



# BARGE "KIRBY 27719"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/8	02-1/8
1 STBD	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/8	02-1/8
2 PORT	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/8	02-1/8
2 STBD	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/8	02-1/8
3 PORT	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/8	02-1/8
3 STBD	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/8	02-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-3/4"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 3/4"

LENGTH BETWEEN DRAFT MARKS: 242'-03"

June 1, 2023

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

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# BARGE "KIRBY 27719"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	3.59	0	297.83	0	649.29	0	1,014.09	0	1,378.75	0	1,744.63	0	2,110.79	0	2,476.94	0	2,843.09	0	3,209.23
1/4	7.14	1/4	304.94	1/4	656.92	1/4	1,021.66	1/4	1,386.35	1/4	1,752.26	1/4	2,118.42	1/4	2,484.56	1/4	2,850.71	1/4	3,216.86
1/2	10.70	1/2	312.06	1/2	664.55	1/2	1,029.23	1/2	1,393.95	1/2	1,759.89	1/2	2,126.04	1/2	2,492.19	1/2	2,858.34	1/2	3,224.49
3/4	14.26	3/4	319.17	3/4	672.18	3/4	1,036.80	3/4	1,401.55	3/4	1,767.52	3/4	2,133.67	3/4	2,499.82	3/4	2,865.97	3/4	3,232.12
1	17.81	1	326.28	1	679.80	1	1,044.38	1	1,409.15	1	1,775.15	1	2,141.30	1	2,507.45	1	2,873.60	1	3,239.75
1/4	23.32	1/4	333.46	1/4	687.43	1/4	1,051.95	1/4	1,416.75	1/4	1,782.78	1/4	2,148.93	1/4	2,515.08	1/4	2,881.23	1/4	3,247.37
1/2	28.82	1/2	340.65	1/2	695.06	1/2	1,059.52	1/2	1,424.35	1/2	1,790.40	1/2	2,156.56	1/2	2,522.71	1/2	2,888.85	1/2	3,255.00
3/4	34.32	3/4	347.83	3/4	702.69	3/4	1,067.09	3/4	1,431.95	3/4	1,798.03	3/4	2,164.18	3/4	2,530.33	3/4	2,896.48	3/4	3,262.63
2	39.82	2	355.01	2	710.32	2	1,074.66	2	1,439.55	2	1,805.66	2	2,171.81	2	2,537.96	2	2,904.11	2	3,270.26
1/4	45.79	1/4	362.27	1/4	717.95	1/4	1,082.23	1/4	1,447.17	1/4	1,813.29	1/4	2,179.44	1/4	2,545.59	1/4	2,911.74	1/4	3,277.89
1/2	51.76	1/2	369.53	1/2	725.58	1/2	1,089.80	1/2	1,454.78	1/2	1,820.92	1/2	2,187.07	1/2	2,553.22	1/2	2,919.37	1/2	3,285.52
3/4	57.74	3/4	376.79	3/4	733.21	3/4	1,097.37	3/4	1,462.40	3/4	1,828.55	3/4	2,194.70	3/4	2,560.85	3/4	2,926.99	3/4	3,293.14
3	63.71	3	384.05	3	740.83	3	1,104.94	3	1,470.01	3	1,836.17	3	2,202.32	3	2,568.47	3	2,934.62	3	3,300.77
1/4	69.35	1/4	391.40	1/4	748.46	1/4	1,112.51	1/4	1,477.64	1/4	1,843.80	1/4	2,209.95	1/4	2,576.10	1/4	2,942.25	1/4	3,308.40
1/2	75.00	1/2	398.76	1/2	756.09	1/2	1,120.09	1/2	1,485.27	1/2	1,851.43	1/2	2,217.58	1/2	2,583.73	1/2	2,949.88	1/2	3,316.03
3/4	80.64	3/4	406.11	3/4	763.72	3/4	1,127.66	3/4	1,492.90	3/4	1,859.06	3/4	2,225.21	3/4	2,591.36	3/4	2,957.51	3/4	3,323.66
4	86.28	4	413.46	4	771.35	4	1,135.23	4	1,500.52	4	1,866.69	4	2,232.84	4	2,598.99	4	2,965.13	4	3,331.28
1/4	92.02	1/4	420.69	1/4	778.98	1/4	1,142.82	1/4	1,508.15	1/4	1,874.32	1/4	2,240.47	1/4	2,606.61	1/4	2,972.76	1/4	3,338.91
1/2	97.76	1/2	427.92	1/2	786.61	1/2	1,150.41	1/2	1,515.78	1/2	1,881.94	1/2	2,248.09	1/2	2,614.24	1/2	2,980.39	1/2	3,346.54
3/4	103.50	3/4	435.14	3/4	794.24	3/4	1,157.99	3/4	1,523.41	3/4	1,889.57	3/4	2,255.72	3/4	2,621.87	3/4	2,988.02	3/4	3,354.17
5	109.24	5	442.37	5	801.86	5	1,165.58	5	1,531.04	5	1,897.20	5	2,263.35	5	2,629.50	5	2,995.65	5	3,361.80
1/4	115.52	1/4	449.24	1/4	809.48	1/4	1,173.19	1/4	1,538.67	1/4	1,904.83	1/4	2,270.98	1/4	2,637.13	1/4	3,003.28	1/4	3,369.42
1/2	121.79	1/2	456.12	1/2	817.09	1/2	1,180.81	1/2	1,546.30	1/2	1,912.46	1/2	2,278.61	1/2	2,644.75	1/2	3,010.90	1/2	3,377.05
3/4	128.06	3/4	462.99	3/4	824.71	3/4	1,188.42	3/4	1,553.92	3/4	1,920.09	3/4	2,286.23	3/4	2,652.38	3/4	3,018.53	3/4	3,384.68
6	134.33	6	469.86	6	832.32	6	1,196.04	6	1,561.55	6	1,927.72	6	2,293.86	6	2,660.01	6	3,026.16	6	3,392.31
1/4	140.91	1/4	476.80	1/4	839.91	1/4	1,203.67	1/4	1,569.18	1/4	1,935.34	1/4	2,301.49	1/4	2,667.64	1/4	3,033.79	1/4	3,399.94
1/2	147.49	1/2	483.73	1/2	847.49	1/2	1,211.30	1/2	1,576.81	1/2	1,942.97	1/2	2,309.12	1/2	2,675.27	1/2	3,041.42	1/2	3,407.56
3/4	154.07	3/4	490.67	3/4	855.08	3/4	1,218.93	3/4	1,584.44	3/4	1,950.60	3/4	2,316.75	3/4	2,682.90	3/4	3,049.04	3/4	3,415.19
7	160.64	7	497.61	7	862.67	7	1,226.55	7	1,592.07	7	1,958.23	7	2,324.37	7	2,690.52	7	3,056.67	7	3,422.82
1/4	167.32	1/4	505.01	1/4	870.24	1/4	1,234.18	1/4	1,599.69	1/4	1,965.86	1/4	2,332.00	1/4	2,698.15	1/4	3,064.30	1/4	3,430.45
1/2	173.99	1/2	512.42	1/2	877.81	1/2	1,241.81	1/2	1,607.32	1/2	1,973.48	1/2	2,339.63	1/2	2,705.78	1/2	3,071.93	1/2	3,438.08
3/4	180.67	3/4	519.82	3/4	885.39	3/4	1,249.44	3/4	1,614.95	3/4	1,981.11	3/4	2,347.26	3/4	2,713.41	3/4	3,079.56	3/4	3,445.71
8	187.34	8	527.23	8	892.96	8	1,257.07	8	1,622.58	8	1,988.74	8	2,354.89	8	2,721.04	8	3,087.18	8	3,453.33
1/4	194.11	1/4	534.86	1/4	900.53	1/4	1,264.69	1/4	1,630.21	1/4	1,996.37	1/4	2,362.52	1/4	2,728.66	1/4	3,094.81	1/4	3,460.96
1/2	200.89	1/2	542.49	1/2	908.10	1/2	1,272.30	1/2	1,637.84	1/2	2,003.99	1/2	2,370.14	1/2	2,736.29	1/2	3,102.44	1/2	3,468.59
3/4	207.66	3/4	550.11	3/4	915.67	3/4	1,279.92	3/4	1,645.46	3/4	2,011.62	3/4	2,377.77	3/4	2,743.92	3/4	3,110.07	3/4	3,476.22
9	214.43	9	557.74	9	923.24	9	1,287.53	9	1,653.09	9	2,019.25	9	2,385.40	9	2,751.55	9	3,117.70	9	3,483.85
1/4	221.30	1/4	565.37	1/4	930.81	1/4	1,295.13	1/4	1,660.72	1/4	2,026.88	1/4	2,393.03	1/4	2,759.18	1/4	3,125.32	1/4	3,491.47
1/2	228.16	1/2	573.00	1/2	938.38	1/2	1,302.73	1/2	1,668.35	1/2	2,034.51	1/2	2,400.66	1/2	2,766.80	1/2	3,132.95	1/2	3,499.10
3/4	235.03	3/4	580.63	3/4	945.95	3/4	1,310.34	3/4	1,675.98	3/4	2,042.13	3/4	2,408.28	3/4	2,774.43	3/4	3,140.58	3/4	3,506.73
10	241.89	10	588.26	10	953.53	10	1,317.94	10	1,683.61	10	2,049.76	10	2,415.91	10	2,782.06	10	3,148.21	10	3,514.36
1/4	248.84	1/4	595.89	1/4	961.10	1/4	1,325.54	1/4	1,691.23	1/4	2,057.39	1/4	2,423.54	1/4	2,789.69	1/4	3,155.84	1/4	3,521.99
1/2	255.79	1/2	603.52	1/2	968.67	1/2	1,333.14	1/2	1,698.86	1/2	2,065.02	1/2	2,431.17	1/2	2,797.32	1/2	3,163.47	1/2	3,529.61
3/4	262.74	3/4	611.15	3/4	976.24	3/4	1,340.74	3/4	1,706.49	3/4	2,072.65	3/4	2,438.80	3/4	2,804.94	3/4	3,171.09	3/4	3,537.24
11	269.69	11	618.78	11	983.81	11	1,348.34	11	1,714.12	11	2,080.28	11	2,446.42	11	2,812.57	11	3,178.72	11	3,544.87
1/4	276.73	1/4	626.40	1/4	991.38	1/4	1,355.94	1/4	1,721.75	1/4	2,087.90	1/4	2,454.05	1/4	2,820.20	1/4	3,186.35	1/4	3,552.50
1/2	283.76	1/2	634.03	1/2	998.95	1/2	1,363.54	1/2	1,729.38	1/2	2,095.53	1/2	2,461.68	1/2	2,827.83	1/2	3,193.98	1/2	3,560.13
3/4	290.80	3/4	641.66	3/4	1,006.52	3/4	1,371.15	3/4	1,737.01	3/4	2,103.16	3/4	2,469.31	3/4	2,835.46	3/4	3,201.61	3/4	3,567.75

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 AT GAUGE POINT.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE THAT EXPANDS TO 4".

