3/4		3/4					
8	3,764.39	8	4,027.03	8	4,289.67	8	4,552.32	8	4,805.54	8		8		8					
1/4	3,769.86	1/4	4,032.50	1/4	4,295.14	1/4	4,557.79	1/4	4,807.87	1/4		1/4		1/4					
1/2	3,775.33	1/2	4,037.97	1/2	4,300.61	1/2	4,563.26	1/2	4,810.20	1/2		1/2		1/2					
3/4	3,780.81	3/4	4,043.45	3/4	4,306.09	3/4	4,568.73	3/4	4,812.54	3/4		3/4		3/4					
9	3,786.28	9	4,048.92	9	4,311.56	9	4,574.20	9	4,814.87	9		9		9					
1/4	3,791.75	1/4	4,054.39	1/4	4,317.03	1/4	4,579.67	1/4	4,816.42	1/4		1/4		1/4					
1/2	3,797.22	1/2	4,059.86	1/2	4,322.50	1/2	4,585.14	1/2	4,817.97	1/2		1/2		1/2					
3/4	3,802.69	3/4	4,065.34	3/4	4,327.98	3/4	4,590.62	3/4	4,819.52	3/4		3/4		3/4					
10	3,808.16	10	4,070.81	10	4,333.45	10	4,596.09	10	4,821.07	10		10		10					
1/4	3,813.63	1/4	4,076.28	1/4	4,338.92	1/4	4,601.56	1/4	4,821.83	1/4		1/4		1/4					
1/2	3,819.10	1/2	4,081.75	1/2	4,344.39	1/2	4,607.03	1/2	4,822.59	1/2		1/2		1/2					
3/4	3,824.58	3/4	4,087.22	3/4	4,349.87	3/4	4,612.51	3/4	4,823.36	3/4		3/4		3/4					
11	3,830.05	11	4,092.69	11	4,355.34	11	4,617.98	11	4,824.12	11		11		11					
1/4	3,835.52	1/4	4,098.16	1/4	4,360.81	1/4	4,623.45	1/4		1/4		1/4		1/4					
1/2	3,840.99	1/2	4,103.63	1/2	4,366.28	1/2	4,628.92	1/2		1/2		1/2		1/2					
3/4	3,846.47	3/4	4,109.11	3/4	4,371.75	3/4	4,634.40	3/4		3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/26/2003 INT.
CALCULATED: 10/26/2003 INT.
NAME CHANGE: 08/04/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 29184"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-09 1/8"

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	18.83	0	362.39	0	720.94	0	1,079.48	0	1,438.03	0	1,796.57	0	2,155.12	0	2,513.66	0	2,872.20	0	3,230.75
1/4	23.49	1/4	369.86	1/4	728.41	1/4	1,086.95	1/4	1,445.50	1/4	1,804.04	1/4	2,162.59	1/4	2,521.13	1/4	2,879.67	1/4	3,238.22
1/2	28.15	1/2	377.33	1/2	735.88	1/2	1,094.42	1/2	1,452.97	1/2	1,811.51	1/2	2,170.06	1/2	2,528.60	1/2	2,887.14	1/2	3,245.69
3/4	32.81	3/4	384.80	3/4	743.35	3/4	1,101.89	3/4	1,460.44	3/4	1,818.98	3/4	2,177.52	3/4	2,536.07	3/4	2,894.61	3/4	3,253.16
1	37.47	1	392.27	1	750.82	1	1,109.36	1	1,467.91	1	1,826.45	1	2,184.99	1	2,543.54	1	2,902.08	1	3,260.63
1/4	44.01	1/4	399.74	1/4	758.29	1/4	1,116.83	1/4	1,475.38	1/4	1,833.92	1/4	2,192.46	1/4	2,551.01	1/4	2,909.55	1/4	3,268.10
1/2	50.54	1/2	407.21	1/2	765.76	1/2	1,124.30	1/2	1,482.85	1/2	1,841.39	1/2	2,199.93	1/2	2,558.48	1/2	2,917.02	1/2	3,275.57
3/4	57.08	3/4	414.68	3/4	773.23	3/4	1,131.77	3/4	1,490.31	3/4	1,848.86	3/4	2,207.40	3/4	2,565.95	3/4	2,924.49	3/4	3,283.04
