



# BARGE "KIRBY 27762"

## INNAGE TRIM TABLE 2" STANDPIPE

	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	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-3/4	01-3/4	- 02-1/8	02-1/8	- 02-5/8	02-5/8
1 STBD	- 00-3/8	00-3/8	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-3/4	01-3/4	- 02-1/8	02-1/8	- 02-5/8	02-5/8
2 PORT	- 00-3/8	00-3/8	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-3/4	01-3/4	- 02-1/8	02-1/8	- 02-5/8	02-5/8
2 STBD	- 00-3/8	00-3/8	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-3/4	01-3/4	- 02-1/8	02-1/8	- 02-5/8	02-5/8
3 PORT	- 00-3/8	00-3/8	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-3/4	01-3/4	- 02-1/8	02-1/8	- 02-5/8	02-5/8
3 STBD	- 00-3/8	00-3/8	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-3/4	01-3/4	- 02-1/8	02-1/8	- 02-1/2	02-1/2

(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 00-7/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 7/8"

LENGTH BETWEEN DRAFT MARKS: 241'-03"

June 11, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27762"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 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	3.58	0	297.75	0	649.10	0	1,013.79	0	1,378.34	0	1,744.12	0	2,110.17	0	2,476.21	0	2,842.24	0	3,208.28
1/4	7.14	1/4	304.86	1/4	656.73	1/4	1,021.36	1/4	1,385.94	1/4	1,751.75	1/4	2,117.79	1/4	2,483.83	1/4	2,849.87	1/4	3,215.91
1/2	10.70	1/2	311.97	1/2	664.35	1/2	1,028.93	1/2	1,393.54	1/2	1,759.37	1/2	2,125.42	1/2	2,491.46	1/2	2,857.50	1/2	3,223.53
3/4	14.25	3/4	319.08	3/4	671.98	3/4	1,036.50	3/4	1,401.14	3/4	1,767.00	3/4	2,133.04	3/4	2,499.08	3/4	2,865.12	3/4	3,231.16
1	17.81	1	326.19	1	679.61	1	1,044.07	1	1,408.74	1	1,774.62	1	2,140.67	1	2,506.71	1	2,872.75	1	3,238.79
1/4	23.31	1/4	333.37	1/4	687.23	1/4	1,051.64	1/4	1,416.33	1/4	1,782.25	1/4	2,148.30	1/4	2,514.33	1/4	2,880.37	1/4	3,246.41
1/2	28.81	1/2	340.55	1/2	694.86	1/2	1,059.21	1/2	1,423.93	1/2	1,789.88	1/2	2,155.92	1/2	2,521.96	1/2	2,888.00	1/2	3,254.04
3/4	34.31	3/4	347.73	3/4	702.48	3/4	1,066.77	3/4	1,431.53	3/4	1,797.50	3/4	2,163.55	3/4	2,529.59	3/4	2,895.62	3/4	3,261.66
2	39.81	2	354.91	2	710.11	2	1,074.34	2	1,439.13	2	1,805.13	2	2,171.17	2	2,537.21	2	2,903.25	2	3,269.29
1/4	45.78	1/4	362.16	1/4	717.74	1/4	1,081.91	1/4	1,446.74	1/4	1,812.75	1/4	2,178.80	1/4	2,544.84	1/4	2,910.88	1/4	3,276.91
1/2	51.75	1/2	369.42	1/2	725.36	1/2	1,089.48	1/2	1,454.36	1/2	1,820.38	1/2	2,186.42	1/2	2,552.46	1/2	2,918.50	1/2	3,284.54
3/4	57.72	3/4	376.68	3/4	732.99	3/4	1,097.05	3/4	1,461.97	3/4	1,828.01	3/4	2,194.05	3/4	2,560.09	3/4	2,926.13	3/4	3,292.17
3	63.69	3	383.94	3	740.62	3	1,104.62	3	1,469.58	3	1,835.63	3	2,201.68	3	2,567.71	3	2,933.75	3	3,299.79
1/4	69.33	1/4	391.29	1/4	748.24	1/4	1,112.19	1/4	1,477.21	1/4	1,843.26	1/4	2,209.30	1/4	2,575.34	1/4	2,941.38	1/4	3,307.42
1/2	74.97	1/2	398.64	1/2	755.87	1/2	1,119.76	1/2	1,484.83	1/2	1,850.88	1/2	2,216.93	1/2	2,582.97	1/2	2,949.00	1/2	3,315.04
3/4	80.62	3/4	405.99	3/4	763.50	3/4	1,127.33	3/4	1,492.46	3/4	1,858.51	3/4	2,224.55	3/4	2,590.59	3/4	2,956.63	3/4	3,322.67
4	86.26	4	413.34	4	771.12	4	1,134.90	4	1,500.08	4	1,866.14	4	2,232.18	4	2,598.22	4	2,964.26	4	3,330.29
1/4	92.00	1/4	420.56	1/4	778.75	1/4	1,142.48	1/4	1,507.71	1/4	1,873.76	1/4	2,239.81	1/4	2,605.84	1/4	2,971.88	1/4	3,337.92
1/2	97.73	1/2	427.79	1/2	786.37	1/2	1,150.07	1/2	1,515.34	1/2	1,881.39	1/2	2,247.43	1/2	2,613.47	1/2	2,979.51	1/2	3,345.55
3/4	103.47	3/4	435.02	3/4	794.00	3/4	1,157.65	3/4	1,522.96	3/4	1,889.02	3/4	2,255.06	3/4	2,621.10	3/4	2,987.13	3/4	3,353.17
5	109.21	5	442.24	5	801.63	5	1,165.24	5	1,530.59	5	1,896.64	5	2,262.68	5	2,628.72	5	2,994.76	5	3,360.80
1/4	115.48	1/4	449.11	1/4	809.24	1/4	1,172.85	1/4	1,538.21	1/4	1,904.27	1/4	2,270.31	1/4	2,636.35	1/4	3,002.39	1/4	3,368.42
1/2	121.75	1/2	455.98	1/2	816.85	1/2	1,180.46	1/2	1,545.84	1/2	1,911.89	1/2	2,277.93	1/2	2,643.97	1/2	3,010.01	1/2	3,376.05
3/4	128.02	3/4	462.85	3/4	824.46	3/4	1,188.07	3/4	1,553.47	3/4	1,919.52	3/4	2,285.56	3/4	2,651.60	3/4	3,017.64	3/4	3,383.68
6	134.29	6	469.72	6	832.08	6	1,195.69	6	1,561.09	6	1,927.15	6	2,293.19	6	2,659.22	6	3,025.26	6	3,391.30
1/4	140.87	1/4	476.66	1/4	839.66	1/4	1,203.31	1/4	1,568.72	1/4	1,934.77	1/4	2,300.81	1/4	2,666.85	1/4	3,032.89	1/4	3,398.93
1/2	147.44	1/2	483.59	1/2	847.25	1/2	1,210.94	1/2	1,576.35	1/2	1,942.40	1/2	2,308.44	1/2	2,674.48	1/2	3,040.51	1/2	3,406.55
3/4	154.02	3/4	490.53	3/4	854.83	3/4	1,218.57	3/4	1,583.97	3/4	1,950.02	3/4	2,316.06	3/4	2,682.10	3/4	3,048.14	3/4	3,414.18
7	160.60	7	497.46	7	862.42	7	1,226.19	7	1,591.60	7	1,957.65	7	2,323.69	7	2,689.73	7	3,055.77	7	3,421.80
1/4	167.27	1/4	504.86	1/4	869.99	1/4	1,233.82	1/4	1,599.22	1/4	1,965.28	1/4	2,331.32	1/4	2,697.35	1/4	3,063.39	1/4	3,429.43
1/2	173.94	1/2	512.27	1/2	877.56	1/2	1,241.45	1/2	1,606.85	1/2	1,972.90	1/2	2,338.94	1/2	2,704.98	1/2	3,071.02	1/2	3,437.06
3/4	180.61	3/4	519.67	3/4	885.13	3/4	1,249.07	3/4	1,614.48	3/4	1,980.53	3/4	2,346.57	3/4	2,712.61	3/4	3,078.64	3/4	3,444.68
8	187.29	8	527.07	8	892.70	8	1,256.70	8	1,622.10	8	1,988.15	8	2,354.19	8	2,720.23	8	3,086.27	8	3,452.31
1/4	194.06	1/4	534.70	1/4	900.27	1/4	1,264.31	1/4	1,629.73	1/4	1,995.78	1/4	2,361.82	1/4	2,727.86	1/4	3,093.90	1/4	3,459.93
1/2	200.83	1/2	542.33	1/2	907.83	1/2	1,271.93	1/2	1,637.35	1/2	2,003.41	1/2	2,369.44	1/2	2,735.48	1/2	3,101.52	1/2	3,467.56
3/4	207.60	3/4	549.95	3/4	915.40	3/4	1,279.54	3/4	1,644.98	3/4	2,011.03	3/4	2,377.07	3/4	2,743.11	3/4	3,109.15	3/4	3,475.19
9	214.37	9	557.58	9	922.97	9	1,287.15	9	1,652.61	9	2,018.66	9	2,384.70	9	2,750.73	9	3,116.77	9	3,482.81
1/4	221.23	1/4	565.21	1/4	930.54	1/4	1,294.75	1/4	1,660.23	1/4	2,026.28	1/4	2,392.32	1/4	2,758.36	1/4	3,124.40	1/4	3,490.44
1/2	228.10	1/2	572.83	1/2	938.11	1/2	1,302.35	1/2	1,667.86	1/2	2,033.91	1/2	2,399.95	1/2	2,765.99	1/2	3,132.02	1/2	3,498.06
3/4	234.96	3/4	580.46	3/4	945.68	3/4	1,309.95	3/4	1,675.48	3/4	2,041.53	3/4	2,407.57	3/4	2,773.61	3/4	3,139.65	3/4	3,505.69
10	241.82	10	588.09	10	953.25	10	1,317.55	10	1,683.11	10	2,049.16	10	2,415.20	10	2,781.24	10	3,147.28	10	3,513.31
1/4	248.77	1/4	595.71	1/4	960.81	1/4	1,325.15	1/4	1,690.74	1/4	2,056.79	1/4	2,422.82	1/4	2,788.86	1/4	3,154.90	1/4	3,520.94
1/2	255.72	1/2	603.34	1/2	968.38	1/2	1,332.75	1/2	1,698.36	1/2	2,064.41	1/2	2,430.45	1/2	2,796.49	1/2	3,162.53	1/2	3,528.57
3/4	262.67	3/4	610.97	3/4	975.95	3/4	1,340.35	3/4	1,705.99	3/4	2,072.04	3/4	2,438.08	3/4	2,804.11	3/4	3,170.15	3/4	3,536.19
11	269.61	11	618.59	11	983.52	11	1,347.95	11	1,713.62	11	2,079.66	11	2,445.70	11	2,811.74	11	3,177.78	11	3,543.82
1/4	276.65	1/4	626.22	1/4	991.09	1/4	1,355.55	1/4	1,721.24	1/4	2,087.29	1/4	2,453.33	1/4	2,819.37	1/4	3,185.40	1/4	3,551.44
1/2	283.68	1/2	633.85	1/2	998.66	1/2	1,363.14	1/2	1,728.87	1/2	2,094.92	1/2	2,460.95	1/2	2,826.99	1/2	3,193.03	1/2	3,559.07
3/4	290.71	3/4	641.47	3/4	1,006.23	3/4	1,370.74	3/4	1,736.49	3/4	2,102.54	3/4	2,468.58	3/4	2,834.62	3/4	3,200.66	3/4	3,566.69

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 2" STANDPIPE  
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 52'-06" 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 27762"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 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	
0	3,574.32	0	3,939.22	0	4,287.77	0	4,611.26	0		0		0		0		0		0	
1/4	3,581.95	1/4	3,946.68	1/4	4,294.73	1/4	4,617.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,589.57	1/2	3,954.14	1/2	4,301.69	1/2	4,624.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,597.20	3/4	3,961.61	3/4	4,308.65	3/4	4,630.76	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,604.82	1	3,969.07	1	4,315.61	1	4,637.26	1		1		1		1		1		1	
1/4	3,612.45	1/4	3,976.49	1/4	4,322.51	1/4	4,643.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,620.08	1/2	3,983.92	1/2	4,329.42	1/2	4,650.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,627.70	3/4	3,991.34	3/4	4,336.32	3/4	4,656.65	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,635.33	2	3,998.77	2	4,343.22	2	4,663.12	2		2		2		2		2		2	
1/4	3,642.95	1/4	4,006.16	1/4	4,350.08	1/4	4,669.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,650.58	1/2	4,013.55	1/2	4,356.95	1/2	4,676.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,658.20	3/4	4,020.93	3/4	4,363.81	3/4	4,683.26	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,665.83	3	4,028.32	3	4,370.68	3	4,689.97	3		3		3		3		3		3	
1/4	3,673.46	1/4	4,035.67	1/4	4,377.50	1/4	4,697.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,681.08	1/2	4,043.03	1/2	4,384.33	1/2	4,704.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.71	3/4	4,050.38	3/4	4,391.16	3/4	4,711.76	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,696.33	4	4,057.73	4	4,397.99	4	4,719.02	4		4		4		4		4		4	
1/4	3,703.96	1/4	4,065.05	1/4	4,404.78	1/4	4,726.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,711.58	1/2	4,072.37	1/2	4,411.56	1/2	4,734.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,719.21	3/4	4,079.69	3/4	4,418.35	3/4	4,741.64	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,726.84	5	4,087.01	5	4,425.14	5	4,749.19	5		5		5		5		5		5	
1/4	3,734.46	1/4	4,094.30	1/4	4,431.90	1/4	4,756.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,742.09	1/2	4,101.58	1/2	4,438.65	1/2	4,764.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,749.71	3/4	4,108.87	3/4	4,445.40	3/4	4,771.58	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,757.34	6	4,116.15	6	4,452.15	6	4,779.04	6		6		6		6		6		6	
1/4	3,764.97	1/4	4,123.40	1/4	4,458.87	1/4	4,785.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,772.59	1/2	4,130.65	1/2	4,465.59	1/2	4,792.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,780.22	3/4	4,137.89	3/4	4,472.31	3/4	4,799.52	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,787.84	7	4,145.14	7	4,479.02	7	4,806.35	7		7		7		7		7		7	
1/4	3,795.47	1/4	4,152.35	1/4	4,485.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,803.10	1/2	4,159.56	1/2	4,492.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,810.72	3/4	4,166.77	3/4	4,499.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,818.35	8	4,173.98	8	4,505.76	8		8		8		8		8		8		8	
1/4	3,825.96	1/4	4,181.16	1/4	4,512.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,833.56	1/2	4,188.33	1/2	4,519.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,841.17	3/4	4,195.50	3/4	4,525.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,848.77	9	4,202.68	9	4,532.36	9		9		9		9		9		9		9	
1/4	3,856.35	1/4	4,209.81	1/4	4,538.97	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,863.92	1/2	4,216.95	1/2	4,545.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,871.50	3/4	4,224.08	3/4	4,552.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,879.07	10	4,231.22	10	4,558.81	10		10		10		10		10		10		10	
1/4	3,886.61	1/4	4,238.32	1/4	4,565.39	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,894.15	1/2	4,245.41	1/2	4,571.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,901.68	3/4	4,252.51	3/4	4,578.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,909.22	11	4,259.61	11	4,585.11	11		11		11		11		11		11		11	
1/4	3,916.72	1/4	4,266.65	1/4	4,591.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,924.22	1/2	4,273.69	1/2	4,598.19	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,931.72	3/4	4,280.73	3/4	4,604.72	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/25/2009 CL - SW  
RECALCULATED: 06/11/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2019