GAUGE POINT: (MANUAL) LOCATED 12'-10" OFF CENTERLINE AND 51'-02" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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<http://www.pmacorp.net>



# BARGE "KIRBY 27719"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,575.38	0	3,940.38	0	4,289.03	0	4,612.62	0		0		0		0		0		0	
1/4	3,583.01	1/4	3,947.84	1/4	4,295.99	1/4	4,619.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,590.64	1/2	3,955.31	1/2	4,302.95	1/2	4,625.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,598.27	3/4	3,962.77	3/4	4,309.92	3/4	4,632.12	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,605.90	1	3,970.23	1	4,316.88	1	4,638.62	1		1		1		1		1		1	
1/4	3,613.52	1/4	3,977.66	1/4	4,323.78	1/4	4,645.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,621.15	1/2	3,985.09	1/2	4,330.69	1/2	4,651.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,628.78	3/4	3,992.52	3/4	4,337.59	3/4	4,658.02	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,636.41	2	3,999.94	2	4,344.49	2	4,664.48	2		2		2		2		2		2	
1/4	3,644.04	1/4	4,007.33	1/4	4,351.36	1/4	4,671.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,651.66	1/2	4,014.72	1/2	4,358.23	1/2	4,677.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,659.29	3/4	4,022.11	3/4	4,365.09	3/4	4,684.63	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,666.92	3	4,029.50	3	4,371.96	3	4,691.35	3		3		3		3		3		3	
1/4	3,674.55	1/4	4,036.86	1/4	4,378.79	1/4	4,698.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,682.18	1/2	4,044.21	1/2	4,385.62	1/2	4,705.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,689.80	3/4	4,051.57	3/4	4,392.45	3/4	4,713.14	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,697.43	4	4,058.92	4	4,399.28	4	4,720.41	4		4		4		4		4		4	
1/4	3,705.06	1/4	4,066.25	1/4	4,406.07	1/4	4,727.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.69	1/2	4,073.57	1/2	4,412.86	1/2	4,735.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.32	3/4	4,080.89	3/4	4,419.65	3/4	4,743.04	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,727.94	5	4,088.21	5	4,426.44	5	4,750.58	5		5		5		5		5		5	
1/4	3,735.57	1/4	4,095.50	1/4	4,433.20	1/4	4,758.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,743.20	1/2	4,102.79	1/2	4,439.95	1/2	4,765.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,750.83	3/4	4,110.07	3/4	4,446.71	3/4	4,772.98	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,758.46	6	4,117.36	6	4,453.46	6	4,780.44	6		6		6		6		6		6	
1/4	3,766.09	1/4	4,124.61	1/4	4,460.18	1/4	4,787.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.71	1/2	4,131.86	1/2	4,466.90	1/2	4,794.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.34	3/4	4,139.11	3/4	4,473.62	3/4	4,800.93	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,788.97	7	4,146.36	7	4,480.34	7	4,807.76	7		7		7		7		7		7	
1/4	3,796.60	1/4	4,153.57	1/4	4,487.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.22	1/2	4,160.78	1/2	4,493.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,811.85	3/4	4,168.00	3/4	4,500.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,819.47	8	4,175.21	8	4,507.09	8		8		8		8		8		8		8	
1/4	3,827.08	1/4	4,182.38	1/4	4,513.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.69	1/2	4,189.56	1/2	4,520.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.30	3/4	4,196.73	3/4	4,527.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,849.90	9	4,203.91	9	4,533.69	9		9		9		9		9		9		9	
1/4	3,857.48	1/4	4,211.05	1/4	4,540.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,865.06	1/2	4,218.19	1/2	4,546.92	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,872.63	3/4	4,225.32	3/4	4,553.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,880.21	10	4,232.46	10	4,560.15	10		10		10		10		10		10		10	
1/4	3,887.75	1/4	4,239.56	1/4	4,566.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,895.29	1/2	4,246.66	1/2	4,573.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,902.83	3/4	4,253.76	3/4	4,579.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,910.37	11	4,260.86	11	4,586.46	11		11		11		11		11		11		11	
1/4	3,917.87	1/4	4,267.90	1/4	4,593.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,925.37	1/2	4,274.95	1/2	4,599.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,932.87	3/4	4,281.99	3/4	4,606.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/26/2004 CL SW  
RECALCULATED: 04/16/2018  
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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



# BARGE "KIRBY 27719"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	3.58	0	297.76	0	649.14	0	1,014.61	0	1,379.82	0	1,745.62	0	2,111.69	0	2,477.75	0	2,843.81	0	3,209.87
1/4	7.14	1/4	304.87	1/4	656.76	1/4	1,022.21	1/4	1,387.42	1/4	1,753.24	1/4	2,119.31	1/4	2,485.38	1/4	2,851.44	1/4	3,217.50
1/2	10.70	1/2	311.98	1/2	664.39	1/2	1,029.80	1/2	1,395.02	1/2	1,760.87	1/2	2,126.94	1/2	2,493.00	1/2	2,859.06	1/2	3,225.13
3/4	14.25	3/4	319.09	3/4	672.02	3/4	1,037.40	3/4	1,402.61	3/4	1,768.50	3/4	2,134.57	3/4	2,500.63	3/4	2,866.69	3/4	3,232.75
1	17.81	1	326.20	1	679.65	1	1,045.00	1	1,410.21	1	1,776.12	1	2,142.19	1	2,508.25	1	2,874.32	1	3,240.38
1/4	23.31	1/4	333.39	1/4	687.27	1/4	1,052.60	1/4	1,417.81	1/4	1,783.75	1/4	2,149.82	1/4	2,515.88	1/4	2,881.94	1/4	3,248.01
1/2	28.81	1/2	340.57	1/2	694.90	1/2	1,060.20	1/2	1,425.41	1/2	1,791.38	1/2	2,157.44	1/2	2,523.51	1/2	2,889.57	1/2	3,255.63
3/4	34.31	3/4	347.75	3/4	702.53	3/4	1,067.79	3/4	1,433.01	3/4	1,799.00	3/4	2,165.07	3/4	2,531.13	3/4	2,897.20	3/4	3,263.26
2	39.81	2	354.93	2	710.15	2	1,075.39	2	1,440.61	2	1,806.63	2	2,172.70	2	2,538.76	2	2,904.82	2	3,270.88
1/4	45.78	1/4	362.19	1/4	717.78	1/4	1,082.99	1/4	1,448.22	1/4	1,814.26	1/4	2,180.32	1/4	2,546.39	1/4	2,912.45	1/4	3,278.51
1/2	51.75	1/2	369.44	1/2	725.41	1/2	1,090.59	1/2	1,455.83	1/2	1,821.88	1/2	2,187.95	1/2	2,554.01	1/2	2,920.07	1/2	3,286.14
3/4	57.72	3/4	376.70	3/4	733.03	3/4	1,098.19	3/4	1,463.45	3/4	1,829.51	3/4	2,195.58	3/4	2,561.64	3/4	2,927.70	3/4	3,293.76
3	63.69	3	383.96	3	740.66	3	1,105.78	3	1,471.06	3	1,837.14	3	2,203.20	3	2,569.26	3	2,935.33	3	3,301.39
1/4	69.34	1/4	391.31	1/4	748.29	1/4	1,113.38	1/4	1,478.69	1/4	1,844.76	1/4	2,210.83	1/4	2,576.89	1/4	2,942.95	1/4	3,309.02
1/2	74.98	1/2	398.66	1/2	755.91	1/2	1,120.98	1/2	1,486.31	1/2	1,852.39	1/2	2,218.45	1/2	2,584.52	1/2	2,950.58	1/2	3,316.64
3/4	80.62	3/4	406.01	3/4	763.54	3/4	1,128.58	3/4	1,493.94	3/4	1,860.02	3/4	2,226.08	3/4	2,592.14	3/4	2,958.21	3/4	3,324.27
4	86.26	4	413.36	4	771.17	4	1,136.18	4	1,501.57	4	1,867.64	4	2,233.71	4	2,599.77	4	2,965.83	4	3,331.89
1/4	92.00	1/4	420.59	1/4	778.80	1/4	1,143.80	1/4	1,509.19	1/4	1,875.27	1/4	2,241.33	1/4	2,607.40	1/4	2,973.46	1/4	3,339.52
1/2	97.74	1/2	427.82	1/2	786.42	1/2	1,151.41	1/2	1,516.82	1/2	1,882.90	1/2	2,248.96	1/2	2,615.02	1/2	2,981.08	1/2	3,347.15
3/4	103.48	3/4	435.04	3/4	794.05	3/4	1,159.03	3/4	1,524.45	3/4	1,890.52	3/4	2,256.59	3/4	2,622.65	3/4	2,988.71	3/4	3,354.77
5	109.22	5	442.27	5	801.68	5	1,166.64	5	1,532.07	5	1,898.15	5	2,264.21	5	2,630.27	5	2,996.34	5	3,362.40
1/4	115.49	1/4	449.14	1/4	809.30	1/4	1,174.27	1/4	1,539.70	1/4	1,905.78	1/4	2,271.84	1/4	2,637.90	1/4	3,003.96	1/4	3,370.03
1/2	121.76	1/2	456.01	1/2	816.93	1/2	1,181.90	1/2	1,547.33	1/2	1,913.40	1/2	2,279.47	1/2	2,645.53	1/2	3,011.59	1/2	3,377.65
3/4	128.03	3/4	462.88	3/4	824.56	3/4	1,189.52	3/4	1,554.95	3/4	1,921.03	3/4	2,287.09	3/4	2,653.15	3/4	3,019.22	3/4	3,385.28
6	134.30	6	469.75	6	832.18	6	1,197.15	6	1,562.58	6	1,928.66	6	2,294.72	6	2,660.78	6	3,026.84	6	3,392.90
1/4	140.87	1/4	476.69	1/4	839.80	1/4	1,204.78	1/4	1,570.21	1/4	1,936.28	1/4	2,302.34	1/4	2,668.41	1/4	3,034.47	1/4	3,400.53
1/2	147.45	1/2	483.62	1/2	847.41	1/2	1,212.41	1/2	1,577.83	1/2	1,943.91	1/2	2,309.97	1/2	2,676.03	1/2	3,042.09	1/2	3,408.16
3/4	154.03	3/4	490.56	3/4	855.03	3/4	1,220.03	3/4	1,585.46	3/4	1,951.54	3/4	2,317.60	3/4	2,683.66	3/4	3,049.72	3/4	3,415.78
7	160.61	7	497.49	7	862.64	7	1,227.66	7	1,593.09	7	1,959.16	7	2,325.22	7	2,691.29	7	3,057.35	7	3,423.41
1/4	167.28	1/4	504.89	1/4	870.24	1/4	1,235.29	1/4	1,600.71	1/4	1,966.79	1/4	2,332.85	1/4	2,698.91	1/4	3,064.97	1/4	3,431.04
1/2	173.95	1/2	512.30	1/2	877.84	1/2	1,242.91	1/2	1,608.34	1/2	1,974.41	1/2	2,340.48	1/2	2,706.54	1/2	3,072.60	1/2	3,438.66
3/4	180.62	3/4	519.70	3/4	885.44	3/4	1,250.54	3/4	1,615.97	3/4	1,982.04	3/4	2,348.10	3/4	2,714.16	3/4	3,080.23	3/4	3,446.29
8	187.30	8	527.10	8	893.04	8	1,258.17	8	1,623.59	8	1,989.67	8	2,355.73	8	2,721.79	8	3,087.85	8	3,453.92
1/4	194.07	1/4	534.73	1/4	900.64	1/4	1,265.78	1/4	1,631.22	1/4	1,997.29	1/4	2,363.35	1/4	2,729.42	1/4	3,095.48	1/4	3,461.54
1/2	200.84	1/2	542.36	1/2	908.24	1/2	1,273.40	1/2	1,638.85	1/2	2,004.92	1/2	2,370.98	1/2	2,737.04	1/2	3,103.11	1/2	3,469.17
3/4	207.61	3/4	549.99	3/4	915.83	3/4	1,281.01	3/4	1,646.47	3/4	2,012.54	3/4	2,378.61	3/4	2,744.67	3/4	3,110.73	3/4	3,476.79
9	214.38	9	557.61	9	923.43	9	1,288.62	9	1,654.10	9	2,020.17	9	2,386.23	9	2,752.30	9	3,118.36	9	3,484.42
1/4	221.25	1/4	565.24	1/4	931.03	1/4	1,296.22	1/4	1,661.73	1/4	2,027.80	1/4	2,393.86	1/4	2,759.92	1/4	3,125.98	1/4	3,492.05
1/2	228.11	1/2	572.87	1/2	938.63	1/2	1,303.82	1/2	1,669.35	1/2	2,035.42	1/2	2,401.49	1/2	2,767.55	1/2	3,133.61	1/2	3,499.67
3/4	234.97	3/4	580.49	3/4	946.23	3/4	1,311.42	3/4	1,676.98	3/4	2,043.05	3/4	2,409.11	3/4	2,775.17	3/4	3,141.24	3/4	3,507.30
10	241.84	10	588.12	10	953.82	10	1,319.02	10	1,684.60	10	2,050.68	10	2,416.74	10	2,782.80	10	3,148.86	10	3,514.93
1/4	248.79	1/4	595.75	1/4	961.42	1/4	1,326.62	1/4	1,692.23	1/4	2,058.30	1/4	2,424.36	1/4	2,790.43	1/4	3,156.49	1/4	3,522.55
1/2	255.73	1/2	603.38	1/2	969.02	1/2	1,334.22	1/2	1,699.86	1/2	2,065.93	1/2	2,431.99	1/2	2,798.05	1/2	3,164.12	1/2	3,530.18
3/4	262.68	3/4	611.00	3/4	976.62	3/4	1,341.82	3/4	1,707.48	3/4	2,073.55	3/4	2,439.62	3/4	2,805.68	3/4	3,171.74	3/4	3,537.80
11	269.63	11	618.63	11	984.22	11	1,349.42	11	1,715.11	11	2,081.18	11	2,447.24	11	2,813.31	11	3,179.37	11	3,545.43
1/4	276.66	1/4	626.26	1/4	991.81	1/4	1,357.02	1/4	1,722.74	1/4	2,088.81	1/4	2,454.87	1/4	2,820.93	1/4	3,186.99	1/4	3,553.06
1/2	283.70	1/2	633.88	1/2	999.41	1/2	1,364.62	1/2	1,730.36	1/2	2,096.43	1/2	2,462.50	1/2	2,828.56	1/2	3,194.62	1/2	3,560.68
3/4	290.73	3/4	641.51	3/4	1,007.01	3/4	1,372.22	3/4	1,737.99	3/4	2,104.06	3/4	2,470.12	3/4	2,836.18	3/4	3,202.25	3/4	3,568.31

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 AT GAUGE POINT.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE THAT EXPANDS TO 4".

