



# BARGE "KIRBY 27721"

## 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	- 01-0/8	01-0/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-0/8	02-0/8
1 STBD	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-0/8	02-0/8
2 PORT	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/2	01-1/2	- 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	- 01-0/8	01-0/8	- 01-1/2	01-1/2	- 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	- 01-4/8	01-4/8	- 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	- 01-1/2	01-1/2	- 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"

April 13, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27721"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	3.59	0	297.84	0	649.30	0	1,014.10	0	1,378.76	0	1,744.65	0	2,110.81	0	2,476.96	0	2,843.11	0	3,209.25
1/4	7.14	1/4	304.95	1/4	656.93	1/4	1,021.67	1/4	1,386.36	1/4	1,752.28	1/4	2,118.44	1/4	2,484.59	1/4	2,850.73	1/4	3,216.88
1/2	10.70	1/2	312.06	1/2	664.55	1/2	1,029.24	1/2	1,393.96	1/2	1,759.91	1/2	2,126.06	1/2	2,492.21	1/2	2,858.36	1/2	3,224.51
3/4	14.26	3/4	319.17	3/4	672.18	3/4	1,036.82	3/4	1,401.56	3/4	1,767.53	3/4	2,133.69	3/4	2,499.84	3/4	2,865.99	3/4	3,232.14
1	17.81	1	326.28	1	679.81	1	1,044.39	1	1,409.16	1	1,775.16	1	2,141.32	1	2,507.47	1	2,873.62	1	3,239.77
1/4	23.32	1/4	333.47	1/4	687.44	1/4	1,051.96	1/4	1,416.77	1/4	1,782.79	1/4	2,148.95	1/4	2,515.10	1/4	2,881.25	1/4	3,247.39
1/2	28.82	1/2	340.65	1/2	695.07	1/2	1,059.53	1/2	1,424.37	1/2	1,790.42	1/2	2,156.58	1/2	2,522.73	1/2	2,888.87	1/2	3,255.02
3/4	34.32	3/4	347.83	3/4	702.70	3/4	1,067.10	3/4	1,431.97	3/4	1,798.05	3/4	2,164.20	3/4	2,530.35	3/4	2,896.50	3/4	3,262.65
2	39.82	2	355.01	2	710.33	2	1,074.67	2	1,439.57	2	1,805.68	2	2,171.83	2	2,537.98	2	2,904.13	2	3,270.28
1/4	45.79	1/4	362.27	1/4	717.95	1/4	1,082.24	1/4	1,447.18	1/4	1,813.30	1/4	2,179.46	1/4	2,545.61	1/4	2,911.76	1/4	3,277.91
1/2	51.76	1/2	369.53	1/2	725.58	1/2	1,089.81	1/2	1,454.80	1/2	1,820.93	1/2	2,187.09	1/2	2,553.24	1/2	2,919.39	1/2	3,285.54
3/4	57.74	3/4	376.79	3/4	733.21	3/4	1,097.38	3/4	1,462.41	3/4	1,828.56	3/4	2,194.72	3/4	2,560.87	3/4	2,927.01	3/4	3,293.16
3	63.71	3	384.05	3	740.84	3	1,104.95	3	1,470.03	3	1,836.19	3	2,202.35	3	2,568.49	3	2,934.64	3	3,300.79
1/4	69.35	1/4	391.41	1/4	748.47	1/4	1,112.53	1/4	1,477.65	1/4	1,843.82	1/4	2,209.97	1/4	2,576.12	1/4	2,942.27	1/4	3,308.42
1/2	75.00	1/2	398.76	1/2	756.10	1/2	1,120.10	1/2	1,485.28	1/2	1,851.45	1/2	2,217.60	1/2	2,583.75	1/2	2,949.90	1/2	3,316.05
3/4	80.64	3/4	406.11	3/4	763.73	3/4	1,127.67	3/4	1,492.91	3/4	1,859.07	3/4	2,225.23	3/4	2,591.38	3/4	2,957.53	3/4	3,323.68
4	86.28	4	413.46	4	771.36	4	1,135.24	4	1,500.54	4	1,866.70	4	2,232.86	4	2,599.01	4	2,965.16	4	3,331.30
1/4	92.02	1/4	420.69	1/4	778.98	1/4	1,142.83	1/4	1,508.17	1/4	1,874.33	1/4	2,240.49	1/4	2,606.63	1/4	2,972.78	1/4	3,338.93
1/2	97.76	1/2	427.92	1/2	786.61	1/2	1,150.42	1/2	1,515.80	1/2	1,881.96	1/2	2,248.11	1/2	2,614.26	1/2	2,980.41	1/2	3,346.56
3/4	103.50	3/4	435.15	3/4	794.24	3/4	1,158.01	3/4	1,523.43	3/4	1,889.59	3/4	2,255.74	3/4	2,621.89	3/4	2,988.04	3/4	3,354.19
5	109.25	5	442.38	5	801.87	5	1,165.59	5	1,531.05	5	1,897.22	5	2,263.37	5	2,629.52	5	2,995.67	5	3,361.82
1/4	115.52	1/4	449.25	1/4	809.48	1/4	1,173.21	1/4	1,538.68	1/4	1,904.85	1/4	2,271.00	1/4	2,637.15	1/4	3,003.30	1/4	3,369.44
1/2	121.79	1/2	456.12	1/2	817.10	1/2	1,180.82	1/2	1,546.31	1/2	1,912.47	1/2	2,278.63	1/2	2,644.78	1/2	3,010.92	1/2	3,377.07
3/4	128.06	3/4	462.99	3/4	824.71	3/4	1,188.44	3/4	1,553.94	3/4	1,920.10	3/4	2,286.25	3/4	2,652.40	3/4	3,018.55	3/4	3,384.70
6	134.33	6	469.87	6	832.33	6	1,196.05	6	1,561.57	6	1,927.73	6	2,293.88	6	2,660.03	6	3,026.18	6	3,392.33
1/4	140.91	1/4	476.80	1/4	839.92	1/4	1,203.68	1/4	1,569.20	1/4	1,935.36	1/4	2,301.51	1/4	2,667.66	1/4	3,033.81	1/4	3,399.96
1/2	147.49	1/2	483.74	1/2	847.50	1/2	1,211.31	1/2	1,576.82	1/2	1,942.99	1/2	2,309.14	1/2	2,675.29	1/2	3,041.44	1/2	3,407.59
3/4	154.07	3/4	490.68	3/4	855.09	3/4	1,218.94	3/4	1,584.45	3/4	1,950.62	3/4	2,316.77	3/4	2,682.92	3/4	3,049.06	3/4	3,415.21
7	160.65	7	497.61	7	862.68	7	1,226.57	7	1,592.08	7	1,958.24	7	2,324.39	7	2,690.54	7	3,056.69	7	3,422.84
1/4	167.32	1/4	505.02	1/4	870.25	1/4	1,234.20	1/4	1,599.71	1/4	1,965.87	1/4	2,332.02	1/4	2,698.17	1/4	3,064.32	1/4	3,430.47
1/2	173.99	1/2	512.42	1/2	877.82	1/2	1,241.82	1/2	1,607.34	1/2	1,973.50	1/2	2,339.65	1/2	2,705.80	1/2	3,071.95	1/2	3,438.10
3/4	180.67	3/4	519.83	3/4	885.40	3/4	1,249.45	3/4	1,614.97	3/4	1,981.13	3/4	2,347.28	3/4	2,713.43	3/4	3,079.58	3/4	3,445.73
8	187.34	8	527.23	8	892.97	8	1,257.08	8	1,622.59	8	1,988.76	8	2,354.91	8	2,721.06	8	3,087.20	8	3,453.35
1/4	194.12	1/4	534.86	1/4	900.54	1/4	1,264.70	1/4	1,630.22	1/4	1,996.39	1/4	2,362.54	1/4	2,728.68	1/4	3,094.83	1/4	3,460.98
1/2	200.89	1/2	542.49	1/2	908.11	1/2	1,272.31	1/2	1,637.85	1/2	2,004.01	1/2	2,370.16	1/2	2,736.31	1/2	3,102.46	1/2	3,468.61
3/4	207.66	3/4	550.12	3/4	915.68	3/4	1,279.93	3/4	1,645.48	3/4	2,011.64	3/4	2,377.79	3/4	2,743.94	3/4	3,110.09	3/4	3,476.24
9	214.43	9	557.75	9	923.25	9	1,287.54	9	1,653.11	9	2,019.27	9	2,385.42	9	2,751.57	9	3,117.72	9	3,483.87
1/4	221.30	1/4	565.38	1/4	930.82	1/4	1,295.15	1/4	1,660.74	1/4	2,026.90	1/4	2,393.05	1/4	2,759.20	1/4	3,125.35	1/4	3,491.49
1/2	228.17	1/2	573.01	1/2	938.39	1/2	1,302.75	1/2	1,668.36	1/2	2,034.53	1/2	2,400.68	1/2	2,766.82	1/2	3,132.97	1/2	3,499.12
3/4	235.03	3/4	580.64	3/4	945.96	3/4	1,310.35	3/4	1,675.99	3/4	2,042.16	3/4	2,408.30	3/4	2,774.45	3/4	3,140.60	3/4	3,506.75
10	241.90	10	588.27	10	953.54	10	1,317.95	10	1,683.62	10	2,049.78	10	2,415.93	10	2,782.08	10	3,148.23	10	3,514.38
1/4	248.85	1/4	595.89	1/4	961.11	1/4	1,325.55	1/4	1,691.25	1/4	2,057.41	1/4	2,423.56	1/4	2,789.71	1/4	3,155.86	1/4	3,522.01
1/2	255.80	1/2	603.52	1/2	968.68	1/2	1,333.15	1/2	1,698.88	1/2	2,065.04	1/2	2,431.19	1/2	2,797.34	1/2	3,163.49	1/2	3,529.63
3/4	262.75	3/4	611.15	3/4	976.25	3/4	1,340.75	3/4	1,706.51	3/4	2,072.67	3/4	2,438.82	3/4	2,804.97	3/4	3,171.11	3/4	3,537.26
11	269.70	11	618.78	11	983.82	11	1,348.36	11	1,714.14	11	2,080.30	11	2,446.44	11	2,812.59	11	3,178.74	11	3,544.89
1/4	276.73	1/4	626.41	1/4	991.39	1/4	1,355.96	1/4	1,721.76	1/4	2,087.92	1/4	2,454.07	1/4	2,820.22	1/4	3,186.37	1/4	3,552.52
1/2	283.77	1/2	634.04	1/2	998.96	1/2	1,363.56	1/2	1,729.39	1/2	2,095.55	1/2	2,461.70	1/2	2,827.85	1/2	3,194.00	1/2	3,560.15
3/4	290.80	3/4	641.67	3/4	1,006.53	3/4	1,371.16	3/4	1,737.02	3/4	2,103.18	3/4	2,469.33	3/4	2,835.48	3/4	3,201.63	3/4	3,567.78

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'-09" OFF CENTERLINE AND 50'-09" FORWARD OF AFT BULKHEAD.