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 27762"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 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	297.53	0	648.64	0	1,013.83	0	1,378.75	0	1,744.27	0	2,110.06	0	2,475.84	0	2,841.62	0	3,207.40
1/4	7.14	1/4	304.64	1/4	656.26	1/4	1,021.42	1/4	1,386.35	1/4	1,751.89	1/4	2,117.68	1/4	2,483.46	1/4	2,849.24	1/4	3,215.02
1/2	10.69	1/2	311.74	1/2	663.88	1/2	1,029.01	1/2	1,393.94	1/2	1,759.51	1/2	2,125.30	1/2	2,491.08	1/2	2,856.86	1/2	3,222.64
3/4	14.24	3/4	318.85	3/4	671.50	3/4	1,036.60	3/4	1,401.53	3/4	1,767.13	3/4	2,132.92	3/4	2,498.70	3/4	2,864.48	3/4	3,230.26
1	17.80	1	325.95	1	679.12	1	1,044.19	1	1,409.13	1	1,774.75	1	2,140.54	1	2,506.32	1	2,872.10	1	3,237.88
1/4	23.29	1/4	333.13	1/4	686.74	1/4	1,051.79	1/4	1,416.72	1/4	1,782.38	1/4	2,148.16	1/4	2,513.94	1/4	2,879.72	1/4	3,245.50
1/2	28.79	1/2	340.30	1/2	694.36	1/2	1,059.38	1/2	1,424.31	1/2	1,790.00	1/2	2,155.78	1/2	2,521.56	1/2	2,887.34	1/2	3,253.12
3/4	34.28	3/4	347.48	3/4	701.98	3/4	1,066.97	3/4	1,431.91	3/4	1,797.62	3/4	2,163.40	3/4	2,529.18	3/4	2,894.96	3/4	3,260.74
2	39.78	2	354.65	2	709.61	2	1,074.56	2	1,439.50	2	1,805.24	2	2,171.02	2	2,536.80	2	2,902.58	2	3,268.36
1/4	45.75	1/4	361.91	1/4	717.23	1/4	1,082.16	1/4	1,447.11	1/4	1,812.86	1/4	2,178.64	1/4	2,544.42	1/4	2,910.20	1/4	3,275.98
1/2	51.71	1/2	369.16	1/2	724.85	1/2	1,089.75	1/2	1,454.71	1/2	1,820.48	1/2	2,186.26	1/2	2,552.04	1/2	2,917.82	1/2	3,283.60
3/4	57.68	3/4	376.41	3/4	732.47	3/4	1,097.34	3/4	1,462.32	3/4	1,828.10	3/4	2,193.88	3/4	2,559.66	3/4	2,925.44	3/4	3,291.22
3	63.65	3	383.66	3	740.09	3	1,104.93	3	1,469.93	3	1,835.72	3	2,201.50	3	2,567.28	3	2,933.06	3	3,298.84
1/4	69.28	1/4	391.01	1/4	747.71	1/4	1,112.53	1/4	1,477.55	1/4	1,843.34	1/4	2,209.12	1/4	2,574.90	1/4	2,940.68	1/4	3,306.46
1/2	74.92	1/2	398.35	1/2	755.33	1/2	1,120.12	1/2	1,485.17	1/2	1,850.96	1/2	2,216.74	1/2	2,582.52	1/2	2,948.30	1/2	3,314.08
3/4	80.56	3/4	405.70	3/4	762.95	3/4	1,127.71	3/4	1,492.79	3/4	1,858.58	3/4	2,224.36	3/4	2,590.14	3/4	2,955.92	3/4	3,321.70
4	86.20	4	413.04	4	770.57	4	1,135.31	4	1,500.41	4	1,866.20	4	2,231.98	4	2,597.76	4	2,963.54	4	3,329.32
1/4	91.93	1/4	420.27	1/4	778.19	1/4	1,142.92	1/4	1,508.03	1/4	1,873.82	1/4	2,239.61	1/4	2,605.38	1/4	2,971.16	1/4	3,336.94
1/2	97.66	1/2	427.49	1/2	785.82	1/2	1,150.53	1/2	1,515.65	1/2	1,881.44	1/2	2,247.23	1/2	2,613.00	1/2	2,978.78	1/2	3,344.56
3/4	103.40	3/4	434.71	3/4	793.44	3/4	1,158.13	3/4	1,523.27	3/4	1,889.07	3/4	2,254.85	3/4	2,620.63	3/4	2,986.40	3/4	3,352.18
5	109.13	5	441.93	5	801.06	5	1,165.74	5	1,530.89	5	1,896.69	5	2,262.47	5	2,628.25	5	2,994.02	5	3,359.80
1/4	115.40	1/4	448.79	1/4	808.68	1/4	1,173.37	1/4	1,538.51	1/4	1,904.31	1/4	2,270.09	1/4	2,635.87	1/4	3,001.65	1/4	3,367.42
1/2	121.66	1/2	455.66	1/2	816.30	1/2	1,180.99	1/2	1,546.13	1/2	1,911.93	1/2	2,277.71	1/2	2,643.49	1/2	3,009.27	1/2	3,375.04
3/4	127.93	3/4	462.52	3/4	823.92	3/4	1,188.61	3/4	1,553.75	3/4	1,919.55	3/4	2,285.33	3/4	2,651.11	3/4	3,016.89	3/4	3,382.67
6	134.19	6	469.39	6	831.54	6	1,196.23	6	1,561.37	6	1,927.17	6	2,292.95	6	2,658.73	6	3,024.51	6	3,390.29
1/4	140.77	1/4	476.32	1/4	839.15	1/4	1,203.85	1/4	1,569.00	1/4	1,934.79	1/4	2,300.57	1/4	2,666.35	1/4	3,032.13	1/4	3,397.91
1/2	147.34	1/2	483.25	1/2	846.76	1/2	1,211.47	1/2	1,576.62	1/2	1,942.41	1/2	2,308.19	1/2	2,673.97	1/2	3,039.75	1/2	3,405.53
3/4	153.91	3/4	490.18	3/4	854.37	3/4	1,219.09	3/4	1,584.24	3/4	1,950.03	3/4	2,315.81	3/4	2,681.59	3/4	3,047.37	3/4	3,413.15
7	160.48	7	497.11	7	861.98	7	1,226.71	7	1,591.86	7	1,957.65	7	2,323.43	7	2,689.21	7	3,054.99	7	3,420.77
1/4	167.15	1/4	504.50	1/4	869.57	1/4	1,234.34	1/4	1,599.48	1/4	1,965.27	1/4	2,331.05	1/4	2,696.83	1/4	3,062.61	1/4	3,428.39
1/2	173.82	1/2	511.90	1/2	877.16	1/2	1,241.96	1/2	1,607.10	1/2	1,972.89	1/2	2,338.67	1/2	2,704.45	1/2	3,070.23	1/2	3,436.01
3/4	180.48	3/4	519.30	3/4	884.76	3/4	1,249.58	3/4	1,614.72	3/4	1,980.51	3/4	2,346.29	3/4	2,712.07	3/4	3,077.85	3/4	3,443.63
8	187.15	8	526.70	8	892.35	8	1,257.20	8	1,622.34	8	1,988.13	8	2,353.91	8	2,719.69	8	3,085.47	8	3,451.25
1/4	193.92	1/4	534.32	1/4	899.94	1/4	1,264.81	1/4	1,629.96	1/4	1,995.75	1/4	2,361.53	1/4	2,727.31	1/4	3,093.09	1/4	3,458.87
1/2	200.68	1/2	541.94	1/2	907.54	1/2	1,272.41	1/2	1,637.58	1/2	2,003.37	1/2	2,369.15	1/2	2,734.93	1/2	3,100.71	1/2	3,466.49
3/4	207.45	3/4	549.56	3/4	915.13	3/4	1,280.02	3/4	1,645.20	3/4	2,010.99	3/4	2,376.77	3/4	2,742.55	3/4	3,108.33	3/4	3,474.11
9	214.22	9	557.18	9	922.72	9	1,287.63	9	1,652.82	9	2,018.61	9	2,384.39	9	2,750.17	9	3,115.95	9	3,481.73
1/4	221.08	1/4	564.80	1/4	930.31	1/4	1,295.22	1/4	1,660.44	1/4	2,026.23	1/4	2,392.01	1/4	2,757.79	1/4	3,123.57	1/4	3,489.35
1/2	227.93	1/2	572.43	1/2	937.91	1/2	1,302.82	1/2	1,668.06	1/2	2,033.85	1/2	2,399.63	1/2	2,765.41	1/2	3,131.19	1/2	3,496.97
3/4	234.79	3/4	580.05	3/4	945.50	3/4	1,310.41	3/4	1,675.69	3/4	2,041.47	3/4	2,407.25	3/4	2,773.03	3/4	3,138.81	3/4	3,504.59
10	241.65	10	587.67	10	953.09	10	1,318.00	10	1,683.31	10	2,049.10	10	2,414.87	10	2,780.65	10	3,146.43	10	3,512.21
1/4	248.59	1/4	595.29	1/4	960.68	1/4	1,325.60	1/4	1,690.93	1/4	2,056.72	1/4	2,422.49	1/4	2,788.27	1/4	3,154.05	1/4	3,519.83
1/2	255.54	1/2	602.91	1/2	968.27	1/2	1,333.19	1/2	1,698.55	1/2	2,064.34	1/2	2,430.12	1/2	2,795.89	1/2	3,161.67	1/2	3,527.45
3/4	262.48	3/4	610.53	3/4	975.87	3/4	1,340.79	3/4	1,706.17	3/4	2,071.96	3/4	2,437.74	3/4	2,803.51	3/4	3,169.29	3/4	3,535.07
11	269.42	11	618.15	11	983.46	11	1,348.38	11	1,713.79	11	2,079.58	11	2,445.36	11	2,811.14	11	3,176.91	11	3,542.69
1/4	276.45	1/4	625.77	1/4	991.05	1/4	1,355.97	1/4	1,721.41	1/4	2,087.20	1/4	2,452.98	1/4	2,818.76	1/4	3,184.53	1/4	3,550.31
1/2	283.48	1/2	633.40	1/2	998.64	1/2	1,363.57	1/2	1,729.03	1/2	2,094.82	1/2	2,460.60	1/2	2,826.38	1/2	3,192.16	1/2	3,557.93
3/4	290.51	3/4	641.02	3/4	1,006.23	3/4	1,371.16	3/4	1,736.65	3/4	2,102.44	3/4	2,468.22	3/4	2,834.00	3/4	3,199.78	3/4	3,565.55

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 2" STANDPIPE

GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 52'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27762"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 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	3,573.18	0	3,937.81	0	4,286.11	0	4,609.37	0		0		0		0		0		0	
1/4	3,580.80	1/4	3,945.27	1/4	4,293.07	1/4	4,615.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,588.42	1/2	3,952.72	1/2	4,300.02	1/2	4,622.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,596.04	3/4	3,960.18	3/4	4,306.98	3/4	4,628.86	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,603.66	1	3,967.64	1	4,313.93	1	4,635.36	1		1		1		1		1		1	
1/4	3,611.28	1/4	3,975.06	1/4	4,320.83	1/4	4,641.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,618.90	1/2	3,982.48	1/2	4,327.73	1/2	4,648.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,626.52	3/4	3,989.90	3/4	4,334.62	3/4	4,654.73	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,634.14	2	3,997.32	2	4,341.52	2	4,661.19	2		2		2		2		2		2	
1/4	3,641.76	1/4	4,004.70	1/4	4,348.38	1/4	4,667.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,649.38	1/2	4,012.08	1/2	4,355.24	1/2	4,674.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,657.00	3/4	4,019.47	3/4	4,362.10	3/4	4,681.32	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,664.62	3	4,026.85	3	4,368.96	3	4,688.03	3		3		3		3		3		3	
1/4	3,672.24	1/4	4,034.20	1/4	4,375.78	1/4	4,695.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,679.86	1/2	4,041.54	1/2	4,382.60	1/2	4,702.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,687.48	3/4	4,048.89	3/4	4,389.43	3/4	4,709.80	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,695.10	4	4,056.24	4	4,396.25	4	4,717.06	4		4		4		4		4		4	
1/4	3,702.72	1/4	4,063.55	1/4	4,403.03	1/4	4,724.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,710.34	1/2	4,070.87	1/2	4,409.82	1/2	4,732.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,717.96	3/4	4,078.18	3/4	4,416.60	3/4	4,739.66	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,725.58	5	4,085.50	5	4,423.39	5	4,747.20	5		5		5		5		5		5	
1/4	3,733.20	1/4	4,092.78	1/4	4,430.14	1/4	4,754.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.82	1/2	4,100.06	1/2	4,436.88	1/2	4,762.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,748.44	3/4	4,107.34	3/4	4,443.63	3/4	4,769.57	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,756.06	6	4,114.62	6	4,450.38	6	4,777.03	6		6		6		6		6		6	
1/4	3,763.69	1/4	4,121.86	1/4	4,457.09	1/4	4,783.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,771.31	1/2	4,129.10	1/2	4,463.81	1/2	4,790.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,778.93	3/4	4,136.34	3/4	4,470.52	3/4	4,797.50	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,786.55	7	4,143.59	7	4,477.23	7	4,804.32	7		7		7		7		7		7	
1/4	3,794.17	1/4	4,150.79	1/4	4,483.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,801.79	1/2	4,158.00	1/2	4,490.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,809.41	3/4	4,165.20	3/4	4,497.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,817.03	8	4,172.41	8	4,503.95	8		8		8		8		8		8		8	
1/4	3,824.63	1/4	4,179.57	1/4	4,510.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,832.23	1/2	4,186.74	1/2	4,517.24	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,839.83	3/4	4,193.91	3/4	4,523.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,847.43	9	4,201.08	9	4,530.53	9		9		9		9		9		9		9	
1/4	3,855.00	1/4	4,208.21	1/4	4,537.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,862.57	1/2	4,215.34	1/2	4,543.75	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,870.14	3/4	4,222.47	3/4	4,550.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,877.70	10	4,229.60	10	4,556.96	10		10		10		10		10		10		10	
1/4	3,885.24	1/4	4,236.69	1/4	4,563.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,892.77	1/2	4,243.79	1/2	4,570.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,900.30	3/4	4,250.88	3/4	4,576.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,907.83	11	4,257.97	11	4,583.24	11		11		11		11		11		11		11	
1/4	3,915.33	1/4	4,265.01	1/4	4,589.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,922.82	1/2	4,272.04	1/2	4,596.31	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,930.32	3/4	4,279.08	3/4	4,602.84	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/25/2009 CL - SW  
RECALCULATED: 06/11/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2019

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 27762"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