GAUGE POINT: (MANUAL) LOCATED 12'-10" OFF CENTERLINE AND 51'-02" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27719"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-01 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,575.94	0	3,940.85	0	4,289.42	0	4,612.93	0		0		0		0		0		0		0	
1/4	3,583.56	1/4	3,948.31	1/4	4,296.38	1/4	4,619.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,591.19	1/2	3,955.77	1/2	4,303.34	1/2	4,625.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,598.81	3/4	3,963.24	3/4	4,310.30	3/4	4,632.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,606.44	1	3,970.70	1	4,317.26	1	4,638.93	1		1		1		1		1		1		1	
1/4	3,614.07	1/4	3,978.12	1/4	4,324.16	1/4	4,645.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,621.69	1/2	3,985.55	1/2	4,331.07	1/2	4,651.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,629.32	3/4	3,992.97	3/4	4,337.97	3/4	4,658.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,636.95	2	4,000.40	2	4,344.87	2	4,664.79	2		2		2		2		2		2		2	
1/4	3,644.57	1/4	4,007.79	1/4	4,351.73	1/4	4,671.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,652.20	1/2	4,015.18	1/2	4,358.60	1/2	4,678.21	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,659.83	3/4	4,022.57	3/4	4,365.46	3/4	4,684.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,667.45	3	4,029.95	3	4,372.33	3	4,691.64	3		3		3		3		3		3		3	
1/4	3,675.08	1/4	4,037.31	1/4	4,379.16	1/4	4,698.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,682.70	1/2	4,044.66	1/2	4,385.98	1/2	4,706.17	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.33	3/4	4,052.01	3/4	4,392.81	3/4	4,713.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,697.96	4	4,059.37	4	4,399.64	4	4,720.69	4		4		4		4		4		4		4	
1/4	3,705.58	1/4	4,066.69	1/4	4,406.43	1/4	4,728.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,713.21	1/2	4,074.01	1/2	4,413.22	1/2	4,735.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.84	3/4	4,081.33	3/4	4,420.01	3/4	4,743.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,728.46	5	4,088.65	5	4,426.80	5	4,750.86	5		5		5		5		5		5		5	
1/4	3,736.09	1/4	4,095.93	1/4	4,433.55	1/4	4,758.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,743.71	1/2	4,103.22	1/2	4,440.31	1/2	4,765.79	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,751.34	3/4	4,110.50	3/4	4,447.06	3/4	4,773.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,758.97	6	4,117.79	6	4,453.81	6	4,780.72	6		6		6		6		6		6		6	
1/4	3,766.59	1/4	4,125.04	1/4	4,460.53	1/4	4,787.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,774.22	1/2	4,132.29	1/2	4,467.25	1/2	4,794.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.85	3/4	4,139.53	3/4	4,473.97	3/4	4,801.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,789.47	7	4,146.78	7	4,480.68	7	4,808.03	7		7		7		7		7		7		7	
1/4	3,797.10	1/4	4,153.99	1/4	4,487.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.72	1/2	4,161.20	1/2	4,494.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.35	3/4	4,168.41	3/4	4,500.74	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,819.97	8	4,175.62	8	4,507.42	8		8		8		8		8		8		8		8	
1/4	3,827.58	1/4	4,182.80	1/4	4,514.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,835.18	1/2	4,189.97	1/2	4,520.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.79	3/4	4,197.14	3/4	4,527.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,850.40	9	4,204.32	9	4,534.02	9		9		9		9		9		9		9		9	
1/4	3,857.97	1/4	4,211.45	1/4	4,540.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,865.55	1/2	4,218.59	1/2	4,547.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.12	3/4	4,225.73	3/4	4,553.86	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,880.70	10	4,232.86	10	4,560.48	10		10		10		10		10		10		10		10	
1/4	3,888.23	1/4	4,239.96	1/4	4,567.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,895.77	1/2	4,247.06	1/2	4,573.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,903.31	3/4	4,254.16	3/4	4,580.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,910.85	11	4,261.26	11	4,586.78	11		11		11		11		11		11		11		11	
1/4	3,918.35	1/4	4,268.30	1/4	4,593.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,925.85	1/2	4,275.34	1/2	4,599.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,933.35	3/4	4,282.38	3/4	4,606.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/26/2004 CL SW  
RECALCULATED: 04/16/2018  
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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



# BARGE "KIRBY 27719"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.23	0	355.66	0	711.55	0	1,065.30	0	1,419.96	0	1,781.08	0	2,144.45	0	2,507.82	0	2,871.19	0	3,234.56
1/4	18.28	1/4	363.22	1/4	719.12	1/4	1,072.54	1/4	1,427.37	1/4	1,788.65	1/4	2,152.02	1/4	2,515.39	1/4	2,878.76	1/4	3,242.13
1/2	23.32	1/2	370.78	1/2	726.69	1/2	1,079.78	1/2	1,434.78	1/2	1,796.22	1/2	2,159.59	1/2	2,522.96	1/2	2,886.33	1/2	3,249.70
3/4	28.37	3/4	378.35	3/4	734.26	3/4	1,087.02	3/4	1,442.18	3/4	1,803.79	3/4	2,167.16	3/4	2,530.53	3/4	2,893.90	3/4	3,257.27
1	33.41	1	385.91	1	741.83	1	1,094.26	1	1,449.59	1	1,811.36	1	2,174.73	1	2,538.10	1	2,901.47	1	3,264.84
1/4	40.30	1/4	393.46	1/4	749.40	1/4	1,101.50	1/4	1,457.00	1/4	1,818.93	1/4	2,182.30	1/4	2,545.67	1/4	2,909.04	1/4	3,272.41
1/2	47.19	1/2	401.00	1/2	756.97	1/2	1,108.74	1/2	1,464.41	1/2	1,826.50	1/2	2,189.87	1/2	2,553.24	1/2	2,916.61	1/2	3,279.98
3/4	54.08	3/4	408.55	3/4	764.54	3/4	1,115.98	3/4	1,471.82	3/4	1,834.07	3/4	2,197.44	3/4	2,560.81	3/4	2,924.18	3/4	3,287.55
2	60.97	2	416.10	2	772.11	2	1,123.23	2	1,479.23	2	1,841.64	2	2,205.01	2	2,568.38	2	2,931.75	2	3,295.12
1/4	68.24	1/4	423.64	1/4	779.68	1/4	1,130.47	1/4	1,486.64	1/4	1,849.21	1/4	2,212.59	1/4	2,575.95	1/4	2,939.32	1/4	3,302.69
1/2	75.51	1/2	431.18	1/2	787.25	1/2	1,137.71	1/2	1,494.04	1/2	1,856.78	1/2	2,220.16	1/2	2,583.52	1/2	2,946.89	1/2	3,310.26
3/4	82.78	3/4	438.72	3/4	794.83	3/4	1,144.95	3/4	1,501.45	3/4	1,864.35	3/4	2,227.73	3/4	2,591.10	3/4	2,954.46	3/4	3,317.83
3	90.05	3	446.27	3	802.40	3	1,152.19	3	1,508.86	3	1,871.92	3	2,235.30	3	2,598.67	3	2,962.03	3	3,325.40
1/4	96.91	1/4	453.81	1/4	809.97	1/4	1,159.43	1/4	1,516.35	1/4	1,879.49	1/4	2,242.87	1/4	2,606.24	1/4	2,969.61	1/4	3,332.97
1/2	103.77	1/2	461.36	1/2	817.54	1/2	1,166.67	1/2	1,523.84	1/2	1,887.06	1/2	2,250.44	1/2	2,613.81	1/2	2,977.18	1/2	3,340.54
3/4	110.62	3/4	468.91	3/4	825.11	3/4	1,173.92	3/4	1,531.33	3/4	1,894.63	3/4	2,258.01	3/4	2,621.38	3/4	2,984.75	3/4	3,348.12
4	117.48	4	476.46	4	832.68	4	1,181.16	4	1,538.82	4	1,902.20	4	2,265.58	4	2,628.95	4	2,992.32	4	3,355.69
1/4	124.35	1/4	483.80	1/4	840.10	1/4	1,188.42	1/4	1,546.39	1/4	1,909.77	1/4	2,273.15	1/4	2,636.52	1/4	2,999.89	1/4	3,363.26
1/2	131.22	1/2	491.14	1/2	847.52	1/2	1,195.67	1/2	1,553.96	1/2	1,917.34	1/2	2,280.72	1/2	2,644.09	1/2	3,007.46	1/2	3,370.83
3/4	138.09	3/4	498.48	3/4	854.94	3/4	1,202.93	3/4	1,561.53	3/4	1,924.92	3/4	2,288.29	3/4	2,651.66	3/4	3,015.03	3/4	3,378.40
5	144.96	5	505.82	5	862.36	5	1,210.19	5	1,569.10	5	1,932.49	5	2,295.86	5	2,659.23	5	3,022.60	5	3,385.97
1/4	152.28	1/4	512.72	1/4	869.63	1/4	1,217.61	1/4	1,576.67	1/4	1,940.06	1/4	2,303.43	1/4	2,666.80	1/4	3,030.17	1/4	3,393.54
1/2	159.59	1/2	519.62	1/2	876.90	1/2	1,225.03	1/2	1,584.24	1/2	1,947.63	1/2	2,311.00	1/2	2,674.37	1/2	3,037.74	1/2	3,401.11
3/4	166.91	3/4	526.52	3/4	884.17	3/4	1,232.45	3/4	1,591.81	3/4	1,955.20	3/4	2,318.57	3/4	2,681.94	3/4	3,045.31	3/4	3,408.68
6	174.22	6	533.42	6	891.44	6	1,239.87	6	1,599.38	6	1,962.77	6	2,326.14	6	2,689.51	6	3,052.88	6	3,416.25
1/4	181.76	1/4	540.32	1/4	898.70	1/4	1,247.44	1/4	1,606.95	1/4	1,970.34	1/4	2,333.71	1/4	2,697.08	1/4	3,060.45	1/4	3,423.82
1/2	189.30	1/2	547.22	1/2	905.95	1/2	1,255.01	1/2	1,614.52	1/2	1,977.91	1/2	2,341.28	1/2	2,704.65	1/2	3,068.02	1/2	3,431.39
3/4	196.83	3/4	554.12	3/4	913.21	3/4	1,262.59	3/4	1,622.10	3/4	1,985.48	3/4	2,348.85	3/4	2,712.22	3/4	3,075.59	3/4	3,438.96
7	204.37	7	561.02	7	920.47	7	1,270.16	7	1,629.67	7	1,993.05	7	2,356.42	7	2,719.79	7	3,083.16	7	3,446.53
1/4	211.92	1/4	568.37	1/4	927.71	1/4	1,277.73	1/4	1,637.24	1/4	2,000.62	1/4	2,363.99	1/4	2,727.36	1/4	3,090.73	1/4	3,454.10
1/2	219.47	1/2	575.71	1/2	934.96	1/2	1,285.30	1/2	1,644.81	1/2	2,008.19	1/2	2,371.56	1/2	2,734.93	1/2	3,098.30	1/2	3,461.67
3/4	227.02	3/4	583.06	3/4	942.20	3/4	1,292.87	3/4	1,652.38	3/4	2,015.76	3/4	2,379.13	3/4	2,742.50	3/4	3,105.87	3/4	3,469.24
8	234.57	8	590.41	8	949.44	8	1,300.44	8	1,659.95	8	2,023.33	8	2,386.70	8	2,750.07	8	3,113.44	8	3,476.81
1/4	242.13	1/4	597.98	1/4	956.68	1/4	1,308.01	1/4	1,667.52	1/4	2,030.90	1/4	2,394.27	1/4	2,757.64	1/4	3,121.01	1/4	3,484.38
1/2	249.69	1/2	605.55	1/2	963.92	1/2	1,315.58	1/2	1,675.09	1/2	2,038.47	1/2	2,401.84	1/2	2,765.21	1/2	3,128.58	1/2	3,491.95
3/4	257.25	3/4	613.12	3/4	971.16	3/4	1,323.15	3/4	1,682.66	3/4	2,046.04	3/4	2,409.41	3/4	2,772.78	3/4	3,136.15	3/4	3,499.52
9	264.82	9	620.69	9	978.41	9	1,330.73	9	1,690.23	9	2,053.61	9	2,416.98	9	2,780.35	9	3,143.72	9	3,507.09
1/4	272.39	1/4	628.27	1/4	985.65	1/4	1,338.22	1/4	1,697.80	1/4	2,061.18	1/4	2,424.55	1/4	2,787.92	1/4	3,151.29	1/4	3,514.66
1/2	279.96	1/2	635.84	1/2	992.89	1/2	1,345.71	1/2	1,705.37	1/2	2,068.75	1/2	2,432.12	1/2	2,795.49	1/2	3,158.86	1/2	3,522.23
3/4	287.53	3/4	643.41	3/4	1,000.13	3/4	1,353.20	3/4	1,712.94	3/4	2,076.32	3/4	2,439.69	3/4	2,803.06	3/4	3,166.43	3/4	3,529.80
10	295.10	10	650.98	10	1,007.37	10	1,360.69	10	1,720.51	10	2,083.89	10	2,447.26	10	2,810.63	10	3,174.00	10	3,537.37
1/4	302.67	1/4	658.55	1/4	1,014.61	1/4	1,368.09	1/4	1,728.08	1/4	2,091.46	1/4	2,454.83	1/4	2,818.20	1/4	3,181.57	1/4	3,544.94
1/2	310.24	1/2	666.12	1/2	1,021.85	1/2	1,375.50	1/2	1,735.65	1/2	2,099.03	1/2	2,462.40	1/2	2,825.77	1/2	3,189.14	1/2	3,552.51
3/4	317.81	3/4	673.69	3/4	1,029.09	3/4	1,382.91	3/4	1,743.22	3/4	2,106.60	3/4	2,469.97	3/4	2,833.34	3/4	3,196.71	3/4	3,560.08
11	325.38	11	681.26	11	1,036.33	11	1,390.32	11	1,750.79	11	2,114.17	11	2,477.54	11	2,840.91	11	3,204.28	11	3,567.65
1/4	332.95	1/4	688.83	1/4	1,043.57	1/4	1,397.73	1/4	1,758.36	1/4	2,121.74	1/4	2,485.11	1/4	2,848.48	1/4	3,211.85	1/4	3,575.22
1/2	340.52	1/2	696.41	1/2	1,050.82	1/2	1,405.14	1/2	1,765.93	1/2	2,129.31	1/2	2,492.68	1/2	2,856.05	1/2	3,219.42	1/2	3,582.79
3/4	348.09	3/4	703.98	3/4	1,058.06	3/4	1,412.55	3/4	1,773.51	3/4	2,136.88	3/4	2,500.25	3/4	2,863.62	3/4	3,226.99	3/4	3,590.36

