



BARGE "KIRBY 16824"

PORT HORIZONTAL

INNAGE TABLE BERGAN GAUGE

FORMERLY: FMT 2068

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0.12	0	187.57	0	523.15	0	946.68	0	1,432.57	0	1,964.42	0	2,529.61	0	3,117.52	0	3,718.67	0	4,324.11
1/4	1.27	1/4	193.45	1/4	531.25	1/4	956.27	1/4	1,443.26	1/4	1,975.91	1/4	2,541.67	1/4	3,129.95	1/4	3,731.27	1/4	4,336.70
1/2	2.41	1/2	199.33	1/2	539.35	1/2	965.86	1/2	1,453.95	1/2	1,987.41	1/2	2,553.74	1/2	3,142.38	1/2	3,743.87	1/2	4,349.29
3/4	3.55	3/4	205.21	3/4	547.45	3/4	975.46	3/4	1,464.64	3/4	1,998.91	3/4	2,565.80	3/4	3,154.81	3/4	3,756.48	3/4	4,361.89
1	4.69	1	211.09	1	555.54	1	985.05	1	1,475.33	1	2,010.40	1	2,577.87	1	3,167.24	1	3,769.08	1	4,374.48
1/4	6.78	1/4	217.19	1/4	563.79	1/4	994.75	1/4	1,486.10	1/4	2,021.95	1/4	2,589.97	1/4	3,179.69	1/4	3,781.69	1/4	4,387.06
1/2	8.87	1/2	223.29	1/2	572.03	1/2	1,004.45	1/2	1,496.86	1/2	2,033.50	1/2	2,602.07	1/2	3,192.14	1/2	3,794.30	1/2	4,399.65
3/4	10.96	3/4	229.39	3/4	580.27	3/4	1,014.14	3/4	1,507.63	3/4	2,045.06	3/4	2,614.18	3/4	3,204.59	3/4	3,806.91	3/4	4,412.23
2	13.05	2	235.49	2	588.52	2	1,023.84	2	1,518.40	2	2,056.61	2	2,626.28	2	3,217.04	2	3,819.51	2	4,424.81
1/4	15.75	1/4	241.83	1/4	596.90	1/4	1,033.64	1/4	1,529.24	1/4	2,068.21	1/4	2,638.42	1/4	3,229.51	1/4	3,832.13	1/4	4,437.39
1/2	18.46	1/2	248.17	1/2	605.28	1/2	1,043.44	1/2	1,540.08	1/2	2,079.82	1/2	2,650.56	1/2	3,241.98	1/2	3,844.74	1/2	4,449.96
3/4	21.16	3/4	254.51	3/4	613.66	3/4	1,053.24	3/4	1,550.92	3/4	2,091.42	3/4	2,662.70	3/4	3,254.46	3/4	3,857.36	3/4	4,462.54
3	23.86	3	260.84	3	622.05	3	1,063.04	3	1,561.77	3	2,103.03	3	2,674.84	3	3,266.93	3	3,869.97	3	4,475.11
1/4	27.06	1/4	267.41	1/4	630.57	1/4	1,072.94	1/4	1,572.68	1/4	2,114.69	1/4	2,687.01	1/4	3,279.42	1/4	3,882.59	1/4	4,487.67
1/2	30.26	1/2	273.98	1/2	639.09	1/2	1,082.84	1/2	1,583.60	1/2	2,126.35	1/2	2,699.19	1/2	3,291.91	1/2	3,895.20	1/2	4,500.23
3/4	33.46	3/4	280.55	3/4	647.61	3/4	1,092.74	3/4	1,594.51	3/4	2,138.01	3/4	2,711.36	3/4	3,304.40	3/4	3,907.82	3/4	4,512.80
4	36.66	4	287.11	4	656.12	4	1,102.63	4	1,605.43	4	2,149.66	4	2,723.54	4	3,316.89	4	3,920.44	4	4,525.36
1/4	40.28	1/4	293.88	1/4	664.78	1/4	1,112.63	1/4	1,616.41	1/4	2,161.37	1/4	2,735.75	1/4	3,329.39	1/4	3,933.06	1/4	4,537.91
1/2	43.90	1/2	300.64	1/2	673.43	1/2	1,122.63	1/2	1,627.40	1/2	2,173.08	1/2	2,747.96	1/2	3,341.90	1/2	3,945.68	1/2	4,550.46
3/4	47.53	3/4	307.40	3/4	682.08	3/4	1,132.62	3/4	1,638.39	3/4	2,184.79	3/4	2,760.16	3/4	3,354.41	3/4	3,958.30	3/4	4,563.01
5	51.15	5	314.16	5	690.73	5	1,142.62	5	1,649.38	5	2,196.50	5	2,772.37	5	3,366.91	5	3,970.92	5	4,575.56
1/4	55.15	1/4	321.11	1/4	699.51	1/4	1,152.71	1/4	1,660.43	1/4	2,208.26	1/4	2,784.61	1/4	3,379.44	1/4	3,983.54	1/4	4,588.09
1/2	59.15	1/2	328.06	1/2	708.29	1/2	1,162.80	1/2	1,671.49	1/2	2,220.02	1/2	2,796.85	1/2	3,391.96	1/2	3,996.16	1/2	4,600.63
3/4	63.15	3/4	335.02	3/4	717.07	3/4	1,172.89	3/4	1,682.55	3/4	2,231.78	3/4	2,809.10	3/4	3,404.49	3/4	4,008.78	3/4	4,613.16