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 27721"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 3/4"

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	
0	3,575.40	0	3,940.42	0	4,289.07	0	4,612.66	0		0		0		0		0		0	
1/4	3,583.03	1/4	3,947.88	1/4	4,296.04	1/4	4,619.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,590.66	1/2	3,955.35	1/2	4,303.00	1/2	4,625.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,598.29	3/4	3,962.81	3/4	4,309.96	3/4	4,632.17	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,605.92	1	3,970.28	1	4,316.92	1	4,638.67	1		1		1		1		1		1	
1/4	3,613.54	1/4	3,977.70	1/4	4,323.83	1/4	4,645.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,621.17	1/2	3,985.13	1/2	4,330.73	1/2	4,651.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,628.80	3/4	3,992.56	3/4	4,337.64	3/4	4,658.07	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,636.43	2	3,999.99	2	4,344.54	2	4,664.53	2		2		2		2		2		2	
1/4	3,644.06	1/4	4,007.38	1/4	4,351.41	1/4	4,671.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,651.68	1/2	4,014.77	1/2	4,358.27	1/2	4,677.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,659.31	3/4	4,022.16	3/4	4,365.14	3/4	4,684.68	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,666.94	3	4,029.55	3	4,372.01	3	4,691.40	3		3		3		3		3		3	
1/4	3,674.57	1/4	4,036.90	1/4	4,378.83	1/4	4,698.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,682.20	1/2	4,044.26	1/2	4,385.66	1/2	4,705.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,689.82	3/4	4,051.61	3/4	4,392.49	3/4	4,713.19	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,697.45	4	4,058.97	4	4,399.32	4	4,720.46	4		4		4		4		4		4	
1/4	3,705.08	1/4	4,066.29	1/4	4,406.11	1/4	4,728.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.71	1/2	4,073.61	1/2	4,412.91	1/2	4,735.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.34	3/4	4,080.93	3/4	4,419.70	3/4	4,743.09	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,727.97	5	4,088.25	5	4,426.49	5	4,750.63	5		5		5		5		5		5	
1/4	3,735.59	1/4	4,095.54	1/4	4,433.24	1/4	4,758.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,743.22	1/2	4,102.83	1/2	4,440.00	1/2	4,765.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,750.85	3/4	4,110.12	3/4	4,446.75	3/4	4,773.03	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,758.48	6	4,117.40	6	4,453.51	6	4,780.49	6		6		6		6		6		6	
1/4	3,766.11	1/4	4,124.65	1/4	4,460.23	1/4	4,787.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.73	1/2	4,131.90	1/2	4,466.95	1/2	4,794.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.36	3/4	4,139.15	3/4	4,473.67	3/4	4,800.98	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,788.99	7	4,146.40	7	4,480.39	7	4,807.81	7		7		7		7		7		7	
1/4	3,796.62	1/4	4,153.61	1/4	4,487.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.25	1/2	4,160.83	1/2	4,493.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,811.88	3/4	4,168.04	3/4	4,500.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,819.51	8	4,175.25	8	4,507.13	8		8		8		8		8		8		8	
1/4	3,827.12	1/4	4,182.43	1/4	4,513.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.73	1/2	4,189.60	1/2	4,520.44	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.34	3/4	4,196.78	3/4	4,527.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,849.94	9	4,203.95	9	4,533.74	9		9		9		9		9		9		9	
1/4	3,857.52	1/4	4,211.09	1/4	4,540.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,865.10	1/2	4,218.23	1/2	4,546.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,872.67	3/4	4,225.37	3/4	4,553.58	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,880.25	10	4,232.50	10	4,560.20	10		10		10		10		10		10		10	
1/4	3,887.79	1/4	4,239.60	1/4	4,566.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,895.33	1/2	4,246.71	1/2	4,573.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,902.87	3/4	4,253.81	3/4	4,579.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,910.41	11	4,260.91	11	4,586.51	11		11		11		11		11		11		11	
1/4	3,917.91	1/4	4,267.95	1/4	4,593.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,925.41	1/2	4,274.99	1/2	4,599.58	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,932.91	3/4	4,282.03	3/4	4,606.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/23/2004 PMA  
RECALCULATED: 04/15/2020 SW  
REPRINTED: 04/16/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2020

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



# BARGE "KIRBY 27721"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	3.59	0	297.84	0	649.30	0	1,014.86	0	1,380.15	0	1,746.04	0	2,112.20	0	2,478.35	0	2,844.50	0	3,210.65
1/4	7.14	1/4	304.95	1/4	656.93	1/4	1,022.46	1/4	1,387.76	1/4	1,753.67	1/4	2,119.83	1/4	2,485.98	1/4	2,852.13	1/4	3,218.28
1/2	10.70	1/2	312.06	1/2	664.55	1/2	1,030.06	1/2	1,395.36	1/2	1,761.30	1/2	2,127.46	1/2	2,493.61	1/2	2,859.76	1/2	3,225.90
3/4	14.26	3/4	319.17	3/4	672.18	3/4	1,037.66	3/4	1,402.96	3/4	1,768.93	3/4	2,135.09	3/4	2,501.23	3/4	2,867.38	3/4	3,233.53
1	17.81	1	326.28	1	679.81	1	1,045.26	1	1,410.56	1	1,776.56	1	2,142.71	1	2,508.86	1	2,875.01	1	3,241.16
1/4	23.32	1/4	333.47	1/4	687.44	1/4	1,052.86	1/4	1,418.16	1/4	1,784.18	1/4	2,150.34	1/4	2,516.49	1/4	2,882.64	1/4	3,248.79
1/2	28.82	1/2	340.65	1/2	695.07	1/2	1,060.46	1/2	1,425.76	1/2	1,791.81	1/2	2,157.97	1/2	2,524.12	1/2	2,890.27	1/2	3,256.42
3/4	34.32	3/4	347.83	3/4	702.70	3/4	1,068.06	3/4	1,433.36	3/4	1,799.44	3/4	2,165.60	3/4	2,531.75	3/4	2,897.90	3/4	3,264.04
2	39.82	2	355.01	2	710.33	2	1,075.66	2	1,440.96	2	1,807.07	2	2,173.23	2	2,539.38	2	2,905.52	2	3,271.67
1/4	45.79	1/4	362.27	1/4	717.95	1/4	1,083.26	1/4	1,448.58	1/4	1,814.70	1/4	2,180.85	1/4	2,547.00	1/4	2,913.15	1/4	3,279.30
1/2	51.76	1/2	369.53	1/2	725.58	1/2	1,090.86	1/2	1,456.19	1/2	1,822.33	1/2	2,188.48	1/2	2,554.63	1/2	2,920.78	1/2	3,286.93
3/4	57.74	3/4	376.79	3/4	733.21	3/4	1,098.46	3/4	1,463.81	3/4	1,829.95	3/4	2,196.11	3/4	2,562.26	3/4	2,928.41	3/4	3,294.56
3	63.71	3	384.05	3	740.84	3	1,106.06	3	1,471.42	3	1,837.58	3	2,203.74	3	2,569.89	3	2,935.04	3	3,302.19
1/4	69.35	1/4	391.41	1/4	748.47	1/4	1,113.66	1/4	1,479.05	1/4	1,845.21	1/4	2,211.37	1/4	2,577.52	1/4	2,943.66	1/4	3,309.81
1/2	75.00	1/2	398.76	1/2	756.10	1/2	1,121.26	1/2	1,486.68	1/2	1,852.84	1/2	2,219.00	1/2	2,585.14	1/2	2,951.29	1/2	3,317.44
3/4	80.64	3/4	406.11	3/4	763.73	3/4	1,128.86	3/4	1,494.31	3/4	1,860.47	3/4	2,226.62	3/4	2,592.77	3/4	2,958.92	3/4	3,325.07
4	86.28	4	413.46	4	771.36	4	1,136.46	4	1,501.93	4	1,868.10	4	2,234.25	4	2,600.40	4	2,966.55	4	3,332.70
1/4	92.02	1/4	420.69	1/4	778.98	1/4	1,144.08	1/4	1,509.56	1/4	1,875.73	1/4	2,241.88	1/4	2,608.03	1/4	2,974.18	1/4	3,340.33
1/2	97.76	1/2	427.92	1/2	786.61	1/2	1,151.70	1/2	1,517.19	1/2	1,883.35	1/2	2,249.51	1/2	2,615.66	1/2	2,981.81	1/2	3,347.95
3/4	103.50	3/4	435.15	3/4	794.24	3/4	1,159.31	3/4	1,524.82	3/4	1,890.98	3/4	2,257.14	3/4	2,623.28	3/4	2,989.43	3/4	3,355.58
5	109.25	5	442.38	5	801.87	5	1,166.93	5	1,532.45	5	1,898.61	5	2,264.76	5	2,630.91	5	2,997.06	5	3,363.21
1/4	115.52	1/4	449.25	1/4	809.50	1/4	1,174.56	1/4	1,540.08	1/4	1,906.24	1/4	2,272.39	1/4	2,638.54	1/4	3,004.69	1/4	3,370.84
1/2	121.79	1/2	456.12	1/2	817.13	1/2	1,182.19	1/2	1,547.70	1/2	1,913.87	1/2	2,280.02	1/2	2,646.17	1/2	3,012.32	1/2	3,378.47
3/4	128.06	3/4	462.99	3/4	824.76	3/4	1,189.82	3/4	1,555.33	3/4	1,921.50	3/4	2,287.65	3/4	2,653.80	3/4	3,019.95	3/4	3,386.09
6	134.33	6	469.87	6	832.39	6	1,197.44	6	1,562.96	6	1,929.12	6	2,295.28	6	2,661.42	6	3,027.57	6	3,393.72
1/4	140.91	1/4	476.80	1/4	840.00	1/4	1,205.07	1/4	1,570.59	1/4	1,936.75	1/4	2,302.90	1/4	2,669.05	1/4	3,035.20	1/4	3,401.35
1/2	147.49	1/2	483.74	1/2	847.62	1/2	1,212.70	1/2	1,578.22	1/2	1,944.38	1/2	2,310.53	1/2	2,676.68	1/2	3,042.83	1/2	3,408.98
3/4	154.07	3/4	490.68	3/4	855.24	3/4	1,220.33	3/4	1,585.85	3/4	1,952.01	3/4	2,318.16	3/4	2,684.31	3/4	3,050.46	3/4	3,416.61
7	160.65	7	497.61	7	862.85	7	1,227.96	7	1,593.47	7	1,959.64	7	2,325.79	7	2,691.94	7	3,058.09	7	3,424.23
1/4	167.32	1/4	505.02	1/4	870.45	1/4	1,235.59	1/4	1,601.10	1/4	1,967.27	1/4	2,333.42	1/4	2,699.57	1/4	3,065.71	1/4	3,431.86
1/2	173.99	1/2	512.42	1/2	878.06	1/2	1,243.22	1/2	1,608.73	1/2	1,974.89	1/2	2,341.04	1/2	2,707.19	1/2	3,073.34	1/2	3,439.49
3/4	180.67	3/4	519.83	3/4	885.66	3/4	1,250.85	3/4	1,616.36	3/4	1,982.52	3/4	2,348.67	3/4	2,714.82	3/4	3,080.97	3/4	3,447.12
8	187.34	8	527.23	8	893.26	8	1,258.48	8	1,623.99	8	1,990.15	8	2,356.30	8	2,722.45	8	3,088.60	8	3,454.75
1/4	194.12	1/4	534.86	1/4	900.86	1/4	1,266.09	1/4	1,631.62	1/4	1,997.78	1/4	2,363.93	1/4	2,730.08	1/4	3,096.23	1/4	3,462.38
1/2	200.89	1/2	542.49	1/2	908.46	1/2	1,273.71	1/2	1,639.24	1/2	2,005.41	1/2	2,371.56	1/2	2,737.71	1/2	3,103.85	1/2	3,470.00
3/4	207.66	3/4	550.12	3/4	916.06	3/4	1,281.32	3/4	1,646.87	3/4	2,013.04	3/4	2,379.19	3/4	2,745.33	3/4	3,111.48	3/4	3,477.63
9	214.43	9	557.75	9	923.66	9	1,288.94	9	1,654.50	9	2,020.66	9	2,386.81	9	2,752.96	9	3,119.11	9	3,485.26
1/4	221.30	1/4	565.38	1/4	931.26	1/4	1,296.54	1/4	1,662.13	1/4	2,028.29	1/4	2,394.44	1/4	2,760.59	1/4	3,126.74	1/4	3,492.89
1/2	228.17	1/2	573.01	1/2	938.86	1/2	1,304.14	1/2	1,669.76	1/2	2,035.92	1/2	2,402.07	1/2	2,768.22	1/2	3,134.37	1/2	3,500.52
3/4	235.03	3/4	580.64	3/4	946.46	3/4	1,311.74	3/4	1,677.39	3/4	2,043.55	3/4	2,409.70	3/4	2,775.85	3/4	3,142.00	3/4	3,508.14
10	241.90	10	588.27	10	954.06	10	1,319.34	10	1,685.02	10	2,051.18	10	2,417.33	10	2,783.47	10	3,149.62	10	3,515.77
1/4	248.85	1/4	595.89	1/4	961.66	1/4	1,326.95	1/4	1,692.64	1/4	2,058.81	1/4	2,424.95	1/4	2,791.10	1/4	3,157.25	1/4	3,523.40
1/2	255.80	1/2	603.52	1/2	969.26	1/2	1,334.55	1/2	1,700.27	1/2	2,066.43	1/2	2,432.58	1/2	2,798.73	1/2	3,164.88	1/2	3,531.03
3/4	262.75	3/4	611.15	3/4	976.86	3/4	1,342.15	3/4	1,707.90	3/4	2,074.06	3/4	2,440.21	3/4	2,806.36	3/4	3,172.51	3/4	3,538.66
11	269.70	11	618.78	11	984.46	11	1,349.75	11	1,715.53	11	2,081.69	11	2,447.84	11	2,813.99	11	3,180.14	11	3,546.28
1/4	276.73	1/4	626.41	1/4	992.06	1/4	1,357.35	1/4	1,723.16	1/4	2,089.32	1/4	2,455.47	1/4	2,821.61	1/4	3,187.76	1/4	3,553.91
1/2	283.77	1/2	634.04	1/2	999.66	1/2	1,364.95	1/2	1,730.79	1/2	2,096.95	1/2	2,463.09	1/2	2,829.24	1/2	3,195.39	1/2	3,561.54
3/4	290.80	3/4	641.67	3/4	1,007.26	3/4	1,372.55	3/4	1,738.41	3/4	2,104.57	3/4	2,470.72	3/4	2,836.87	3/4	3,203.02	3/4	3,569.17

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'-09" OFF CENTERLINE AND 50'-09" FORWARD OF AFT BULKHEAD.