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 AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE THAT EXPANDS TO 4".  
 GAUGE POINT: (MANUAL) LOCATED 12'-10" OFF CENTERLINE AND 50'-10" FORWARD OF AFT BULKHEAD.

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 27719"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,597.93	0	3,960.16	0	4,306.17	0	4,627.28	0		0		0		0		0		0	
1/4	3,605.50	1/4	3,967.57	1/4	4,313.08	1/4	4,633.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,613.07	1/2	3,974.98	1/2	4,319.99	1/2	4,640.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,620.64	3/4	3,982.39	3/4	4,326.90	3/4	4,646.64	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,628.21	1	3,989.80	1	4,333.81	1	4,653.09	1		1		1		1		1		1	
1/4	3,635.78	1/4	3,997.17	1/4	4,340.66	1/4	4,659.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,643.35	1/2	4,004.54	1/2	4,347.51	1/2	4,665.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,650.92	3/4	4,011.91	3/4	4,354.36	3/4	4,672.33	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,658.49	2	4,019.28	2	4,361.21	2	4,678.75	2		2		2		2		2		2	
1/4	3,666.06	1/4	4,026.61	1/4	4,368.03	1/4	4,685.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,673.63	1/2	4,033.95	1/2	4,374.84	1/2	4,692.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,681.20	3/4	4,041.28	3/4	4,381.65	3/4	4,698.74	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,688.77	3	4,048.62	3	4,388.47	3	4,705.41	3		3		3		3		3		3	
1/4	3,696.34	1/4	4,055.92	1/4	4,395.24	1/4	4,712.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,703.91	1/2	4,063.21	1/2	4,402.02	1/2	4,719.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,711.48	3/4	4,070.51	3/4	4,408.80	3/4	4,727.03	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,719.05	4	4,077.81	4	4,415.58	4	4,734.24	4		4		4		4		4		4	
1/4	3,726.63	1/4	4,085.08	1/4	4,422.31	1/4	4,741.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,734.20	1/2	4,092.35	1/2	4,429.05	1/2	4,749.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,741.77	3/4	4,099.61	3/4	4,435.79	3/4	4,756.70	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,749.34	5	4,106.88	5	4,442.53	5	4,764.19	5		5		5		5		5		5	
1/4	3,756.91	1/4	4,114.11	1/4	4,449.24	1/4	4,771.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,764.48	1/2	4,121.34	1/2	4,455.94	1/2	4,779.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,772.05	3/4	4,128.57	3/4	4,462.64	3/4	4,786.41	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,779.62	6	4,135.81	6	4,469.34	6	4,793.81	6		6		6		6		6		6	
1/4	3,787.19	1/4	4,143.00	1/4	4,476.01	1/4	4,800.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,794.76	1/2	4,150.20	1/2	4,482.68	1/2	4,807.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,802.33	3/4	4,157.39	3/4	4,489.35	3/4	4,814.14	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,809.90	7	4,164.59	7	4,496.02	7	4,820.92	7		7		7		7		7		7	
1/4	3,817.47	1/4	4,171.74	1/4	4,502.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,825.04	1/2	4,178.90	1/2	4,509.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,832.61	3/4	4,186.06	3/4	4,515.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,840.18	8	4,193.22	8	4,522.56	8		8		8		8		8		8		8	
1/4	3,847.73	1/4	4,200.34	1/4	4,529.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,855.28	1/2	4,207.46	1/2	4,535.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,862.83	3/4	4,214.58	3/4	4,542.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,870.38	9	4,221.70	9	4,548.96	9		9		9		9		9		9		9	
1/4	3,877.90	1/4	4,228.78	1/4	4,555.52	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,885.42	1/2	4,235.87	1/2	4,562.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,892.94	3/4	4,242.95	3/4	4,568.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,900.46	10	4,250.03	10	4,575.21	10		10		10		10		10		10		10	
1/4	3,907.94	1/4	4,257.08	1/4	4,581.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,915.42	1/2	4,264.13	1/2	4,588.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,922.90	3/4	4,271.17	3/4	4,594.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,930.38	11	4,278.22	11	4,601.32	11		11		11		11		11		11		11	
1/4	3,937.83	1/4	4,285.21	1/4	4,607.81	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,945.27	1/2	4,292.20	1/2	4,614.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,952.72	3/4	4,299.18	3/4	4,620.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/26/2004 CL SW  
RECALCULATED: 04/16/2018  
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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