6	67.15	6	341.97	6	725.85	6	1,182.98	6	1,693.60	6	2,243.54	6	2,821.34	6	3,417.01	6	4,021.40	6	4,625.70
1/4	71.49	1/4	349.10	1/4	734.76	1/4	1,193.16	1/4	1,704.73	1/4	2,255.35	1/4	2,833.61	1/4	3,429.55	1/4	4,034.02	1/4	4,638.22
1/2	75.84	1/2	356.23	1/2	743.67	1/2	1,203.34	1/2	1,715.85	1/2	2,267.16	1/2	2,845.88	1/2	3,442.09	1/2	4,046.64	1/2	4,650.74
3/4	80.18	3/4	363.36	3/4	752.57	3/4	1,213.53	3/4	1,726.98	3/4	2,278.96	3/4	2,858.15	3/4	3,454.63	3/4	4,059.26	3/4	4,663.26
7	84.52	7	370.49	7	761.48	7	1,223.71	7	1,738.10	7	2,290.77	7	2,870.42	7	3,467.17	7	4,071.88	7	4,675.78
1/4	89.18	1/4	377.80	1/4	770.51	1/4	1,233.98	1/4	1,749.29	1/4	2,302.63	1/4	2,882.72	1/4	3,479.72	1/4	4,084.50	1/4	4,688.28
1/2	93.84	1/2	385.10	1/2	779.54	1/2	1,244.25	1/2	1,760.48	1/2	2,314.48	1/2	2,895.03	1/2	3,492.27	1/2	4,097.12	1/2	4,700.78
3/4	98.49	3/4	392.41	3/4	788.56	3/4	1,254.52	3/4	1,771.67	3/4	2,326.34	3/4	2,907.33	3/4	3,504.82	3/4	4,109.74	3/4	4,713.29
8	103.15	8	399.71	8	797.59	8	1,264.80	8	1,782.86	8	2,338.19	8	2,919.63	8	3,517.38	8	4,122.36	8	4,725.79
1/4	108.06	1/4	407.19	1/4	806.74	1/4	1,275.16	1/4	1,794.12	1/4	2,350.09	1/4	2,931.96	1/4	3,529.94	1/4	4,134.97	1/4	4,738.27
1/2	112.97	1/2	414.66	1/2	815.89	1/2	1,285.52	1/2	1,805.37	1/2	2,361.99	1/2	2,944.29	1/2	3,542.51	1/2	4,147.59	1/2	4,750.76
3/4	117.88	3/4	422.14	3/4	825.03	3/4	1,295.88	3/4	1,816.63	3/4	2,373.89	3/4	2,956.62	3/4	3,555.07	3/4	4,160.21	3/4	4,763.24
9	122.79	9	429.61	9	834.18	9	1,306.24	9	1,827.88	9	2,385.79	9	2,968.95	9	3,567.64	9	4,172.82	9	4,775.73
1/4	127.94	1/4	437.25	1/4	843.44	1/4	1,316.68	1/4	1,839.20	1/4	2,397.73	1/4	2,981.30	1/4	3,580.21	1/4	4,185.44	1/4	4,788.20
1/2	133.08	1/2	444.89	1/2	852.71	1/2	1,327.13	1/2	1,850.52	1/2	2,409.67	1/2	2,993.66	1/2	3,592.79	1/2	4,198.05	1/2	4,800.66
3/4	138.23	3/4	452.53	3/4	861.97	3/4	1,337.57	3/4	1,861.84	3/4	2,421.62	3/4	3,006.02	3/4	3,605.37	3/4	4,210.66	3/4	4,813.13
10	143.37	10	460.17	10	871.23	10	1,348.02	10	1,873.15	10	2,433.56	10	3,018.37	10	3,617.94	10	4,223.27	10	4,825.59
1/4	148.77	1/4	467.96	1/4	880.61	1/4	1,358.55	1/4	1,884.53	1/4	2,445.55	1/4	3,030.75	1/4	3,630.53	1/4	4,235.88	1/4	4,838.04
1/2	154.18	1/2	475.76	1/2	889.98	1/2	1,369.08	1/2	1,895.91	1/2	2,457.53	1/2	3,043.14	1/2	3,643.12	1/2	4,248.49	1/2	4,850.48
3/4	159.58	3/4	483.56	3/4	899.36	3/4	1,379.60	3/4	1,907.29	3/4	2,469.52	3/4	3,055.52	3/4	3,655.70	3/4	4,261.10	3/4	4,862.93
11	164.98	11	491.35	11	908.74	11	1,390.13	11	1,918.67	11	2,481.50	11	3,067.90	11	3,668.29	11	4,273.70	11	4,875.37
1/4	170.63	1/4	499.30	1/4	918.22	1/4	1,400.74	1/4	1,930.11	1/4	2,493.53	1/4	3,080.31	1/4	3,680.88	1/4	4,286.30	1/4	4,887.80
1/2	176.28	1/2	507.25	1/2	927.71	1/2	1,411.35	1/2	1,941.54	1/2	2,505.55	1/2	3,092.71	1/2	3,693.48	1/2	4,298.90	1/2	4,900.22
3/4	181.92	3/4	515.20	3/4	937.19	3/4	1,421.96	3/4	1,952.98	3/4	2,517.58	3/4	3,105.12	3/4	3,706.07	3/4	4,311.51	3/4	4,912.64