2	63.61	2	422.15	2	780.70	2	1,139.24	2	1,497.78	2	1,856.33	2	2,214.87	2	2,573.42	2	2,931.96	2	3,290.51
1/4	71.08	1/4	429.62	1/4	788.17	1/4	1,146.71	1/4	1,505.25	1/4	1,863.80	1/4	2,222.34	1/4	2,580.89	1/4	2,939.43	1/4	3,297.98
1/2	78.55	1/2	437.09	1/2	795.64	1/2	1,154.18	1/2	1,512.72	1/2	1,871.27	1/2	2,229.81	1/2	2,588.36	1/2	2,946.90	1/2	3,305.45
3/4	86.02	3/4	444.56	3/4	803.10	3/4	1,161.65	3/4	1,520.19	3/4	1,878.74	3/4	2,237.28	3/4	2,595.83	3/4	2,954.37	3/4	3,312.92
3	93.49	3	452.03	3	810.57	3	1,169.12	3	1,527.66	3	1,886.21	3	2,244.75	3	2,603.30	3	2,961.84	3	3,320.39
1/4	100.96	1/4	459.50	1/4	818.04	1/4	1,176.59	1/4	1,535.13	1/4	1,893.68	1/4	2,252.22	1/4	2,610.77	1/4	2,969.31	1/4	3,327.86
1/2	108.43	1/2	466.97	1/2	825.51	1/2	1,184.06	1/2	1,542.60	1/2	1,901.15	1/2	2,259.69	1/2	2,618.24	1/2	2,976.78	1/2	3,335.32
3/4	115.89	3/4	474.44	3/4	832.98	3/4	1,191.53	3/4	1,550.07	3/4	1,908.62	3/4	2,267.16	3/4	2,625.71	3/4	2,984.25	3/4	3,342.79
4	123.36	4	481.91	4	840.45	4	1,199.00	4	1,557.54	4	1,916.09	4	2,274.63	4	2,633.18	4	2,991.72	4	3,350.26
1/4	130.83	1/4	489.38	1/4	847.92	1/4	1,206.47	1/4	1,565.01	1/4	1,923.56	1/4	2,282.10	1/4	2,640.65	1/4	2,999.19	1/4	3,357.73
1/2	138.30	1/2	496.85	1/2	855.39	1/2	1,213.94	1/2	1,572.48	1/2	1,931.03	1/2	2,289.57	1/2	2,648.11	1/2	3,006.66	1/2	3,365.20
3/4	145.77	3/4	504.32	3/4	862.86	3/4	1,221.41	3/4	1,579.95	3/4	1,938.50	3/4	2,297.04	3/4	2,655.58	3/4	3,014.13	3/4	3,372.67
5	153.24	5	511.79	5	870.33	5	1,228.88	5	1,587.42	5	1,945.97	5	2,304.51	5	2,663.05	5	3,021.60	5	3,380.14
1/4	160.71	1/4	519.26	1/4	877.80	1/4	1,236.35	1/4	1,594.89	1/4	1,953.44	1/4	2,311.98	1/4	2,670.52	1/4	3,029.07	1/4	3,387.61
1/2	168.18	1/2	526.73	1/2	885.27	1/2	1,243.82	1/2	1,602.36	1/2	1,960.91	1/2	2,319.45	1/2	2,677.99	1/2	3,036.54	1/2	3,395.08
3/4	175.65	3/4	534.20	3/4	892.74	3/4	1,251.28	3/4	1,609.83	3/4	1,968.37	3/4	2,326.92	3/4	2,685.46	3/4	3,044.01	3/4	3,402.55
6	183.12	6	541.67	6	900.21	6	1,258.75	6	1,617.30	6	1,975.84	6	2,334.39	6	2,692.93	6	3,051.48	6	3,410.02
1/4	190.59	1/4	549.14	1/4	907.68	1/4	1,266.22	1/4	1,624.77	1/4	1,983.31	1/4	2,341.86	1/4	2,700.40	1/4	3,058.95	1/4	3,417.49
1/2	198.06	1/2	556.61	1/2	915.15	1/2	1,273.69	1/2	1,632.24	1/2	1,990.78	1/2	2,349.33	1/2	2,707.87	1/2	3,066.42	1/2	3,424.96
3/4	205.53	3/4	564.07	3/4	922.62	3/4	1,281.16	3/4	1,639.71	3/4	1,998.25	3/4	2,356.80	3/4	2,715.34	3/4	3,073.89	3/4	3,432.43
7	213.00	7	571.54	7	930.09	7	1,288.63	7	1,647.18	7	2,005.72	7	2,364.27	7	2,722.81	7	3,081.36	7	3,439.90