# BARGE "KIRBY 27719"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.23	0	355.53	0	711.29	0	1,073.94	0	1,435.10	0	1,796.08	0	2,159.33	0	2,522.57	0	2,885.81	0	3,249.05
1/4	18.27	1/4	363.09	1/4	718.86	1/4	1,081.48	1/4	1,442.50	1/4	1,803.65	1/4	2,166.90	1/4	2,530.14	1/4	2,893.38	1/4	3,256.62
1/2	23.31	1/2	370.65	1/2	726.43	1/2	1,089.02	1/2	1,449.91	1/2	1,811.22	1/2	2,174.47	1/2	2,537.71	1/2	2,900.95	1/2	3,264.19
3/4	28.36	3/4	378.21	3/4	734.00	3/4	1,096.56	3/4	1,457.31	3/4	1,818.79	3/4	2,182.03	3/4	2,545.27	3/4	2,908.51	3/4	3,271.75
1	33.40	1	385.77	1	741.56	1	1,104.10	1	1,464.72	1	1,826.36	1	2,189.60	1	2,552.84	1	2,916.08	1	3,279.32
1/4	40.28	1/4	393.32	1/4	749.13	1/4	1,111.64	1/4	1,472.13	1/4	1,833.92	1/4	2,197.17	1/4	2,560.41	1/4	2,923.65	1/4	3,286.89
1/2	47.17	1/2	400.86	1/2	756.70	1/2	1,119.18	1/2	1,479.53	1/2	1,841.49	1/2	2,204.74	1/2	2,567.98	1/2	2,931.22	1/2	3,294.46
3/4	54.06	3/4	408.41	3/4	764.27	3/4	1,126.72	3/4	1,486.94	3/4	1,849.06	3/4	2,212.30	3/4	2,575.54	3/4	2,938.78	3/4	3,302.02
2	60.94	2	415.95	2	771.84	2	1,134.26	2	1,494.34	2	1,856.63	2	2,219.87	2	2,583.11	2	2,946.35	2	3,309.59
1/4	68.21	1/4	423.49	1/4	779.40	1/4	1,141.80	1/4	1,501.75	1/4	1,864.19	1/4	2,227.44	1/4	2,590.68	1/4	2,953.92	1/4	3,317.16
1/2	75.48	1/2	431.03	1/2	786.97	1/2	1,149.34	1/2	1,509.15	1/2	1,871.76	1/2	2,235.01	1/2	2,598.25	1/2	2,961.49	1/2	3,324.73
3/4	82.75	3/4	438.57	3/4	794.54	3/4	1,156.87	3/4	1,516.56	3/4	1,879.33	3/4	2,242.57	3/4	2,605.81	3/4	2,969.05	3/4	3,332.29
3	90.02	3	446.11	3	802.11	3	1,164.41	3	1,523.97	3	1,886.90	3	2,250.14	3	2,613.38	3	2,976.62	3	3,339.86
1/4	96.87	1/4	453.65	1/4	809.68	1/4	1,171.95	1/4	1,531.45	1/4	1,894.47	1/4	2,257.71	1/4	2,620.95	1/4	2,984.19	1/4	3,347.43
1/2	103.73	1/2	461.20	1/2	817.24	1/2	1,179.50	1/2	1,538.94	1/2	1,902.03	1/2	2,265.28	1/2	2,628.52	1/2	2,991.76	1/2	3,355.00
3/4	110.58	3/4	468.74	3/4	824.81	3/4	1,187.04	3/4	1,546.43	3/4	1,909.60	3/4	2,272.84	3/4	2,636.08	3/4	2,999.32	3/4	3,362.56
4	117.44	4	476.29	4	832.38	4	1,194.58	4	1,553.91	4	1,917.17	4	2,280.41	4	2,643.65	4	3,006.89	4	3,370.13
1/4	124.31	1/4	483.63	1/4	839.95	1/4	1,202.13	1/4	1,561.48	1/4	1,924.74	1/4	2,287.98	1/4	2,651.22	1/4	3,014.46	1/4	3,377.70
1/2	131.17	1/2	490.96	1/2	847.52	1/2	1,209.69	1/2	1,569.05	1/2	1,932.30	1/2	2,295.55	1/2	2,658.79	1/2	3,022.03	1/2	3,385.27
3/4	138.04	3/4	498.30	3/4	855.09	3/4	1,217.24	3/4	1,576.62	3/4	1,939.87	3/4	2,303.11	3/4	2,666.35	3/4	3,029.59	3/4	3,392.83
5	144.91	5	505.64	5	862.65	5	1,224.80	5	1,584.19	5	1,947.44	5	2,310.68	5	2,673.92	5	3,037.16	5	3,400.40
1/4	152.22	1/4	512.54	1/4	870.22	1/4	1,232.37	1/4	1,591.75	1/4	1,955.01	1/4	2,318.25	1/4	2,681.49	1/4	3,044.73	1/4	3,407.97
1/2	159.53	1/2	519.43	1/2	877.79	1/2	1,239.94	1/2	1,599.32	1/2	1,962.58	1/2	2,325.82	1/2	2,689.06	1/2	3,052.30	1/2	3,415.54
3/4	166.85	3/4	526.33	3/4	885.36	3/4	1,247.51	3/4	1,606.89	3/4	1,970.14	3/4	2,333.38	3/4	2,696.62	3/4	3,059.86	3/4	3,423.10
6	174.16	6	533.23	6	892.93	6	1,255.07	6	1,614.46	6	1,977.71	6	2,340.95	6	2,704.19	6	3,067.43	6	3,430.67
1/4	181.69	1/4	540.13	1/4	900.48	1/4	1,262.64	1/4	1,622.02	1/4	1,985.28	1/4	2,348.52	1/4	2,711.76	1/4	3,075.00	1/4	3,438.24
1/2	189.23	1/2	547.02	1/2	908.04	1/2	1,270.21	1/2	1,629.59	1/2	1,992.85	1/2	2,356.09	1/2	2,719.33	1/2	3,082.57	1/2	3,445.81
3/4	196.76	3/4	553.92	3/4	915.59	3/4	1,277.78	3/4	1,637.16	3/4	2,000.41	3/4	2,363.65	3/4	2,726.89	3/4	3,090.13	3/4	3,453.37
7	204.30	7	560.82	7	923.15	7	1,285.35	7	1,644.73	7	2,007.98	7	2,371.22	7	2,734.46	7	3,097.70	7	3,460.94
1/4	211.85	1/4	568.16	1/4	930.69	1/4	1,292.92	1/4	1,652.30	1/4	2,015.55	1/4	2,378.79	1/4	2,742.03	1/4	3,105.27	1/4	3,468.51
1/2	219.39	1/2	575.51	1/2	938.23	1/2	1,300.48	1/2	1,659.86	1/2	2,023.12	1/2	2,386.36	1/2	2,749.60	1/2	3,112.84	1/2	3,476.08
3/4	226.94	3/4	582.85	3/4	945.77	3/4	1,308.05	3/4	1,667.43	3/4	2,030.68	3/4	2,393.92	3/4	2,757.16	3/4	3,120.40	3/4	3,483.64
8	234.48	8	590.20	8	953.31	8	1,315.62	8	1,675.00	8	2,038.25	8	2,401.49	8	2,764.73	8	3,127.97	8	3,491.21
1/4	242.04	1/4	597.77	1/4	960.85	1/4	1,323.19	1/4	1,682.57	1/4	2,045.82	1/4	2,409.06	1/4	2,772.30	1/4	3,135.54	1/4	3,498.78
1/2	249.60	1/2	605.34	1/2	968.39	1/2	1,330.76	1/2	1,690.13	1/2	2,053.39	1/2	2,416.63	1/2	2,779.87	1/2	3,143.11	1/2	3,506.35
3/4	257.16	3/4	612.90	3/4	975.93	3/4	1,338.33	3/4	1,697.70	3/4	2,060.95	3/4	2,424.19	3/4	2,787.43	3/4	3,150.67	3/4	3,513.91
9	264.72	9	620.47	9	983.47	9	1,345.89	9	1,705.27	9	2,068.52	9	2,431.76	9	2,795.00	9	3,158.24	9	3,521.48
1/4	272.29	1/4	628.04	1/4	991.01	1/4	1,353.38	1/4	1,712.84	1/4	2,076.09	1/4	2,439.33	1/4	2,802.57	1/4	3,165.81	1/4	3,529.05
1/2	279.86	1/2	635.61	1/2	998.55	1/2	1,360.87	1/2	1,720.41	1/2	2,083.66	1/2	2,446.90	1/2	2,810.14	1/2	3,173.38	1/2	3,536.62
3/4	287.42	3/4	643.18	3/4	1,006.09	3/4	1,368.36	3/4	1,727.97	3/4	2,091.22	3/4	2,454.46	3/4	2,817.70	3/4	3,180.94	3/4	3,544.18
10	294.99	10	650.75	10	1,013.63	10	1,375.84	10	1,735.54	10	2,098.79	10	2,462.03	10	2,825.27	10	3,188.51	10	3,551.75
1/4	302.56	1/4	658.31	1/4	1,021.17	1/4	1,383.25	1/4	1,743.11	1/4	2,106.36	1/4	2,469.60	1/4	2,832.84	1/4	3,196.08	1/4	3,559.32
1/2	310.13	1/2	665.88	1/2	1,028.71	1/2	1,390.66	1/2	1,750.68	1/2	2,113.93	1/2	2,477.17	1/2	2,840.41	1/2	3,203.65	1/2	3,566.89
3/4	317.69	3/4	673.45	3/4	1,036.25	3/4	1,398.06	3/4	1,758.25	3/4	2,121.49	3/4	2,484.73	3/4	2,847.97	3/4	3,211.21	3/4	3,574.45
11	325.26	11	681.02	11	1,043.78	11	1,405.47	11	1,765.81	11	2,129.06	11	2,492.30	11	2,855.54	11	3,218.78	11	3,582.02
1/4	332.83	1/4	688.59	1/4	1,051.32	1/4	1,412.88	1/4	1,773.38	1/4	2,136.63	1/4	2,499.87	1/4	2,863.11	1/4	3,226.35	1/4	3,589.59
1/2	340.39	1/2	696.16	1/2	1,058.86	1/2	1,420.28	1/2	1,780.95	1/2	2,144.20	1/2	2,507.44	1/2	2,870.68	1/2	3,233.92	1/2	3,597.16
3/4	347.96	3/4	703.72	3/4	1,066.40	3/4	1,427.69	3/4	1,788.52	3/4	2,151.76	3/4	2,515.00	3/4	2,878.24	3/4	3,241.48	3/4	3,604.72

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 AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE THAT EXPANDS TO 4".  
 GAUGE POINT: (MANUAL) LOCATED 12'-10" OFF CENTERLINE AND 50'-10" FORWARD OF AFT BULKHEAD.

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 27719"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,612.29	0	3,974.39	0	4,320.28	0	4,641.27	0		0		0		0		0		0	
1/4	3,619.86	1/4	3,981.80	1/4	4,327.18	1/4	4,647.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,627.43	1/2	3,989.20	1/2	4,334.09	1/2	4,654.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,634.99	3/4	3,996.61	3/4	4,341.00	3/4	4,660.62	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,642.56	1	4,004.01	1	4,347.90	1	4,667.07	1		1		1		1		1		1	
1/4	3,650.13	1/4	4,011.38	1/4	4,354.75	1/4	4,673.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,657.70	1/2	4,018.75	1/2	4,361.60	1/2	4,679.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,665.26	3/4	4,026.12	3/4	4,368.45	3/4	4,686.31	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,672.83	2	4,033.49	2	4,375.30	2	4,692.72	2		2		2		2		2		2	
1/4	3,680.40	1/4	4,040.82	1/4	4,382.11	1/4	4,699.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,687.97	1/2	4,048.15	1/2	4,388.92	1/2	4,706.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,695.53	3/4	4,055.48	3/4	4,395.73	3/4	4,712.70	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,703.10	3	4,062.81	3	4,402.54	3	4,719.37	3		3		3		3		3		3	
1/4	3,710.67	1/4	4,070.11	1/4	4,409.32	1/4	4,726.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,718.24	1/2	4,077.40	1/2	4,416.09	1/2	4,733.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,725.80	3/4	4,084.70	3/4	4,422.86	3/4	4,740.98	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,733.37	4	4,092.00	4	4,429.64	4	4,748.19	4		4		4		4		4		4	
1/4	3,740.94	1/4	4,099.26	1/4	4,436.38	1/4	4,755.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.51	1/2	4,106.53	1/2	4,443.11	1/2	4,763.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,756.07	3/4	4,113.79	3/4	4,449.85	3/4	4,770.64	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,763.64	5	4,121.05	5	4,456.59	5	4,778.12	5		5		5		5		5		5	
1/4	3,771.21	1/4	4,128.28	1/4	4,463.29	1/4	4,785.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,778.78	1/2	4,135.51	1/2	4,469.99	1/2	4,792.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.34	3/4	4,142.74	3/4	4,476.69	3/4	4,800.34	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,793.91	6	4,149.97	6	4,483.39	6	4,807.74	6		6		6		6		6		6	
1/4	3,801.48	1/4	4,157.16	1/4	4,490.05	1/4	4,814.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,809.05	1/2	4,164.35	1/2	4,496.72	1/2	4,821.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,816.61	3/4	4,171.55	3/4	4,503.39	3/4	4,828.06	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,824.18	7	4,178.74	7	4,510.05	7	4,834.84	7		7		7		7		7		7	
1/4	3,831.75	1/4	4,185.89	1/4	4,516.68	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,839.31	1/2	4,193.05	1/2	4,523.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,846.88	3/4	4,200.20	3/4	4,529.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,854.45	8	4,207.36	8	4,536.58	8		8		8		8		8		8		8	
1/4	3,861.99	1/4	4,214.48	1/4	4,543.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,869.54	1/2	4,221.60	1/2	4,549.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,877.09	3/4	4,228.71	3/4	4,556.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,884.64	9	4,235.83	9	4,562.98	9		9		9		9		9		9		9	
1/4	3,892.15	1/4	4,242.91	1/4	4,569.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,899.67	1/2	4,249.99	1/2	4,576.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,907.19	3/4	4,257.08	3/4	4,582.66	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,914.70	10	4,264.16	10	4,589.22	10		10		10		10		10		10		10	
1/4	3,922.18	1/4	4,271.20	1/4	4,595.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,929.66	1/2	4,278.24	1/2	4,602.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,937.14	3/4	4,285.29	3/4	4,608.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,944.62	11	4,292.33	11	4,615.32	11		11		11		11		11		11		11	
1/4	3,952.06	1/4	4,299.32	1/4	4,621.80	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,959.51	1/2	4,306.30	1/2	4,628.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,966.95	3/4	4,313.29	3/4	4,634.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/26/2004 CL SW  
RECALCULATED: 04/16/2018  
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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