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.
 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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 16824"

PORT HORIZONTAL INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 2068

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	4,925.07	0	5,512.61	0	6,077.22	0	6,608.24	0	7,093.03	0	7,515.03	0	7,848.91	0		0		0	
1/4	4,937.47	1/4	5,524.63	1/4	6,088.64	1/4	6,618.83	1/4	7,102.48	1/4	7,522.94	1/4	7,854.58	1/4		1/4		1/4	
1/2	4,949.87	1/2	5,536.64	1/2	6,100.06	1/2	6,629.42	1/2	7,111.94	1/2	7,530.86	1/2	7,860.24	1/2		1/2		1/2	
3/4	4,962.27	3/4	5,548.66	3/4	6,111.49	3/4	6,640.01	3/4	7,121.40	3/4	7,538.77	3/4	7,865.91	3/4		3/4		3/4	
1	4,974.67	1	5,560.68	1	6,122.91	1	6,650.60	1	7,130.86	1	7,546.68	1	7,871.58	1		1		1	
1/4	4,987.04	1/4	5,572.65	1/4	6,134.27	1/4	6,661.11	1/4	7,140.21	1/4	7,554.44	1/4	7,877.00	1/4		1/4		1/4	
1/2	4,999.42	1/2	5,584.63	1/2	6,145.64	1/2	6,671.62	1/2	7,149.56	1/2	7,562.19	1/2	7,882.41	1/2		1/2		1/2	
3/4	5,011.80	3/4	5,596.60	3/4	6,157.00	3/4	6,682.13	3/4	7,158.90	3/4	7,569.95	3/4	7,887.83	3/4		3/4		3/4	
2	5,024.17	2	5,608.58	2	6,168.36	2	6,692.64	2	7,168.25	2	7,577.71	2	7,893.25	2		2		2	
1/4	5,036.52	1/4	5,620.51	1/4	6,179.67	1/4	6,703.06	1/4	7,177.49	1/4	7,585.31	1/4	7,898.41	1/4		1/4		1/4	
1/2	5,048.87	1/2	5,632.44	1/2	6,190.97	1/2	6,713.49	1/2	7,186.72	1/2	7,592.91	1/2	7,903.57	1/2		1/2		1/2	
3/4	5,061.22	3/4	5,644.37	3/4	6,202.27	3/4	6,723.91	3/4	7,195.95	3/4	7,600.50	3/4	7,908.72	3/4		3/4		3/4	
3	5,073.57	3	5,656.31	3	6,213.57	3	6,734.33	3	7,205.19	3	7,608.10	3	7,913.88	3		3		3	
1/4	5,085.89	1/4	5,668.19	1/4	6,224.81	1/4	6,744.67	1/4	7,214.31	1/4	7,615.53	1/4	7,918.76	1/4		1/4		1/4	
1/2	5,098.22	1/2	5,680.08	1/2	6,236.05	1/2	6,755.01	1/2	7,223.42	1/2	7,622.97	1/2	7,923.64	1/2		1/2		1/2	
3/4	5,110.54	3/4	5,691.97	3/4	6,247.29	3/4	6,765.35	3/4	7,232.54	3/4	7,630.40	3/4	7,928.52	3/4		3/4		3/4	
4	5,122.86	4	5,703.86	4	6,258.53	4	6,775.69	4	7,241.66	4	7,637.83	4	7,933.39	4		4		4	
1/4	5,135.16	1/4	5,715.70	1/4	6,269.70	1/4	6,785.94	1/4	7,250.66	1/4	7,645.10	1/4	7,937.97	1/4		1/4		1/4	
1/2	5,147.45	1/2	5,727.54	1/2	6,280.88	1/2	6,796.19	1/2	7,259.66	1/2	7,652.36	1/2	7,942.56	1/2		1/2		1/2	
3/4	5,159.74	3/4	5,739.39	3/4	6,292.05	3/4	6,806.44	3/4	7,268.65	3/4	7,659.62	3/4	7,947.14	3/4		3/4		3/4	
5	5,172.04	5	5,751.23	5	6,303.23	5	6,816.69	5	7,277.65	5	7,666.88	5	7,951.72	5		5		5	
1/4	5,184.30	1/4	5,763.03	1/4	6,314.33	1/4	6,826.85	1/4	7,286.53	1/4	7,673.97	1/4	7,955.98	1/4		1/4		1/4	
1/2	5,196.57	1/2	5,774.82	1/2	6,325.44	1/2	6,837.01	1/2	7,295.40	1/2	7,681.06	1/2	7,960.24	1/2		1/2		1/2	
3/4	5,208.83	3/4	5,786.62	3/4	6,336.55	3/4	6,847.17	3/4	7,304.28	3/4	7,688.14	3/4	7,964.50	3/4		3/4		3/4	