1/4	220.47	1/4	579.01	1/4	937.56	1/4	1,296.10	1/4	1,654.65	1/4	2,013.19	1/4	2,371.74	1/4	2,730.28	1/4	3,088.83	1/4	3,447.37
1/2	227.94	1/2	586.48	1/2	945.03	1/2	1,303.57	1/2	1,662.12	1/2	2,020.66	1/2	2,379.21	1/2	2,737.75	1/2	3,096.29	1/2	3,454.84
3/4	235.41	3/4	593.95	3/4	952.50	3/4	1,311.04	3/4	1,669.59	3/4	2,028.13	3/4	2,386.68	3/4	2,745.22	3/4	3,103.76	3/4	3,462.31
8	242.88	8	601.42	8	959.97	8	1,318.51	8	1,677.06	8	2,035.60	8	2,394.15	8	2,752.69	8	3,111.23	8	3,469.78
1/4	250.35	1/4	608.89	1/4	967.44	1/4	1,325.98	1/4	1,684.53	1/4	2,043.07	1/4	2,401.62	1/4	2,760.16	1/4	3,118.70	1/4	3,477.25
1/2	257.82	1/2	616.36	1/2	974.91	1/2	1,333.45	1/2	1,692.00	1/2	2,050.54	1/2	2,409.09	1/2	2,767.63	1/2	3,126.17	1/2	3,484.72
3/4	265.29	3/4	623.83	3/4	982.38	3/4	1,340.92	3/4	1,699.47	3/4	2,058.01	3/4	2,416.55	3/4	2,775.10	3/4	3,133.64	3/4	3,492.19
9	272.76	9	631.30	9	989.85	9	1,348.39	9	1,706.94	9	2,065.48	9	2,424.02	9	2,782.57	9	3,141.11	9	3,499.66
1/4	280.23	1/4	638.77	1/4	997.32	1/4	1,355.86	1/4	1,714.41	1/4	2,072.95	1/4	2,431.49	1/4	2,790.04	1/4	3,148.58	1/4	3,507.13
1/2	287.70	1/2	646.24	1/2	1,004.79	1/2	1,363.33	1/2	1,721.88	1/2	2,080.42	1/2	2,438.96	1/2	2,797.51	1/2	3,156.05	1/2	3,514.60
3/4	295.17	3/4	653.71	3/4	1,012.26	3/4	1,370.80	3/4	1,729.34	3/4	2,087.89	3/4	2,446.43	3/4	2,804.98	3/4	3,163.52	3/4	3,522.07
10	302.64	10	661.18	10	1,019.73	10	1,378.27	10	1,736.81	10	2,095.36	10	2,453.90	10	2,812.45	10	3,170.99	10	3,529.54
1/4	310.11	1/4	668.65	1/4	1,027.20	1/4	1,385.74	1/4	1,744.28	1/4	2,102.83	1/4	2,461.37	1/4	2,819.92	1/4	3,178.46	1/4	3,537.01
1/2	317.58	1/2	676.12	1/2	1,034.67	1/2	1,393.21	1/2	1,751.75	1/2	2,110.30	1/2	2,468.84	1/2	2,827.39	1/2	3,185.93	1/2	3,544.48
3/4	325.05	3/4	683.59	3/4	1,042.13	3/4	1,400.68	3/4	1,759.22	3/4	2,117.77	3/4	2,476.31	3/4	2,834.86	3/4	3,193.40	3/4	3,551.95
11	332.52	11	691.06	11	1,049.60	11	1,408.15	11	1,766.69	11	2,125.24	11	2,483.78	11	2,842.33	11	3,200.87	11	3,559.42
1/4	339.99	1/4	698.53	1/4	1,057.07	1/4	1,415.62	1/4	1,774.16	1/4	2,132.71	1/4	2,491.25	1/4	2,849.80	1/4	3,208.34	1/4	3,566.89
1/2	347.46	1/2	706.00	1/2	1,064.54	1/2	1,423.09	1/2	1,781.63	1/2	2,140.18	1/2	2,498.72	1/2	2,857.26	1/2	3,215.81	1/2	3,574.35
3/4	354.92	3/4	713.47	3/4	1,072.01	3/4	1,430.56	3/4	1,789.10	3/4	2,147.65	3/4	2,506.19	3/4	2,864.73	3/4	3,223.28	3/4	3,581.82

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 INNAGE GAUGES TAKEN TO TOP LIP OF BALL VALVE ON 2" DECK PIPE.