# BARGE "KIRBY 27719"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 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	47.57	0	328.41	0	680.87	0	1,032.76	0	1,388.99	0	1,750.20	0	2,112.85	0	2,475.50	0	2,838.14	0	3,200.85
1/4	48.51	1/4	335.94	1/4	688.22	1/4	1,040.08	1/4	1,396.37	1/4	1,757.76	1/4	2,120.41	1/4	2,483.05	1/4	2,845.70	1/4	3,208.43
1/2	49.45	1/2	343.48	1/2	695.57	1/2	1,047.40	1/2	1,403.75	1/2	1,765.31	1/2	2,127.96	1/2	2,490.61	1/2	2,853.25	1/2	3,216.01
3/4	50.40	3/4	351.01	3/4	702.92	3/4	1,054.72	3/4	1,411.14	3/4	1,772.87	3/4	2,135.52	3/4	2,498.16	3/4	2,860.81	3/4	3,223.58
1	51.77	1	358.54	1	710.27	1	1,062.04	1	1,418.55	1	1,780.42	1	2,143.07	1	2,505.72	1	2,868.36	1	3,231.16
1/4	53.56	1/4	366.08	1/4	717.62	1/4	1,069.36	1/4	1,426.00	1/4	1,787.98	1/4	2,150.63	1/4	2,513.27	1/4	2,875.92	1/4	3,238.74
1/2	55.36	1/2	373.61	1/2	724.97	1/2	1,076.68	1/2	1,433.46	1/2	1,795.53	1/2	2,158.18	1/2	2,520.83	1/2	2,883.47	1/2	3,246.32
3/4	57.15	3/4	381.15	3/4	732.32	3/4	1,084.00	3/4	1,440.91	3/4	1,803.09	3/4	2,165.74	3/4	2,528.38	3/4	2,891.03	3/4	3,253.89
2	59.58	2	388.59	2	739.67	2	1,091.32	2	1,448.40	2	1,810.65	2	2,173.29	2	2,535.94	2	2,898.58	2	3,261.47
1/4	62.65	1/4	395.91	1/4	747.02	1/4	1,098.65	1/4	1,455.93	1/4	1,818.20	1/4	2,180.85	1/4	2,543.49	1/4	2,906.14	1/4	3,269.05
1/2	65.72	1/2	403.24	1/2	754.37	1/2	1,105.97	1/2	1,463.46	1/2	1,825.76	1/2	2,188.40	1/2	2,551.05	1/2	2,913.69	1/2	3,276.63
3/4	68.79	3/4	410.57	3/4	761.71	3/4	1,113.30	3/4	1,470.99	3/4	1,833.31	3/4	2,195.96	3/4	2,558.60	3/4	2,921.25	3/4	3,284.20
3	72.71	3	417.68	3	769.06	3	1,120.68	3	1,478.53	3	1,840.87	3	2,203.51	3	2,566.16	3	2,928.80	3	3,291.78
1/4	77.49	1/4	424.57	1/4	776.41	1/4	1,128.11	1/4	1,486.06	1/4	1,848.42	1/4	2,211.07	1/4	2,573.71	1/4	2,936.36	1/4	3,299.36
1/2	82.27	1/2	431.46	1/2	783.76	1/2	1,135.55	1/2	1,493.59	1/2	1,855.98	1/2	2,218.62	1/2	2,581.27	1/2	2,943.91	1/2	3,306.94
3/4	87.05	3/4	438.35	3/4	791.11	3/4	1,142.98	3/4	1,501.12	3/4	1,863.53	3/4	2,226.18	3/4	2,588.82	3/4	2,951.47	3/4	3,314.51
4	92.57	4	445.24	4	798.46	4	1,150.47	4	1,508.65	4	1,871.09	4	2,233.73	4	2,596.38	4	2,959.02	4	3,322.09
1/4	98.83	1/4	452.13	1/4	805.80	1/4	1,158.01	1/4	1,516.18	1/4	1,878.64	1/4	2,241.29	1/4	2,603.93	1/4	2,966.58	1/4	3,329.67
1/2	105.10	1/2	459.02	1/2	813.13	1/2	1,165.55	1/2	1,523.72	1/2	1,886.20	1/2	2,248.84	1/2	2,611.49	1/2	2,974.13	1/2	3,337.25
3/4	111.36	3/4	465.90	3/4	820.47	3/4	1,173.09	3/4	1,531.25	3/4	1,893.75	3/4	2,256.40	3/4	2,619.04	3/4	2,981.69	3/4	3,344.82
5	118.10	5	473.02	5	827.80	5	1,180.63	5	1,538.78	5	1,901.31	5	2,263.95	5	2,626.60	5	2,989.24	5	3,352.52
1/4	125.32	1/4	480.35	1/4	835.12	1/4	1,188.17	1/4	1,546.31	1/4	1,908.86	1/4	2,271.51	1/4	2,634.15	1/4	2,996.80	1/4	3,357.34
1/2	132.54	1/2	487.69	1/2	842.45	1/2	1,195.71	1/2	1,553.84	1/2	1,916.42	1/2	2,279.06	1/2	2,641.71	1/2	3,004.35	1/2	3,363.16
3/4	139.77	3/4	495.03	3/4	849.77	3/4	1,203.25	3/4	1,561.38	3/4	1,923.97	3/4	2,286.62	3/4	2,649.26	3/4	3,011.91	3/4	3,368.98
6	147.15	6	502.47	6	857.09	6	1,210.79	6	1,568.91	6	1,931.53	6	2,294.17	6	2,656.82	6	3,019.46	6	3,373.93
1/4	154.70	1/4	510.03	1/4	864.41	1/4	1,218.33	1/4	1,576.46	1/4	1,939.09	1/4	2,301.73	1/4	2,664.37	1/4	3,027.02	1/4	3,377.99
1/2	162.26	1/2	517.60	1/2	871.73	1/2	1,225.87	1/2	1,584.00	1/2	1,946.64	1/2	2,309.29	1/2	2,671.93	1/2	3,034.57	1/2	3,382.05
3/4	169.81	3/4	525.16	3/4	879.05	3/4	1,233.41	3/4	1,591.54	3/4	1,954.20	3/4	2,316.84	3/4	2,679.48	3/4	3,042.13	3/4	3,386.12
7	177.36	7	532.72	7	886.38	7	1,240.91	7	1,599.09	7	1,961.75	7	2,324.40	7	2,687.04	7	3,049.68	7	3,390.18
1/4	184.92	1/4	540.28	1/4	893.70	1/4	1,248.37	1/4	1,606.65	1/4	1,969.31	1/4	2,331.95	1/4	2,694.60	1/4	3,057.24	1/4	3,394.25
1/2	192.48	1/2	547.84	1/2	901.02	1/2	1,255.83	1/2	1,614.20	1/2	1,976.86	1/2	2,339.51	1/2	2,702.15	1/2	3,064.80	1/2	3,398.31
3/4	200.04	3/4	555.40	3/4	908.34	3/4	1,263.29	3/4	1,621.76	3/4	1,984.42	3/4	2,347.06	3/4	2,709.71	3/4	3,072.35	3/4	3,402.37
8	207.60	8	562.90	8	915.66	8	1,270.71	8	1,629.32	8	1,991.97	8	2,354.62	8	2,717.26	8	3,079.91	8	3,406.44
1/4	215.16	1/4	570.36	1/4	922.98	1/4	1,278.10	1/4	1,636.87	1/4	1,999.53	1/4	2,362.17	1/4	2,724.82	1/4	3,087.46	1/4	3,410.50
1/2	222.72	1/2	577.81	1/2	930.30	1/2	1,285.49	1/2	1,644.43	1/2	2,007.08	1/2	2,369.73	1/2	2,732.37	1/2	3,095.02	1/2	3,414.57
3/4	230.28	3/4	585.27	3/4	937.62	3/4	1,292.87	3/4	1,651.98	3/4	2,014.64	3/4	2,377.28	3/4	2,739.93	3/4	3,102.57	3/4	3,418.63
9	237.84	9	592.67	9	944.94	9	1,300.26	9	1,659.54	9	2,022.19	9	2,384.84	9	2,747.48	9	3,110.13	9	3,422.69
1/4	245.39	1/4	600.02	1/4	952.26	1/4	1,307.66	1/4	1,667.09	1/4	2,029.75	1/4	2,392.39	1/4	2,755.04	1/4	3,117.68	1/4	3,426.76
1/2	252.95	1/2	607.37	1/2	959.57	1/2	1,315.05	1/2	1,674.65	1/2	2,037.30	1/2	2,399.95	1/2	2,762.59	1/2	3,125.24	1/2	3,430.82
3/4	260.51	3/4	614.72	3/4	966.89	3/4	1,322.45	3/4	1,682.20	3/4	2,044.86	3/4	2,407.50	3/4	2,770.15	3/4	3,132.79	3/4	3,434.89
10	268.07	10	622.07	10	974.21	10	1,329.84	10	1,689.76	10	2,052.41	10	2,415.06	10	2,777.70	10	3,140.35	10	3,438.95
1/4	275.62	1/4	629.42	1/4	981.53	1/4	1,337.24	1/4	1,697.31	1/4	2,059.97	1/4	2,422.61	1/4	2,785.26	1/4	3,147.90	1/4	3,443.01
1/2	283.17	1/2	636.77	1/2	988.85	1/2	1,344.63	1/2	1,704.87	1/2	2,067.52	1/2	2,430.17	1/2	2,792.81	1/2	3,155.46	1/2	3,447.08
3/4	290.72	3/4	644.12	3/4	996.17	3/4	1,352.02	3/4	1,712.42	3/4	2,075.08	3/4	2,437.72	3/4	2,800.37	3/4	3,163.01	3/4	3,451.14
11	298.27	11	651.47	11	1,003.49	11	1,359.42	11	1,719.98	11	2,082.63	11	2,445.28	11	2,807.92	11	3,170.58	11	3,455.21
1/4	305.81	1/4	658.82	1/4	1,010.80	1/4	1,366.81	1/4	1,727.54	1/4	2,090.19	1/4	2,452.83	1/4	2,815.48	1/4	3,178.15	1/4	3,459.27
1/2	313.34	1/2	666.17	1/2	1,018.12	1/2	1,374.21	1/2	1,735.09	1/2	2,097.74	1/2	2,460.39	1/2	2,823.03	1/2	3,185.71	1/2	3,463.33
3/4	320.88	3/4	673.52	3/4	1,025.44	3/4	1,381.60	3/4	1,742.65	3/4	2,105.30	3/4	2,467.94	3/4	2,830.59	3/4	3,193.28	3/4	3,467.40

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 AT GAUGE POINT.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE THAT EXPANDS TO 4".