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 27721"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

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	3,576.80	0	3,941.81	0	4,290.47	0	4,614.06	0		0		0		0		0		0		0	
1/4	3,584.42	1/4	3,949.28	1/4	4,297.43	1/4	4,620.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,592.05	1/2	3,956.74	1/2	4,304.39	1/2	4,627.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,599.68	3/4	3,964.20	3/4	4,311.35	3/4	4,633.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,607.31	1	3,971.67	1	4,318.32	1	4,640.07	1		1		1		1		1		1		1	
1/4	3,614.94	1/4	3,979.10	1/4	4,325.22	1/4	4,646.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,622.57	1/2	3,986.52	1/2	4,332.12	1/2	4,653.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,630.19	3/4	3,993.95	3/4	4,339.03	3/4	4,659.46	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,637.82	2	4,001.38	2	4,345.93	2	4,665.93	2		2		2		2		2		2		2	
1/4	3,645.45	1/4	4,008.77	1/4	4,352.80	1/4	4,672.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,653.08	1/2	4,016.16	1/2	4,359.67	1/2	4,679.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,660.71	3/4	4,023.55	3/4	4,366.53	3/4	4,686.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,668.33	3	4,030.94	3	4,373.40	3	4,692.79	3		3		3		3		3		3		3	
1/4	3,675.96	1/4	4,038.29	1/4	4,380.23	1/4	4,700.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,683.59	1/2	4,045.65	1/2	4,387.06	1/2	4,707.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,691.22	3/4	4,053.00	3/4	4,393.89	3/4	4,714.58	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,698.85	4	4,060.36	4	4,400.72	4	4,721.85	4		4		4		4		4		4		4	
1/4	3,706.47	1/4	4,067.68	1/4	4,407.51	1/4	4,729.39	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,714.10	1/2	4,075.00	1/2	4,414.30	1/2	4,736.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,721.73	3/4	4,082.33	3/4	4,421.09	3/4	4,744.48	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,729.36	5	4,089.65	5	4,427.88	5	4,752.02	5		5		5		5		5		5		5	
1/4	3,736.99	1/4	4,096.93	1/4	4,434.64	1/4	4,759.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,744.62	1/2	4,104.22	1/2	4,441.39	1/2	4,766.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.24	3/4	4,111.51	3/4	4,448.15	3/4	4,774.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,759.87	6	4,118.80	6	4,454.90	6	4,781.88	6		6		6		6		6		6		6	
1/4	3,767.50	1/4	4,126.05	1/4	4,461.62	1/4	4,788.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.13	1/2	4,133.30	1/2	4,468.34	1/2	4,795.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,782.76	3/4	4,140.55	3/4	4,475.06	3/4	4,802.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,790.38	7	4,147.80	7	4,481.78	7	4,809.20	7		7		7		7		7		7		7	
1/4	3,798.01	1/4	4,155.01	1/4	4,488.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,805.64	1/2	4,162.22	1/2	4,495.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,813.27	3/4	4,169.43	3/4	4,501.84	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,820.90	8	4,176.65	8	4,508.53	8		8		8		8		8		8		8		8	
1/4	3,828.51	1/4	4,183.82	1/4	4,515.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.12	1/2	4,191.00	1/2	4,521.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.73	3/4	4,198.17	3/4	4,528.48	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,851.34	9	4,205.35	9	4,535.13	9		9		9		9		9		9		9		9	
1/4	3,858.91	1/4	4,212.48	1/4	4,541.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.49	1/2	4,219.62	1/2	4,548.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,874.07	3/4	4,226.76	3/4	4,554.98	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,881.64	10	4,233.90	10	4,561.59	10		10		10		10		10		10		10		10	
1/4	3,889.18	1/4	4,241.00	1/4	4,568.17	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,896.72	1/2	4,248.10	1/2	4,574.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,904.26	3/4	4,255.20	3/4	4,581.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,911.80	11	4,262.30	11	4,587.90	11		11		11		11		11		11		11		11	
1/4	3,919.30	1/4	4,269.34	1/4	4,594.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,926.81	1/2	4,276.38	1/2	4,600.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,934.31	3/4	4,283.43	3/4	4,607.52	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: 11/23/2004 PMA  
RECALCULATED: 04/15/2020 SW  
REPRINTED: 04/16/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2020

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



# BARGE "KIRBY 27721"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	13.24	0	355.91	0	712.06	0	1,066.06	0	1,420.98	0	1,782.36	0	2,146.00	0	2,509.63	0	2,873.26	0	3,236.90
1/4	18.29	1/4	363.48	1/4	719.63	1/4	1,073.31	1/4	1,428.39	1/4	1,789.93	1/4	2,153.57	1/4	2,517.21	1/4	2,880.84	1/4	3,244.47
1/2	23.34	1/2	371.05	1/2	727.21	1/2	1,080.56	1/2	1,435.81	1/2	1,797.51	1/2	2,161.15	1/2	2,524.78	1/2	2,888.41	1/2	3,252.05
3/4	28.39	3/4	378.62	3/4	734.79	3/4	1,087.80	3/4	1,443.22	3/4	1,805.09	3/4	2,168.72	3/4	2,532.36	3/4	2,895.99	3/4	3,259.62
1	33.43	1	386.19	1	742.36	1	1,095.05	1	1,450.64	1	1,812.66	1	2,176.30	1	2,539.93	1	2,903.57	1	3,267.20
1/4	40.33	1/4	393.74	1/4	749.94	1/4	1,102.29	1/4	1,458.05	1/4	1,820.24	1/4	2,183.87	1/4	2,547.51	1/4	2,911.14	1/4	3,274.78
1/2	47.22	1/2	401.29	1/2	757.52	1/2	1,109.54	1/2	1,465.46	1/2	1,827.81	1/2	2,191.45	1/2	2,555.08	1/2	2,918.72	1/2	3,282.35
3/4	54.12	3/4	408.85	3/4	765.09	3/4	1,116.79	3/4	1,472.88	3/4	1,835.39	3/4	2,199.03	3/4	2,562.66	3/4	2,926.29	3/4	3,289.93
2	61.01	2	416.40	2	772.67	2	1,124.03	2	1,480.29	2	1,842.97	2	2,206.60	2	2,570.24	2	2,933.87	2	3,297.50
1/4	68.29	1/4	423.95	1/4	780.25	1/4	1,131.28	1/4	1,487.71	1/4	1,850.54	1/4	2,214.18	1/4	2,577.81	1/4	2,941.44	1/4	3,305.08
1/2	75.56	1/2	431.49	1/2	787.82	1/2	1,138.53	1/2	1,495.12	1/2	1,858.12	1/2	2,221.75	1/2	2,585.39	1/2	2,949.02	1/2	3,312.65
3/4	82.84	3/4	439.04	3/4	795.40	3/4	1,145.77	3/4	1,502.53	3/4	1,865.69	3/4	2,229.33	3/4	2,592.96	3/4	2,956.60	3/4	3,320.23
3	90.12	3	446.59	3	802.97	3	1,153.02	3	1,509.95	3	1,873.27	3	2,236.90	3	2,600.54	3	2,964.17	3	3,327.81
1/4	96.98	1/4	454.14	1/4	810.55	1/4	1,160.27	1/4	1,517.44	1/4	1,880.85	1/4	2,244.48	1/4	2,608.11	1/4	2,971.75	1/4	3,335.38
1/2	103.84	1/2	461.69	1/2	818.13	1/2	1,167.51	1/2	1,524.94	1/2	1,888.42	1/2	2,252.06	1/2	2,615.69	1/2	2,979.32	1/2	3,342.96
3/4	110.70	3/4	469.25	3/4	825.70	3/4	1,174.76	3/4	1,532.43	3/4	1,896.00	3/4	2,259.63	3/4	2,623.27	3/4	2,986.90	3/4	3,350.53
4	117.57	4	476.80	4	833.28	4	1,182.01	4	1,539.93	4	1,903.57	4	2,267.21	4	2,630.84	4	2,994.47	4	3,358.11
1/4	124.44	1/4	484.15	1/4	840.70	1/4	1,189.27	1/4	1,547.50	1/4	1,911.15	1/4	2,274.78	1/4	2,638.42	1/4	3,002.05	1/4	3,365.68
1/2	131.32	1/2	491.49	1/2	848.13	1/2	1,196.53	1/2	1,555.08	1/2	1,918.73	1/2	2,282.36	1/2	2,645.99	1/2	3,009.63	1/2	3,373.26
3/4	138.19	3/4	498.84	3/4	855.56	3/4	1,203.80	3/4	1,562.65	3/4	1,926.30	3/4	2,289.93	3/4	2,653.57	3/4	3,017.20	3/4	3,380.84
5	145.06	5	506.18	5	862.98	5	1,211.06	5	1,570.23	5	1,933.88	5	2,297.51	5	2,661.14	5	3,024.78	5	3,388.41
1/4	152.38	1/4	513.09	1/4	870.26	1/4	1,218.49	1/4	1,577.81	1/4	1,941.45	1/4	2,305.09	1/4	2,668.72	1/4	3,032.35	1/4	3,395.99
1/2	159.70	1/2	519.99	1/2	877.53	1/2	1,225.91	1/2	1,585.38	1/2	1,949.03	1/2	2,312.66	1/2	2,676.30	1/2	3,039.93	1/2	3,403.56
3/4	167.03	3/4	526.90	3/4	884.81	3/4	1,233.34	3/4	1,592.96	3/4	1,956.61	3/4	2,320.24	3/4	2,683.87	3/4	3,047.50	3/4	3,411.14
6	174.35	6	533.80	6	892.08	6	1,240.76	6	1,600.53	6	1,964.18	6	2,327.81	6	2,691.45	6	3,055.08	6	3,418.71
1/4	181.89	1/4	540.71	1/4	899.34	1/4	1,248.34	1/4	1,608.11	1/4	1,971.76	1/4	2,335.39	1/4	2,699.02	1/4	3,062.66	1/4	3,426.29
1/2	189.43	1/2	547.61	1/2	906.61	1/2	1,255.92	1/2	1,615.69	1/2	1,979.33	1/2	2,342.96	1/2	2,706.60	1/2	3,070.23	1/2	3,433.87
3/4	196.98	3/4	554.52	3/4	913.87	3/4	1,263.49	3/4	1,623.26	3/4	1,986.91	3/4	2,350.54	3/4	2,714.17	3/4	3,077.81	3/4	3,441.44
7	204.52	7	561.42	7	921.13	7	1,271.07	7	1,630.84	7	1,994.49	7	2,358.12	7	2,721.75	7	3,085.38	7	3,449.02
1/4	212.07	1/4	568.78	1/4	928.38	1/4	1,278.65	1/4	1,638.41	1/4	2,002.06	1/4	2,365.69	1/4	2,729.33	1/4	3,092.96	1/4	3,456.59
1/2	219.63	1/2	576.13	1/2	935.63	1/2	1,286.22	1/2	1,645.99	1/2	2,009.64	1/2	2,373.27	1/2	2,736.90	1/2	3,100.53	1/2	3,464.17
3/4	227.18	3/4	583.48	3/4	942.88	3/4	1,293.80	3/4	1,653.57	3/4	2,017.21	3/4	2,380.84	3/4	2,744.48	3/4	3,108.11	3/4	3,471.74
8	234.73	8	590.83	8	950.12	8	1,301.38	8	1,661.14	8	2,024.79	8	2,388.42	8	2,752.05	8	3,115.69	8	3,479.32
1/4	242.30	1/4	598.41	1/4	957.37	1/4	1,308.95	1/4	1,668.72	1/4	2,032.36	1/4	2,395.99	1/4	2,759.63	1/4	3,123.26	1/4	3,486.90
1/2	249.87	1/2	605.99	1/2	964.62	1/2	1,316.53	1/2	1,676.29	1/2	2,039.94	1/2	2,403.57	1/2	2,767.20	1/2	3,130.84	1/2	3,494.47
3/4	257.44	3/4	613.56	3/4	971.86	3/4	1,324.11	3/4	1,683.87	3/4	2,047.51	3/4	2,411.15	3/4	2,774.78	3/4	3,138.41	3/4	3,502.05
9	265.01	9	621.14	9	979.11	9	1,331.68	9	1,691.45	9	2,055.09	9	2,418.72	9	2,782.36	9	3,145.99	9	3,509.62
1/4	272.58	1/4	628.72	1/4	986.35	1/4	1,339.18	1/4	1,699.02	1/4	2,062.66	1/4	2,426.30	1/4	2,789.93	1/4	3,153.56	1/4	3,517.20
1/2	280.16	1/2	636.29	1/2	993.60	1/2	1,346.67	1/2	1,706.60	1/2	2,070.24	1/2	2,433.87	1/2	2,797.51	1/2	3,161.14	1/2	3,524.77
3/4	287.73	3/4	643.87	3/4	1,000.85	3/4	1,354.17	3/4	1,714.17	3/4	2,077.82	3/4	2,441.45	3/4	2,805.08	3/4	3,168.72	3/4	3,532.35
10	295.31	10	651.45	10	1,008.09	10	1,361.66	10	1,721.75	10	2,085.39	10	2,449.02	10	2,812.66	10	3,176.29	10	3,539.93
1/4	302.88	1/4	659.02	1/4	1,015.34	1/4	1,369.08	1/4	1,729.33	1/4	2,092.97	1/4	2,456.60	1/4	2,820.23	1/4	3,183.87	1/4	3,547.50
1/2	310.46	1/2	666.60	1/2	1,022.59	1/2	1,376.49	1/2	1,736.90	1/2	2,100.54	1/2	2,464.18	1/2	2,827.81	1/2	3,191.44	1/2	3,555.08
3/4	318.04	3/4	674.18	3/4	1,029.83	3/4	1,383.91	3/4	1,744.48	3/4	2,108.12	3/4	2,471.75	3/4	2,835.38	3/4	3,199.02	3/4	3,562.65
11	325.61	11	681.75	11	1,037.08	11	1,391.32	11	1,752.05	11	2,115.69	11	2,479.33	11	2,842.96	11	3,206.59	11	3,570.23
1/4	333.19	1/4	689.33	1/4	1,044.32	1/4	1,398.74	1/4	1,759.63	1/4	2,123.27	1/4	2,486.90	1/4	2,850.54	1/4	3,214.17	1/4	3,577.80
1/2	340.76	1/2	696.91	1/2	1,051.57	1/2	1,406.15	1/2	1,767.21	1/2	2,130.84	1/2	2,494.48	1/2	2,858.11	1/2	3,221.75	1/2	3,585.38
3/4	348.34	3/4	704.48	3/4	1,058.82	3/4	1,413.57	3/4	1,774.78	3/4	2,138.42	3/4	2,502.05	3/4	2,865.69	3/4	3,229.32	3/4	3,592.95