GAUGE POINT: (BALL VALVE) LOCATED NEAR GEOMETRIC CENTER OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29184"

**3 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 15'-09 1/8"

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	3,589.29	0	3,851.94	0	4,114.58	0	4,377.22	0	4,639.87	0		0		0					
1/4	3,594.76	1/4	3,857.41	1/4	4,120.05	1/4	4,382.69	1/4	4,645.34	1/4		1/4		1/4					
1/2	3,600.23	1/2	3,862.88	1/2	4,125.52	1/2	4,388.16	1/2	4,650.81	1/2		1/2		1/2					
3/4	3,605.71	3/4	3,868.35	3/4	4,131.00	3/4	4,393.64	3/4	4,656.28	3/4		3/4		3/4					
1	3,611.18	1	3,873.82	1	4,136.47	1	4,399.11	1	4,661.75	1		1		1					
1/4	3,616.65	1/4	3,879.29	1/4	4,141.94	1/4	4,404.58	1/4	4,667.22	1/4		1/4		1/4					
1/2	3,622.12	1/2	3,884.76	1/2	4,147.41	1/2	4,410.05	1/2	4,672.69	1/2		1/2		1/2					
3/4	3,627.60	3/4	3,890.24	3/4	4,152.88	3/4	4,415.53	3/4	4,678.17	3/4		3/4		3/4					
2	3,633.07	2	3,895.71	2	4,158.35	2	4,421.00	2	4,683.64	2		2		2					
1/4	3,638.54	1/4	3,901.18	1/4	4,163.82	1/4	4,426.47	1/4	4,689.11	1/4		1/4		1/4					
1/2	3,644.01	1/2	3,906.65	1/2	4,169.29	1/2	4,431.94	1/2	4,694.58	1/2		1/2		1/2					
3/4	3,649.48	3/4	3,912.13	3/4	4,174.77	3/4	4,437.41	3/4	4,700.06	3/4		3/4		3/4					
3	3,654.95	3	3,917.60	3	4,180.24	3	4,442.88	3	4,705.53	3		3		3					
1/4	3,660.42	1/4	3,923.07	1/4	4,185.71	1/4	4,448.35	1/4	4,711.00	1/4		1/4		1/4					
1/2	3,665.89	1/2	3,928.54	1/2	4,191.18	1/2	4,453.82	1/2	4,716.47	1/2		1/2		1/2					
3/4	3,671.37	3/4	3,934.01	3/4	4,196.66	3/4	4,459.30	3/4	4,721.94	3/4		3/4		3/4					
4	3,676.84	4	3,939.48	4	4,202.13	4	4,464.77	4	4,727.41	4		4		4					
1/4	3,682.31	1/4	3,944.95	1/4	4,207.60	1/4	4,470.24	1/4	4,732.88	1/4		1/4		1/4					
1/2	3,687.78	1/2	3,950.42	1/2	4,213.07	1/2	4,475.71	1/2	4,738.35	1/2		1/2		1/2					
3/4	3,693.26	3/4	3,955.90	3/4	4,218.54	3/4	4,481.19	3/4	4,743.83	3/4		3/4		3/4					
5	3,698.73	5	3,961.37	5	4,224.01	5	4,486.66	5	4,749.30	5		5		5					
1/4	3,704.20	1/4	3,966.84	1/4	4,229.48	1/4	4,492.13	1/4	4,754.77	1/4		1/4		1/4					
1/2	3,709.67	1/2	3,972.31	1/2	4,234.95	1/2	4,497.60	1/2	4,760.24	1/2		1/2		1/2					