GAUGE POINT: (MANUAL) LOCATED 12'-10" OFF CENTERLINE AND 50'-10" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27719"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,471.46	0	3,665.07	0	3,848.15	0	4,016.67	0		0		0		0		0		0	
1/4	3,475.52	1/4	3,669.01	1/4	3,851.77	1/4	4,020.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,479.59	1/2	3,672.95	1/2	3,855.39	1/2	4,023.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,483.65	3/4	3,676.88	3/4	3,859.01	3/4	4,027.29	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,487.72	1	3,680.81	1	3,862.61	1	4,030.97	1		1		1		1		1		1	
1/4	3,491.78	1/4	3,684.73	1/4	3,866.21	1/4	4,034.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,495.84	1/2	3,688.65	1/2	3,869.81	1/2	4,038.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,499.91	3/4	3,692.57	3/4	3,873.41	3/4	4,042.47	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,503.97	2	3,696.48	2	3,877.00	2	4,046.37	2		2		2		2		2		2	
1/4	3,508.04	1/4	3,700.38	1/4	3,880.58	1/4	4,050.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,512.10	1/2	3,704.28	1/2	3,884.16	1/2	4,054.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,516.16	3/4	3,708.18	3/4	3,887.73	3/4	4,058.31	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,520.23	3	3,712.07	3	3,891.30	3	4,062.25	3		3		3		3		3		3	
1/4	3,524.29	1/4	3,715.95	1/4	3,894.86	1/4	4,066.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,528.36	1/2	3,719.83	1/2	3,898.42	1/2	4,070.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,532.42	3/4	3,723.72	3/4	3,901.98	3/4	4,073.95	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,536.48	4	3,727.59	4	3,905.53	4	4,077.53	4		4		4		4		4		4	
1/4	3,540.55	1/4	3,731.45	1/4	3,909.07	1/4	4,080.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,544.61	1/2	3,735.31	1/2	3,912.61	1/2	4,084.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,548.67	3/4	3,739.18	3/4	3,916.15	3/4	4,087.34	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,552.74	5	3,743.03	5	3,919.68	5	4,088.98	5		5		5		5		5		5	
1/4	3,556.80	1/4	3,746.87	1/4	3,923.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,560.86	1/2	3,750.71	1/2	3,926.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,564.93	3/4	3,754.55	3/4	3,930.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,568.98	6	3,758.39	6	3,933.76	6		6		6		6		6		6		6	
1/4	3,573.04	1/4	3,762.21	1/4	3,937.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,577.09	1/2	3,766.03	1/2	3,940.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,581.14	3/4	3,769.85	3/4	3,944.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,585.19	7	3,773.67	7	3,947.77	7		7		7		7		7		7		7	
1/4	3,589.23	1/4	3,777.47	1/4	3,951.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,593.26	1/2	3,781.27	1/2	3,954.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,597.30	3/4	3,785.07	3/4	3,958.22	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,601.33	8	3,788.87	8	3,961.69	8		8		8		8		8		8		8	
1/4	3,605.34	1/4	3,792.65	1/4	3,965.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,609.36	1/2	3,796.43	1/2	3,968.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,613.38	3/4	3,800.21	3/4	3,972.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,617.38	9	3,803.98	9	3,975.54	9		9		9		9		9		9		9	
1/4	3,621.38	1/4	3,807.72	1/4	3,978.98	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,625.38	1/2	3,811.46	1/2	3,982.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,629.37	3/4	3,815.20	3/4	3,985.87	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,633.36	10	3,818.91	10	3,989.30	10		10		10		10		10		10		10	
1/4	3,637.34	1/4	3,822.59	1/4	3,992.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,641.31	1/2	3,826.27	1/2	3,996.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,645.29	3/4	3,829.95	3/4	3,999.58	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,649.26	11	3,833.61	11	4,002.99	11		11		11		11		11		11		11	
1/4	3,653.21	1/4	3,837.25	1/4	4,006.39	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,657.17	1/2	3,840.88	1/2	4,009.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,661.13	3/4	3,844.52	3/4	4,013.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/26/2004 CL SW  
RECALCULATED: 04/16/2018  
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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



# BARGE "KIRBY 27719"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 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	47.16	0	325.75	0	682.33	0	1,045.44	0	1,406.22	0	1,769.19	0	2,133.14	0	2,497.07	0	2,861.01	0	3,224.94
1/4	48.12	1/4	333.31	1/4	689.91	1/4	1,052.99	1/4	1,413.64	1/4	1,776.77	1/4	2,140.72	1/4	2,504.65	1/4	2,868.59	1/4	3,232.53
1/2	49.08	1/2	340.86	1/2	697.49	1/2	1,060.55	1/2	1,421.06	1/2	1,784.36	1/2	2,148.30	1/2	2,512.24	1/2	2,876.17	1/2	3,240.11
3/4	50.05	3/4	348.41	3/4	705.07	3/4	1,068.10	3/4	1,428.48	3/4	1,791.94	3/4	2,155.88	3/4	2,519.82	3/4	2,883.75	3/4	3,247.69
1	51.01	1	355.97	1	712.66	1	1,075.65	1	1,435.90	1	1,799.52	1	2,163.46	1	2,527.40	1	2,891.34	1	3,255.27
1/4	52.82	1/4	363.53	1/4	720.24	1/4	1,083.21	1/4	1,443.40	1/4	1,807.10	1/4	2,171.05	1/4	2,534.98	1/4	2,898.92	1/4	3,262.85
1/2	54.64	1/2	371.09	1/2	727.82	1/2	1,090.76	1/2	1,450.90	1/2	1,814.69	1/2	2,178.63	1/2	2,542.56	1/2	2,906.50	1/2	3,270.44
3/4	56.45	3/4	378.65	3/4	735.40	3/4	1,098.32	3/4	1,458.40	3/4	1,822.27	3/4	2,186.21	3/4	2,550.15	3/4	2,914.08	3/4	3,278.02
2	58.26	2	386.21	2	742.99	2	1,105.88	2	1,465.90	2	1,829.85	2	2,193.79	2	2,557.73	2	2,921.66	2	3,285.60
1/4	61.35	1/4	393.56	1/4	750.57	1/4	1,113.45	1/4	1,473.49	1/4	1,837.43	1/4	2,201.37	1/4	2,565.31	1/4	2,929.25	1/4	3,293.18
1/2	64.44	1/2	400.91	1/2	758.15	1/2	1,121.02	1/2	1,481.07	1/2	1,845.01	1/2	2,208.96	1/2	2,572.89	1/2	2,936.83	1/2	3,300.76
3/4	67.53	3/4	408.26	3/4	765.73	3/4	1,128.59	3/4	1,488.65	3/4	1,852.60	3/4	2,216.54	3/4	2,580.47	3/4	2,944.41	3/4	3,308.35
3	70.62	3	415.61	3	773.32	3	1,136.16	3	1,496.23	3	1,860.18	3	2,224.12	3	2,588.06	3	2,951.99	3	3,315.93
1/4	75.42	1/4	422.52	1/4	780.90	1/4	1,143.74	1/4	1,503.82	1/4	1,867.76	1/4	2,231.70	1/4	2,595.64	1/4	2,959.57	1/4	3,323.51
1/2	80.22	1/2	429.44	1/2	788.48	1/2	1,151.32	1/2	1,511.40	1/2	1,875.34	1/2	2,239.28	1/2	2,603.22	1/2	2,967.16	1/2	3,331.09
3/4	85.02	3/4	436.35	3/4	796.06	3/4	1,158.91	3/4	1,518.98	3/4	1,882.93	3/4	2,246.87	3/4	2,610.80	3/4	2,974.74	3/4	3,338.67
4	89.82	4	443.26	4	803.65	4	1,166.49	4	1,526.56	4	1,890.51	4	2,254.45	4	2,618.38	4	2,982.32	4	3,346.26
1/4	96.10	1/4	450.17	1/4	811.22	1/4	1,174.07	1/4	1,534.14	1/4	1,898.09	1/4	2,262.03	1/4	2,625.97	1/4	2,989.90	1/4	3,353.84
1/2	102.39	1/2	457.08	1/2	818.79	1/2	1,181.65	1/2	1,541.73	1/2	1,905.67	1/2	2,269.61	1/2	2,633.55	1/2	2,997.48	1/2	3,361.42
3/4	108.67	3/4	463.99	3/4	826.36	3/4	1,189.24	3/4	1,549.31	3/4	1,913.25	3/4	2,277.19	3/4	2,641.13	3/4	3,005.07	3/4	3,369.00
5	114.96	5	470.90	5	833.93	5	1,196.82	5	1,556.89	5	1,920.84	5	2,284.78	5	2,648.71	5	3,012.65	5	3,376.58
1/4	122.20	1/4	478.26	1/4	841.48	1/4	1,204.40	1/4	1,564.47	1/4	1,928.42	1/4	2,292.36	1/4	2,656.29	1/4	3,020.23	1/4	3,384.16
1/2	129.45	1/2	485.62	1/2	849.04	1/2	1,211.98	1/2	1,572.06	1/2	1,936.00	1/2	2,299.94	1/2	2,663.88	1/2	3,027.81	1/2	3,388.23
3/4	136.69	3/4	492.98	3/4	856.59	3/4	1,219.57	3/4	1,579.64	3/4	1,943.58	3/4	2,307.52	3/4	2,671.46	3/4	3,035.39	3/4	3,394.06
6	143.94	6	500.34	6	864.15	6	1,227.15	6	1,587.22	6	1,951.17	6	2,315.10	6	2,679.04	6	3,042.98	6	3,399.88
1/4	151.51	1/4	507.92	1/4	871.70	1/4	1,234.73	1/4	1,594.80	1/4	1,958.75	1/4	2,322.69	1/4	2,686.62	1/4	3,050.56	1/4	3,403.95
1/2	159.09	1/2	515.51	1/2	879.26	1/2	1,242.32	1/2	1,602.38	1/2	1,966.33	1/2	2,330.27	1/2	2,694.20	1/2	3,058.14	1/2	3,408.02
3/4	166.66	3/4	523.09	3/4	886.81	3/4	1,249.90	3/4	1,609.97	3/4	1,973.91	3/4	2,337.85	3/4	2,701.79	3/4	3,065.72	3/4	3,412.08
7	174.23	7	530.67	7	894.37	7	1,257.48	7	1,617.55	7	1,981.50	7	2,345.43	7	2,709.37	7	3,073.30	7	3,416.15
1/4	181.82	1/4	538.25	1/4	901.92	1/4	1,264.98	1/4	1,625.13	1/4	1,989.08	1/4	2,353.01	1/4	2,716.95	1/4	3,080.89	1/4	3,420.21
1/2	189.40	1/2	545.84	1/2	909.47	1/2	1,272.49	1/2	1,632.71	1/2	1,996.66	1/2	2,360.60	1/2	2,724.53	1/2	3,088.47	1/2	3,424.28
3/4	196.98	3/4	553.42	3/4	917.03	3/4	1,279.99	3/4	1,640.30	3/4	2,004.24	3/4	2,368.18	3/4	2,732.11	3/4	3,096.05	3/4	3,428.35
8	204.56	8	561.00	8	924.58	8	1,287.49	8	1,647.88	8	2,011.82	8	2,375.76	8	2,739.70	8	3,103.63	8	3,432.41
1/4	212.14	1/4	568.59	1/4	932.13	1/4	1,294.91	1/4	1,655.46	1/4	2,019.41	1/4	2,383.34	1/4	2,747.28	1/4	3,111.21	1/4	3,436.48
1/2	219.72	1/2	576.17	1/2	939.69	1/2	1,302.33	1/2	1,663.04	1/2	2,026.99	1/2	2,390.92	1/2	2,754.86	1/2	3,118.80	1/2	3,440.55
3/4	227.31	3/4	583.75	3/4	947.24	3/4	1,309.75	3/4	1,670.62	3/4	2,034.57	3/4	2,398.51	3/4	2,762.44	3/4	3,126.38	3/4	3,444.61
9	234.89	9	591.34	9	954.79	9	1,317.17	9	1,678.21	9	2,042.15	9	2,406.09	9	2,770.02	9	3,133.96	9	3,448.68
1/4	242.47	1/4	598.92	1/4	962.35	1/4	1,324.59	1/4	1,685.79	1/4	2,049.73	1/4	2,413.67	1/4	2,777.61	1/4	3,141.54	1/4	3,452.75
1/2	250.05	1/2	606.50	1/2	969.90	1/2	1,332.01	1/2	1,693.37	1/2	2,057.32	1/2	2,421.25	1/2	2,785.19	1/2	3,149.12	1/2	3,456.81
3/4	257.63	3/4	614.08	3/4	977.46	3/4	1,339.44	3/4	1,700.95	3/4	2,064.90	3/4	2,428.83	3/4	2,792.77	3/4	3,156.71	3/4	3,460.88
10	265.21	10	621.67	10	985.01	10	1,346.86	10	1,708.54	10	2,072.48	10	2,436.42	10	2,800.35	10	3,164.29	10	3,464.95
1/4	272.79	1/4	629.25	1/4	992.56	1/4	1,354.28	1/4	1,716.12	1/4	2,080.06	1/4	2,444.00	1/4	2,807.93	1/4	3,171.87	1/4	3,469.01
1/2	280.36	1/2	636.83	1/2	1,000.12	1/2	1,361.70	1/2	1,723.70	1/2	2,087.64	1/2	2,451.58	1/2	2,815.52	1/2	3,179.45	1/2	3,473.08
3/4	287.94	3/4	644.41	3/4	1,007.67	3/4	1,369.12	3/4	1,731.28	3/4	2,095.23	3/4	2,459.16	3/4	2,823.10	3/4	3,187.03	3/4	3,477.14
11	295.51	11	652.00	11	1,015.22	11	1,376.54	11	1,738.86	11	2,102.81	11	2,466.74	11	2,830.68	11	3,194.62	11	3,481.21
1/4	303.07	1/4	659.58	1/4	1,022.78	1/4	1,383.96	1/4	1,746.45	1/4	2,110.39	1/4	2,474.33	1/4	2,838.26	1/4	3,202.20	1/4	3,485.28
1/2	310.63	1/2	667.16	1/2	1,030.33	1/2	1,391.38	1/2	1,754.03	1/2	2,117.97	1/2	2,481.91	1/2	2,845.84	1/2	3,209.78	1/2	3,489.34
3/4	318.19	3/4	674.74	3/4	1,037.89	3/4	1,398.80	3/4	1,761.61	3/4	2,125.55	3/4	2,489.49	3/4	2,853.43	3/4	3,217.36	3/4	3,493.41

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 AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE THAT EXPANDS TO 4".  
 GAUGE POINT: (MANUAL) LOCATED 12'-10" OFF CENTERLINE AND 50'-10" FORWARD OF AFT BULKHEAD.