6	5,221.09	6	5,798.41	6	6,347.66	6	6,857.32	6	7,313.15	6	7,695.23	6	7,968.76	6		6		6	
1/4	5,233.33	1/4	5,810.16	1/4	6,358.70	1/4	6,867.39	1/4	7,321.90	1/4	7,702.14	1/4	7,972.67	1/4		1/4		1/4	
1/2	5,245.56	1/2	5,821.91	1/2	6,369.74	1/2	6,877.46	1/2	7,330.65	1/2	7,709.04	1/2	7,976.58	1/2		1/2		1/2	
3/4	5,257.79	3/4	5,833.66	3/4	6,380.78	3/4	6,887.53	3/4	7,339.40	3/4	7,715.94	3/4	7,980.49	3/4		3/4		3/4	
7	5,270.03	7	5,845.40	7	6,391.82	7	6,897.59	7	7,348.15	7	7,722.85	7	7,984.40	7		7		7	
1/4	5,282.23	1/4	5,857.10	1/4	6,402.78	1/4	6,907.56	1/4	7,356.77	1/4	7,729.56	1/4	7,987.92	1/4		1/4		1/4	
1/2	5,294.43	1/2	5,868.80	1/2	6,413.75	1/2	6,917.54	1/2	7,365.38	1/2	7,736.28	1/2	7,991.44	1/2		1/2		1/2	
3/4	5,306.63	3/4	5,880.49	3/4	6,424.72	3/4	6,927.51	3/4	7,374.00	3/4	7,742.99	3/4	7,994.96	3/4		3/4		3/4	
8	5,318.83	8	5,892.19	8	6,435.69	8	6,937.48	8	7,382.62	8	7,749.70	8	7,998.48	8		8		8	
1/4	5,330.99	1/4	5,903.84	1/4	6,446.59	1/4	6,947.35	1/4	7,391.11	1/4	7,756.22	1/4	8,001.57	1/4		1/4		1/4	
1/2	5,343.16	1/2	5,915.48	1/2	6,457.49	1/2	6,957.23	1/2	7,399.59	1/2	7,762.74	1/2	8,004.65	1/2		1/2		1/2	
3/4	5,355.32	3/4	5,927.13	3/4	6,468.38	3/4	6,967.10	3/4	7,408.08	3/4	7,769.26	3/4	8,007.73	3/4		3/4		3/4	
9	5,367.49	9	5,938.77	9	6,479.28	9	6,976.98	9	7,416.57	9	7,775.77	9	8,010.81	9		9		9	
1/4	5,379.62	1/4	5,950.37	1/4	6,490.10	1/4	6,986.75	1/4	7,424.91	1/4	7,782.09	1/4	8,013.38	1/4		1/4		1/4	
1/2	5,391.75	1/2	5,961.96	1/2	6,500.93	1/2	6,996.52	1/2	7,433.26	1/2	7,788.40	1/2	8,015.94	1/2		1/2		1/2	
3/4	5,403.88	3/4	5,973.55	3/4	6,511.75	3/4	7,006.30	3/4	7,441.61	3/4	7,794.71	3/4	8,018.51	3/4		3/4		3/4	
10	5,416.01	10	5,985.14	10	6,522.57	10	7,016.07	10	7,449.96	10	7,801.02	10	8,021.07	10		10		10	
1/4	5,428.11	1/4	5,996.68	1/4	6,533.32	1/4	7,025.74	1/4	7,458.17	1/4	7,807.12	1/4	8,022.97	1/4		1/4		1/4	
1/2	5,440.20	1/2	6,008.22	1/2	6,544.07	1/2	7,035.42	1/2	7,466.37	1/2	7,813.22	1/2	8,024.88	1/2		1/2		1/2	
3/4	5,452.30	3/4	6,019.76	3/4	6,554.82	3/4	7,045.09	3/4	7,474.58	3/4	7,819.32	3/4	8,026.78	3/4		3/4		3/4	
11	5,464.39	11	6,031.29	11	6,565.57	11	7,054.76	11	7,482.79	11	7,825.42	11	8,028.68	11		11		11	
1/4	5,476.45	1/4	6,042.77	1/4	6,576.23	1/4	7,064.33	1/4	7,490.85	1/4	7,831.29	1/4	8,029.67	1/4		1/4		1/4	
1/2	5,488.50	1/2	6,054.26	1/2	6,586.90	1/2	7,073.89	1/2	7,498.91	1/2	7,837.16	1/2	8,030.66	1/2		1/2		1/2	
3/4	5,500.56	3/4	6,065.74	3/4	6,597.57	3/4	7,083.46	3/4	7,506.97	3/4	7,843.04	3/4	8,031.65	3/4		3/4		3/4	

STRAPPED: 11/17/2020 JS
CALCULATED: 11/17/2020 CL
VERIFIED: 12/30/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2025

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.
PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 16824"