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'-09" OFF CENTERLINE AND 50'-09" 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 27721"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,600.53	0	3,963.01	0	4,309.27	0	4,630.61	0		0		0		0		0		0	
1/4	3,608.11	1/4	3,970.43	1/4	4,316.18	1/4	4,637.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,615.68	1/2	3,977.84	1/2	4,323.10	1/2	4,643.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.26	3/4	3,985.25	3/4	4,330.01	3/4	4,649.98	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,630.83	1	3,992.67	1	4,336.93	1	4,656.43	1		1		1		1		1		1	
1/4	3,638.41	1/4	4,000.04	1/4	4,343.78	1/4	4,662.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,645.98	1/2	4,007.42	1/2	4,350.64	1/2	4,669.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,653.56	3/4	4,014.80	3/4	4,357.49	3/4	4,675.69	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,661.14	2	4,022.17	2	4,364.35	2	4,682.11	2		2		2		2		2		2	
1/4	3,668.71	1/4	4,029.51	1/4	4,371.17	1/4	4,688.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,676.29	1/2	4,036.85	1/2	4,377.99	1/2	4,695.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,683.86	3/4	4,044.19	3/4	4,384.81	3/4	4,702.12	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,691.44	3	4,051.53	3	4,391.63	3	4,708.79	3		3		3		3		3		3	
1/4	3,699.01	1/4	4,058.83	1/4	4,398.41	1/4	4,716.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,706.59	1/2	4,066.14	1/2	4,405.19	1/2	4,723.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,714.17	3/4	4,073.44	3/4	4,411.97	3/4	4,730.43	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,721.74	4	4,080.75	4	4,418.75	4	4,737.65	4		4		4		4		4		4	
1/4	3,729.32	1/4	4,088.02	1/4	4,425.50	1/4	4,745.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,736.89	1/2	4,095.29	1/2	4,432.24	1/2	4,752.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,744.47	3/4	4,102.56	3/4	4,438.98	3/4	4,760.12	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,752.04	5	4,109.83	5	4,445.73	5	4,767.61	5		5		5		5		5		5	
1/4	3,759.62	1/4	4,117.07	1/4	4,452.44	1/4	4,775.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,767.20	1/2	4,124.31	1/2	4,459.14	1/2	4,782.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,774.77	3/4	4,131.54	3/4	4,465.85	3/4	4,789.85	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,782.35	6	4,138.78	6	4,472.56	6	4,797.26	6		6		6		6		6		6	
1/4	3,789.92	1/4	4,145.98	1/4	4,479.23	1/4	4,804.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,797.50	1/2	4,153.18	1/2	4,485.90	1/2	4,810.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,805.07	3/4	4,160.38	3/4	4,492.58	3/4	4,817.60	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,812.65	7	4,167.58	7	4,499.25	7	4,824.39	7		7		7		7		7		7	
1/4	3,820.22	1/4	4,174.74	1/4	4,505.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,827.79	1/2	4,181.91	1/2	4,512.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.37	3/4	4,189.07	3/4	4,519.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,842.94	8	4,196.23	8	4,525.81	8		8		8		8		8		8		8	
1/4	3,850.50	1/4	4,203.36	1/4	4,532.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.05	1/2	4,210.48	1/2	4,539.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,865.61	3/4	4,217.61	3/4	4,545.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,873.16	9	4,224.74	9	4,552.23	9		9		9		9		9		9		9	
1/4	3,880.69	1/4	4,231.82	1/4	4,558.80	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,888.21	1/2	4,238.91	1/2	4,565.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,895.74	3/4	4,246.00	3/4	4,571.94	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,903.26	10	4,253.09	10	4,578.51	10		10		10		10		10		10		10	
1/4	3,910.75	1/4	4,260.14	1/4	4,585.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,918.24	1/2	4,267.19	1/2	4,591.57	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,925.72	3/4	4,274.25	3/4	4,598.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,933.21	11	4,281.30	11	4,604.63	11		11		11		11		11		11		11	
1/4	3,940.66	1/4	4,288.29	1/4	4,611.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,948.11	1/2	4,295.28	1/2	4,617.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,955.56	3/4	4,302.28	3/4	4,624.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/23/2004 PMA  
 RECALCULATED: 04/15/2020 SW  
 REPRINTED: 04/16/2020 SW