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	355.85	0	711.93	0	1,065.86	0	1,420.71	0	1,782.02	0	2,145.59	0	2,509.15	0	2,872.72	0	3,236.28
1/4	18.29	1/4	363.41	1/4	719.50	1/4	1,073.11	1/4	1,428.13	1/4	1,789.60	1/4	2,153.17	1/4	2,516.73	1/4	2,880.29	1/4	3,243.85
1/2	23.33	1/2	370.98	1/2	727.07	1/2	1,080.35	1/2	1,435.54	1/2	1,797.17	1/2	2,160.74	1/2	2,524.30	1/2	2,887.86	1/2	3,251.43
3/4	28.38	3/4	378.55	3/4	734.65	3/4	1,087.60	3/4	1,442.95	3/4	1,804.74	3/4	2,168.31	3/4	2,531.88	3/4	2,895.44	3/4	3,259.00
1	33.43	1	386.11	1	742.22	1	1,094.84	1	1,450.36	1	1,812.32	1	2,175.89	1	2,539.45	1	2,903.01	1	3,266.57
1/4	40.32	1/4	393.67	1/4	749.80	1/4	1,102.09	1/4	1,457.78	1/4	1,819.89	1/4	2,183.46	1/4	2,547.02	1/4	2,910.59	1/4	3,274.15
1/2	47.21	1/2	401.22	1/2	757.37	1/2	1,109.33	1/2	1,465.19	1/2	1,827.47	1/2	2,191.04	1/2	2,554.60	1/2	2,918.16	1/2	3,281.72
3/4	54.11	3/4	408.77	3/4	764.95	3/4	1,116.58	3/4	1,472.60	3/4	1,835.04	3/4	2,198.61	3/4	2,562.17	3/4	2,925.73	3/4	3,289.30
2	61.00	2	416.32	2	772.52	2	1,123.82	2	1,480.01	2	1,842.62	2	2,206.19	2	2,569.75	2	2,933.31	2	3,296.87
1/4	68.27	1/4	423.87	1/4	780.10	1/4	1,131.07	1/4	1,487.43	1/4	1,850.19	1/4	2,213.76	1/4	2,577.32	1/4	2,940.88	1/4	3,304.44
1/2	75.55	1/2	431.41	1/2	787.67	1/2	1,138.31	1/2	1,494.84	1/2	1,857.77	1/2	2,221.33	1/2	2,584.90	1/2	2,948.46	1/2	3,312.02
3/4	82.82	3/4	438.96	3/4	795.25	3/4	1,145.56	3/4	1,502.25	3/4	1,865.34	3/4	2,228.91	3/4	2,592.47	3/4	2,956.03	3/4	3,319.59
3	90.10	3	446.50	3	802.82	3	1,152.80	3	1,509.66	3	1,872.92	3	2,236.48	3	2,600.04	3	2,963.61	3	3,327.17
1/4	96.96	1/4	454.06	1/4	810.40	1/4	1,160.05	1/4	1,517.16	1/4	1,880.49	1/4	2,244.06	1/4	2,607.62	1/4	2,971.18	1/4	3,334.74
1/2	103.82	1/2	461.61	1/2	817.97	1/2	1,167.29	1/2	1,524.65	1/2	1,888.06	1/2	2,251.63	1/2	2,615.19	1/2	2,978.75	1/2	3,342.32
3/4	110.68	3/4	469.16	3/4	825.55	3/4	1,174.54	3/4	1,532.14	3/4	1,895.64	3/4	2,259.21	3/4	2,622.77	3/4	2,986.33	3/4	3,349.89
4	117.54	4	476.71	4	833.12	4	1,181.79	4	1,539.64	4	1,903.21	4	2,266.78	4	2,630.34	4	2,993.90	4	3,357.46
1/4	124.42	1/4	484.06	1/4	840.55	1/4	1,189.05	1/4	1,547.21	1/4	1,910.79	1/4	2,274.35	1/4	2,637.92	1/4	3,001.48	1/4	3,365.04
1/2	131.29	1/2	491.40	1/2	847.97	1/2	1,196.31	1/2	1,554.79	1/2	1,918.36	1/2	2,281.93	1/2	2,645.49	1/2	3,009.05	1/2	3,372.61
3/4	138.16	3/4	498.75	3/4	855.40	3/4	1,203.57	3/4	1,562.36	3/4	1,925.94	3/4	2,289.50	3/4	2,653.06	3/4	3,016.63	3/4	3,380.19
5	145.04	5	506.09	5	862.82	5	1,210.83	5	1,569.94	5	1,933.51	5	2,297.08	5	2,660.64	5	3,024.20	5	3,387.76
1/4	152.36	1/4	512.99	1/4	870.09	1/4	1,218.26	1/4	1,577.51	1/4	1,941.09	1/4	2,304.65	1/4	2,668.21	1/4	3,031.77	1/4	3,395.34
1/2	159.67	1/2	519.90	1/2	877.37	1/2	1,225.68	1/2	1,585.08	1/2	1,948.66	1/2	2,312.22	1/2	2,675.79	1/2	3,039.35	1/2	3,402.91
3/4	166.99	3/4	526.80	3/4	884.64	3/4	1,233.11	3/4	1,592.66	3/4	1,956.23	3/4	2,319.80	3/4	2,683.36	3/4	3,046.92	3/4	3,410.48
6	174.31	6	533.70	6	891.91	6	1,240.53	6	1,600.23	6	1,963.81	6	2,327.37	6	2,690.93	6	3,054.50	6	3,418.06
1/4	181.85	1/4	540.61	1/4	899.17	1/4	1,248.11	1/4	1,607.81	1/4	1,971.38	1/4	2,334.95	1/4	2,698.51	1/4	3,062.07	1/4	3,425.63
1/2	189.40	1/2	547.51	1/2	906.44	1/2	1,255.68	1/2	1,615.38	1/2	1,978.96	1/2	2,342.52	1/2	2,706.08	1/2	3,069.64	1/2	3,433.21
3/4	196.94	3/4	554.41	3/4	913.70	3/4	1,263.26	3/4	1,622.96	3/4	1,986.53	3/4	2,350.10	3/4	2,713.66	3/4	3,077.22	3/4	3,440.78
7	204.48	7	561.32	7	920.96	7	1,270.83	7	1,630.53	7	1,994.11	7	2,357.67	7	2,721.23	7	3,084.79	7	3,448.35
1/4	212.03	1/4	568.67	1/4	928.21	1/4	1,278.41	1/4	1,638.11	1/4	2,001.68	1/4	2,365.24	1/4	2,728.81	1/4	3,092.37	1/4	3,455.93
1/2	219.59	1/2	576.02	1/2	935.45	1/2	1,285.98	1/2	1,645.68	1/2	2,009.26	1/2	2,372.82	1/2	2,736.38	1/2	3,099.94	1/2	3,463.50
3/4	227.14	3/4	583.37	3/4	942.70	3/4	1,293.56	3/4	1,653.25	3/4	2,016.83	3/4	2,380.39	3/4	2,743.95	3/4	3,107.52	3/4	3,471.08
8	234.69	8	590.72	8	949.95	8	1,301.13	8	1,660.83	8	2,024.40	8	2,387.97	8	2,751.53	8	3,115.09	8	3,478.65
1/4	242.26	1/4	598.30	1/4	957.19	1/4	1,308.71	1/4	1,668.40	1/4	2,031.98	1/4	2,395.54	1/4	2,759.10	1/4	3,122.66	1/4	3,486.23
1/2	249.82	1/2	605.87	1/2	964.43	1/2	1,316.28	1/2	1,675.98	1/2	2,039.55	1/2	2,403.12	1/2	2,766.68	1/2	3,130.24	1/2	3,493.80
3/4	257.39	3/4	613.45	3/4	971.68	3/4	1,323.86	3/4	1,683.55	3/4	2,047.13	3/4	2,410.69	3/4	2,774.25	3/4	3,137.81	3/4	3,501.37
9	264.96	9	621.02	9	978.92	9	1,331.43	9	1,691.13	9	2,054.70	9	2,418.26	9	2,781.83	9	3,145.39	9	3,508.95
1/4	272.53	1/4	628.60	1/4	986.17	1/4	1,338.93	1/4	1,698.70	1/4	2,062.28	1/4	2,425.84	1/4	2,789.40	1/4	3,152.96	1/4	3,516.52
1/2	280.11	1/2	636.17	1/2	993.41	1/2	1,346.42	1/2	1,706.28	1/2	2,069.85	1/2	2,433.41	1/2	2,796.97	1/2	3,160.54	1/2	3,524.10
3/4	287.68	3/4	643.75	3/4	1,000.66	3/4	1,353.91	3/4	1,713.85	3/4	2,077.42	3/4	2,440.99	3/4	2,804.55	3/4	3,168.11	3/4	3,531.67
10	295.25	10	651.33	10	1,007.90	10	1,361.41	10	1,721.43	10	2,085.00	10	2,448.56	10	2,812.12	10	3,175.68	10	3,539.25
1/4	302.83	1/4	658.90	1/4	1,015.15	1/4	1,368.82	1/4	1,729.00	1/4	2,092.57	1/4	2,456.13	1/4	2,819.70	1/4	3,183.26	1/4	3,546.82
1/2	310.40	1/2	666.48	1/2	1,022.39	1/2	1,376.24	1/2	1,736.57	1/2	2,100.15	1/2	2,463.71	1/2	2,827.27	1/2	3,190.83	1/2	3,554.39
3/4	317.98	3/4	674.05	3/4	1,029.64	3/4	1,383.65	3/4	1,744.15	3/4	2,107.72	3/4	2,471.28	3/4	2,834.84	3/4	3,198.41	3/4	3,561.97
11	325.55	11	681.63	11	1,036.88	11	1,391.06	11	1,751.72	11	2,115.30	11	2,478.86	11	2,842.42	11	3,205.98	11	3,569.54
1/4	333.12	1/4	689.20	1/4	1,044.13	1/4	1,398.47	1/4	1,759.30	1/4	2,122.87	1/4	2,486.43	1/4	2,849.99	1/4	3,213.55	1/4	3,577.12
1/2	340.70	1/2	696.78	1/2	1,051.37	1/2	1,405.89	1/2	1,766.87	1/2	2,130.44	1/2	2,494.01	1/2	2,857.57	1/2	3,221.13	1/2	3,584.69
3/4	348.27	3/4	704.35	3/4	1,058.62	3/4	1,413.30	3/4	1,774.45	3/4	2,138.02	3/4	2,501.58	3/4	2,865.14	3/4	3,228.70	3/4	3,592.26

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 2" STANDPIPE  
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 52'-03" 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 27762"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

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	3,599.84	0	3,962.27	0	4,308.46	0	4,629.74	0		0		0		0		0		0	
1/4	3,607.41	1/4	3,969.68	1/4	4,315.37	1/4	4,636.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,614.99	1/2	3,977.09	1/2	4,322.29	1/2	4,642.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,622.56	3/4	3,984.50	3/4	4,329.20	3/4	4,649.10	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,630.14	1	3,991.92	1	4,336.11	1	4,655.56	1		1		1		1		1		1	
1/4	3,637.71	1/4	3,999.29	1/4	4,342.97	1/4	4,661.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,645.28	1/2	4,006.67	1/2	4,349.82	1/2	4,668.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,652.86	3/4	4,014.04	3/4	4,356.68	3/4	4,674.82	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,660.43	2	4,021.42	2	4,363.53	2	4,681.23	2		2		2		2		2		2	
1/4	3,668.01	1/4	4,028.75	1/4	4,370.35	1/4	4,687.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,675.58	1/2	4,036.09	1/2	4,377.16	1/2	4,694.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,683.15	3/4	4,043.43	3/4	4,383.98	3/4	4,701.24	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,690.73	3	4,050.77	3	4,390.80	3	4,707.91	3		3		3		3		3		3	
1/4	3,698.30	1/4	4,058.07	1/4	4,397.58	1/4	4,715.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,705.88	1/2	4,065.37	1/2	4,404.36	1/2	4,722.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,713.45	3/4	4,072.68	3/4	4,411.14	3/4	4,729.54	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,721.03	4	4,079.98	4	4,417.92	4	4,736.76	4		4		4		4		4		4	
1/4	3,728.60	1/4	4,087.25	1/4	4,424.66	1/4	4,744.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,736.17	1/2	4,094.52	1/2	4,431.41	1/2	4,751.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.75	3/4	4,101.79	3/4	4,438.15	3/4	4,759.23	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,751.32	5	4,109.06	5	4,444.89	5	4,766.72	5		5		5		5		5		5	
1/4	3,758.90	1/4	4,116.30	1/4	4,451.60	1/4	4,774.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.47	1/2	4,123.53	1/2	4,458.31	1/2	4,781.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,774.05	3/4	4,130.77	3/4	4,465.01	3/4	4,788.95	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,781.62	6	4,138.00	6	4,471.72	6	4,796.36	6		6		6		6		6		6	
1/4	3,789.19	1/4	4,145.20	1/4	4,478.39	1/4	4,803.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,796.77	1/2	4,152.40	1/2	4,485.06	1/2	4,809.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,804.34	3/4	4,159.60	3/4	4,491.73	3/4	4,816.70	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,811.92	7	4,166.80	7	4,498.41	7	4,823.48	7		7		7		7		7		7	
1/4	3,819.49	1/4	4,173.96	1/4	4,505.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,827.07	1/2	4,181.12	1/2	4,511.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,834.64	3/4	4,188.28	3/4	4,518.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,842.22	8	4,195.44	8	4,524.96	8		8		8		8		8		8		8	
1/4	3,849.77	1/4	4,202.57	1/4	4,531.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,857.33	1/2	4,209.69	1/2	4,538.17	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,864.88	3/4	4,216.82	3/4	4,544.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,872.44	9	4,223.94	9	4,551.38	9		9		9		9		9		9		9	
1/4	3,879.96	1/4	4,231.03	1/4	4,557.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,887.48	1/2	4,238.12	1/2	4,564.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,895.01	3/4	4,245.20	3/4	4,571.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,902.53	10	4,252.29	10	4,577.65	10		10		10		10		10		10		10	
1/4	3,910.01	1/4	4,259.34	1/4	4,584.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,917.50	1/2	4,266.39	1/2	4,590.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,924.99	3/4	4,273.44	3/4	4,597.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,932.47	11	4,280.49	11	4,603.77	11		11		11		11		11		11		11	
1/4	3,939.92	1/4	4,287.48	1/4	4,610.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,947.37	1/2	4,294.48	1/2	4,616.75	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,954.82	3/4	4,301.47	3/4	4,623.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/25/2009 CL - SW  
RECALCULATED: 06/11/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2019

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 27762"