**STBD
HORIZONTAL**

INNAGE TABLE BERGAN GAUGE

FORMERLY: FMT 2068

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0.12	0	187.65	0	523.40	0	947.16	0	1,433.36	0	1,965.56	0	2,531.15	0	3,119.52	0	3,721.17	0	4,327.15
1/4	1.27	1/4	193.53	1/4	531.50	1/4	956.76	1/4	1,444.05	1/4	1,977.06	1/4	2,543.22	1/4	3,131.96	1/4	3,733.78	1/4	4,339.75
1/2	2.41	1/2	199.41	1/2	539.60	1/2	966.36	1/2	1,454.75	1/2	1,988.56	1/2	2,555.30	1/2	3,144.40	1/2	3,746.39	1/2	4,352.36
3/4	3.55	3/4	205.30	3/4	547.70	3/4	975.96	3/4	1,465.44	3/4	2,000.07	3/4	2,567.37	3/4	3,156.84	3/4	3,759.01	3/4	4,364.96
1	4.70	1	211.18	1	555.81	1	985.56	1	1,476.14	1	2,011.57	1	2,579.45	1	3,169.28	1	3,771.62	1	4,377.57
1/4	6.79	1/4	217.28	1/4	564.05	1/4	995.26	1/4	1,486.91	1/4	2,023.13	1/4	2,591.56	1/4	3,181.74	1/4	3,784.24	1/4	4,390.16
1/2	8.88	1/2	223.38	1/2	572.30	1/2	1,004.96	1/2	1,497.69	1/2	2,034.69	1/2	2,603.67	1/2	3,194.20	1/2	3,796.86	1/2	4,402.76
3/4	10.97	3/4	229.49	3/4	580.55	3/4	1,014.67	3/4	1,508.46	3/4	2,046.25	3/4	2,615.78	3/4	3,206.66	3/4	3,809.48	3/4	4,415.36
2	13.06	2	235.59	2	588.80	2	1,024.37	2	1,519.24	2	2,057.81	2	2,627.89	2	3,219.12	2	3,822.10	2	4,427.95
1/4	15.76	1/4	241.93	1/4	597.18	1/4	1,034.18	1/4	1,530.08	1/4	2,069.42	1/4	2,640.04	1/4	3,231.60	1/4	3,834.72	1/4	4,440.54
1/2	18.46	1/2	248.28	1/2	605.57	1/2	1,043.98	1/2	1,540.93	1/2	2,081.03	1/2	2,652.19	1/2	3,244.08	1/2	3,847.35	1/2	4,453.12
3/4	21.17	3/4	254.62	3/4	613.96	3/4	1,053.79	3/4	1,551.78	3/4	2,092.65	3/4	2,664.34	3/4	3,256.56	3/4	3,859.97	3/4	4,465.71
3	23.87	3	260.96	3	622.35	3	1,063.59	3	1,562.63	3	2,104.26	3	2,676.49	3	3,269.04	3	3,872.60	3	4,478.30
1/4	27.07	1/4	267.53	1/4	630.87	1/4	1,073.50	1/4	1,573.55	1/4	2,115.93	1/4	2,688.67	1/4	3,281.54	1/4	3,885.23	1/4	4,490.87
1/2	30.27	1/2	274.10	1/2	639.39	1/2	1,083.40	1/2	1,584.48	1/2	2,127.60	1/2	2,700.86	1/2	3,294.04	1/2	3,897.86	1/2	4,503.44
3/4	33.47	3/4	280.67	3/4	647.92	3/4	1,093.31	3/4	1,595.40	3/4	2,139.26	3/4	2,713.04	3/4	3,306.54	3/4	3,910.48	3/4	4,516.02
4	36.67	4	287.24	4	656.44	4	1,103.21	4	1,606.32	4	2,150.93	4	2,725.23	4	3,319.04	4	3,923.11	4	4,528.59
1/4	40.30	1/4	294.01	1/4	665.10	1/4	1,113.21	1/4	1,617.32	1/4	2,162.65	1/4	2,737.44	1/4	3,331.56	1/4	3,935.74	1/4	4,541.16
1/2	43.92	1/2	300.77	1/2	673.76	1/2	1,123.21	1/2	1,628.31	1/2	2,174.37	1/2	2,749.66	1/2	3,344.08	1/2	3,948.37	1/2	4,553.72
3/4	47.54	3/4	307.54	3/4	682.41	3/4	1,133.22	3/4	1,639.30	3/4	2,186.08	3/4	2,761.88	3/4	3,356.60	3/4	3,961.00	3/4	4,566.28
5	51.17	5	314.30	5	691.07	5	1,143.22	5	1,650.30	5	2,197.80	5	2,774.10	5	3,369.11	5	3,973.64	5	4,578.84
1/4	55.17	1/4	321.26	1/4	699.85	1/4	1,153.31	1/4	1,661.36	1/4	2,209.57	1/4	2,786.35	1/4	3,381.65	1/4	3,986.27	1/4	4,591.39
1/2	59.17	1/2	328.21	1/2	708.64	1/2	1,163.41	1/2	1,672.43	1/2	2,221.34	1/2	2,798.60	1/2	3,394.18	1/2	3,998.90	1/2	4,603.94
3/4	63.17	3/4	335.17	3/4	717.43	3/4	1,173.51	3/4	1,683.49	3/4	2,233.11	3/4	2,810.85	3/4	3,406.72	3/4	4,011.53	3/4	4,616.48