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 04/2020

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



# BARGE "KIRBY 27721"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	13.24	0	355.83	0	711.89	0	1,074.84	0	1,436.30	0	1,797.59	0	2,161.14	0	2,524.69	0	2,888.24	0	3,251.78
1/4	18.29	1/4	363.39	1/4	719.46	1/4	1,082.39	1/4	1,443.71	1/4	1,805.17	1/4	2,168.72	1/4	2,532.26	1/4	2,895.81	1/4	3,259.36
1/2	23.33	1/2	370.96	1/2	727.04	1/2	1,089.93	1/2	1,451.12	1/2	1,812.74	1/2	2,176.29	1/2	2,539.84	1/2	2,903.39	1/2	3,266.93
3/4	28.38	3/4	378.53	3/4	734.61	3/4	1,097.48	3/4	1,458.54	3/4	1,820.31	3/4	2,183.86	3/4	2,547.41	3/4	2,910.96	3/4	3,274.51
1	33.43	1	386.09	1	742.19	1	1,105.03	1	1,465.95	1	1,827.89	1	2,191.44	1	2,554.99	1	2,918.53	1	3,282.08
1/4	40.32	1/4	393.65	1/4	749.76	1/4	1,112.57	1/4	1,473.36	1/4	1,835.46	1/4	2,199.01	1/4	2,562.56	1/4	2,926.11	1/4	3,289.65
1/2	47.21	1/2	401.20	1/2	757.34	1/2	1,120.12	1/2	1,480.77	1/2	1,843.04	1/2	2,206.59	1/2	2,570.13	1/2	2,933.68	1/2	3,297.23
3/4	54.10	3/4	408.75	3/4	764.91	3/4	1,127.66	3/4	1,488.18	3/4	1,850.61	3/4	2,214.16	3/4	2,577.71	3/4	2,941.25	3/4	3,304.80
2	61.00	2	416.30	2	772.48	2	1,135.21	2	1,495.60	2	1,858.19	2	2,221.73	2	2,585.28	2	2,948.83	2	3,312.38
1/4	68.27	1/4	423.85	1/4	780.06	1/4	1,142.75	1/4	1,503.01	1/4	1,865.76	1/4	2,229.31	1/4	2,592.86	1/4	2,956.40	1/4	3,319.95
1/2	75.55	1/2	431.39	1/2	787.63	1/2	1,150.30	1/2	1,510.42	1/2	1,873.33	1/2	2,236.88	1/2	2,600.43	1/2	2,963.98	1/2	3,327.52
3/4	82.82	3/4	438.94	3/4	795.21	3/4	1,157.84	3/4	1,517.83	3/4	1,880.91	3/4	2,244.46	3/4	2,608.00	3/4	2,971.55	3/4	3,335.10
3	90.10	3	446.48	3	802.78	3	1,165.39	3	1,525.24	3	1,888.48	3	2,252.03	3	2,615.58	3	2,979.12	3	3,342.67
1/4	96.96	1/4	454.03	1/4	810.36	1/4	1,172.94	1/4	1,532.74	1/4	1,896.06	1/4	2,259.60	1/4	2,623.15	1/4	2,986.70	1/4	3,350.25
1/2	103.82	1/2	461.58	1/2	817.93	1/2	1,180.48	1/2	1,540.23	1/2	1,903.63	1/2	2,267.18	1/2	2,630.72	1/2	2,994.27	1/2	3,357.82
3/4	110.68	3/4	469.14	3/4	825.51	3/4	1,188.03	3/4	1,547.72	3/4	1,911.21	3/4	2,274.75	3/4	2,638.30	3/4	3,001.85	3/4	3,365.39
4	117.54	4	476.69	4	833.08	4	1,195.58	4	1,555.22	4	1,918.78	4	2,282.33	4	2,645.87	4	3,009.42	4	3,372.97
1/4	124.41	1/4	484.03	1/4	840.66	1/4	1,203.14	1/4	1,562.79	1/4	1,926.35	1/4	2,289.90	1/4	2,653.45	1/4	3,016.99	1/4	3,380.54
1/2	131.28	1/2	491.38	1/2	848.23	1/2	1,210.70	1/2	1,570.37	1/2	1,933.93	1/2	2,297.47	1/2	2,661.02	1/2	3,024.57	1/2	3,388.11
3/4	138.16	3/4	498.72	3/4	855.80	3/4	1,218.27	3/4	1,577.94	3/4	1,941.50	3/4	2,305.05	3/4	2,668.59	3/4	3,032.14	3/4	3,395.69
5	145.03	5	506.06	5	863.38	5	1,225.83	5	1,585.51	5	1,949.08	5	2,312.62	5	2,676.17	5	3,039.72	5	3,403.26
1/4	152.35	1/4	512.97	1/4	870.95	1/4	1,233.40	1/4	1,593.09	1/4	1,956.65	1/4	2,320.20	1/4	2,683.74	1/4	3,047.29	1/4	3,410.84
1/2	159.67	1/2	519.87	1/2	878.53	1/2	1,240.98	1/2	1,600.66	1/2	1,964.22	1/2	2,327.77	1/2	2,691.32	1/2	3,054.86	1/2	3,418.41
3/4	166.99	3/4	526.77	3/4	886.10	3/4	1,248.55	3/4	1,608.24	3/4	1,971.80	3/4	2,335.34	3/4	2,698.89	3/4	3,062.44	3/4	3,425.98
6	174.30	6	533.68	6	893.68	6	1,256.13	6	1,615.81	6	1,979.37	6	2,342.92	6	2,706.46	6	3,070.01	6	3,433.56
1/4	181.85	1/4	540.58	1/4	901.24	1/4	1,263.70	1/4	1,623.39	1/4	1,986.95	1/4	2,350.49	1/4	2,714.04	1/4	3,077.58	1/4	3,441.13
1/2	189.39	1/2	547.48	1/2	908.80	1/2	1,271.28	1/2	1,630.96	1/2	1,994.52	1/2	2,358.06	1/2	2,721.61	1/2	3,085.16	1/2	3,448.71
3/4	196.93	3/4	554.39	3/4	916.36	3/4	1,278.85	3/4	1,638.53	3/4	2,002.10	3/4	2,365.64	3/4	2,729.19	3/4	3,092.73	3/4	3,456.28
7	204.47	7	561.29	7	923.92	7	1,286.43	7	1,646.11	7	2,009.67	7	2,373.21	7	2,736.76	7	3,100.31	7	3,463.85
1/4	212.02	1/4	568.64	1/4	931.47	1/4	1,294.00	1/4	1,653.68	1/4	2,017.24	1/4	2,380.79	1/4	2,744.33	1/4	3,107.88	1/4	3,471.43
1/2	219.57	1/2	575.99	1/2	939.02	1/2	1,301.58	1/2	1,661.26	1/2	2,024.82	1/2	2,388.36	1/2	2,751.91	1/2	3,115.45	1/2	3,479.00
3/4	227.13	3/4	583.34	3/4	946.57	3/4	1,309.15	3/4	1,668.83	3/4	2,032.39	3/4	2,395.93	3/4	2,759.48	3/4	3,123.03	3/4	3,486.58
8	234.68	8	590.69	8	954.11	8	1,316.73	8	1,676.41	8	2,039.96	8	2,403.51	8	2,767.06	8	3,130.60	8	3,494.15
1/4	242.24	1/4	598.27	1/4	961.66	1/4	1,324.30	1/4	1,683.98	1/4	2,047.53	1/4	2,411.08	1/4	2,774.63	1/4	3,138.18	1/4	3,501.72
1/2	249.81	1/2	605.84	1/2	969.20	1/2	1,331.87	1/2	1,691.55	1/2	2,055.11	1/2	2,418.66	1/2	2,782.20	1/2	3,145.75	1/2	3,509.30
3/4	257.38	3/4	613.42	3/4	976.75	3/4	1,339.45	3/4	1,699.13	3/4	2,062.68	3/4	2,426.23	3/4	2,789.78	3/4	3,153.32	3/4	3,516.87
9	264.94	9	620.99	9	984.30	9	1,347.02	9	1,706.70	9	2,070.26	9	2,433.80	9	2,797.35	9	3,160.90	9	3,524.45
1/4	272.52	1/4	628.57	1/4	991.84	1/4	1,354.52	1/4	1,714.28	1/4	2,077.83	1/4	2,441.38	1/4	2,804.92	1/4	3,168.47	1/4	3,532.02
1/2	280.09	1/2	636.14	1/2	999.39	1/2	1,362.01	1/2	1,721.85	1/2	2,085.40	1/2	2,448.95	1/2	2,812.50	1/2	3,176.05	1/2	3,539.59
3/4	287.66	3/4	643.72	3/4	1,006.93	3/4	1,369.51	3/4	1,729.42	3/4	2,092.98	3/4	2,456.53	3/4	2,820.07	3/4	3,183.62	3/4	3,547.17
10	295.24	10	651.29	10	1,014.48	10	1,377.00	10	1,737.00	10	2,100.55	10	2,464.10	10	2,827.65	10	3,191.19	10	3,554.74
1/4	302.81	1/4	658.87	1/4	1,022.02	1/4	1,384.41	1/4	1,744.57	1/4	2,108.13	1/4	2,471.67	1/4	2,835.22	1/4	3,198.77	1/4	3,562.31
1/2	310.39	1/2	666.44	1/2	1,029.57	1/2	1,391.82	1/2	1,752.15	1/2	2,115.70	1/2	2,479.25	1/2	2,842.79	1/2	3,206.34	1/2	3,569.89
3/4	317.96	3/4	674.02	3/4	1,037.11	3/4	1,399.24	3/4	1,759.72	3/4	2,123.27	3/4	2,486.82	3/4	2,850.37	3/4	3,213.92	3/4	3,577.46
11	325.53	11	681.59	11	1,044.66	11	1,406.65	11	1,767.30	11	2,130.85	11	2,494.39	11	2,857.94	11	3,221.49	11	3,585.04
1/4	333.11	1/4	689.17	1/4	1,052.21	1/4	1,414.06	1/4	1,774.87	1/4	2,138.42	1/4	2,501.97	1/4	2,865.52	1/4	3,229.06	1/4	3,592.61
1/2	340.68	1/2	696.74	1/2	1,059.75	1/2	1,421.47	1/2	1,782.44	1/2	2,146.00	1/2	2,509.54	1/2	2,873.09	1/2	3,236.64	1/2	3,600.18
3/4	348.25	3/4	704.31	3/4	1,067.30	3/4	1,428.89	3/4	1,790.02	3/4	2,153.57	3/4	2,517.12	3/4	2,880.66	3/4	3,244.21	3/4	3,607.76

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'-09" OFF CENTERLINE AND 50'-09" 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 27721"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	
0	3,615.33	0	3,977.73	0	4,323.90	0	4,645.16	0		0		0		0		0		0	
1/4	3,622.91	1/4	3,985.14	1/4	4,330.81	1/4	4,651.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,630.48	1/2	3,992.55	1/2	4,337.72	1/2	4,658.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,638.05	3/4	3,999.96	3/4	4,344.64	3/4	4,664.53	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,645.63	1	4,007.37	1	4,351.55	1	4,670.98	1		1		1		1		1		1	
1/4	3,653.20	1/4	4,014.75	1/4	4,358.40	1/4	4,677.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,660.78	1/2	4,022.12	1/2	4,365.26	1/2	4,683.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,668.35	3/4	4,029.50	3/4	4,372.11	3/4	4,690.24	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,675.92	2	4,036.87	2	4,378.97	2	4,696.65	2		2		2		2		2		2	
1/4	3,683.50	1/4	4,044.21	1/4	4,385.78	1/4	4,703.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,691.07	1/2	4,051.54	1/2	4,392.60	1/2	4,709.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,698.64	3/4	4,058.88	3/4	4,399.42	3/4	4,716.66	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,706.22	3	4,066.22	3	4,406.23	3	4,723.33	3		3		3		3		3		3	
1/4	3,713.79	1/4	4,073.52	1/4	4,413.01	1/4	4,730.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,721.37	1/2	4,080.83	1/2	4,419.79	1/2	4,737.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,728.94	3/4	4,088.13	3/4	4,426.57	3/4	4,744.96	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,736.51	4	4,095.43	4	4,433.35	4	4,752.17	4		4		4		4		4		4	
1/4	3,744.09	1/4	4,102.70	1/4	4,440.10	1/4	4,759.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,751.66	1/2	4,109.97	1/2	4,446.84	1/2	4,767.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.24	3/4	4,117.24	3/4	4,453.58	3/4	4,774.64	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,766.81	5	4,124.51	5	4,460.33	5	4,782.13	5		5		5		5		5		5	
1/4	3,774.38	1/4	4,131.75	1/4	4,467.03	1/4	4,789.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,781.96	1/2	4,138.98	1/2	4,473.74	1/2	4,796.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,789.53	3/4	4,146.22	3/4	4,480.44	3/4	4,804.36	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,797.11	6	4,153.45	6	4,487.15	6	4,811.77	6		6		6		6		6		6	
1/4	3,804.68	1/4	4,160.65	1/4	4,493.82	1/4	4,818.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,812.25	1/2	4,167.85	1/2	4,500.49	1/2	4,825.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,819.83	3/4	4,175.05	3/4	4,507.16	3/4	4,832.11	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,827.40	7	4,182.24	7	4,513.83	7	4,838.89	7		7		7		7		7		7	
1/4	3,834.97	1/4	4,189.41	1/4	4,520.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,842.54	1/2	4,196.57	1/2	4,527.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.11	3/4	4,203.73	3/4	4,533.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,857.68	8	4,210.89	8	4,540.39	8		8		8		8		8		8		8	
1/4	3,865.23	1/4	4,218.01	1/4	4,546.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,872.79	1/2	4,225.14	1/2	4,553.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,880.34	3/4	4,232.26	3/4	4,560.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,887.90	9	4,239.39	9	4,566.80	9		9		9		9		9		9		9	
1/4	3,895.42	1/4	4,246.47	1/4	4,573.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,902.94	1/2	4,253.56	1/2	4,579.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,910.47	3/4	4,260.65	3/4	4,586.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,917.99	10	4,267.73	10	4,593.07	10		10		10		10		10		10		10	
1/4	3,925.47	1/4	4,274.78	1/4	4,599.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,932.96	1/2	4,281.83	1/2	4,606.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,940.45	3/4	4,288.88	3/4	4,612.66	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,947.93	11	4,295.93	11	4,619.19	11		11		11		11		11		11		11	
1/4	3,955.38	1/4	4,302.92	1/4	4,625.68	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,962.83	1/2	4,309.92	1/2	4,632.17	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,970.28	3/4	4,316.91	3/4	4,638.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/23/2004 PMA  
RECALCULATED: 04/15/2020 SW  
REPRINTED: 04/16/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2020