## 2 STBD 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	13.24	0	355.89	0	712.01	0	1,075.03	0	1,436.55	0	1,797.90	0	2,161.52	0	2,525.13	0	2,888.74	0	3,252.35
1/4	18.29	1/4	363.46	1/4	719.59	1/4	1,082.58	1/4	1,443.96	1/4	1,805.48	1/4	2,169.09	1/4	2,532.70	1/4	2,896.31	1/4	3,259.92
1/2	23.34	1/2	371.02	1/2	727.16	1/2	1,090.12	1/2	1,451.38	1/2	1,813.05	1/2	2,176.67	1/2	2,540.28	1/2	2,903.89	1/2	3,267.50
3/4	28.38	3/4	378.59	3/4	734.74	3/4	1,097.67	3/4	1,458.79	3/4	1,820.63	3/4	2,184.24	3/4	2,547.85	3/4	2,911.46	3/4	3,275.07
1	33.43	1	386.16	1	742.31	1	1,105.22	1	1,466.20	1	1,828.21	1	2,191.82	1	2,555.43	1	2,919.04	1	3,282.65
1/4	40.33	1/4	393.71	1/4	749.89	1/4	1,112.76	1/4	1,473.62	1/4	1,835.78	1/4	2,199.39	1/4	2,563.00	1/4	2,926.61	1/4	3,290.22
1/2	47.22	1/2	401.27	1/2	757.47	1/2	1,120.31	1/2	1,481.03	1/2	1,843.36	1/2	2,206.97	1/2	2,570.58	1/2	2,934.19	1/2	3,297.80
3/4	54.11	3/4	408.82	3/4	765.04	3/4	1,127.86	3/4	1,488.44	3/4	1,850.93	3/4	2,214.54	3/4	2,578.15	3/4	2,941.76	3/4	3,305.37
2	61.01	2	416.37	2	772.62	2	1,135.40	2	1,495.86	2	1,858.51	2	2,222.12	2	2,585.73	2	2,949.34	2	3,312.95
1/4	68.28	1/4	423.92	1/4	780.19	1/4	1,142.95	1/4	1,503.27	1/4	1,866.08	1/4	2,229.69	1/4	2,593.30	1/4	2,956.91	1/4	3,320.52
1/2	75.56	1/2	431.47	1/2	787.77	1/2	1,150.50	1/2	1,510.68	1/2	1,873.66	1/2	2,237.27	1/2	2,600.88	1/2	2,964.49	1/2	3,328.10
3/4	82.83	3/4	439.01	3/4	795.35	3/4	1,158.04	3/4	1,518.10	3/4	1,881.23	3/4	2,244.84	3/4	2,608.45	3/4	2,972.06	3/4	3,335.67
3	90.11	3	446.56	3	802.92	3	1,165.59	3	1,525.51	3	1,888.81	3	2,252.42	3	2,616.03	3	2,979.64	3	3,343.25
1/4	96.97	1/4	454.11	1/4	810.50	1/4	1,173.14	1/4	1,533.00	1/4	1,896.38	1/4	2,259.99	1/4	2,623.60	1/4	2,987.21	1/4	3,350.82
1/2	103.83	1/2	461.66	1/2	818.07	1/2	1,180.69	1/2	1,540.50	1/2	1,903.96	1/2	2,267.57	1/2	2,631.18	1/2	2,994.79	1/2	3,358.40
3/4	110.70	3/4	469.22	3/4	825.65	3/4	1,188.24	3/4	1,547.99	3/4	1,911.54	3/4	2,275.15	3/4	2,638.75	3/4	3,002.36	3/4	3,365.97
4	117.56	4	476.77	4	833.22	4	1,195.79	4	1,555.49	4	1,919.11	4	2,282.72	4	2,646.33	4	3,009.94	4	3,373.55
1/4	124.43	1/4	484.12	1/4	840.80	1/4	1,203.35	1/4	1,563.06	1/4	1,926.69	1/4	2,290.30	1/4	2,653.91	1/4	3,017.51	1/4	3,381.12
1/2	131.31	1/2	491.46	1/2	848.38	1/2	1,210.91	1/2	1,570.64	1/2	1,934.26	1/2	2,297.87	1/2	2,661.48	1/2	3,025.09	1/2	3,388.70
3/4	138.18	3/4	498.81	3/4	855.95	3/4	1,218.48	3/4	1,578.21	3/4	1,941.84	3/4	2,305.45	3/4	2,669.06	3/4	3,032.67	3/4	3,396.27
5	145.06	5	506.15	5	863.53	5	1,226.04	5	1,585.79	5	1,949.41	5	2,313.02	5	2,676.63	5	3,040.24	5	3,403.85
1/4	152.37	1/4	513.06	1/4	871.10	1/4	1,233.62	1/4	1,593.36	1/4	1,956.99	1/4	2,320.60	1/4	2,684.21	1/4	3,047.82	1/4	3,411.43
1/2	159.69	1/2	519.96	1/2	878.68	1/2	1,241.19	1/2	1,600.94	1/2	1,964.56	1/2	2,328.17	1/2	2,691.78	1/2	3,055.39	1/2	3,419.00
3/4	167.01	3/4	526.86	3/4	886.26	3/4	1,248.77	3/4	1,608.52	3/4	1,972.14	3/4	2,335.75	3/4	2,699.36	3/4	3,062.97	3/4	3,426.58
6	174.33	6	533.77	6	893.83	6	1,256.34	6	1,616.09	6	1,979.71	6	2,343.32	6	2,706.93	6	3,070.54	6	3,434.15
1/4	181.88	1/4	540.67	1/4	901.39	1/4	1,263.92	1/4	1,623.67	1/4	1,987.29	1/4	2,350.90	1/4	2,714.51	1/4	3,078.12	1/4	3,441.73
1/2	189.42	1/2	547.58	1/2	908.96	1/2	1,271.50	1/2	1,631.24	1/2	1,994.87	1/2	2,358.47	1/2	2,722.08	1/2	3,085.69	1/2	3,449.30
3/4	196.96	3/4	554.48	3/4	916.52	3/4	1,279.07	3/4	1,638.82	3/4	2,002.44	3/4	2,366.05	3/4	2,729.66	3/4	3,093.27	3/4	3,456.88
7	204.51	7	561.39	7	924.08	7	1,286.65	7	1,646.39	7	2,010.02	7	2,373.62	7	2,737.23	7	3,100.84	7	3,464.45
1/4	212.06	1/4	568.74	1/4	931.63	1/4	1,294.22	1/4	1,653.97	1/4	2,017.59	1/4	2,381.20	1/4	2,744.81	1/4	3,108.42	1/4	3,472.03
1/2	219.61	1/2	576.09	1/2	939.18	1/2	1,301.80	1/2	1,661.54	1/2	2,025.17	1/2	2,388.77	1/2	2,752.38	1/2	3,115.99	1/2	3,479.60
3/4	227.17	3/4	583.44	3/4	946.73	3/4	1,309.38	3/4	1,669.12	3/4	2,032.74	3/4	2,396.35	3/4	2,759.96	3/4	3,123.57	3/4	3,487.18
8	234.72	8	590.80	8	954.28	8	1,316.95	8	1,676.70	8	2,040.31	8	2,403.92	8	2,767.53	8	3,131.14	8	3,494.75
1/4	242.29	1/4	598.37	1/4	961.83	1/4	1,324.53	1/4	1,684.27	1/4	2,047.89	1/4	2,411.50	1/4	2,775.11	1/4	3,138.72	1/4	3,502.33
1/2	249.85	1/2	605.95	1/2	969.37	1/2	1,332.10	1/2	1,691.85	1/2	2,055.46	1/2	2,419.07	1/2	2,782.68	1/2	3,146.29	1/2	3,509.90
3/4	257.42	3/4	613.52	3/4	976.92	3/4	1,339.68	3/4	1,699.42	3/4	2,063.04	3/4	2,426.65	3/4	2,790.26	3/4	3,153.87	3/4	3,517.48
9	264.99	9	621.10	9	984.47	9	1,347.26	9	1,707.00	9	2,070.61	9	2,434.22	9	2,797.83	9	3,161.44	9	3,525.05
1/4	272.56	1/4	628.68	1/4	992.01	1/4	1,354.75	1/4	1,714.57	1/4	2,078.19	1/4	2,441.80	1/4	2,805.41	1/4	3,169.02	1/4	3,532.63
1/2	280.14	1/2	636.25	1/2	999.56	1/2	1,362.25	1/2	1,722.15	1/2	2,085.77	1/2	2,449.37	1/2	2,812.98	1/2	3,176.59	1/2	3,540.20
3/4	287.71	3/4	643.83	3/4	1,007.11	3/4	1,369.74	3/4	1,729.72	3/4	2,093.34	3/4	2,456.95	3/4	2,820.56	3/4	3,184.17	3/4	3,547.78
10	295.29	10	651.41	10	1,014.65	10	1,377.24	10	1,737.30	10	2,100.92	10	2,464.53	10	2,828.13	10	3,191.74	10	3,555.35
1/4	302.86	1/4	658.98	1/4	1,022.20	1/4	1,384.65	1/4	1,744.87	1/4	2,108.49	1/4	2,472.10	1/4	2,835.71	1/4	3,199.32	1/4	3,562.93
1/2	310.44	1/2	666.56	1/2	1,029.75	1/2	1,392.07	1/2	1,752.45	1/2	2,116.07	1/2	2,479.68	1/2	2,843.29	1/2	3,206.89	1/2	3,570.50
3/4	318.01	3/4	674.13	3/4	1,037.29	3/4	1,399.48	3/4	1,760.03	3/4	2,123.64	3/4	2,487.25	3/4	2,850.86	3/4	3,214.47	3/4	3,578.08
11	325.59	11	681.71	11	1,044.84	11	1,406.89	11	1,767.60	11	2,131.22	11	2,494.83	11	2,858.44	11	3,222.05	11	3,585.65
1/4	333.16	1/4	689.28	1/4	1,052.39	1/4	1,414.31	1/4	1,775.18	1/4	2,138.79	1/4	2,502.40	1/4	2,866.01	1/4	3,229.62	1/4	3,593.23
1/2	340.74	1/2	696.86	1/2	1,059.93	1/2	1,421.72	1/2	1,782.75	1/2	2,146.37	1/2	2,509.98	1/2	2,873.59	1/2	3,237.20	1/2	3,600.81
3/4	348.31	3/4	704.44	3/4	1,067.48	3/4	1,429.13	3/4	1,790.33	3/4	2,153.94	3/4	2,517.55	3/4	2,881.16	3/4	3,244.77	3/4	3,608.38

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 2" STANDPIPE  
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 52'-03" 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 27762"

## 2 STBD 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	3,615.96	0	3,978.41	0	4,324.65	0	4,645.96	0		0		0		0		0		0	
1/4	3,623.53	1/4	3,985.83	1/4	4,331.56	1/4	4,652.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,631.11	1/2	3,993.24	1/2	4,338.48	1/2	4,658.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,638.68	3/4	4,000.65	3/4	4,345.39	3/4	4,665.33	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,646.26	1	4,008.07	1	4,352.30	1	4,671.79	1		1		1		1		1		1	
1/4	3,653.83	1/4	4,015.44	1/4	4,359.16	1/4	4,678.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,661.41	1/2	4,022.82	1/2	4,366.01	1/2	4,684.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,668.98	3/4	4,030.19	3/4	4,372.87	3/4	4,691.05	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,676.56	2	4,037.57	2	4,379.72	2	4,697.47	2		2		2		2		2		2	
1/4	3,684.13	1/4	4,044.91	1/4	4,386.54	1/4	4,704.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,691.71	1/2	4,052.25	1/2	4,393.36	1/2	4,710.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,699.28	3/4	4,059.59	3/4	4,400.18	3/4	4,717.47	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,706.86	3	4,066.92	3	4,407.00	3	4,724.14	3		3		3		3		3		3	
1/4	3,714.43	1/4	4,074.23	1/4	4,413.78	1/4	4,731.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.01	1/2	4,081.53	1/2	4,420.56	1/2	4,738.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,729.58	3/4	4,088.84	3/4	4,427.34	3/4	4,745.78	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,737.16	4	4,096.14	4	4,434.12	4	4,753.00	4		4		4		4		4		4	
1/4	3,744.73	1/4	4,103.41	1/4	4,440.87	1/4	4,760.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,752.31	1/2	4,110.68	1/2	4,447.61	1/2	4,767.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.88	3/4	4,117.95	3/4	4,454.35	3/4	4,775.47	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,767.46	5	4,125.22	5	4,461.10	5	4,782.96	5		5		5		5		5		5	
1/4	3,775.03	1/4	4,132.46	1/4	4,467.81	1/4	4,790.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.61	1/2	4,139.70	1/2	4,474.51	1/2	4,797.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,790.19	3/4	4,146.93	3/4	4,481.22	3/4	4,805.20	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,797.76	6	4,154.17	6	4,487.93	6	4,812.61	6		6		6		6		6		6	
1/4	3,805.34	1/4	4,161.37	1/4	4,494.60	1/4	4,819.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,812.91	1/2	4,168.57	1/2	4,501.27	1/2	4,826.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,820.49	3/4	4,175.77	3/4	4,507.94	3/4	4,832.95	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,828.06	7	4,182.97	7	4,514.62	7	4,839.73	7		7		7		7		7		7	
1/4	3,835.63	1/4	4,190.13	1/4	4,521.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,843.20	1/2	4,197.29	1/2	4,527.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.78	3/4	4,204.46	3/4	4,534.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,858.35	8	4,211.62	8	4,541.18	8		8		8		8		8		8		8	
1/4	3,865.90	1/4	4,218.74	1/4	4,547.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,873.46	1/2	4,225.87	1/2	4,554.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,881.01	3/4	4,232.99	3/4	4,560.99	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,888.57	9	4,240.12	9	4,567.60	9		9		9		9		9		9		9	
1/4	3,896.09	1/4	4,247.21	1/4	4,574.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,903.62	1/2	4,254.30	1/2	4,580.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,911.14	3/4	4,261.38	3/4	4,587.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,918.67	10	4,268.47	10	4,593.87	10		10		10		10		10		10		10	
1/4	3,926.15	1/4	4,275.52	1/4	4,600.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,933.64	1/2	4,282.57	1/2	4,606.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,941.13	3/4	4,289.63	3/4	4,613.46	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,948.61	11	4,296.68	11	4,619.99	11		11		11		11		11		11		11	
1/4	3,956.06	1/4	4,303.67	1/4	4,626.48	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,963.51	1/2	4,310.66	1/2	4,632.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,970.96	3/4	4,317.66	3/4	4,639.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/25/2009 CL - SW  
RECALCULATED: 06/11/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2019