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 27719"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 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	3,497.48	0	3,691.27	0	3,874.61	0	4,043.28	0		0		0		0		0		0	
1/4	3,501.54	1/4	3,695.21	1/4	3,878.23	1/4	4,046.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,505.61	1/2	3,699.15	1/2	3,881.85	1/2	4,050.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,509.68	3/4	3,703.09	3/4	3,885.47	3/4	4,053.90	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,513.74	1	3,707.02	1	3,889.09	1	4,057.44	1		1		1		1		1		1	
1/4	3,517.81	1/4	3,710.95	1/4	3,892.70	1/4	4,061.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,521.87	1/2	3,714.87	1/2	3,896.30	1/2	4,065.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,525.94	3/4	3,718.79	3/4	3,899.90	3/4	4,068.94	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,530.01	2	3,722.71	2	3,903.50	2	4,072.77	2		2		2		2		2		2	
1/4	3,534.07	1/4	3,726.61	1/4	3,907.08	1/4	4,076.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,538.14	1/2	3,730.51	1/2	3,910.66	1/2	4,080.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,542.21	3/4	3,734.42	3/4	3,914.24	3/4	4,084.72	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,546.27	3	3,738.32	3	3,917.82	3	4,088.70	3		3		3		3		3		3	
1/4	3,550.34	1/4	3,742.20	1/4	3,921.38	1/4	4,092.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,554.41	1/2	3,746.09	1/2	3,924.94	1/2	4,096.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,558.47	3/4	3,749.97	3/4	3,928.50	3/4	4,100.41	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,562.54	4	3,753.86	4	3,932.06	4	4,104.31	4		4		4		4		4		4	
1/4	3,566.61	1/4	3,757.72	1/4	3,935.61	1/4	4,107.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,570.67	1/2	3,761.59	1/2	3,939.15	1/2	4,110.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,574.74	3/4	3,765.45	3/4	3,942.69	3/4	4,114.12	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,578.80	5	3,769.31	5	3,946.23	5	4,117.39	5		5		5		5		5		5	
1/4	3,582.87	1/4	3,773.16	1/4	3,949.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,586.93	1/2	3,777.00	1/2	3,953.28	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,591.00	3/4	3,780.85	3/4	3,956.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,595.06	6	3,784.69	6	3,960.33	6		6		6		6		6		6		6	
1/4	3,599.12	1/4	3,788.52	1/4	3,963.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,603.17	1/2	3,792.34	1/2	3,967.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,607.23	3/4	3,796.17	3/4	3,970.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,611.29	7	3,799.99	7	3,974.35	7		7		7		7		7		7		7	
1/4	3,615.32	1/4	3,803.80	1/4	3,977.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,619.36	1/2	3,807.60	1/2	3,981.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.40	3/4	3,811.41	3/4	3,984.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,627.44	8	3,815.21	8	3,988.30	8		8		8		8		8		8		8	
1/4	3,631.46	1/4	3,819.00	1/4	3,991.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,635.48	1/2	3,822.78	1/2	3,995.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,639.50	3/4	3,826.56	3/4	3,998.70	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,643.52	9	3,830.35	9	4,002.16	9		9		9		9		9		9		9	
1/4	3,647.52	1/4	3,834.09	1/4	4,005.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,651.52	1/2	3,837.84	1/2	4,009.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,655.51	3/4	3,841.58	3/4	4,012.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,659.51	10	3,845.32	10	4,015.95	10		10		10		10		10		10		10	
1/4	3,663.49	1/4	3,849.01	1/4	4,019.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,667.47	1/2	3,852.69	1/2	4,022.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,671.45	3/4	3,856.37	3/4	4,026.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,675.43	11	3,860.05	11	4,029.65	11		11		11		11		11		11		11	
1/4	3,679.39	1/4	3,863.69	1/4	4,033.06	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,683.35	1/2	3,867.33	1/2	4,036.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,687.31	3/4	3,870.97	3/4	4,039.87	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/26/2004 CL SW  
 RECALCULATED: 04/16/2018  
 VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 06/2023

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



# BARGE "KIRBY 27719"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	2,328	0	4,661	0	6,990	0	9,323	0	11,652	0	13,985	0		0		0	
1/4	48	1/4	2,376	1/4	4,709	1/4	7,038	1/4	9,371	1/4	11,700	1/4	14,033	1/4		1/4		1/4	
1/2	96	1/2	2,425	1/2	4,757	1/2	7,087	1/2	9,419	1/2	11,749	1/2	14,082	1/2		1/2		1/2	
3/4	145	3/4	2,473	3/4	4,805	3/4	7,136	3/4	9,468	3/4	11,798	3/4	14,131	3/4		3/4		3/4	
1	193	1	2,522	1	4,854	1	7,184	1	9,516	1	11,846	1	14,179	1		1		1	
1/4	241	1/4	2,571	1/4	4,902	1/4	7,233	1/4	9,564	1/4	11,895	1/4	14,228	1/4		1/4		1/4	
1/2	289	1/2	2,619	1/2	4,950	1/2	7,281	1/2	9,612	1/2	11,943	1/2	14,276	1/2		1/2		1/2	
3/4	337	3/4	2,668	3/4	4,999	3/4	7,330	3/4	9,661	3/4	11,992	3/4	14,325	3/4		3/4		3/4	
2	385	2	2,716	2	5,047	2	7,379	2	9,709	2	12,041	2	14,374	2		2		2	
1/4	433	1/4	2,765	1/4	5,095	1/4	7,427	1/4	9,757	1/4	12,089	1/4	14,422	1/4		1/4		1/4	
1/2	482	1/2	2,814	1/2	5,143	1/2	7,476	1/2	9,806	1/2	12,138	1/2		1/2		1/2		1/2	
3/4	530	3/4	2,862	3/4	5,192	3/4	7,524	3/4	9,854	3/4	12,186	3/4		3/4		3/4		3/4	
3	578	3	2,911	3	5,240	3	7,573	3	9,902	3	12,235	3		3		3		3	
1/4	627	1/4	2,959	1/4	5,289	1/4	7,622	1/4	9,951	1/4	12,284	1/4		1/4		1/4		1/4	
1/2	675	1/2	3,008	1/2	5,337	1/2	7,670	1/2	9,999	1/2	12,332	1/2		1/2		1/2		1/2	
3/4	724	3/4	3,057	3/4	5,386	3/4	7,719	3/4	10,048	3/4	12,381	3/4		3/4		3/4		3/4	
4	772	4	3,105	4	5,434	4	7,767	4	10,097	4	12,429	4		4		4		4	
1/4	821	1/4	3,154	1/4	5,483	1/4	7,816	1/4	10,145	1/4	12,478	1/4		1/4		1/4		1/4	
1/2	870	1/2	3,203	1/2	5,532	1/2	7,865	1/2	10,194	1/2	12,527	1/2		1/2		1/2		1/2	
3/4	918	3/4	3,251	3/4	5,580	3/4	7,913	3/4	10,242	3/4	12,575	3/4		3/4		3/4		3/4	
5	967	5	3,300	5	5,629	5	7,962	5	10,291	5	12,624	5		5		5		5	
1/4	1,015	1/4	3,348	1/4	5,677	1/4	8,010	1/4	10,340	1/4	12,672	1/4		1/4		1/4		1/4	
1/2	1,064	1/2	3,397	1/2	5,726	1/2	8,059	1/2	10,388	1/2	12,721	1/2		1/2		1/2		1/2	
3/4	1,113	3/4	3,446	3/4	5,775	3/4	8,108	3/4	10,437	3/4	12,770	3/4		3/4		3/4		3/4	
6	1,161	6	3,494	6	5,823	6	8,156	6	10,485	6	12,818	6		6		6		6	
1/4	1,210	1/4	3,543	1/4	5,872	1/4	8,205	1/4	10,534	1/4	12,867	1/4		1/4		1/4		1/4	
1/2	1,258	1/2	3,591	1/2	5,921	1/2	8,253	1/2	10,583	1/2	12,916	1/2		1/2		1/2		1/2	
3/4	1,307	3/4	3,640	3/4	5,969	3/4	8,302	3/4	10,631	3/4	12,964	3/4		3/4		3/4		3/4	
7	1,356	7	3,689	7	6,018	7	8,351	7	10,680	7	13,013	7		7		7		7	
1/4	1,404	1/4	3,737	1/4	6,066	1/4	8,399	1/4	10,728	1/4	13,061	1/4		1/4		1/4		1/4	
1/2	1,453	1/2	3,786	1/2	6,115	1/2	8,448	1/2	10,777	1/2	13,110	1/2		1/2		1/2		1/2	
3/4	1,501	3/4	3,834	3/4	6,164	3/4	8,496	3/4	10,826	3/4	13,159	3/4		3/4		3/4		3/4	
8	1,550	8	3,883	8	6,212	8	8,545	8	10,874	8	13,207	8		8		8		8	
1/4	1,599	1/4	3,932	1/4	6,261	1/4	8,594	1/4	10,923	1/4	13,256	1/4		1/4		1/4		1/4	
1/2	1,647	1/2	3,980	1/2	6,309	1/2	8,642	1/2	10,971	1/2	13,304	1/2		1/2		1/2		1/2	
3/4	1,696	3/4	4,029	3/4	6,358	3/4	8,691	3/4	11,020	3/4	13,353	3/4		3/4		3/4		3/4	
9	1,744	9	4,077	9	6,407	9	8,739	9	11,069	9	13,402	9		9		9		9	
1/4	1,793	1/4	4,126	1/4	6,455	1/4	8,788	1/4	11,117	1/4	13,450	1/4		1/4		1/4		1/4	
1/2	1,842	1/2	4,175	1/2	6,504	1/2	8,837	1/2	11,166	1/2	13,499	1/2		1/2		1/2		1/2	
3/4	1,890	3/4	4,223	3/4	6,552	3/4	8,885	3/4	11,214	3/4	13,547	3/4		3/4		3/4		3/4	
10	1,939	10	4,272	10	6,601	10	8,934	10	11,263	10	13,596	10		10		10		10	
1/4	1,987	1/4	4,320	1/4	6,650	1/4	8,982	1/4	11,312	1/4	13,645	1/4		1/4		1/4		1/4	
1/2	2,036	1/2	4,369	1/2	6,698	1/2	9,031	1/2	11,360	1/2	13,693	1/2		1/2		1/2		1/2	
3/4	2,085	3/4	4,418	3/4	6,747	3/4	9,080	3/4	11,409	3/4	13,742	3/4		3/4		3/4		3/4	
11	2,133	11	4,466	11	6,795	11	9,128	11	11,457	11	13,790	11		11		11		11	
1/4	2,182	1/4	4,515	1/4	6,844	1/4	9,177	1/4	11,506	1/4	13,839	1/4		1/4		1/4		1/4	
1/2	2,230	1/2	4,563	1/2	6,893	1/2	9,225	1/2	11,555	1/2	13,888	1/2		1/2		1/2		1/2	
3/4	2,279	3/4	4,612	3/4	6,941	3/4	9,274	3/4	11,603	3/4	13,936	3/4		3/4		3/4		3/4	

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

STRAPPED: 04/16/2018 SW  
 CALCULATED: 04/16/2018 CL  
 VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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