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



# BARGE "KIRBY 27721"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	47.19	0	325.35	0	678.65	0	1,031.32	0	1,388.28	0	1,750.18	0	2,113.62	0	2,477.04	0	2,840.47	0	3,203.94
1/4	48.14	1/4	332.89	1/4	686.02	1/4	1,038.65	1/4	1,395.68	1/4	1,757.75	1/4	2,121.19	1/4	2,484.61	1/4	2,848.04	1/4	3,211.54
1/2	49.09	1/2	340.44	1/2	693.38	1/2	1,045.99	1/2	1,403.08	1/2	1,765.33	1/2	2,128.76	1/2	2,492.19	1/2	2,855.61	1/2	3,219.13
3/4	50.03	3/4	347.99	3/4	700.75	3/4	1,053.32	3/4	1,410.48	3/4	1,772.90	3/4	2,136.33	3/4	2,499.76	3/4	2,863.18	3/4	3,226.73
1	50.98	1	355.53	1	708.11	1	1,060.65	1	1,417.87	1	1,780.47	1	2,143.90	1	2,507.33	1	2,870.76	1	3,234.32
1/4	52.78	1/4	363.09	1/4	715.48	1/4	1,067.99	1/4	1,425.34	1/4	1,788.04	1/4	2,151.47	1/4	2,514.90	1/4	2,878.33	1/4	3,241.91
1/2	54.58	1/2	370.64	1/2	722.85	1/2	1,075.33	1/2	1,432.81	1/2	1,795.61	1/2	2,159.04	1/2	2,522.47	1/2	2,885.90	1/2	3,249.51
3/4	56.37	3/4	378.20	3/4	730.21	3/4	1,082.66	3/4	1,440.27	3/4	1,803.18	3/4	2,166.62	3/4	2,530.04	3/4	2,893.47	3/4	3,257.10
2	58.17	2	385.75	2	737.58	2	1,090.00	2	1,447.74	2	1,810.76	2	2,174.19	2	2,537.61	2	2,901.04	2	3,264.69
1/4	61.25	1/4	393.09	1/4	744.94	1/4	1,097.34	1/4	1,455.29	1/4	1,818.33	1/4	2,181.76	1/4	2,545.19	1/4	2,908.61	1/4	3,272.29
1/2	64.32	1/2	400.44	1/2	752.31	1/2	1,104.68	1/2	1,462.84	1/2	1,825.90	1/2	2,189.33	1/2	2,552.76	1/2	2,916.18	1/2	3,279.88
3/4	67.40	3/4	407.78	3/4	759.67	3/4	1,112.02	3/4	1,470.39	3/4	1,833.47	3/4	2,196.90	3/4	2,560.33	3/4	2,923.76	3/4	3,287.48
3	70.48	3	415.13	3	767.04	3	1,119.37	3	1,477.93	3	1,841.04	3	2,204.47	3	2,567.90	3	2,931.33	3	3,295.07
1/4	75.26	1/4	422.03	1/4	774.40	1/4	1,126.82	1/4	1,485.48	1/4	1,848.61	1/4	2,212.04	1/4	2,575.47	1/4	2,938.90	1/4	3,302.66
1/2	80.05	1/2	428.94	1/2	781.77	1/2	1,134.27	1/2	1,493.03	1/2	1,856.19	1/2	2,219.62	1/2	2,583.04	1/2	2,946.47	1/2	3,310.26
3/4	84.84	3/4	435.84	3/4	789.14	3/4	1,141.72	3/4	1,500.58	3/4	1,863.76	3/4	2,227.19	3/4	2,590.61	3/4	2,954.04	3/4	3,317.85
4	89.63	4	442.74	4	796.50	4	1,149.17	4	1,508.13	4	1,871.33	4	2,234.76	4	2,598.19	4	2,961.61	4	3,325.45
1/4	95.90	1/4	449.65	1/4	803.85	1/4	1,156.73	1/4	1,515.67	1/4	1,878.90	1/4	2,242.33	1/4	2,605.76	1/4	2,969.18	1/4	3,333.04
1/2	102.18	1/2	456.55	1/2	811.21	1/2	1,164.28	1/2	1,523.22	1/2	1,886.47	1/2	2,249.90	1/2	2,613.33	1/2	2,976.76	1/2	3,340.63
3/4	108.46	3/4	463.45	3/4	818.56	3/4	1,171.84	3/4	1,530.77	3/4	1,894.04	3/4	2,257.47	3/4	2,620.90	3/4	2,984.33	3/4	3,348.23
5	114.74	5	470.36	5	825.91	5	1,179.40	5	1,538.32	5	1,901.61	5	2,265.04	5	2,628.47	5	2,991.90	5	3,355.82
1/4	121.98	1/4	477.71	1/4	833.25	1/4	1,186.95	1/4	1,545.87	1/4	1,909.19	1/4	2,272.62	1/4	2,636.04	1/4	2,999.47	1/4	3,363.65
1/2	129.21	1/2	485.06	1/2	840.59	1/2	1,194.51	1/2	1,553.42	1/2	1,916.76	1/2	2,280.19	1/2	2,643.61	1/2	3,007.04	1/2	3,367.49
3/4	136.45	3/4	492.42	3/4	847.93	3/4	1,202.06	3/4	1,560.96	3/4	1,924.33	3/4	2,287.76	3/4	2,651.19	3/4	3,014.61	3/4	3,373.32
6	143.69	6	499.77	6	855.27	6	1,209.62	6	1,568.51	6	1,931.90	6	2,295.33	6	2,658.76	6	3,022.18	6	3,379.15
1/4	151.25	1/4	507.34	1/4	862.61	1/4	1,217.18	1/4	1,576.07	1/4	1,939.47	1/4	2,302.90	1/4	2,666.33	1/4	3,029.76	1/4	3,383.23
1/2	158.82	1/2	514.92	1/2	869.94	1/2	1,224.73	1/2	1,583.63	1/2	1,947.05	1/2	2,310.47	1/2	2,673.90	1/2	3,037.33	1/2	3,387.30
3/4	166.39	3/4	522.50	3/4	877.28	3/4	1,232.29	3/4	1,591.19	3/4	1,954.62	3/4	2,318.04	3/4	2,681.47	3/4	3,044.90	3/4	3,391.37
7	173.96	7	530.07	7	884.61	7	1,239.85	7	1,598.75	7	1,962.19	7	2,325.61	7	2,689.04	7	3,052.47	7	3,395.44
1/4	181.53	1/4	537.65	1/4	891.95	1/4	1,247.32	1/4	1,606.32	1/4	1,969.76	1/4	2,333.19	1/4	2,696.61	1/4	3,060.04	1/4	3,399.52
1/2	189.11	1/2	545.23	1/2	899.29	1/2	1,254.80	1/2	1,613.89	1/2	1,977.33	1/2	2,340.76	1/2	2,704.18	1/2	3,067.61	1/2	3,403.59
3/4	196.68	3/4	552.80	3/4	906.62	3/4	1,262.27	3/4	1,621.47	3/4	1,984.90	3/4	2,348.33	3/4	2,711.76	3/4	3,075.18	3/4	3,407.66
8	204.26	8	560.38	8	913.96	8	1,269.75	8	1,629.04	8	1,992.47	8	2,355.90	8	2,719.33	8	3,082.75	8	3,411.74
1/4	211.83	1/4	567.85	1/4	921.30	1/4	1,277.15	1/4	1,636.61	1/4	2,000.04	1/4	2,363.47	1/4	2,726.90	1/4	3,090.33	1/4	3,415.81
1/2	219.41	1/2	575.32	1/2	928.63	1/2	1,284.55	1/2	1,644.18	1/2	2,007.62	1/2	2,371.04	1/2	2,734.47	1/2	3,097.90	1/2	3,419.88
3/4	226.98	3/4	582.79	3/4	935.97	3/4	1,291.95	3/4	1,651.75	3/4	2,015.19	3/4	2,378.61	3/4	2,742.04	3/4	3,105.47	3/4	3,423.95
9	234.56	9	590.27	9	943.30	9	1,299.36	9	1,659.32	9	2,022.76	9	2,386.19	9	2,749.61	9	3,113.04	9	3,428.03
1/4	242.14	1/4	597.63	1/4	950.64	1/4	1,306.77	1/4	1,666.90	1/4	2,030.33	1/4	2,393.76	1/4	2,757.18	1/4	3,120.61	1/4	3,432.10
1/2	249.71	1/2	605.00	1/2	957.97	1/2	1,314.18	1/2	1,674.47	1/2	2,037.90	1/2	2,401.33	1/2	2,764.76	1/2	3,128.18	1/2	3,436.17
3/4	257.29	3/4	612.36	3/4	965.31	3/4	1,321.59	3/4	1,682.04	3/4	2,045.47	3/4	2,408.90	3/4	2,772.33	3/4	3,135.75	3/4	3,440.24
10	264.86	10	619.73	10	972.64	10	1,329.00	10	1,689.61	10	2,053.04	10	2,416.47	10	2,779.90	10	3,143.33	10	3,444.32
1/4	272.43	1/4	627.09	1/4	979.98	1/4	1,336.41	1/4	1,697.18	1/4	2,060.62	1/4	2,424.04	1/4	2,787.47	1/4	3,150.90	1/4	3,448.39
1/2	280.00	1/2	634.46	1/2	987.31	1/2	1,343.82	1/2	1,704.75	1/2	2,068.19	1/2	2,431.61	1/2	2,795.04	1/2	3,158.47	1/2	3,452.46
3/4	287.57	3/4	641.82	3/4	994.64	3/4	1,351.23	3/4	1,712.32	3/4	2,075.76	3/4	2,439.19	3/4	2,802.61	3/4	3,166.04	3/4	3,456.54
11	295.13	11	649.19	11	1,001.98	11	1,358.64	11	1,719.90	11	2,083.33	11	2,446.76	11	2,810.18	11	3,173.61	11	3,460.61
1/4	302.69	1/4	656.56	1/4	1,009.31	1/4	1,366.05	1/4	1,727.47	1/4	2,090.90	1/4	2,454.33	1/4	2,817.76	1/4	3,181.19	1/4	3,464.68
1/2	310.24	1/2	663.92	1/2	1,016.65	1/2	1,373.46	1/2	1,735.04	1/2	2,098.47	1/2	2,461.90	1/2	2,825.33	1/2	3,188.78	1/2	3,468.75
3/4	317.79	3/4	671.29	3/4	1,023.98	3/4	1,380.87	3/4	1,742.61	3/4	2,106.04	3/4	2,469.47	3/4	2,832.90	3/4	3,196.36	3/4	3,472.83