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 27762"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	47.13	0	324.94	0	677.80	0	1,030.02	0	1,386.53	0	1,747.98	0	2,110.96	0	2,473.93	0	2,836.90	0	3,199.91
1/4	48.08	1/4	332.48	1/4	685.15	1/4	1,037.34	1/4	1,393.92	1/4	1,755.54	1/4	2,118.52	1/4	2,481.49	1/4	2,844.46	1/4	3,207.50
1/2	49.03	1/2	340.01	1/2	692.51	1/2	1,044.67	1/2	1,401.31	1/2	1,763.11	1/2	2,126.08	1/2	2,489.05	1/2	2,852.02	1/2	3,215.08
3/4	49.97	3/4	347.55	3/4	699.87	3/4	1,051.99	3/4	1,408.70	3/4	1,770.67	3/4	2,133.64	3/4	2,496.61	3/4	2,859.58	3/4	3,222.67
1	50.92	1	355.09	1	707.22	1	1,059.32	1	1,416.09	1	1,778.23	1	2,141.20	1	2,504.18	1	2,867.15	1	3,230.25
1/4	52.71	1/4	362.63	1/4	714.58	1/4	1,066.65	1/4	1,423.55	1/4	1,785.79	1/4	2,148.77	1/4	2,511.74	1/4	2,874.71	1/4	3,237.83
1/2	54.51	1/2	370.18	1/2	721.94	1/2	1,073.97	1/2	1,431.00	1/2	1,793.35	1/2	2,156.33	1/2	2,519.30	1/2	2,882.27	1/2	3,245.42
3/4	56.30	3/4	377.72	3/4	729.29	3/4	1,081.30	3/4	1,438.46	3/4	1,800.92	3/4	2,163.89	3/4	2,526.86	3/4	2,889.83	3/4	3,253.00
2	58.10	2	385.26	2	736.65	2	1,088.63	2	1,445.92	2	1,808.48	2	2,171.45	2	2,534.42	2	2,897.39	2	3,260.59
1/4	61.17	1/4	392.60	1/4	744.00	1/4	1,095.96	1/4	1,453.46	1/4	1,816.04	1/4	2,179.01	1/4	2,541.99	1/4	2,904.96	1/4	3,268.17
1/2	64.24	1/2	399.94	1/2	751.36	1/2	1,103.29	1/2	1,461.00	1/2	1,823.60	1/2	2,186.58	1/2	2,549.55	1/2	2,912.52	1/2	3,275.76
3/4	67.31	3/4	407.27	3/4	758.72	3/4	1,110.62	3/4	1,468.54	3/4	1,831.16	3/4	2,194.14	3/4	2,557.11	3/4	2,920.08	3/4	3,283.34
3	70.39	3	414.61	3	766.07	3	1,117.96	3	1,476.07	3	1,838.73	3	2,201.70	3	2,564.67	3	2,927.64	3	3,290.92
1/4	75.17	1/4	421.50	1/4	773.43	1/4	1,125.40	1/4	1,483.61	1/4	1,846.29	1/4	2,209.26	1/4	2,572.23	1/4	2,935.20	1/4	3,298.51
1/2	79.95	1/2	428.40	1/2	780.79	1/2	1,132.84	1/2	1,491.15	1/2	1,853.85	1/2	2,216.82	1/2	2,579.79	1/2	2,942.77	1/2	3,306.09
3/4	84.73	3/4	435.29	3/4	788.14	3/4	1,140.28	3/4	1,498.69	3/4	1,861.41	3/4	2,224.39	3/4	2,587.36	3/4	2,950.33	3/4	3,313.68
4	89.51	4	442.19	4	795.50	4	1,147.72	4	1,506.23	4	1,868.97	4	2,231.95	4	2,594.92	4	2,957.89	4	3,321.26
1/4	95.78	1/4	449.08	1/4	802.84	1/4	1,155.27	1/4	1,513.77	1/4	1,876.54	1/4	2,239.51	1/4	2,602.48	1/4	2,965.45	1/4	3,328.85
1/2	102.05	1/2	455.98	1/2	810.19	1/2	1,162.82	1/2	1,521.31	1/2	1,884.10	1/2	2,247.07	1/2	2,610.04	1/2	2,973.01	1/2	3,336.43
3/4	108.32	3/4	462.87	3/4	817.53	3/4	1,170.36	3/4	1,528.84	3/4	1,891.66	3/4	2,254.63	3/4	2,617.60	3/4	2,980.58	3/4	3,344.01
5	114.59	5	469.77	5	824.87	5	1,177.91	5	1,536.38	5	1,899.22	5	2,262.19	5	2,625.17	5	2,988.14	5	3,351.60
1/4	121.82	1/4	477.11	1/4	832.20	1/4	1,185.46	1/4	1,543.92	1/4	1,906.78	1/4	2,269.76	1/4	2,632.73	1/4	2,995.70	1/4	3,359.42
1/2	129.05	1/2	484.45	1/2	839.53	1/2	1,193.00	1/2	1,551.46	1/2	1,914.35	1/2	2,277.32	1/2	2,640.29	1/2	3,003.26	1/2	3,363.25
3/4	136.28	3/4	491.80	3/4	846.86	3/4	1,200.55	3/4	1,559.00	3/4	1,921.91	3/4	2,284.88	3/4	2,647.85	3/4	3,010.82	3/4	3,369.08
6	143.50	6	499.14	6	854.19	6	1,208.10	6	1,566.54	6	1,929.47	6	2,292.44	6	2,655.41	6	3,018.38	6	3,374.90
1/4	151.06	1/4	506.71	1/4	861.52	1/4	1,215.65	1/4	1,574.09	1/4	1,937.03	1/4	2,300.00	1/4	2,662.98	1/4	3,025.95	1/4	3,378.97
1/2	158.62	1/2	514.27	1/2	868.85	1/2	1,223.19	1/2	1,581.64	1/2	1,944.60	1/2	2,307.57	1/2	2,670.54	1/2	3,033.51	1/2	3,383.04
3/4	166.18	3/4	521.84	3/4	876.17	3/4	1,230.74	3/4	1,589.19	3/4	1,952.16	3/4	2,315.13	3/4	2,678.10	3/4	3,041.07	3/4	3,387.10
7	173.74	7	529.41	7	883.50	7	1,238.29	7	1,596.74	7	1,959.72	7	2,322.69	7	2,685.66	7	3,048.63	7	3,391.17
1/4	181.30	1/4	536.97	1/4	890.83	1/4	1,245.75	1/4	1,604.30	1/4	1,967.28	1/4	2,330.25	1/4	2,693.22	1/4	3,056.19	1/4	3,395.24
1/2	188.87	1/2	544.54	1/2	898.16	1/2	1,253.22	1/2	1,611.86	1/2	1,974.84	1/2	2,337.81	1/2	2,700.79	1/2	3,063.76	1/2	3,399.31
3/4	196.44	3/4	552.11	3/4	905.48	3/4	1,260.68	3/4	1,619.43	3/4	1,982.40	3/4	2,345.38	3/4	2,708.35	3/4	3,071.32	3/4	3,403.37
8	204.00	8	559.68	8	912.81	8	1,268.15	8	1,626.99	8	1,989.97	8	2,352.94	8	2,715.91	8	3,078.88	8	3,407.44
1/4	211.57	1/4	567.14	1/4	920.14	1/4	1,275.54	1/4	1,634.55	1/4	1,997.53	1/4	2,360.50	1/4	2,723.47	1/4	3,086.44	1/4	3,411.51
1/2	219.13	1/2	574.60	1/2	927.46	1/2	1,282.93	1/2	1,642.11	1/2	2,005.09	1/2	2,368.06	1/2	2,731.03	1/2	3,094.00	1/2	3,415.58
3/4	226.70	3/4	582.06	3/4	934.79	3/4	1,290.33	3/4	1,649.67	3/4	2,012.65	3/4	2,375.62	3/4	2,738.59	3/4	3,101.57	3/4	3,419.64
9	234.27	9	589.52	9	942.12	9	1,297.72	9	1,657.24	9	2,020.21	9	2,383.19	9	2,746.16	9	3,109.13	9	3,423.71
1/4	241.83	1/4	596.88	1/4	949.44	1/4	1,305.12	1/4	1,664.80	1/4	2,027.78	1/4	2,390.75	1/4	2,753.72	1/4	3,116.69	1/4	3,427.78
1/2	249.40	1/2	604.23	1/2	956.77	1/2	1,312.52	1/2	1,672.36	1/2	2,035.34	1/2	2,398.31	1/2	2,761.28	1/2	3,124.25	1/2	3,431.85
3/4	256.96	3/4	611.59	3/4	964.09	3/4	1,319.93	3/4	1,679.92	3/4	2,042.90	3/4	2,405.87	3/4	2,768.84	3/4	3,131.81	3/4	3,435.91
10	264.53	10	618.95	10	971.42	10	1,327.33	10	1,687.48	10	2,050.46	10	2,413.43	10	2,776.40	10	3,139.38	10	3,439.98
1/4	272.09	1/4	626.30	1/4	978.74	1/4	1,334.73	1/4	1,695.05	1/4	2,058.02	1/4	2,420.99	1/4	2,783.97	1/4	3,146.94	1/4	3,444.05
1/2	279.65	1/2	633.66	1/2	986.07	1/2	1,342.13	1/2	1,702.61	1/2	2,065.59	1/2	2,428.56	1/2	2,791.53	1/2	3,154.50	1/2	3,448.12
3/4	287.20	3/4	641.02	3/4	993.39	3/4	1,349.53	3/4	1,710.17	3/4	2,073.15	3/4	2,436.12	3/4	2,799.09	3/4	3,162.06	3/4	3,452.18
11	294.76	11	648.37	11	1,000.72	11	1,356.93	11	1,717.73	11	2,080.71	11	2,443.68	11	2,806.65	11	3,169.62	11	3,456.25
1/4	302.31	1/4	655.73	1/4	1,008.04	1/4	1,364.33	1/4	1,725.29	1/4	2,088.27	1/4	2,451.24	1/4	2,814.21	1/4	3,177.20	1/4	3,460.32
1/2	309.85	1/2	663.09	1/2	1,015.37	1/2	1,371.73	1/2	1,732.86	1/2	2,095.83	1/2	2,458.80	1/2	2,821.78	1/2	3,184.77	1/2	3,464.39
3/4	317.39	3/4	670.44	3/4	1,022.69	3/4	1,379.13	3/4	1,740.42	3/4	2,103.39	3/4	2,466.37	3/4	2,829.34	3/4	3,192.34	3/4	3,468.45

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 2" STANDPIPE  
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 52'-03" 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 27762"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	3,472.52	0	3,666.37	0	3,849.77	0	4,018.48	0		0		0		0		0		0	
1/4	3,476.59	1/4	3,670.31	1/4	3,853.39	1/4	4,022.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,480.66	1/2	3,674.25	1/2	3,857.01	1/2	4,025.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,484.72	3/4	3,678.19	3/4	3,860.64	3/4	4,029.11	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,488.79	1	3,682.13	1	3,864.26	1	4,032.65	1		1		1		1		1		1	
1/4	3,492.86	1/4	3,686.06	1/4	3,867.86	1/4	4,036.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,496.93	1/2	3,689.98	1/2	3,871.46	1/2	4,040.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,500.99	3/4	3,693.90	3/4	3,875.06	3/4	4,044.15	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,505.06	2	3,697.82	2	3,878.66	2	4,047.99	2		2		2		2		2		2	
1/4	3,509.13	1/4	3,701.73	1/4	3,882.25	1/4	4,051.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,513.20	1/2	3,705.63	1/2	3,885.83	1/2	4,055.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,517.26	3/4	3,709.53	3/4	3,889.41	3/4	4,059.94	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,521.33	3	3,713.44	3	3,893.99	3	4,063.92	3		3		3		3		3		3	
1/4	3,525.40	1/4	3,717.32	1/4	3,896.55	1/4	4,067.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,529.47	1/2	3,721.21	1/2	3,900.12	1/2	4,071.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,533.53	3/4	3,725.09	3/4	3,903.68	3/4	4,075.63	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,537.60	4	3,728.98	4	3,907.24	4	4,079.53	4		4		4		4		4		4	
1/4	3,541.67	1/4	3,732.85	1/4	3,910.78	1/4	4,082.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,545.74	1/2	3,736.71	1/2	3,914.33	1/2	4,086.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,549.80	3/4	3,740.58	3/4	3,917.87	3/4	4,089.35	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,553.87	5	3,744.44	5	3,921.41	5	4,092.62	5		5		5		5		5		5	
1/4	3,557.94	1/4	3,748.29	1/4	3,924.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,562.01	1/2	3,752.13	1/2	3,928.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,566.07	3/4	3,755.98	3/4	3,931.99	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,570.14	6	3,759.83	6	3,935.51	6		6		6		6		6		6		6	
1/4	3,574.20	1/4	3,763.65	1/4	3,939.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,578.25	1/2	3,767.48	1/2	3,942.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,582.31	3/4	3,771.30	3/4	3,946.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,586.37	7	3,775.13	7	3,949.54	7		7		7		7		7		7		7	
1/4	3,590.41	1/4	3,778.93	1/4	3,953.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,594.45	1/2	3,782.74	1/2	3,956.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,598.49	3/4	3,786.55	3/4	3,960.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,602.53	8	3,790.35	8	3,963.49	8		8		8		8		8		8		8	
1/4	3,606.55	1/4	3,794.14	1/4	3,966.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,610.57	1/2	3,797.92	1/2	3,970.42	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,614.59	3/4	3,801.71	3/4	3,973.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,618.61	9	3,805.50	9	3,977.36	9		9		9		9		9		9		9	
1/4	3,622.61	1/4	3,809.24	1/4	3,980.81	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,626.61	1/2	3,812.98	1/2	3,984.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,630.61	3/4	3,816.73	3/4	3,987.70	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,634.61	10	3,820.47	10	3,991.15	10		10		10		10		10		10		10	
1/4	3,638.59	1/4	3,824.16	1/4	3,994.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,642.57	1/2	3,827.84	1/2	3,998.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,646.55	3/4	3,831.52	3/4	4,001.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,650.53	11	3,835.20	11	4,004.86	11		11		11		11		11		11		11	
1/4	3,654.49	1/4	3,838.85	1/4	4,008.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,658.45	1/2	3,842.49	1/2	4,011.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,662.41	3/4	3,846.13	3/4	4,015.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/25/2009 CL - SW  
RECALCULATED: 06/11/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2019

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 27762"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	47.20	0	326.04	0	682.93	0	1,046.37	0	1,407.47	0	1,770.77	0	2,135.04	0	2,499.30	0	2,863.56	0	3,227.82
1/4	48.16	1/4	333.60	1/4	690.52	1/4	1,053.93	1/4	1,414.90	1/4	1,778.36	1/4	2,142.63	1/4	2,506.89	1/4	2,871.15	1/4	3,235.41
1/2	49.13	1/2	341.16	1/2	698.11	1/2	1,061.49	1/2	1,422.33	1/2	1,785.95	1/2	2,150.22	1/2	2,514.48	1/2	2,878.74	1/2	3,243.00
3/4	50.09	3/4	348.72	3/4	705.70	3/4	1,069.05	3/4	1,429.75	3/4	1,793.54	3/4	2,157.80	3/4	2,522.07	3/4	2,886.33	3/4	3,250.59
1	51.06	1	356.28	1	713.29	1	1,076.61	1	1,437.18	1	1,801.13	1	2,165.39	1	2,529.66	1	2,893.92	1	3,258.18
1/4	52.87	1/4	363.85	1/4	720.88	1/4	1,084.17	1/4	1,444.69	1/4	1,808.72	1/4	2,172.98	1/4	2,537.24	1/4	2,901.51	1/4	3,265.77
1/2	54.69	1/2	371.42	1/2	728.47	1/2	1,091.74	1/2	1,452.20	1/2	1,816.31	1/2	2,180.57	1/2	2,544.83	1/2	2,909.10	1/2	3,273.36
3/4	56.50	3/4	378.98	3/4	736.06	3/4	1,099.30	3/4	1,459.70	3/4	1,823.89	3/4	2,188.16	3/4	2,552.42	3/4	2,916.68	3/4	3,280.95
2	58.32	2	386.55	2	743.65	2	1,106.86	2	1,467.21	2	1,831.48	2	2,195.75	2	2,560.01	2	2,924.27	2	3,288.54
1/4	61.41	1/4	393.91	1/4	751.24	1/4	1,114.44	1/4	1,474.80	1/4	1,839.07	1/4	2,203.34	1/4	2,567.60	1/4	2,931.86	1/4	3,296.12
1/2	64.50	1/2	401.27	1/2	758.83	1/2	1,122.02	1/2	1,482.39	1/2	1,846.66	1/2	2,210.93	1/2	2,575.19	1/2	2,939.45	1/2	3,303.71
3/4	67.59	3/4	408.63	3/4	766.42	3/4	1,129.59	3/4	1,489.98	3/4	1,854.25	3/4	2,218.51	3/4	2,582.78	3/4	2,947.04	3/4	3,311.30
3	70.68	3	415.98	3	774.00	3	1,137.17	3	1,497.57	3	1,861.84	3	2,226.10	3	2,590.37	3	2,954.63	3	3,318.89
1/4	75.49	1/4	422.90	1/4	781.59	1/4	1,144.76	1/4	1,505.16	1/4	1,869.43	1/4	2,233.69	1/4	2,597.95	1/4	2,962.22	1/4	3,326.48
1/2	80.29	1/2	429.82	1/2	789.18	1/2	1,152.35	1/2	1,512.75	1/2	1,877.02	1/2	2,241.28	1/2	2,605.54	1/2	2,969.81	1/2	3,334.07
3/4	85.09	3/4	436.74	3/4	796.77	3/4	1,159.94	3/4	1,520.33	3/4	1,884.61	3/4	2,248.87	3/4	2,613.13	3/4	2,977.39	3/4	3,341.66
4	89.90	4	443.65	4	804.36	4	1,167.53	4	1,527.92	4	1,892.20	4	2,256.46	4	2,620.72	4	2,984.98	4	3,349.25
1/4	96.19	1/4	450.57	1/4	811.94	1/4	1,175.12	1/4	1,535.51	1/4	1,899.78	1/4	2,264.05	1/4	2,628.31	1/4	2,992.57	1/4	3,356.83
1/2	102.48	1/2	457.49	1/2	819.52	1/2	1,182.71	1/2	1,543.10	1/2	1,907.37	1/2	2,271.64	1/2	2,635.90	1/2	3,000.16	1/2	3,364.42
3/4	108.77	3/4	464.41	3/4	827.09	3/4	1,190.30	3/4	1,550.69	3/4	1,914.96	3/4	2,279.23	3/4	2,643.49	3/4	3,007.75	3/4	3,372.01
5	115.06	5	471.32	5	834.67	5	1,197.89	5	1,558.28	5	1,922.55	5	2,286.81	5	2,651.08	5	3,015.34	5	3,379.60
1/4	122.31	1/4	478.69	1/4	842.23	1/4	1,205.48	1/4	1,565.87	1/4	1,930.14	1/4	2,294.40	1/4	2,658.66	1/4	3,022.93	1/4	3,385.43
1/2	129.56	1/2	486.05	1/2	849.80	1/2	1,213.07	1/2	1,573.46	1/2	1,937.73	1/2	2,301.99	1/2	2,666.25	1/2	3,030.52	1/2	3,391.26
3/4	136.81	3/4	493.42	3/4	857.36	3/4	1,220.66	3/4	1,581.05	3/4	1,945.32	3/4	2,309.58	3/4	2,673.84	3/4	3,038.10	3/4	3,397.09
6	144.06	6	500.79	6	864.92	6	1,228.24	6	1,588.64	6	1,952.91	6	2,317.17	6	2,681.43	6	3,045.69	6	3,402.91
1/4	151.65	1/4	508.38	1/4	872.48	1/4	1,235.83	1/4	1,596.22	1/4	1,960.50	1/4	2,324.76	1/4	2,689.02	1/4	3,053.28	1/4	3,406.98
1/2	159.23	1/2	515.97	1/2	880.04	1/2	1,243.42	1/2	1,603.81	1/2	1,968.08	1/2	2,332.35	1/2	2,696.61	1/2	3,060.87	1/2	3,411.05
3/4	166.81	3/4	523.55	3/4	887.60	3/4	1,251.01	3/4	1,611.40	3/4	1,975.67	3/4	2,339.94	3/4	2,704.20	3/4	3,068.46	3/4	3,415.12
7	174.39	7	531.14	7	895.16	7	1,258.60	7	1,618.99	7	1,983.26	7	2,347.52	7	2,711.79	7	3,076.05	7	3,419.19
1/4	181.98	1/4	538.73	1/4	902.72	1/4	1,266.11	1/4	1,626.58	1/4	1,990.85	1/4	2,355.11	1/4	2,719.38	1/4	3,083.64	1/4	3,423.26
1/2	189.57	1/2	546.32	1/2	910.28	1/2	1,273.62	1/2	1,634.17	1/2	1,998.44	1/2	2,362.70	1/2	2,726.96	1/2	3,091.23	1/2	3,427.33
3/4	197.15	3/4	553.91	3/4	917.84	3/4	1,281.13	3/4	1,641.76	3/4	2,006.03	3/4	2,370.29	3/4	2,734.55	3/4	3,098.82	3/4	3,431.40
8	204.74	8	561.50	8	925.40	8	1,288.64	8	1,649.35	8	2,013.62	8	2,377.88	8	2,742.14	8	3,106.40	8	3,435.47
1/4	212.33	1/4	569.09	1/4	932.96	1/4	1,296.07	1/4	1,656.94	1/4	2,021.21	1/4	2,385.47	1/4	2,749.73	1/4	3,113.99	1/4	3,439.54
1/2	219.92	1/2	576.68	1/2	940.52	1/2	1,303.49	1/2	1,664.53	1/2	2,028.79	1/2	2,393.06	1/2	2,757.32	1/2	3,121.58	1/2	3,443.61
3/4	227.51	3/4	584.27	3/4	948.08	3/4	1,310.92	3/4	1,672.11	3/4	2,036.38	3/4	2,400.65	3/4	2,764.91	3/4	3,129.17	3/4	3,447.68
9	235.10	9	591.86	9	955.64	9	1,318.35	9	1,679.70	9	2,043.97	9	2,408.23	9	2,772.50	9	3,136.76	9	3,451.75
1/4	242.69	1/4	599.45	1/4	963.21	1/4	1,325.78	1/4	1,687.29	1/4	2,051.56	1/4	2,415.82	1/4	2,780.09	1/4	3,144.35	1/4	3,455.82
1/2	250.27	1/2	607.04	1/2	970.77	1/2	1,333.20	1/2	1,694.88	1/2	2,059.15	1/2	2,423.41	1/2	2,787.67	1/2	3,151.94	1/2	3,459.89
3/4	257.86	3/4	614.63	3/4	978.33	3/4	1,340.63	3/4	1,702.47	3/4	2,066.74	3/4	2,431.00	3/4	2,795.26	3/4	3,159.53	3/4	3,463.96
10	265.45	10	622.22	10	985.89	10	1,348.06	10	1,710.06	10	2,074.33	10	2,438.59	10	2,802.85	10	3,167.11	10	3,468.03
1/4	273.03	1/4	629.81	1/4	993.45	1/4	1,355.48	1/4	1,717.65	1/4	2,081.92	1/4	2,446.18	1/4	2,810.44	1/4	3,174.70	1/4	3,472.11
1/2	280.61	1/2	637.40	1/2	1,001.01	1/2	1,362.91	1/2	1,725.24	1/2	2,089.51	1/2	2,453.77	1/2	2,818.03	1/2	3,182.29	1/2	3,476.18
3/4	288.20	3/4	644.99	3/4	1,008.57	3/4	1,370.34	3/4	1,732.83	3/4	2,097.09	3/4	2,461.36	3/4	2,825.62	3/4	3,189.88	3/4	3,480.25
11	295.78	11	652.58	11	1,016.13	11	1,377.76	11	1,740.42	11	2,104.68	11	2,468.95	11	2,833.21	11	3,197.47	11	3,484.32
1/4	303.34	1/4	660.17	1/4	1,023.69	1/4	1,385.19	1/4	1,748.00	1/4	2,112.27	1/4	2,476.53	1/4	2,840.80	1/4	3,205.06	1/4	3,488.39
1/2	310.91	1/2	667.75	1/2	1,031.25	1/2	1,392.62	1/2	1,755.59	1/2	2,119.86	1/2	2,484.12	1/2	2,848.38	1/2	3,212.65	1/2	3,492.46
3/4	318.48	3/4	675.34	3/4	1,038.81	3/4	1,400.04	3/4	1,763.18	3/4	2,127.45	3/4	2,491.71	3/4	2,855.97	3/4	3,220.24	3/4	3,496.53