6	67.18	6	342.12	6	726.21	6	1,183.60	6	1,694.55	6	2,244.87	6	2,823.10	6	3,419.25	6	4,024.16	6	4,629.03
1/4	71.52	1/4	349.25	1/4	735.12	1/4	1,193.79	1/4	1,705.69	1/4	2,256.69	1/4	2,835.38	1/4	3,431.80	1/4	4,036.80	1/4	4,641.56
1/2	75.87	1/2	356.39	1/2	744.03	1/2	1,203.98	1/2	1,716.82	1/2	2,268.51	1/2	2,847.66	1/2	3,444.35	1/2	4,049.43	1/2	4,654.09
3/4	80.21	3/4	363.52	3/4	752.94	3/4	1,214.17	3/4	1,727.95	3/4	2,280.32	3/4	2,859.94	3/4	3,456.90	3/4	4,062.06	3/4	4,666.63
7	84.55	7	370.66	7	761.86	7	1,224.36	7	1,739.08	7	2,292.14	7	2,872.22	7	3,469.45	7	4,074.69	7	4,679.16
1/4	89.21	1/4	377.97	1/4	770.89	1/4	1,234.64	1/4	1,750.28	1/4	2,304.00	1/4	2,884.53	1/4	3,482.01	1/4	4,087.32	1/4	4,691.67
1/2	93.87	1/2	385.28	1/2	779.92	1/2	1,244.92	1/2	1,761.48	1/2	2,315.86	1/2	2,896.85	1/2	3,494.57	1/2	4,099.95	1/2	4,704.19
3/4	98.53	3/4	392.59	3/4	788.96	3/4	1,255.19	3/4	1,772.68	3/4	2,327.73	3/4	2,909.16	3/4	3,507.14	3/4	4,112.58	3/4	4,716.71
8	103.19	8	399.90	8	797.99	8	1,265.47	8	1,783.87	8	2,339.59	8	2,921.47	8	3,519.70	8	4,125.21	8	4,729.22
1/4	108.10	1/4	407.38	1/4	807.14	1/4	1,275.84	1/4	1,795.14	1/4	2,351.50	1/4	2,933.81	1/4	3,532.28	1/4	4,137.84	1/4	4,741.72
1/2	113.02	1/2	414.85	1/2	816.29	1/2	1,286.21	1/2	1,806.40	1/2	2,363.41	1/2	2,946.15	1/2	3,544.85	1/2	4,150.47	1/2	4,754.22
3/4	117.93	3/4	422.33	3/4	825.45	3/4	1,296.57	3/4	1,817.66	3/4	2,375.32	3/4	2,958.49	3/4	3,557.43	3/4	4,163.10	3/4	4,766.71
9	122.84	9	429.81	9	834.60	9	1,306.94	9	1,828.93	9	2,387.22	9	2,970.82	9	3,570.01	9	4,175.73	9	4,779.21
1/4	127.99	1/4	437.45	1/4	843.87	1/4	1,317.39	1/4	1,840.25	1/4	2,399.18	1/4	2,983.19	1/4	3,582.59	1/4	4,188.35	1/4	4,791.69
1/2	133.14	1/2	445.10	1/2	853.13	1/2	1,327.84	1/2	1,851.58	1/2	2,411.13	1/2	2,995.56	1/2	3,595.18	1/2	4,200.97	1/2	4,804.17
3/4	138.28	3/4	452.74	3/4	862.40	3/4	1,338.29	3/4	1,862.90	3/4	2,423.08	3/4	3,007.92	3/4	3,607.77	3/4	4,213.60	3/4	4,816.65
10	143.43	10	460.38	10	871.67	10	1,348.75	10	1,874.23	10	2,435.03	10	3,020.29	10	3,620.35	10	4,226.22	10	4,829.13
1/4	148.83	1/4	468.18	1/4	881.05	1/4	1,359.28	1/4	1,885.61	1/4	2,447.02	1/4	3,032.68	1/4	3,632.95	1/4	4,238.84	1/4	4,841.58
1/2	154.24	1/2	475.98	1/2	890.43	1/2	1,369.82	1/2	1,897.00	1/2	2,459.02	1/2	3,045.07	1/2	3,645.55	1/2	4,251.46	1/2	4,854.04
3/4	159.65	3/4	483.78	3/4	899.82	3/4	1,380.35	3/4	1,908.39	3/4	2,471.01	3/4	3,057.46	3/4	3,658.15	3/4	4,264.08	3/4	4,866.50
11	165.05	11	491.58	11	909.20	11	1,390.89	11	1,919.77	11	2,483.01	11	3,069.86	11	3,670.74	11	4,276.70	11	4,878.96
1/4	170.70	1/4	499.54	1/4	918.69	1/4	1,401.50	1/4	1,931.22	1/4	2,495.04	1/4	3,082.27	1/4	3,683.35	1/4	4,289.31	1/4	4,891.39
1/2	176.35	1/2	507.49	1/2	928.18	1/2	1,412.12	1/2	1,942.66	1/2	2,507.08	1/2	3,094.69	1/2	3,695.95	1/2	4,301.92	1/2	4,903.83
3/4	182.00	3/4	515.44	3/4	937.67	3/4	1,422.74	3/4	1,954.11	3/4	2,519.11	3/4	3,107.10	3/4	3,708.56	3/4	4,314.54	3/4	4,916.27