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'-09" OFF CENTERLINE AND 51'-00" 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 27721"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	3,476.90	0	3,670.99	0	3,854.62	0	4,023.55	0		0		0		0		0		0	
1/4	3,480.97	1/4	3,674.94	1/4	3,858.25	1/4	4,027.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,485.04	1/2	3,678.88	1/2	3,861.87	1/2	4,030.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,489.12	3/4	3,682.83	3/4	3,865.50	3/4	4,034.19	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,493.19	1	3,686.77	1	3,869.13	1	4,037.73	1		1		1		1		1		1	
1/4	3,497.26	1/4	3,690.70	1/4	3,872.73	1/4	4,041.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,501.33	1/2	3,694.63	1/2	3,876.34	1/2	4,045.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,505.41	3/4	3,698.55	3/4	3,879.95	3/4	4,049.25	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,509.48	2	3,702.48	2	3,883.55	2	4,053.09	2		2		2		2		2		2	
1/4	3,513.55	1/4	3,706.39	1/4	3,887.14	1/4	4,057.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,517.63	1/2	3,710.30	1/2	3,890.72	1/2	4,061.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,521.70	3/4	3,714.21	3/4	3,894.31	3/4	4,065.05	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,525.77	3	3,718.12	3	3,897.90	3	4,069.04	3		3		3		3		3		3	
1/4	3,529.84	1/4	3,722.01	1/4	3,901.46	1/4	4,072.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,533.92	1/2	3,725.90	1/2	3,905.03	1/2	4,076.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,537.99	3/4	3,729.79	3/4	3,908.60	3/4	4,080.77	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,542.06	4	3,733.68	4	3,912.16	4	4,084.67	4		4		4		4		4		4	
1/4	3,546.13	1/4	3,737.55	1/4	3,915.71	1/4	4,087.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,550.21	1/2	3,741.42	1/2	3,919.26	1/2	4,091.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,554.28	3/4	3,745.29	3/4	3,922.80	3/4	4,094.50	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,558.35	5	3,749.16	5	3,926.35	5	4,097.78	5		5		5		5		5		5	
1/4	3,562.42	1/4	3,753.01	1/4	3,929.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,566.49	1/2	3,756.86	1/2	3,933.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,570.57	3/4	3,760.71	3/4	3,936.94	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,574.64	6	3,764.56	6	3,940.47	6		6		6		6		6		6		6	
1/4	3,578.70	1/4	3,768.39	1/4	3,943.98	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,582.76	1/2	3,772.22	1/2	3,947.50	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,586.82	3/4	3,776.05	3/4	3,951.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,590.88	7	3,779.88	7	3,954.52	7		7		7		7		7		7		7	
1/4	3,594.93	1/4	3,783.70	1/4	3,958.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,598.98	1/2	3,787.51	1/2	3,961.50	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,603.02	3/4	3,791.32	3/4	3,964.99	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,607.07	8	3,795.13	8	3,968.48	8		8		8		8		8		8		8	
1/4	3,611.09	1/4	3,798.92	1/4	3,971.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,615.12	1/2	3,802.71	1/2	3,975.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,619.14	3/4	3,806.50	3/4	3,978.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,623.17	9	3,810.29	9	3,982.37	9		9		9		9		9		9		9	
1/4	3,627.17	1/4	3,814.04	1/4	3,985.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,631.18	1/2	3,817.79	1/2	3,989.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,635.18	3/4	3,821.54	3/4	3,992.72	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,639.19	10	3,825.29	10	3,996.18	10		10		10		10		10		10		10	
1/4	3,643.17	1/4	3,828.98	1/4	3,999.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,647.16	1/2	3,832.66	1/2	4,003.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,651.14	3/4	3,836.35	3/4	4,006.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,655.13	11	3,840.04	11	4,009.90	11		11		11		11		11		11		11	
1/4	3,659.10	1/4	3,843.68	1/4	4,013.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,663.06	1/2	3,847.33	1/2	4,016.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,667.03	3/4	3,850.98	3/4	4,020.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/23/2004 PMA  
RECALCULATED: 04/15/2020 SW  
REPRINTED: 04/16/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2020

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



# BARGE "KIRBY 27721"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	47.24	0	326.34	0	683.55	0	1,047.31	0	1,408.74	0	1,772.37	0	2,136.96	0	2,501.55	0	2,866.14	0	3,230.73
1/4	48.21	1/4	333.90	1/4	691.14	1/4	1,054.88	1/4	1,416.17	1/4	1,779.96	1/4	2,144.56	1/4	2,509.15	1/4	2,873.73	1/4	3,238.32
1/2	49.17	1/2	341.47	1/2	698.74	1/2	1,062.45	1/2	1,423.61	1/2	1,787.56	1/2	2,152.15	1/2	2,516.74	1/2	2,881.33	1/2	3,245.92
3/4	50.14	3/4	349.04	3/4	706.34	3/4	1,070.01	3/4	1,431.04	3/4	1,795.15	3/4	2,159.75	3/4	2,524.34	3/4	2,888.93	3/4	3,253.51
1	51.10	1	356.60	1	713.93	1	1,077.58	1	1,438.48	1	1,802.75	1	2,167.34	1	2,531.93	1	2,896.52	1	3,261.11
1/4	52.92	1/4	364.18	1/4	721.53	1/4	1,085.15	1/4	1,445.99	1/4	1,810.35	1/4	2,174.94	1/4	2,539.53	1/4	2,904.12	1/4	3,268.71
1/2	54.74	1/2	371.75	1/2	729.13	1/2	1,092.72	1/2	1,453.50	1/2	1,817.94	1/2	2,182.54	1/2	2,547.12	1/2	2,911.71	1/2	3,276.30
3/4	56.55	3/4	379.33	3/4	736.72	3/4	1,100.29	3/4	1,461.02	3/4	1,825.54	3/4	2,190.13	3/4	2,554.72	3/4	2,919.31	3/4	3,283.90
2	58.37	2	386.90	2	744.32	2	1,107.86	2	1,468.53	2	1,833.13	2	2,197.73	2	2,562.32	2	2,926.90	2	3,291.49
1/4	61.46	1/4	394.26	1/4	751.91	1/4	1,115.44	1/4	1,476.13	1/4	1,840.73	1/4	2,205.32	1/4	2,569.91	1/4	2,934.50	1/4	3,299.09
1/2	64.56	1/2	401.63	1/2	759.51	1/2	1,123.03	1/2	1,483.73	1/2	1,848.32	1/2	2,212.92	1/2	2,577.51	1/2	2,942.10	1/2	3,306.68
3/4	67.65	3/4	408.99	3/4	767.11	3/4	1,130.61	3/4	1,491.32	3/4	1,855.92	3/4	2,220.51	3/4	2,585.10	3/4	2,949.69	3/4	3,314.28
3	70.75	3	416.36	3	774.70	3	1,138.19	3	1,498.92	3	1,863.52	3	2,228.11	3	2,592.70	3	2,957.29	3	3,321.88
1/4	75.55	1/4	423.28	1/4	782.30	1/4	1,145.79	1/4	1,506.51	1/4	1,871.11	1/4	2,235.70	1/4	2,600.29	1/4	2,964.88	1/4	3,329.47
1/2	80.36	1/2	430.21	1/2	789.89	1/2	1,153.39	1/2	1,514.11	1/2	1,878.71	1/2	2,243.30	1/2	2,607.89	1/2	2,972.48	1/2	3,337.07
3/4	85.17	3/4	437.13	3/4	797.49	3/4	1,160.98	3/4	1,521.70	3/4	1,886.30	3/4	2,250.90	3/4	2,615.48	3/4	2,980.07	3/4	3,344.66
4	89.98	4	444.05	4	805.09	4	1,168.58	4	1,529.30	4	1,893.90	4	2,258.49	4	2,623.08	4	2,987.67	4	3,352.26
1/4	96.27	1/4	450.98	1/4	812.67	1/4	1,176.18	1/4	1,536.90	1/4	1,901.49	1/4	2,266.09	1/4	2,630.68	1/4	2,995.26	1/4	3,359.85
1/2	102.57	1/2	457.90	1/2	820.25	1/2	1,183.77	1/2	1,544.49	1/2	1,909.09	1/2	2,273.68	1/2	2,638.27	1/2	3,002.86	1/2	3,367.45
3/4	108.87	3/4	464.82	3/4	827.84	3/4	1,191.37	3/4	1,552.09	3/4	1,916.69	3/4	2,281.28	3/4	2,645.87	3/4	3,010.46	3/4	3,375.04
5	115.17	5	471.75	5	835.42	5	1,198.97	5	1,559.68	5	1,924.28	5	2,288.87	5	2,653.46	5	3,018.05	5	3,382.64
1/4	122.42	1/4	479.12	1/4	842.99	1/4	1,206.56	1/4	1,567.28	1/4	1,931.88	1/4	2,296.47	1/4	2,661.06	1/4	3,025.65	1/4	3,388.48
1/2	129.68	1/2	486.49	1/2	850.56	1/2	1,214.16	1/2	1,574.88	1/2	1,939.47	1/2	2,304.06	1/2	2,668.65	1/2	3,033.24	1/2	3,394.31
3/4	136.94	3/4	493.86	3/4	858.13	3/4	1,221.76	3/4	1,582.47	3/4	1,947.07	3/4	2,311.66	3/4	2,676.25	3/4	3,040.84	3/4	3,400.15
6	144.19	6	501.24	6	865.70	6	1,229.35	6	1,590.07	6	1,954.67	6	2,319.26	6	2,683.84	6	3,048.43	6	3,405.98
1/4	151.78	1/4	508.83	1/4	873.27	1/4	1,236.95	1/4	1,597.66	1/4	1,962.26	1/4	2,326.85	1/4	2,691.44	1/4	3,056.03	1/4	3,410.05
1/2	159.37	1/2	516.43	1/2	880.83	1/2	1,244.54	1/2	1,605.26	1/2	1,969.86	1/2	2,334.45	1/2	2,699.04	1/2	3,063.62	1/2	3,414.13
3/4	166.96	3/4	524.03	3/4	888.40	3/4	1,252.14	3/4	1,612.85	3/4	1,977.45	3/4	2,342.04	3/4	2,706.63	3/4	3,071.22	3/4	3,418.20
7	174.55	7	531.62	7	895.97	7	1,259.74	7	1,620.45	7	1,985.05	7	2,349.64	7	2,714.23	7	3,078.82	7	3,422.28
1/4	182.14	1/4	539.22	1/4	903.54	1/4	1,267.25	1/4	1,628.05	1/4	1,992.65	1/4	2,357.23	1/4	2,721.82	1/4	3,086.41	1/4	3,426.35
1/2	189.74	1/2	546.82	1/2	911.10	1/2	1,274.77	1/2	1,635.64	1/2	2,000.24	1/2	2,364.83	1/2	2,729.42	1/2	3,094.01	1/2	3,430.42
3/4	197.33	3/4	554.41	3/4	918.67	3/4	1,282.28	3/4	1,643.24	3/4	2,007.84	3/4	2,372.43	3/4	2,737.01	3/4	3,101.60	3/4	3,434.50
8	204.93	8	562.01	8	926.24	8	1,289.80	8	1,650.83	8	2,015.43	8	2,380.02	8	2,744.61	8	3,109.20	8	3,438.57
1/4	212.52	1/4	569.61	1/4	933.80	1/4	1,297.23	1/4	1,658.43	1/4	2,023.03	1/4	2,387.62	1/4	2,752.21	1/4	3,116.79	1/4	3,442.64
1/2	220.12	1/2	577.20	1/2	941.37	1/2	1,304.67	1/2	1,666.02	1/2	2,030.62	1/2	2,395.21	1/2	2,759.80	1/2	3,124.39	1/2	3,446.72
3/4	227.71	3/4	584.80	3/4	948.94	3/4	1,312.10	3/4	1,673.62	3/4	2,038.22	3/4	2,402.81	3/4	2,767.40	3/4	3,131.99	3/4	3,450.79
9	235.31	9	592.40	9	956.51	9	1,319.54	9	1,681.22	9	2,045.81	9	2,410.40	9	2,774.99	9	3,139.58	9	3,454.87
1/4	242.91	1/4	599.99	1/4	964.07	1/4	1,326.97	1/4	1,688.81	1/4	2,053.41	1/4	2,418.00	1/4	2,782.59	1/4	3,147.18	1/4	3,458.94
1/2	250.50	1/2	607.59	1/2	971.64	1/2	1,334.40	1/2	1,696.41	1/2	2,061.01	1/2	2,425.59	1/2	2,790.18	1/2	3,154.77	1/2	3,463.01
3/4	258.10	3/4	615.18	3/4	979.21	3/4	1,341.84	3/4	1,704.00	3/4	2,068.60	3/4	2,433.19	3/4	2,797.78	3/4	3,162.37	3/4	3,467.09
10	265.69	10	622.78	10	986.78	10	1,349.27	10	1,711.60	10	2,076.20	10	2,440.79	10	2,805.37	10	3,169.96	10	3,471.16
1/4	273.28	1/4	630.38	1/4	994.34	1/4	1,356.71	1/4	1,719.20	1/4	2,083.79	1/4	2,448.38	1/4	2,812.97	1/4	3,177.56	1/4	3,475.23
1/2	280.87	1/2	637.97	1/2	1,001.91	1/2	1,364.14	1/2	1,726.79	1/2	2,091.39	1/2	2,455.98	1/2	2,820.57	1/2	3,185.15	1/2	3,479.31
3/4	288.46	3/4	645.57	3/4	1,009.48	3/4	1,371.57	3/4	1,734.39	3/4	2,098.98	3/4	2,463.57	3/4	2,828.16	3/4	3,192.75	3/4	3,483.38
11	296.04	11	653.16	11	1,017.04	11	1,379.01	11	1,741.98	11	2,106.58	11	2,471.17	11	2,835.76	11	3,200.35	11	3,487.46
1/4	303.62	1/4	660.76	1/4	1,024.61	1/4	1,386.44	1/4	1,749.58	1/4	2,114.17	1/4	2,478.76	1/4	2,843.35	1/4	3,207.94	1/4	3,491.53
1/2	311.19	1/2	668.36	1/2	1,032.18	1/2	1,393.87	1/2	1,757.17	1/2	2,121.77	1/2	2,486.36	1/2	2,850.95	1/2	3,215.54	1/2	3,495.60
3/4	318.76	3/4	675.95	3/4	1,039.75	3/4	1,401.31	3/4	1,764.77	3/4	2,129.37	3/4	2,493.95	3/4	2,858.54	3/4	3,223.13	3/4	3,499.68

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'-09" OFF CENTERLINE AND 51'-00" FORWARD OF AFT BULKHEAD.