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 2" STANDPIPE  
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 52'-03" 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 27762"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	3,500.60	0	3,694.56	0	3,878.07	0	4,046.88	0		0		0		0		0		0	
1/4	3,504.67	1/4	3,698.50	1/4	3,881.69	1/4	4,050.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,508.74	1/2	3,702.44	1/2	3,885.31	1/2	4,053.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,512.81	3/4	3,706.39	3/4	3,888.94	3/4	4,057.51	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,516.88	1	3,710.33	1	3,892.56	1	4,061.05	1		1		1		1		1		1	
1/4	3,520.95	1/4	3,714.25	1/4	3,896.17	1/4	4,064.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,525.02	1/2	3,718.18	1/2	3,899.77	1/2	4,068.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,529.09	3/4	3,722.10	3/4	3,903.37	3/4	4,072.56	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,533.16	2	3,726.02	2	3,906.98	2	4,076.40	2		2		2		2		2		2	
1/4	3,537.23	1/4	3,729.93	1/4	3,910.56	1/4	4,080.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,541.30	1/2	3,733.84	1/2	3,914.14	1/2	4,084.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,545.37	3/4	3,737.75	3/4	3,917.73	3/4	4,088.36	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,549.44	3	3,741.65	3	3,921.31	3	4,092.34	3		3		3		3		3		3	
1/4	3,553.51	1/4	3,745.54	1/4	3,924.88	1/4	4,096.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,557.58	1/2	3,749.43	1/2	3,928.44	1/2	4,100.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,561.65	3/4	3,753.32	3/4	3,932.00	3/4	4,104.06	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,565.72	4	3,757.20	4	3,935.57	4	4,107.97	4		4		4		4		4		4	
1/4	3,569.79	1/4	3,761.07	1/4	3,939.11	1/4	4,111.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,573.86	1/2	3,764.94	1/2	3,942.66	1/2	4,114.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,577.93	3/4	3,768.81	3/4	3,946.20	3/4	4,117.79	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,582.00	5	3,772.67	5	3,949.75	5	4,121.06	5		5		5		5		5		5	
1/4	3,586.06	1/4	3,776.52	1/4	3,953.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,590.13	1/2	3,780.37	1/2	3,956.81	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,594.20	3/4	3,784.22	3/4	3,960.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,598.27	6	3,788.07	6	3,963.86	6		6		6		6		6		6		6	
1/4	3,602.33	1/4	3,791.89	1/4	3,967.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,606.39	1/2	3,795.72	1/2	3,970.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,610.45	3/4	3,799.55	3/4	3,974.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,614.50	7	3,803.38	7	3,977.90	7		7		7		7		7		7		7	
1/4	3,618.55	1/4	3,807.19	1/4	3,981.39	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,622.59	1/2	3,810.99	1/2	3,984.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,626.63	3/4	3,814.80	3/4	3,988.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,630.67	8	3,818.61	8	3,991.85	8		8		8		8		8		8		8	
1/4	3,634.70	1/4	3,822.40	1/4	3,995.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,638.72	1/2	3,826.19	1/2	3,998.79	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,642.74	3/4	3,829.98	3/4	4,002.26	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,646.76	9	3,833.76	9	4,005.73	9		9		9		9		9		9		9	
1/4	3,650.77	1/4	3,837.51	1/4	4,009.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,654.77	1/2	3,841.26	1/2	4,012.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,658.77	3/4	3,845.00	3/4	4,016.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,662.78	10	3,848.75	10	4,019.53	10		10		10		10		10		10		10	
1/4	3,666.76	1/4	3,852.44	1/4	4,022.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,670.74	1/2	3,856.12	1/2	4,026.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,674.72	3/4	3,859.81	3/4	4,029.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,678.71	11	3,863.49	11	4,033.24	11		11		11		11		11		11		11	
1/4	3,682.67	1/4	3,867.14	1/4	4,036.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,686.63	1/2	3,870.78	1/2	4,040.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.59	3/4	3,874.42	3/4	4,043.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/25/2009 CL - SW  
RECALCULATED: 06/11/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2019

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 27762"

# 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	2,313	0	4,626	0	6,940	0	9,253	0	11,566	0	13,879	0		0		0	
1/4	48	1/4	2,361	1/4	4,675	1/4	6,988	1/4	9,301	1/4	11,614	1/4	13,927	1/4		1/4		1/4	
1/2	96	1/2	2,410	1/2	4,723	1/2	7,036	1/2	9,349	1/2	11,662	1/2	13,976	1/2		1/2		1/2	
3/4	145	3/4	2,458	3/4	4,771	3/4	7,084	3/4	9,397	3/4	11,711	3/4	14,024	3/4		3/4		3/4	
1	193	1	2,506	1	4,819	1	7,132	1	9,446	1	11,759	1	14,072	1		1		1	
1/4	241	1/4	2,554	1/4	4,867	1/4	7,181	1/4	9,494	1/4	11,807	1/4	14,120	1/4		1/4		1/4	
1/2	289	1/2	2,602	1/2	4,916	1/2	7,229	1/2	9,542	1/2	11,855	1/2	14,168	1/2		1/2		1/2	
3/4	337	3/4	2,651	3/4	4,964	3/4	7,277	3/4	9,590	3/4	11,903	3/4	14,217	3/4		3/4		3/4	
2	386	2	2,699	2	5,012	2	7,325	2	9,638	2	11,952	2	14,265	2		2		2	
1/4	434	1/4	2,747	1/4	5,060	1/4	7,373	1/4	9,687	1/4	12,000	1/4	14,313	1/4		1/4		1/4	
1/2	482	1/2	2,795	1/2	5,108	1/2	7,422	1/2	9,735	1/2	12,048	1/2		1/2		1/2		1/2	
3/4	530	3/4	2,843	3/4	5,157	3/4	7,470	3/4	9,783	3/4	12,096	3/4		3/4		3/4		3/4	
3	578	3	2,892	3	5,205	3	7,518	3	9,831	3	12,144	3		3		3		3	
1/4	626	1/4	2,940	1/4	5,253	1/4	7,566	1/4	9,879	1/4	12,193	1/4		1/4		1/4		1/4	
1/2	675	1/2	2,988	1/2	5,301	1/2	7,614	1/2	9,928	1/2	12,241	1/2		1/2		1/2		1/2	
3/4	723	3/4	3,036	3/4	5,349	3/4	7,663	3/4	9,976	3/4	12,289	3/4		3/4		3/4		3/4	
4	771	4	3,084	4	5,398	4	7,711	4	10,024	4	12,337	4		4		4		4	
1/4	819	1/4	3,132	1/4	5,446	1/4	7,759	1/4	10,072	1/4	12,385	1/4		1/4		1/4		1/4	
1/2	867	1/2	3,181	1/2	5,494	1/2	7,807	1/2	10,120	1/2	12,434	1/2		1/2		1/2		1/2	
3/4	916	3/4	3,229	3/4	5,542	3/4	7,855	3/4	10,169	3/4	12,482	3/4		3/4		3/4		3/4	
5	964	5	3,277	5	5,590	5	7,903	5	10,217	5	12,530	5		5		5		5	
1/4	1,012	1/4	3,325	1/4	5,638	1/4	7,952	1/4	10,265	1/4	12,578	1/4		1/4		1/4		1/4	
1/2	1,060	1/2	3,373	1/2	5,687	1/2	8,000	1/2	10,313	1/2	12,626	1/2		1/2		1/2		1/2	
3/4	1,108	3/4	3,422	3/4	5,735	3/4	8,048	3/4	10,361	3/4	12,674	3/4		3/4		3/4		3/4	
6	1,157	6	3,470	6	5,783	6	8,096	6	10,409	6	12,723	6		6		6		6	
1/4	1,205	1/4	3,518	1/4	5,831	1/4	8,144	1/4	10,458	1/4	12,771	1/4		1/4		1/4		1/4	
1/2	1,253	1/2	3,566	1/2	5,879	1/2	8,193	1/2	10,506	1/2	12,819	1/2		1/2		1/2		1/2	
3/4	1,301	3/4	3,614	3/4	5,928	3/4	8,241	3/4	10,554	3/4	12,867	3/4		3/4		3/4		3/4	
7	1,349	7	3,663	7	5,976	7	8,289	7	10,602	7	12,915	7		7		7		7	
1/4	1,398	1/4	3,711	1/4	6,024	1/4	8,337	1/4	10,650	1/4	12,964	1/4		1/4		1/4		1/4	
1/2	1,446	1/2	3,759	1/2	6,072	1/2	8,385	1/2	10,699	1/2	13,012	1/2		1/2		1/2		1/2	
3/4	1,494	3/4	3,807	3/4	6,120	3/4	8,434	3/4	10,747	3/4	13,060	3/4		3/4		3/4		3/4	
8	1,542	8	3,855	8	6,169	8	8,482	8	10,795	8	13,108	8		8		8		8	
1/4	1,590	1/4	3,904	1/4	6,217	1/4	8,530	1/4	10,843	1/4	13,156	1/4		1/4		1/4		1/4	
1/2	1,639	1/2	3,952	1/2	6,265	1/2	8,578	1/2	10,891	1/2	13,205	1/2		1/2		1/2		1/2	
3/4	1,687	3/4	4,000	3/4	6,313	3/4	8,626	3/4	10,940	3/4	13,253	3/4		3/4		3/4		3/4	
9	1,735	9	4,048	9	6,361	9	8,675	9	10,988	9	13,301	9		9		9		9	
1/4	1,783	1/4	4,096	1/4	6,410	1/4	8,723	1/4	11,036	1/4	13,349	1/4		1/4		1/4		1/4	
1/2	1,831	1/2	4,145	1/2	6,458	1/2	8,771	1/2	11,084	1/2	13,397	1/2		1/2		1/2		1/2	
3/4	1,879	3/4	4,193	3/4	6,506	3/4	8,819	3/4	11,132	3/4	13,446	3/4		3/4		3/4		3/4	
10	1,928	10	4,241	10	6,554	10	8,867	10	11,181	10	13,494	10		10		10		10	
1/4	1,976	1/4	4,289	1/4	6,602	1/4	8,916	1/4	11,229	1/4	13,542	1/4		1/4		1/4		1/4	
1/2	2,024	1/2	4,337	1/2	6,650	1/2	8,964	1/2	11,277	1/2	13,590	1/2		1/2		1/2		1/2	
3/4	2,072	3/4	4,385	3/4	6,699	3/4	9,012	3/4	11,325	3/4	13,638	3/4		3/4		3/4		3/4	
11	2,120	11	4,434	11	6,747	11	9,060	11	11,373	11	13,687	11		11		11		11	
1/4	2,169	1/4	4,482	1/4	6,795	1/4	9,108	1/4	11,422	1/4	13,735	1/4		1/4		1/4		1/4	
1/2	2,217	1/2	4,530	1/2	6,843	1/2	9,156	1/2	11,470	1/2	13,783	1/2		1/2		1/2		1/2	
3/4	2,265	3/4	4,578	3/4	6,891	3/4	9,205	3/4	11,518	3/4	13,831	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: 04/23/2019 SW