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.
 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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 16824"

STBD
HORIZONTAL
INNAGE TABLE
BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: FMT 2068

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	4,928.70	0	5,516.89	0	6,082.19	0	6,613.98	0	7,099.62	0	7,522.62	0	7,857.78	0		0		0	
1/4	4,941.12	1/4	5,528.92	1/4	6,093.63	1/4	6,624.59	1/4	7,109.10	1/4	7,530.56	1/4	7,863.48	1/4		1/4		1/4	
1/2	4,953.53	1/2	5,540.95	1/2	6,105.07	1/2	6,635.19	1/2	7,118.57	1/2	7,538.49	1/2	7,869.18	1/2		1/2		1/2	
3/4	4,965.94	3/4	5,552.98	3/4	6,116.51	3/4	6,645.80	3/4	7,128.05	3/4	7,546.43	3/4	7,874.88	3/4		3/4		3/4	
1	4,978.36	1	5,565.01	1	6,127.94	1	6,656.41	1	7,137.53	1	7,554.36	1	7,880.58	1		1		1	
1/4	4,990.74	1/4	5,577.00	1/4	6,139.32	1/4	6,666.93	1/4	7,146.90	1/4	7,562.14	1/4	7,886.03	1/4		1/4		1/4	
1/2	5,003.13	1/2	5,588.99	1/2	6,150.70	1/2	6,677.46	1/2	7,156.26	1/2	7,569.93	1/2	7,891.48	1/2		1/2		1/2	
3/4	5,015.52	3/4	5,600.98	3/4	6,162.08	3/4	6,687.98	3/4	7,165.63	3/4	7,577.71	3/4	7,896.93	3/4		3/4		3/4	
2	5,027.91	2	5,612.96	2	6,173.46	2	6,698.51	2	7,175.00	2	7,585.49	2	7,902.39	2		2		2	
1/4	5,040.27	1/4	5,624.91	1/4	6,184.78	1/4	6,708.95	1/4	7,184.25	1/4	7,593.11	1/4	7,907.58	1/4		1/4		1/4	
1/2	5,052.64	1/2	5,636.86	1/2	6,196.10	1/2	6,719.39	1/2	7,193.51	1/2	7,600.73	1/2	7,912.77	1/2		1/2		1/2	
3/4	5,065.00	3/4	5,648.80	3/4	6,207.41	3/4	6,729.83	3/4	7,202.76	3/4	7,608.35	3/4	7,917.97	3/4		3/4		3/4	
3	5,077.36	3	5,660.75	3	6,218.73	3	6,740.27	3	7,212.01	3	7,615.98	3	7,923.16	3		3		3	
1/4	5,089.70	1/4	5,672.65	1/4	6,229.99	1/4	6,750.63	1/4	7,221.15	1/4	7,623.43	1/4	7,928.08	1/4		1/4		1/4	
1/2	5,102.03	1/2	5,684.56	1/2	6,241.24	1/2	6,760.99	1/2	7,230.29	1/2	7,630.89	1/2	7,932.99	1/2		1/2		1/2	
3/4	5,114.37	3/4	5,696.46	3/4	6,252.49	3/4	6,771.34	3/4	7,239.43	3/4	7,638.35	3/4	7,937.91	3/4		3/4		3/4	
4	5,126.70	4	5,708.36	4	6,263.75	4	6,781.70	4	7,248.56	4	7,648.81	4	7,942.82	4		4		4	
1/4	5,139.01	1/4	5,720.22	1/4	6,274.94	1/4	6,791.96	1/4	7,257.58	1/4	7,653.09	1/4	7,947.45	1/4		1/4		1/4	
1/2	5,151.32	1/2	5,732.08	1/2	6,286.13	1/2	6,802.23	1/2	7,266.60	1/2	7,660.38	1/2	7,952.07	1/2		1/2		1/2	
3/4	5,163.63	3/4	5,743.93	3/4	6,297.32	3/4	6,812.50	3/4	7,275.62	3/4	7,667.67	3/4	7,956.69	3/4		3/4		3/4	
5	5,175.93	5	5,755.79	5	6,308.51	5	6,822.77	5	7,284.64	5	7,674.96	5	7,961.31	5		5		5	
1/4	5,188.21	1/4	5,767.60	1/4	6,319.63	1/4	6,832.94	1/4	7,293.53	1/4	7,682.07	1/4	7,965.61	1/4		1/4		1/4	
1/2	5,200.49	1/2	5,779.41	1/2	6,330.76	1/2	6,843.12	1/2	7,302.43	1/2	7,689.18	1/2	7,969.92	1/2		1/2		1/2	
3/4	5,212.77	3/4	5,791.22	3/4	6,341.88	3/4	6,853.30	3/4	7,311.32	3/4	7,696.30	3/4	7,974.22	3/4		3/4		3/4	