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 27721"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,503.75	0	3,697.89	0	3,881.56	0	4,050.53	0		0		0		0		0		0	
1/4	3,507.82	1/4	3,701.83	1/4	3,885.19	1/4	4,054.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,511.90	1/2	3,705.78	1/2	3,888.82	1/2	4,057.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,515.97	3/4	3,709.73	3/4	3,892.44	3/4	4,061.17	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,520.04	1	3,713.67	1	3,896.07	1	4,064.72	1		1		1		1		1		1	
1/4	3,524.12	1/4	3,717.60	1/4	3,899.68	1/4	4,068.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,528.19	1/2	3,721.53	1/2	3,903.29	1/2	4,072.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,532.27	3/4	3,725.46	3/4	3,906.89	3/4	4,076.24	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,536.34	2	3,729.38	2	3,910.50	2	4,080.08	2		2		2		2		2		2	
1/4	3,540.41	1/4	3,733.29	1/4	3,914.09	1/4	4,084.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,544.49	1/2	3,737.20	1/2	3,917.67	1/2	4,088.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,548.56	3/4	3,741.12	3/4	3,921.26	3/4	4,092.04	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,552.63	3	3,745.03	3	3,924.85	3	4,096.03	3		3		3		3		3		3	
1/4	3,556.71	1/4	3,748.92	1/4	3,928.42	1/4	4,099.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,560.78	1/2	3,752.81	1/2	3,931.98	1/2	4,103.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,564.86	3/4	3,756.70	3/4	3,935.55	3/4	4,107.76	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,568.93	4	3,760.59	4	3,939.12	4	4,111.67	4		4		4		4		4		4	
1/4	3,573.00	1/4	3,764.46	1/4	3,942.67	1/4	4,114.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,577.08	1/2	3,768.33	1/2	3,946.21	1/2	4,118.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,581.15	3/4	3,772.20	3/4	3,949.76	3/4	4,121.50	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,585.22	5	3,776.08	5	3,953.31	5	4,124.78	5		5		5		5		5		5	
1/4	3,589.30	1/4	3,779.93	1/4	3,956.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,593.37	1/2	3,783.78	1/2	3,960.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,597.44	3/4	3,787.63	3/4	3,963.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,601.51	6	3,791.48	6	3,967.43	6		6		6		6		6		6		6	
1/4	3,605.57	1/4	3,795.31	1/4	3,970.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,609.64	1/2	3,799.15	1/2	3,974.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,613.70	3/4	3,802.98	3/4	3,977.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,617.76	7	3,806.81	7	3,981.48	7		7		7		7		7		7		7	
1/4	3,621.81	1/4	3,810.62	1/4	3,984.98	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,625.86	1/2	3,814.43	1/2	3,988.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,629.90	3/4	3,818.24	3/4	3,991.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,633.95	8	3,822.05	8	3,995.45	8		8		8		8		8		8		8	
1/4	3,637.97	1/4	3,825.85	1/4	3,998.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,642.00	1/2	3,829.64	1/2	4,002.40	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,646.03	3/4	3,833.43	3/4	4,005.87	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,650.05	9	3,837.22	9	4,009.34	9		9		9		9		9		9		9	
1/4	3,654.06	1/4	3,840.97	1/4	4,012.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,658.07	1/2	3,844.72	1/2	4,016.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,662.07	3/4	3,848.47	3/4	4,019.70	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,666.08	10	3,852.22	10	4,023.15	10		10		10		10		10		10		10	
1/4	3,670.06	1/4	3,855.91	1/4	4,026.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,674.05	1/2	3,859.60	1/2	4,030.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,678.04	3/4	3,863.29	3/4	4,033.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,682.02	11	3,866.97	11	4,036.88	11		11		11		11		11		11		11	
1/4	3,685.99	1/4	3,870.62	1/4	4,040.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,689.96	1/2	3,874.27	1/2	4,043.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,693.92	3/4	3,877.92	3/4	4,047.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/23/2004 PMA  
RECALCULATED: 04/15/2020 SW  
REPRINTED: 04/16/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2020

PRECISION MEASUREMENT  
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# BARGE "KIRBY 27721"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-09 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	2,350	0	4,701	0	7,051	0	9,401	0	11,752	0	14,102	0		0		0	
1/4	49	1/4	2,399	1/4	4,750	1/4	7,100	1/4	9,450	1/4	11,801	1/4	14,151	1/4		1/4		1/4	
1/2	98	1/2	2,448	1/2	4,799	1/2	7,149	1/2	9,499	1/2	11,850	1/2	14,200	1/2		1/2		1/2	
3/4	147	3/4	2,497	3/4	4,848	3/4	7,198	3/4	9,548	3/4	11,899	3/4	14,249	3/4		3/4		3/4	
1	196	1	2,546	1	4,897	1	7,247	1	9,597	1	11,947	1	14,298	1		1		1	
1/4	245	1/4	2,595	1/4	4,945	1/4	7,296	1/4	9,646	1/4	11,996	1/4	14,347	1/4		1/4		1/4	
1/2	294	1/2	2,644	1/2	4,994	1/2	7,345	1/2	9,695	1/2	12,045	1/2	14,396	1/2		1/2		1/2	
3/4	343	3/4	2,693	3/4	5,043	3/4	7,394	3/4	9,744	3/4	12,094	3/4	14,445	3/4		3/4		3/4	
2	392	2	2,742	2	5,092	2	7,443	2	9,793	2	12,143	2	14,494	2		2		2	
1/4	441	1/4	2,791	1/4	5,141	1/4	7,492	1/4	9,842	1/4	12,192	1/4	14,543	1/4		1/4		1/4	
1/2	490	1/2	2,840	1/2	5,190	1/2	7,541	1/2	9,891	1/2	12,241	1/2	14,585	1/2		1/2		1/2	
3/4	539	3/4	2,889	3/4	5,239	3/4	7,590	3/4	9,940	3/4	12,290	3/4		3/4		3/4		3/4	
3	588	3	2,938	3	5,288	3	7,639	3	9,989	3	12,339	3		3		3		3	
1/4	637	1/4	2,987	1/4	5,337	1/4	7,688	1/4	10,038	1/4	12,388	1/4		1/4		1/4		1/4	
1/2	686	1/2	3,036	1/2	5,386	1/2	7,736	1/2	10,087	1/2	12,437	1/2		1/2		1/2		1/2	
3/4	734	3/4	3,085	3/4	5,435	3/4	7,785	3/4	10,136	3/4	12,486	3/4		3/4		3/4		3/4	
4	783	4	3,134	4	5,484	4	7,834	4	10,185	4	12,535	4		4		4		4	
1/4	832	1/4	3,183	1/4	5,533	1/4	7,883	1/4	10,234	1/4	12,584	1/4		1/4		1/4		1/4	
1/2	881	1/2	3,232	1/2	5,582	1/2	7,932	1/2	10,283	1/2	12,633	1/2		1/2		1/2		1/2	
3/4	930	3/4	3,281	3/4	5,631	3/4	7,981	3/4	10,332	3/4	12,682	3/4		3/4		3/4		3/4	
5	979	5	3,330	5	5,680	5	8,030	5	10,381	5	12,731	5		5		5		5	
1/4	1,028	1/4	3,379	1/4	5,729	1/4	8,079	1/4	10,430	1/4	12,780	1/4		1/4		1/4		1/4	
1/2	1,077	1/2	3,428	1/2	5,778	1/2	8,128	1/2	10,479	1/2	12,829	1/2		1/2		1/2		1/2	
3/4	1,126	3/4	3,477	3/4	5,827	3/4	8,177	3/4	10,527	3/4	12,878	3/4		3/4		3/4		3/4	
6	1,175	6	3,525	6	5,876	6	8,226	6	10,576	6	12,927	6		6		6		6	
1/4	1,224	1/4	3,574	1/4	5,925	1/4	8,275	1/4	10,625	1/4	12,976	1/4		1/4		1/4		1/4	
1/2	1,273	1/2	3,623	1/2	5,974	1/2	8,324	1/2	10,674	1/2	13,025	1/2		1/2		1/2		1/2	
3/4	1,322	3/4	3,672	3/4	6,023	3/4	8,373	3/4	10,723	3/4	13,074	3/4		3/4		3/4		3/4	
7	1,371	7	3,721	7	6,072	7	8,422	7	10,772	7	13,123	7		7		7		7	
1/4	1,420	1/4	3,770	1/4	6,121	1/4	8,471	1/4	10,821	1/4	13,172	1/4		1/4		1/4		1/4	
1/2	1,469	1/2	3,819	1/2	6,170	1/2	8,520	1/2	10,870	1/2	13,221	1/2		1/2		1/2		1/2	
3/4	1,518	3/4	3,868	3/4	6,219	3/4	8,569	3/4	10,919	3/4	13,270	3/4		3/4		3/4		3/4	
8	1,567	8	3,917	8	6,268	8	8,618	8	10,968	8	13,319	8		8		8		8	
1/4	1,616	1/4	3,966	1/4	6,316	1/4	8,667	1/4	11,017	1/4	13,367	1/4		1/4		1/4		1/4	
1/2	1,665	1/2	4,015	1/2	6,365	1/2	8,716	1/2	11,066	1/2	13,416	1/2		1/2		1/2		1/2	
3/4	1,714	3/4	4,064	3/4	6,414	3/4	8,765	3/4	11,115	3/4	13,465	3/4		3/4		3/4		3/4	
9	1,763	9	4,113	9	6,463	9	8,814	9	11,164	9	13,514	9		9		9		9	
1/4	1,812	1/4	4,162	1/4	6,512	1/4	8,863	1/4	11,213	1/4	13,563	1/4		1/4		1/4		1/4	
1/2	1,861	1/2	4,211	1/2	6,561	1/2	8,912	1/2	11,262	1/2	13,612	1/2		1/2		1/2		1/2	
3/4	1,910	3/4	4,260	3/4	6,610	3/4	8,961	3/4	11,311	3/4	13,661	3/4		3/4		3/4		3/4	
10	1,959	10	4,309	10	6,659	10	9,010	10	11,360	10	13,710	10		10		10		10	
1/4	2,008	1/4	4,358	1/4	6,708	1/4	9,059	1/4	11,409	1/4	13,759	1/4		1/4		1/4		1/4	
1/2	2,057	1/2	4,407	1/2	6,757	1/2	9,108	1/2	11,458	1/2	13,808	1/2		1/2		1/2		1/2	
3/4	2,105	3/4	4,456	3/4	6,806	3/4	9,156	3/4	11,507	3/4	13,857	3/4		3/4		3/4		3/4	
11	2,154	11	4,505	11	6,855	11	9,205	11	11,556	11	13,906	11		11		11		11	
1/4	2,203	1/4	4,554	1/4	6,904	1/4	9,254	1/4	11,605	1/4	13,955	1/4		1/4		1/4		1/4	
1/2	2,252	1/2	4,603	1/2	6,953	1/2	9,303	1/2	11,654	1/2	14,004	1/2		1/2		1/2		1/2	
3/4	2,301	3/4	4,652	3/4	7,002	3/4	9,352	3/4	11,703	3/4	14,053	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: 04/13/2020 JS  
CALCULATED: 04/13/2020 CL  
PRINTED: 04/15/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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