PRINTED: 04/23/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2019

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 27762"

## ULLAGE 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	00-5/8	- 00-5/8	01-1/4	- 01-1/4	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/4	- 03-1/4	03-7/8	- 03-7/8
1 STBD	00-5/8	- 00-5/8	01-1/4	- 01-1/4	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/4	- 03-1/4	03-7/8	- 03-7/8
2 PORT	00-3/4	- 00-3/4	01-1/2	- 01-1/2	02-1/4	- 02-1/4	03-0/8	- 03-0/8	03-3/4	- 03-3/4	04-1/2	- 04-1/2
2 STBD	00-3/4	- 00-3/4	01-1/2	- 01-1/2	02-1/4	- 02-1/4	03-0/8	- 03-0/8	03-3/4	- 03-3/4	04-1/2	- 04-1/2
3 PORT	00-5/8	- 00-5/8	01-1/4	- 01-1/4	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/4	- 03-1/4	03-7/8	- 03-7/8
3 STBD	00-5/8	- 00-5/8	01-1/4	- 01-1/4	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/4	- 03-1/4	03-7/8	- 03-7/8

(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 - 01-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-10 3/4"

LENGTH BETWEEN DRAFT MARKS: 241'-03"

February 26, 2009

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "KIRBY 27762"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.					
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0			0			0			0			0	4,689.97	0	0	4,370.68	0	0	4,028.32	0	0	3,665.83	0	0	3,299.79	0	0	2,933.75	0	0	2,933.75	0
1/4			1/4			1/4			1/4			1/4	4,683.26	1/4	1/4	4,363.81	1/4	1/4	4,020.93	1/4	1/4	3,658.20	1/4	1/4	3,292.17	1/4	1/4	2,926.13	1/4	1/4	2,926.13	1/4
1/2			1/2			1/2			1/2			1/2	4,676.54	1/2	1/2	4,356.95	1/2	1/2	4,013.55	1/2	1/2	3,650.58	1/2	1/2	3,284.54	1/2	1/2	2,918.50	1/2	1/2	2,918.50	1/2
3/4			3/4			3/4			3/4			3/4	4,669.83	3/4	3/4	4,350.08	3/4	3/4	4,006.16	3/4	3/4	3,642.95	3/4	3/4	3,276.91	3/4	3/4	2,910.88	3/4	3/4	2,910.88	3/4
1			1			1			1			1	4,663.12	1	1	4,343.22	1	1	3,998.77	1	1	3,635.33	1	1	3,269.29	1	1	2,903.25	1	1	2,903.25	1
1/4			1/4			1/4			1/4			1/4	4,656.65	1/4	1/4	4,336.32	1/4	1/4	3,991.34	1/4	1/4	3,627.70	1/4	1/4	3,261.66	1/4	1/4	2,895.62	1/4	1/4	2,895.62	1/4
1/2			1/2			1/2			1/2			1/2	4,650.19	1/2	1/2	4,329.42	1/2	1/2	3,983.92	1/2	1/2	3,620.08	1/2	1/2	3,254.04	1/2	1/2	2,888.00	1/2	1/2	2,888.00	1/2
3/4			3/4			3/4			3/4			3/4	4,643.73	3/4	3/4	4,322.51	3/4	3/4	3,976.49	3/4	3/4	3,612.45	3/4	3/4	3,246.41	3/4	3/4	2,880.37	3/4	3/4	2,880.37	3/4
2			2			2			2			2	4,637.26	2	2	4,315.61	2	2	3,969.07	2	2	3,604.82	2	2	3,238.79	2	2	2,872.75	2	2	2,872.75	2
1/4			1/4			1/4			1/4			1/4	4,630.76	1/4	1/4	4,308.65	1/4	1/4	3,961.61	1/4	1/4	3,597.20	1/4	1/4	3,231.16	1/4	1/4	2,865.12	1/4	1/4	2,865.12	1/4
1/2			1/2			1/2			1/2			1/2	4,624.26	1/2	1/2	4,301.69	1/2	1/2	3,954.14	1/2	1/2	3,589.57	1/2	1/2	3,223.53	1/2	1/2	2,857.50	1/2	1/2	2,857.50	1/2
3/4			3/4			3/4			3/4			3/4	4,617.76	3/4	3/4	4,294.73	3/4	3/4	3,946.68	3/4	3/4	3,581.95	3/4	3/4	3,215.91	3/4	3/4	2,849.87	3/4	3/4	2,849.87	3/4
3			3			3			3			3	4,611.26	3	3	4,287.77	3	3	3,939.22	3	3	3,574.32	3	3	3,208.28	3	3	2,842.24	3	3	2,842.24	3
1/4			1/4			1/4			1/4			1/4	4,604.72	1/4	1/4	4,280.73	1/4	1/4	3,931.72	1/4	1/4	3,566.69	1/4	1/4	3,200.66	1/4	1/4	2,834.62	1/4	1/4	2,834.62	1/4
1/2			1/2			1/2			1/2			1/2	4,598.19	1/2	1/2	4,273.69	1/2	1/2	3,924.22	1/2	1/2	3,559.07	1/2	1/2	3,193.03	1/2	1/2	2,826.99	1/2	1/2	2,826.99	1/2
3/4			3/4			3/4			3/4			3/4	4,591.65	3/4	3/4	4,266.65	3/4	3/4	3,916.72	3/4	3/4	3,551.44	3/4	3/4	3,185.40	3/4	3/4	2,819.37	3/4	3/4	2,819.37	3/4
4			4			4			4			4	4,585.11	4	4	4,259.61	4	4	3,909.22	4	4	3,543.82	4	4	3,177.78	4	4	2,811.74	4	4	2,811.74	4
1/4			1/4			1/4			1/4			1/4	4,578.54	1/4	1/4	4,252.51	1/4	1/4	3,901.68	1/4	1/4	3,536.19	1/4	1/4	3,170.15	1/4	1/4	2,804.11	1/4	1/4	2,804.11	1/4
1/2			1/2			1/2			1/2			1/2	4,571.96	1/2	1/2	4,245.41	1/2	1/2	3,894.15	1/2	1/2	3,528.57	1/2	1/2	3,162.53	1/2	1/2	2,796.49	1/2	1/2	2,796.49	1/2
3/4			3/4			3/4			3/4			3/4	4,565.39	3/4	3/4	4,238.32	3/4	3/4	3,886.61	3/4	3/4	3,520.94	3/4	3/4	3,154.90	3/4	3/4	2,788.86	3/4	3/4	2,788.86	3/4
5			5			5			5			5	4,558.81	5	5	4,231.22	5	5	3,879.07	5	5	3,513.31	5	5	3,147.28	5	5	2,781.24	5	5	2,781.24	5
1/4			1/4			1/4			1/4			1/4	4,552.20	1/4	1/4	4,224.08	1/4	1/4	3,871.50	1/4	1/4	3,505.69	1/4	1/4	3,139.65	1/4	1/4	2,773.61	1/4	1/4	2,773.61	1/4
1/2			1/2			1/2			1/2			1/2	4,545.59	1/2	1/2	4,216.95	1/2	1/2	3,863.92	1/2	1/2	3,498.06	1/2	1/2	3,132.02	1/2	1/2	2,765.99	1/2	1/2	2,765.99	1/2
3/4			3/4			3/4			3/4			3/4	4,538.97	3/4	3/4	4,209.81	3/4	3/4	3,856.35	3/4	3/4	3,490.44	3/4	3/4	3,124.40	3/4	3/4	2,758.36	3/4	3/4	2,758.36	3/4
6			6			6			6			6	4,532.36	6	6	4,202.68	6	6	3,848.77	6	6	3,482.81	6	6	3,116.77	6	6	2,750.73	6	6	2,750.73	6
1/4			1/4			1/4			1/4			1/4	4,525.71	1/4	1/4	4,195.50	1/4	1/4	3,841.17	1/4	1/4	3,475.19	1/4	1/4	3,109.15	1/4	1/4	2,743.11	1/4	1/4	2,743.11	1/4
1/2			1/2			1/2			1/2			1/2	4,519.06	1/2	1/2	4,188.33	1/2	1/2	3,833.56	1/2	1/2	3,467.56	1/2	1/2	3,101.52	1/2	1/2	2,735.48	1/2	1/2	2,735.48	1/2
3/4			3/4			3/4			3/4			3/4	4,512.41	3/4	3/4	4,181.16	3/4	3/4	3,825.96	3/4	3/4	3,459.93	3/4	3/4	3,093.90	3/4	3/4	2,727.86	3/4	3/4	2,727.86	3/4
7			7			7			7			7	4,505.76	7	7	4,173.98	7	7	3,818.35	7	7	3,452.31	7	7	3,086.27	7	7	2,720.23	7	7	2,720.23	7
1/4			1/4			1/4			1/4			1/4	4,499.08	1/4	1/4	4,166.77	1/4	1/4	3,810.72	1/4	1/4	3,444.68	1/4	1/4	3,078.64	1/4	1/4	2,712.61	1/4	1/4	2,712.61	1/4
1/2			1/2			1/2			1/2			1/2	4,492.39	1/2	1/2	4,159.56	1/2	1/2	3,803.10	1/2	1/2	3,437.06	1/2	1/2	3,071.02	1/2	1/2	2,704.98	1/2	1/2	2,704.98	1/2
3/4			3/4			3/4			3/4			3/4	4,485.71	3/4	3/4	4,152.35	3/4	3/4	3,795.47	3/4	3/4	3,429.43	3/4	3/4	3,063.39	3/4	3/4	2,697.35	3/4	3/4	2,697.35	3/4
8			8			8			8	4,806.35	8	8	4,479.02	8	8	4,145.14	8	8	3,787.84	8	8	3,421.80	8	8	3,055.77	8	8	2,689.73	8	8	2,689.73	8
1/4			1/4			1/4			1/4	4,799.52	1/4	1/4	4,472.31	1/4	1/4	4,137.89	1/4	1/4	3,780.22	1/4	1/4	3,414.18	1/4	1/4	3,048.14	1/4	1/4	2,682.10	1/4	1/4	2,682.10	1/4
1/2			1/2			1/2			1/2	4,792.69	1/2	1/2	4,465.59	1/2	1/2	4,130.65	1/2	1/2	3,772.59	1/2	1/2	3,406.55	1/2	1/2	3,040.51	1/2	1/2	2,674.48	1/2	1/2	2,674.48	1/2
3/4			3/4			3/4			3/4	4,785.87	3/4	3/4	4,458.87	3/4	3/4	4,123.40	3/4	3/4	3,764.97	3/4	3/4	3,398.93	3/4	3/4	3,032.89	3/4	3/4	2,666.85	3/4	3/4	2,666.85	3/4
9			9			9			9	4,779.04	9	9	4,452.15	9	9	4,116.15	9	9	3,757.34	9	9	3,391.30	9	9	3,025.26	9	9	2,659.22	9	9	2,659.22	9
1/4			1/4			1/4			1/4	4,771.58	1/4	1/4	4,445.40	1/4	1/4	4,108.87	1/4	1/4	3,749.71	1/4	1/4	3,383.68	1/4	1/4	3,017.64	1/4	1/4	2,651.60	1/4	1/4	2,651.60	1/4
1/2			1/2			1/2			1/2	4,764.11	1/2	1/2	4,438.65	1/2	1/2	4,101.58	1/2	1/2	3,742.09	1/2	1/2	3,376.05	1/2	1/2	3,010.01	1/2	1/2	2,643.97	1/2	1/2	2,643.97	1/2
3/4			3/4			3/4			3/4	4,756.65	3/4	3/4	4,431.90	3/4	3/4	4,094.30	3/4	3/4	3,734.46	3/4	3/4	3,368.42	3/4	3/4	3,002.39	3/4	3/4	2,636.35	3/4	3/4	2,636.35	3/4
10			10			10			10	4,749.19	10	10	4,425.14	10	10	4,087.01	10	10	3,726.84	10	10	3,360.80	10	10	2,994.76	10	10	2,628.72	10	10	2,628.72	10
1/4			1/4			1/4			1/4	4,741.64	1/4	1/4	4,418.35	1/4	1/4	4,079.69	1/4	1/4	3,719.21	1/4	1/4	3,353.17	1/4	1/4	2,987.13	1/4	1/4	2,621.10	1/4	1/4	2,621.10	1/4
1/2			1/2			1/2			1/2	4,734.10	1/2	1/2	4,411.57																			