3/4	3,715.15	3/4	3,977.79	3/4	4,240.43	3/4	4,503.07	3/4	4,765.72	3/4		3/4		3/4					
6	3,720.62	6	3,983.26	6	4,245.90	6	4,508.54	6	4,771.19	6		6		6					
1/4	3,726.09	1/4	3,988.73	1/4	4,251.37	1/4	4,514.01	1/4	4,776.66	1/4		1/4		1/4					
1/2	3,731.56	1/2	3,994.20	1/2	4,256.84	1/2	4,519.48	1/2	4,782.13	1/2		1/2		1/2					
3/4	3,737.03	3/4	3,999.68	3/4	4,262.32	3/4	4,524.96	3/4	4,787.60	3/4		3/4		3/4					
7	3,742.50	7	4,005.15	7	4,267.79	7	4,530.43	7	4,793.07	7		7		7					
1/4	3,747.97	1/4	4,010.62	1/4	4,273.26	1/4	4,535.90	1/4	4,796.19	1/4		1/4		1/4					
1/2	3,753.44	1/2	4,016.09	1/2	4,278.73	1/2	4,541.37	1/2	4,799.30	1/2		1/2		1/2					
3/4	3,758.92	3/4	4,021.56	3/4	4,284.20	3/4	4,546.85	3/4	4,802.42	3/4		3/4		3/4					
8	3,764.39	8	4,027.03	8	4,289.67	8	4,552.32	8	4,805.54	8		8		8					
1/4	3,769.86	1/4	4,032.50	1/4	4,295.14	1/4	4,557.79	1/4	4,807.87	1/4		1/4		1/4					
1/2	3,775.33	1/2	4,037.97	1/2	4,300.61	1/2	4,563.26	1/2	4,810.20	1/2		1/2		1/2					
3/4	3,780.81	3/4	4,043.45	3/4	4,306.09	3/4	4,568.73	3/4	4,812.54	3/4		3/4		3/4					
9	3,786.28	9	4,048.92	9	4,311.56	9	4,574.20	9	4,814.87	9		9		9					
1/4	3,791.75	1/4	4,054.39	1/4	4,317.03	1/4	4,579.67	1/4	4,816.42	1/4		1/4		1/4					
1/2	3,797.22	1/2	4,059.86	1/2	4,322.50	1/2	4,585.14	1/2	4,817.97	1/2		1/2		1/2					
3/4	3,802.69	3/4	4,065.34	3/4	4,327.98	3/4	4,590.62	3/4	4,819.52	3/4		3/4		3/4					
10	3,808.16	10	4,070.81	10	4,333.45	10	4,596.09	10	4,821.07	10		10		10					
1/4	3,813.63	1/4	4,076.28	1/4	4,338.92	1/4	4,601.56	1/4	4,821.83	1/4		1/4		1/4					
1/2	3,819.10	1/2	4,081.75	1/2	4,344.39	1/2	4,607.03	1/2	4,822.59	1/2		1/2		1/2					
3/4	3,824.58	3/4	4,087.22	3/4	4,349.87	3/4	4,612.51	3/4	4,823.36	3/4		3/4		3/4					
11	3,830.05	11	4,092.69	11	4,355.34	11	4,617.98	11	4,824.12	11		11		11					
1/4	3,835.52	1/4	4,098.16	1/4	4,360.81	1/4	4,623.45	1/4		1/4		1/4		1/4					
1/2	3,840.99	1/2	4,103.63	1/2	4,366.28	1/2	4,628.92	1/2		1/2		1/2		1/2					
3/4	3,846.47	3/4	4,109.11	3/4	4,371.75	3/4	4,634.40	3/4		3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/26/2003 INT.
CALCULATED: 10/26/2003 INT.