6	5,225.04	6	5,803.03	6	6,353.00	6	6,863.48	6	7,320.22	6	7,703.41	6	7,978.52	6		6		6	
1/4	5,237.29	1/4	5,814.79	1/4	6,364.06	1/4	6,873.56	1/4	7,328.99	1/4	7,710.34	1/4	7,982.48	1/4		1/4		1/4	
1/2	5,249.54	1/2	5,826.55	1/2	6,375.11	1/2	6,883.65	1/2	7,337.76	1/2	7,717.27	1/2	7,986.44	1/2		1/2		1/2	
3/4	5,261.78	3/4	5,838.32	3/4	6,386.17	3/4	6,893.73	3/4	7,346.53	3/4	7,724.20	3/4	7,990.39	3/4		3/4		3/4	
7	5,274.03	7	5,850.08	7	6,397.22	7	6,903.81	7	7,355.30	7	7,731.13	7	7,994.35	7		7		7	
1/4	5,286.24	1/4	5,861.79	1/4	6,408.21	1/4	6,913.80	1/4	7,363.94	1/4	7,737.87	1/4	7,997.92	1/4		1/4		1/4	
1/2	5,298.46	1/2	5,873.50	1/2	6,419.20	1/2	6,923.79	1/2	7,372.58	1/2	7,744.61	1/2	8,001.50	1/2		1/2		1/2	
3/4	5,310.67	3/4	5,885.21	3/4	6,430.18	3/4	6,933.78	3/4	7,381.22	3/4	7,751.36	3/4	8,005.07	3/4		3/4		3/4	
8	5,322.88	8	5,896.93	8	6,441.17	8	6,943.77	8	7,389.86	8	7,758.10	8	8,008.65	8		8		8	
1/4	5,335.06	1/4	5,908.59	1/4	6,452.08	1/4	6,953.67	1/4	7,398.37	1/4	7,764.64	1/4	8,011.79	1/4		1/4		1/4	
1/2	5,347.24	1/2	5,920.25	1/2	6,462.99	1/2	6,963.56	1/2	7,406.87	1/2	7,771.19	1/2	8,014.93	1/2		1/2		1/2	
3/4	5,359.42	3/4	5,931.91	3/4	6,473.91	3/4	6,973.45	3/4	7,415.38	3/4	7,777.74	3/4	8,018.07	3/4		3/4		3/4	
9	5,371.60	9	5,943.57	9	6,484.82	9	6,983.34	9	7,423.89	9	7,784.28	9	8,021.22	9		9		9	
1/4	5,383.75	1/4	5,955.17	1/4	6,495.66	1/4	6,993.14	1/4	7,432.26	1/4	7,790.62	1/4	8,023.85	1/4		1/4		1/4	
1/2	5,395.89	1/2	5,966.78	1/2	6,506.50	1/2	7,002.93	1/2	7,440.63	1/2	7,796.96	1/2	8,026.49	1/2		1/2		1/2	
3/4	5,408.04	3/4	5,978.39	3/4	6,517.34	3/4	7,012.72	3/4	7,449.00	3/4	7,803.31	3/4	8,029.12	3/4		3/4		3/4	
10	5,420.18	10	5,990.00	10	6,528.18	10	7,022.51	10	7,457.37	10	7,809.65	10	8,031.76	10		10		10	
1/4	5,432.29	1/4	6,001.55	1/4	6,538.94	1/4	7,032.21	1/4	7,465.60	1/4	7,815.77	1/4	8,033.76	1/4		1/4		1/4	
1/2	5,444.40	1/2	6,013.10	1/2	6,549.71	1/2	7,041.90	1/2	7,473.83	1/2	7,821.90	1/2	8,035.76	1/2		1/2		1/2	
3/4	5,456.50	3/4	6,024.65	3/4	6,560.47	3/4	7,051.59	3/4	7,482.06	3/4	7,828.03	3/4	8,037.76	3/4		3/4		3/4	
11	5,468.61	11	6,036.21	11	6,571.24	11	7,061.28	11	7,490.29	11	7,834.16	11	8,039.76	11		11		11	
1/4	5,480.68	1/4	6,047.70	1/4	6,581.92	1/4	7,070.86	1/4	7,498.37	1/4	7,840.06	1/4	8,040.82	1/4		1/4		1/4	
1/2	5,492.75	1/2	6,059.20	1/2	6,592.61	1/2	7,080.45	1/2	7,506.46	1/2	7,845.97	1/2	8,041.89	1/2		1/2		1/2	
3/4	5,504.82	3/4	6,070.69	3/4	6,603.29	3/4	7,090.03	3/4	7,514.54	3/4	7,851.88	3/4	8,042.96	3/4		3/4		3/4	
													8,043.50						

STRAPPED: 11/17/2020 JS
CALCULATED: 11/17/2020 CL
VERIFIED: 12/30/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2025

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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