NAME CHANGE: 08/04/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2025

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



BARGE "KIRBY 29184"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 5' 04 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,008	0	2,017	0	3,025	0	4,034	0		0		0		0		0	
1/4	21	1/4	1,029	1/4	2,038	1/4	3,046	1/4	4,055	1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	1,050	1/2	2,059	1/2	3,067	1/2	4,076	1/2		1/2		1/2		1/2		1/2	
3/4	63	3/4	1,071	3/4	2,080	3/4	3,088	3/4	4,097	3/4		3/4		3/4		3/4		3/4	
1	84	1	1,092	1	2,101	1	3,109	1	4,118	1		1		1		1		1	
1/4	105	1/4	1,113	1/4	2,122	1/4	3,130	1/4	4,139	1/4		1/4		1/4		1/4		1/4	
1/2	126	1/2	1,135	1/2	2,143	1/2	3,151	1/2	4,160	1/2		1/2		1/2		1/2		1/2	
3/4	147	3/4	1,156	3/4	2,164	3/4	3,172	3/4	4,181	3/4		3/4		3/4		3/4		3/4	
2	168	2	1,177	2	2,185	2	3,193	2	4,202	2		2		2		2		2	
1/4	189	1/4	1,198	1/4	2,206	1/4	3,214	1/4	4,223	1/4		1/4		1/4		1/4		1/4	
1/2	210	1/2	1,219	1/2	2,227	1/2	3,235	1/2	4,244	1/2		1/2		1/2		1/2		1/2	
3/4	231	3/4	1,240	3/4	2,248	3/4	3,256	3/4	4,265	3/4		3/4		3/4		3/4		3/4	
3	252	3	1,261	3	2,269	3	3,277	3	4,286	3		3		3		3		3	
1/4	273	1/4	1,282	1/4	2,290	1/4	3,298	1/4	4,307	1/4		1/4		1/4		1/4		1/4	
1/2	294	1/2	1,303	1/2	2,311	1/2	3,319	1/2	4,328	1/2		1/2		1/2		1/2		1/2	
3/4	315	3/4	1,324	3/4	2,332	3/4	3,340	3/4	4,349	3/4		3/4		3/4		3/4		3/4	
4	336	4	1,345	4	2,353	4	3,361	4	4,370	4		4		4		4		4	
1/4	357	1/4	1,366	1/4	2,374	1/4	3,382	1/4	4,391	1/4		1/4		1/4		1/4		1/4	
1/2	378	1/2	1,387	1/2	2,395	1/2	3,404	1/2	4,412	1/2		1/2		1/2		1/2		1/2	
3/4	399	3/4	1,408	3/4	2,416	3/4	3,425	3/4	4,433	3/4		3/4		3/4		3/4		3/4	
5	420	5	1,429	5	2,437	5	3,446	5	4,454	5		5		5		5		5	
1/4	441	1/4	1,450	1/4	2,458	1/4	3,467	1/4	4,475	1/4		1/4		1/4		1/4		1/4	
1/2	462	1/2	1,471	1/2	2,479	1/2	3,488	1/2	4,496	1/2		1/2		1/2		1/2		1/2	
3/4	483	3/4	1,492	3/4	2,500	3/4	3,509	3/4	4,517	3/4		3/4		3/4		3/4		3/4	
6	504	6	1,513	6	2,521	6	3,530	6	4,538	6		6		6		6		6	
1/4	525	1/4	1,534	1/4	2,542	1/4	3,551	1/4	4,559	1/4		1/4		1/4		1/4		1/4	
1/2	546	1/2	1,555	1/2	2,563	1/2	3,572	1/2	4,580	1/2		1/2		1/2		1/2		1/2	
3/4	567	3/4	1,576	3/4	2,584	3/4	3,593	3/4	4,601	3/4		3/4		3/4		3/4		3/4	
7	588	7	1,597	7	2,605	7	3,614	7	4,622	7		7		7		7		7	
1/4	609	1/4	1,618	1/4	2,626	1/4	3,635	1/4	4,643	1/4		1/4		1/4		1/4		1/4	
1/2	630	1/2	1,639	1/2	2,647	1/2	3,656	1/2	4,664	1/2		1/2		1/2		1/2		1/2	
3/4	651	3/4	1,660	3/4	2,668	3/4	3,677	3/4	4,685	3/4		3/4		3/4		3/4		3/4	
8	672	8	1,681	8	2,689	8	3,698	8	4,706	8		8		8		8		8	
1/4	693	1/4	1,702	1/4	2,710	1/4	3,719	1/4	4,727	1/4		1/4		1/4		1/4		1/4	
1/2	714	1/2	1,723	1/2	2,731	1/2	3,740	1/2	4,748	1/2		1/2		1/2		1/2		1/2	
3/4	735	3/4	1,744	3/4	2,752	3/4	3,761	3/4	4,769	3/4		3/4		3/4		3/4		3/4	
9	756	9	1,765	9	2,773	9	3,782	9	4,790	9		9		9		9		9	
1/4	777	1/4	1,786	1/4	2,794	1/4	3,803	1/4	4,811	1/4		1/4		1/4		1/4		1/4	
1/2	798	1/2	1,807	1/2	2,815	1/2	3,824	1/2	4,832	1/2		1/2		1/2		1/2		1/2	
3/4	819	3/4	1,828	3/4	2,836	3/4	3,845	3/4	4,853	3/4		3/4		3/4		3/4		3/4	
10	840	10	1,849	10	2,857	10	3,866	10	4,874	10		10		10		10		10	
1/4	861	1/4	1,870	1/4	2,878	1/4	3,887	1/4	4,895	1/4		1/4		1/4		1/4		1/4	
1/2	882	1/2	1,891	1/2	2,899	1/2	3,908	1/2	4,916	1/2		1/2		1/2		1/2		1/2	
3/4	903	3/4	1,912	3/4	2,920	3/4	3,929	3/4	4,937	3/4		3/4		3/4		3/4		3/4	
11	924	11	1,933	11	2,941	11	3,950	11	4,958	11		11		11		11		11	
1/4	945	1/4	1,954	1/4	2,962	1/4	3,971	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	966	1/2	1,975	1/2	2,983	1/2	3,992	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	987	3/4	1,996	3/4	3,004	3/4	4,013	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THE TOP LIP OF 2" BALL VALVE.

STRAPPED: 09/26/2003 INT.
CALCULATED: 10/26/2003 INT.
NAME CHANGE: 08/04/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2025

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



BARGE "KIRBY 29184"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: FMT 3124"

GAUGE HEIGHT 5' 05"

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	1,008	0	2,017	0	3,025	0	4,034	0		0		0		0		0	
1/4	21	1/4	1,029	1/4	2,038	1/4	3,046	1/4	4,055	1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	1,050	1/2	2,059	1/2	3,067	1/2	4,076	1/2		1/2		1/2		1/2		1/2	
3/4	63	3/4	1,071	3/4	2,080	3/4	3,088	3/4	4,097	3/4		3/4		3/4		3/4		3/4	
1	84	1	1,092	1	2,101	1	3,109	1	4,118	1		1		1		1		1	
1/4	105	1/4	1,113	1/4	2,122	1/4	3,130	1/4	4,139	1/4		1/4		1/4		1/4		1/4	
1/2	126	1/2	1,135	1/2	2,143	1/2	3,151	1/2	4,160	1/2		1/2		1/2		1/2		1/2	
3/4	147	3/4	1,156	3/4	2,164	3/4	3,172	3/4	4,181	3/4		3/4		3/4		3/4		3/4	
2	168	2	1,177	2	2,185	2	3,193	2	4,202	2		2		2		2		2	
1/4	189	1/4	1,198	1/4	2,206	1/4	3,214	1/4	4,223	1/4		1/4		1/4		1/4		1/4	
1/2	210	1/2	1,219	1/2	2,227	1/2	3,235	1/2	4,244	1/2		1/2		1/2		1/2		1/2	
3/4	231	3/4	1,240	3/4	2,248	3/4	3,256	3/4	4,265	3/4		3/4		3/4		3/4		3/4	
3	252	3	1,261	3	2,269	3	3,277	3	4,286	3		3		3		3		3	
1/4	273	1/4	1,282	1/4	2,290	1/4	3,298	1/4	4,307	1/4		1/4		1/4		1/4		1/4	
1/2	294	1/2	1,303	1/2	2,311	1/2	3,319	1/2	4,328	1/2		1/2		1/2		1/2		1/2	
3/4	315	3/4	1,324	3/4	2,332	3/4	3,340	3/4	4,349	3/4		3/4		3/4		3/4		3/4	
4	336	4	1,345	4	2,353	4	3,361	4	4,370	4		4		4		4		4	
1/4	357	1/4	1,366	1/4	2,374	1/4	3,382	1/4	4,391	1/4		1/4		1/4		1/4		1/4	
1/2	378	1/2	1,387	1/2	2,395	1/2	3,404	1/2	4,412	1/2		1/2		1/2		1/2		1/2	
3/4	399	3/4	1,408	3/4	2,416	3/4	3,425	3/4	4,433	3/4		3/4		3/4		3/4		3/4	
5	420	5	1,429	5	2,437	5	3,446	5	4,454	5		5		5		5		5	
1/4	441	1/4	1,450	1/4	2,458	1/4	3,467	1/4	4,475	1/4		1/4		1/4		1/4		1/4	
1/2	462	1/2	1,471	1/2	2,479	1/2	3,488	1/2	4,496	1/2		1/2		1/2		1/2		1/2	
3/4	483	3/4	1,492	3/4	2,500	3/4	3,509	3/4	4,517	3/4		3/4		3/4		3/4		3/4	
6	504	6	1,513	6	2,521	6	3,530	6	4,538	6		6		6		6		6	
1/4	525	1/4	1,534	1/4	2,542	1/4	3,551	1/4	4,559	1/4		1/4		1/4		1/4		1/4	
1/2	546	1/2	1,555	1/2	2,563	1/2	3,572	1/2	4,580	1/2		1/2		1/2		1/2		1/2	
3/4	567	3/4	1,576	3/4	2,584	3/4	3,593	3/4	4,601	3/4		3/4		3/4		3/4		3/4	
7	588	7	1,597	7	2,605	7	3,614	7	4,622	7		7		7		7		7	
1/4	609	1/4	1,618	1/4	2,626	1/4	3,635	1/4	4,643	1/4		1/4		1/4		1/4		1/4	
1/2	630	1/2	1,639	1/2	2,647	1/2	3,656	1/2	4,664	1/2		1/2		1/2		1/2		1/2	
3/4	651	3/4	1,660	3/4	2,668	3/4	3,677	3/4	4,685	3/4		3/4		3/4		3/4		3/4	
8	672	8	1,681	8	2,689	8	3,698	8	4,706	8		8		8		8		8	
1/4	693	1/4	1,702	1/4	2,710	1/4	3,719	1/4	4,727	1/4		1/4		1/4		1/4		1/4	
1/2	714	1/2	1,723	1/2	2,731	1/2	3,740	1/2	4,748	1/2		1/2		1/2		1/2		1/2	
3/4	735	3/4	1,744	3/4	2,752	3/4	3,761	3/4	4,769	3/4		3/4		3/4		3/4		3/4	
9	756	9	1,765	9	2,773	9	3,782	9	4,790	9		9		9		9		9	
1/4	777	1/4	1,786	1/4	2,794	1/4	3,803	1/4	4,811	1/4		1/4		1/4		1/4		1/4	
1/2	798	1/2	1,807	1/2	2,815	1/2	3,824	1/2	4,832	1/2		1/2		1/2		1/2		1/2	
3/4	819	3/4	1,828	3/4	2,836	3/4	3,845	3/4	4,853	3/4		3/4		3/4		3/4		3/4	
10	840	10	1,849	10	2,857	10	3,866	10	4,874	10		10		10		10		10	
1/4	861	1/4	1,870	1/4	2,878	1/4	3,887	1/4	4,895	1/4		1/4		1/4		1/4		1/4	
1/2	882	1/2	1,891	1/2	2,899	1/2	3,908	1/2	4,916	1/2		1/2		1/2		1/2		1/2	
3/4	903	3/4	1,912	3/4	2,920	3/4	3,929	3/4	4,937	3/4		3/4		3/4		3/4		3/4	
11	924	11	1,933	11	2,941	11	3,950	11	4,958	11		11		11		11		11	
1/4	945	1/4	1,954	1/4	2,962	1/4	3,971	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	966	1/2	1,975	1/2	2,983	1/2	3,992	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	987	3/4	1,996	3/4	3,004	3/4	4,013	3/4		3/4		3/4		3/4		3/4		3/4	

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STRAPPED: 09/26/2003 INT.
CALCULATED: 10/26/2003 INT.
NAME CHANGE: 08/04/2025 JS

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