# BARGE "KIRBY 27762"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,567.72	0	2,201.68	0	1,835.63	0	1,469.58	0	1,104.62	0	740.62	0	383.94	0	63.69	0		0	
1/4	2,560.09	1/4	2,194.05	1/4	1,828.01	1/4	1,461.97	1/4	1,097.05	1/4	732.99	1/4	376.68	1/4	57.72	1/4		1/4	
1/2	2,552.46	1/2	2,186.43	1/2	1,820.38	1/2	1,454.36	1/2	1,089.48	1/2	725.36	1/2	369.42	1/2	51.75	1/2		1/2	
3/4	2,544.84	3/4	2,178.80	3/4	1,812.75	3/4	1,446.74	3/4	1,081.91	3/4	717.74	3/4	362.16	3/4	45.78	3/4		3/4	
1	2,537.21	1	2,171.17	1	1,805.13	1	1,439.13	1	1,074.34	1	710.11	1	354.91	1	39.81	1		1	
1/4	2,529.59	1/4	2,163.55	1/4	1,797.50	1/4	1,431.53	1/4	1,066.77	1/4	702.48	1/4	347.73	1/4	34.31	1/4		1/4	
1/2	2,521.96	1/2	2,155.92	1/2	1,789.88	1/2	1,423.93	1/2	1,059.21	1/2	694.86	1/2	340.55	1/2	28.81	1/2		1/2	
3/4	2,514.33	3/4	2,148.30	3/4	1,782.25	3/4	1,416.33	3/4	1,051.64	3/4	687.23	3/4	333.37	3/4	23.31	3/4		3/4	
2	2,506.71	2	2,140.67	2	1,774.62	2	1,408.74	2	1,044.07	2	679.61	2	326.19	2	17.81	2		2	
1/4	2,499.08	1/4	2,133.04	1/4	1,767.00	1/4	1,401.14	1/4	1,036.50	1/4	671.98	1/4	319.08	1/4	14.25	1/4		1/4	
1/2	2,491.46	1/2	2,125.42	1/2	1,759.37	1/2	1,393.54	1/2	1,028.93	1/2	664.35	1/2	311.97	1/2	10.70	1/2		1/2	
3/4	2,483.83	3/4	2,117.79	3/4	1,751.75	3/4	1,385.94	3/4	1,021.36	3/4	656.73	3/4	304.86	3/4	7.14	3/4		3/4	
3	2,476.21	3	2,110.17	3	1,744.12	3	1,378.34	3	1,013.79	3	649.10	3	297.75	3	3.58	3		3	
1/4	2,468.58	1/4	2,102.54	1/4	1,736.49	1/4	1,370.74	1/4	1,006.23	1/4	641.47	1/4	290.71	1/4		1/4		1/4	
1/2	2,460.95	1/2	2,094.92	1/2	1,728.87	1/2	1,363.14	1/2	998.66	1/2	633.85	1/2	283.68	1/2		1/2		1/2	
3/4	2,453.33	3/4	2,087.29	3/4	1,721.24	3/4	1,355.55	3/4	991.09	3/4	626.22	3/4	276.65	3/4		3/4		3/4	
4	2,445.70	4	2,079.66	4	1,713.62	4	1,347.95	4	983.52	4	618.59	4	269.61	4		4		4	
1/4	2,438.08	1/4	2,072.04	1/4	1,705.99	1/4	1,340.35	1/4	975.95	1/4	610.97	1/4	262.67	1/4		1/4		1/4	
1/2	2,430.45	1/2	2,064.41	1/2	1,698.36	1/2	1,332.75	1/2	968.38	1/2	603.34	1/2	255.72	1/2		1/2		1/2	
3/4	2,422.82	3/4	2,056.79	3/4	1,690.74	3/4	1,325.15	3/4	960.81	3/4	595.71	3/4	248.77	3/4		3/4		3/4	
5	2,415.20	5	2,049.16	5	1,683.11	5	1,317.55	5	953.25	5	588.09	5	241.82	5		5		5	
1/4	2,407.57	1/4	2,041.53	1/4	1,675.48	1/4	1,309.95	1/4	945.68	1/4	580.46	1/4	234.96	1/4		1/4		1/4	
1/2	2,399.95	1/2	2,033.91	1/2	1,667.86	1/2	1,302.35	1/2	938.11	1/2	572.83	1/2	228.10	1/2		1/2		1/2	
3/4	2,392.32	3/4	2,026.28	3/4	1,660.23	3/4	1,294.75	3/4	930.54	3/4	565.21	3/4	221.23	3/4		3/4		3/4	
6	2,384.70	6	2,018.66	6	1,652.61	6	1,287.15	6	922.97	6	557.58	6	214.37	6		6		6	
1/4	2,377.07	1/4	2,011.03	1/4	1,644.98	1/4	1,279.54	1/4	915.40	1/4	549.95	1/4	207.60	1/4		1/4		1/4	
1/2	2,369.44	1/2	2,003.41	1/2	1,637.35	1/2	1,271.93	1/2	907.83	1/2	542.33	1/2	200.83	1/2		1/2		1/2	
3/4	2,361.82	3/4	1,995.78	3/4	1,629.73	3/4	1,264.31	3/4	900.27	3/4	534.70	3/4	194.06	3/4		3/4		3/4	
7	2,354.19	7	1,988.15	7	1,622.10	7	1,256.70	7	892.70	7	527.07	7	187.29	7		7		7	
1/4	2,346.57	1/4	1,980.53	1/4	1,614.48	1/4	1,249.07	1/4	885.13	1/4	519.67	1/4	180.61	1/4		1/4		1/4	
1/2	2,338.94	1/2	1,972.90	1/2	1,606.85	1/2	1,241.45	1/2	877.56	1/2	512.27	1/2	173.94	1/2		1/2		1/2	
3/4	2,331.32	3/4	1,965.28	3/4	1,599.22	3/4	1,233.82	3/4	869.99	3/4	504.86	3/4	167.27	3/4		3/4		3/4	
8	2,323.69	8	1,957.65	8	1,591.60	8	1,226.19	8	862.42	8	497.46	8	160.60	8		8		8	
1/4	2,316.06	1/4	1,950.02	1/4	1,583.97	1/4	1,218.57	1/4	854.83	1/4	490.53	1/4	154.02	1/4		1/4		1/4	
1/2	2,308.44	1/2	1,942.40	1/2	1,576.35	1/2	1,210.94	1/2	847.25	1/2	483.59	1/2	147.44	1/2		1/2		1/2	
3/4	2,300.81	3/4	1,934.77	3/4	1,568.72	3/4	1,203.31	3/4	839.66	3/4	476.66	3/4	140.87	3/4		3/4		3/4	
9	2,293.19	9	1,927.15	9	1,561.09	9	1,195.69	9	832.08	9	469.72	9	134.29	9		9		9	
1/4	2,285.56	1/4	1,919.52	1/4	1,553.47	1/4	1,188.07	1/4	824.46	1/4	462.85	1/4	128.02	1/4		1/4		1/4	
1/2	2,277.93	1/2	1,911.89	1/2	1,545.84	1/2	1,180.46	1/2	816.85	1/2	455.98	1/2	121.75	1/2		1/2		1/2	
3/4	2,270.31	3/4	1,904.27	3/4	1,538.21	3/4	1,172.85	3/4	809.24	3/4	449.11	3/4	115.48	3/4		3/4		3/4	
10	2,262.68	10	1,896.64	10	1,530.59	10	1,165.24	10	801.63	10	442.24	10	109.21	10		10		10	
1/4	2,255.06	1/4	1,889.02	1/4	1,522.96	1/4	1,157.65	1/4	794.00	1/4	435.02	1/4	103.47	1/4		1/4		1/4	
1/2	2,247.43	1/2	1,881.39	1/2	1,515.34	1/2	1,150.07	1/2	786.37	1/2	427.79	1/2	97.73	1/2		1/2		1/2	
3/4	2,239.81	3/4	1,873.76	3/4	1,507.71	3/4	1,142.48	3/4	778.75	3/4	420.56	3/4	92.00	3/4		3/4		3/4	
11	2,232.18	11	1,866.14	11	1,500.08	11	1,134.90	11	771.12	11	413.34	11	86.26	11		11		11	
1/4	2,224.55	1/4	1,858.51	1/4	1,492.46	1/4	1,127.33	1/4	763.50	1/4	405.99	1/4	80.62	1/4		1/4		1/4	
1/2	2,216.93	1/2	1,850.88	1/2	1,484.83	1/2	1,119.76	1/2	755.87	1/2	398.64	1/2	74.97	1/2		1/2		1/2	
3/4	2,209.30	3/4	1,843.26	3/4	1,477.21	3/4	1,112.19	3/4	748.24	3/4	391.29	3/4	69.33	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/25/2009 CL - SW  
CALCULATED: 02/26/2009 CL  
PRINTED: 02/26/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2009

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



# BARGE "KIRBY 27762"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
									4,681.32		4,362.10		4,019.47		3,657.00		3,291.22		2,925.44
1/4		1/4		1/4		1/4		1/4	4,674.61	1/4	4,355.24	1/4	4,012.08	1/4	3,649.38	1/4	3,283.60	1/4	2,917.82
1/2		1/2		1/2		1/2		1/2	4,667.90	1/2	4,348.38	1/2	4,004.70	1/2	3,641.76	1/2	3,275.98	1/2	2,910.20
3/4		3/4		3/4		3/4		3/4	4,661.19	3/4	4,341.52	3/4	3,997.32	3/4	3,634.14	3/4	3,268.36	3/4	2,902.58
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	4,654.73	<b>1</b>	4,334.62	<b>1</b>	3,989.90	<b>1</b>	3,626.52	<b>1</b>	3,260.74	<b>1</b>	2,894.96
1/4		1/4		1/4		1/4		1/4	4,648.27	1/4	4,327.73	1/4	3,982.48	1/4	3,618.90	1/4	3,253.12	1/4	2,887.34
1/2		1/2		1/2		1/2		1/2	4,641.82	1/2	4,320.83	1/2	3,975.06	1/2	3,611.28	1/2	3,245.50	1/2	2,879.72
3/4		3/4		3/4		3/4		3/4	4,635.36	3/4	4,313.93	3/4	3,967.64	3/4	3,603.66	3/4	3,237.88	3/4	2,872.10
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	4,628.86	<b>2</b>	4,306.98	<b>2</b>	3,960.18	<b>2</b>	3,596.04	<b>2</b>	3,230.26	<b>2</b>	2,864.48
1/4		1/4		1/4		1/4		1/4	4,622.37	1/4	4,300.02	1/4	3,952.72	1/4	3,588.42	1/4	3,222.64	1/4	2,856.86
1/2		1/2		1/2		1/2		1/2	4,615.87	1/2	4,293.07	1/2	3,945.27	1/2	3,580.80	1/2	3,215.02	1/2	2,849.24
3/4		3/4		3/4		3/4		3/4	4,609.37	3/4	4,286.11	3/4	3,937.81	3/4	3,573.18	3/4	3,207.40	3/4	2,841.62
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	4,602.84	<b>3</b>	4,279.08	<b>3</b>	3,930.32	<b>3</b>	3,565.55	<b>3</b>	3,199.78	<b>3</b>	2,834.00
1/4		1/4		1/4		1/4		1/4	4,596.31	1/4	4,272.04	1/4	3,922.82	1/4	3,557.93	1/4	3,192.16	1/4	2,826.38
1/2		1/2		1/2		1/2		1/2	4,589.78	1/2	4,265.01	1/2	3,915.33	1/2	3,550.31	1/2	3,184.53	1/2	2,818.76
3/4		3/4		3/4		3/4		3/4	4,583.24	3/4	4,257.97	3/4	3,907.83	3/4	3,542.69	3/4	3,176.91	3/4	2,811.14
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	4,576.67	<b>4</b>	4,250.88	<b>4</b>	3,900.30	<b>4</b>	3,535.07	<b>4</b>	3,169.29	<b>4</b>	2,803.51
1/4		1/4		1/4		1/4		1/4	4,570.10	1/4	4,243.79	1/4	3,892.77	1/4	3,527.45	1/4	3,161.67	1/4	2,795.89
1/2		1/2		1/2		1/2		1/2	4,563.53	1/2	4,236.69	1/2	3,885.24	1/2	3,519.83	1/2	3,154.05	1/2	2,788.27
3/4		3/4		3/4		3/4		3/4	4,556.96	3/4	4,229.60	3/4	3,877.70	3/4	3,512.21	3/4	3,146.43	3/4	2,780.65
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	4,550.35	<b>5</b>	4,222.47	<b>5</b>	3,870.14	<b>5</b>	3,504.59	<b>5</b>	3,138.81	<b>5</b>	2,773.03
1/4		1/4		1/4		1/4		1/4	4,543.75	1/4	4,215.34	1/4	3,862.57	1/4	3,496.97	1/4	3,131.19	1/4	2,765.41
1/2		1/2		1/2		1/2		1/2	4,537.14	1/2	4,208.21	1/2	3,855.00	1/2	3,489.35	1/2	3,123.57	1/2	2,757.79
3/4		3/4		3/4		3/4		3/4	4,530.53	3/4	4,201.08	3/4	3,847.43	3/4	3,481.73	3/4	3,115.95	3/4	2,750.17
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	4,523.89	<b>6</b>	4,193.91	<b>6</b>	3,839.83	<b>6</b>	3,474.11	<b>6</b>	3,108.33	<b>6</b>	2,742.55
1/4		1/4		1/4		1/4		1/4	4,517.24	1/4	4,186.74	1/4	3,832.23	1/4	3,466.49	1/4	3,100.71	1/4	2,734.93
1/2		1/2		1/2		1/2		1/2	4,510.60	1/2	4,179.57	1/2	3,824.63	1/2	3,458.87	1/2	3,093.09	1/2	2,727.31
3/4		3/4		3/4		3/4		3/4	4,503.95	3/4	4,172.41	3/4	3,817.03	3/4	3,451.25	3/4	3,085.47	3/4	2,719.69
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	4,497.27	<b>7</b>	4,165.20	<b>7</b>	3,809.41	<b>7</b>	3,443.63	<b>7</b>	3,077.85	<b>7</b>	2,712.07
1/4		1/4		1/4		1/4		1/4	4,490.59	1/4	4,158.00	1/4	3,801.79	1/4	3,436.01	1/4	3,070.23	1/4	2,704.45
1/2		1/2		1/2		1/2		1/2	4,483.91	1/2	4,150.79	1/2	3,794.17	1/2	3,428.39	1/2	3,062.61	1/2	2,696.83
3/4		3/4		3/4		3/4		3/4	4,477.23	3/4	4,143.59	3/4	3,786.55	3/4	3,420.77	3/4	3,054.99	3/4	2,689.21
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	4,470.52	<b>8</b>	4,136.34	<b>8</b>	3,778.93	<b>8</b>	3,413.15	<b>8</b>	3,047.37	<b>8</b>	2,681.59
1/4		1/4		1/4		1/4		1/4	4,463.81	1/4	4,129.10	1/4	3,771.31	1/4	3,405.53	1/4	3,039.75	1/4	2,673.97
1/2		1/2		1/2		1/2		1/2	4,457.14	1/2	4,121.86	1/2	3,763.69	1/2	3,397.91	1/2	3,032.13	1/2	2,666.35
3/4		3/4		3/4		3/4		3/4	4,450.38	3/4	4,114.62	3/4	3,756.06	3/4	3,390.29	3/4	3,024.51	3/4	2,658.73
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	4,443.63	<b>9</b>	4,107.34	<b>9</b>	3,748.44	<b>9</b>	3,382.67	<b>9</b>	3,016.89	<b>9</b>	2,651.11
1/4		1/4		1/4		1/4		1/4	4,436.88	1/4	4,100.06	1/4	3,740.82	1/4	3,375.04	1/4	3,009.27	1/4	2,643.49
1/2		1/2		1/2		1/2		1/2	4,430.14	1/2	4,092.78	1/2	3,733.20	1/2	3,367.42	1/2	3,001.65	1/2	2,635.87
3/4		3/4		3/4		3/4		3/4	4,423.39	3/4	4,085.50	3/4	3,725.58	3/4	3,359.80	3/4	2,994.02	3/4	2,628.25
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	4,416.60	<b>10</b>	4,078.18	<b>10</b>	3,717.96	<b>10</b>	3,352.18	<b>10</b>	2,986.40	<b>10</b>	2,620.63
1/4		1/4		1/4		1/4		1/4	4,409.82	1/4	4,070.87	1/4	3,710.34	1/4	3,344.56	1/4	2,978.78	1/4	2,613.00
1/2		1/2		1/2		1/2		1/2	4,403.03	1/2	4,063.55	1/2	3,702.72	1/2	3,336.94	1/2	2,971.16	1/2	2,605.38
3/4		3/4		3/4		3/4		3/4	4,396.25	3/4	4,056.24	3/4	3,695.10	3/4	3,329.32	3/4	2,963.54	3/4	2,597.76
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	4,389.43	<b>11</b>	4,048.89	<b>11</b>	3,687.48	<b>11</b>	3,321.70	<b>11</b>	2,955.92	<b>11</b>	2,590.14
1/4		1/4		1/4		1/4		1/4	4,382.60	1/4	4,041.54	1/4	3,679.86	1/4	3,314.08	1/4	2,948.30	1/4	2,582.52
1/2		1/2		1/2		1/2		1/2	4,375.78	1/2	4,034.20	1/2	3,672.24	1/2	3,306.46	1/2	2,940.68	1/2	2,574.90
3/4		3/4		3/4		3/4		3/4	4,368.96	3/4	4,026.85	3/4	3,664.62	3/4	3,298.84	3/4	2,933.06	3/4	2,567.28

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 57'-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 27762"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,559.66	0	2,193.88	0	1,828.10	0	1,462.32	0	1,097.34	0	732.47	0	376.41	0	57.68	0		0	
1/4	2,552.04	1/4	2,186.26	1/4	1,820.48	1/4	1,454.71	1/4	1,089.75	1/4	724.85	1/4	369.16	1/4	51.71	1/4		1/4	
1/2	2,544.42	1/2	2,178.64	1/2	1,812.86	1/2	1,447.11	1/2	1,082.16	1/2	717.23	1/2	361.91	1/2	45.75	1/2		1/2	
3/4	2,536.80	3/4	2,171.02	3/4	1,805.24	3/4	1,439.50	3/4	1,074.56	3/4	709.61	3/4	354.65	3/4	39.78	3/4		3/4	
1	2,529.18	1	2,163.40	1	1,797.62	1	1,431.91	1	1,066.97	1	701.98	1	347.48	1	34.28	1		1	
1/4	2,521.56	1/4	2,155.78	1/4	1,790.00	1/4	1,424.31	1/4	1,059.38	1/4	694.36	1/4	340.30	1/4	28.79	1/4		1/4	
1/2	2,513.94	1/2	2,148.16	1/2	1,782.38	1/2	1,416.72	1/2	1,051.79	1/2	686.74	1/2	333.13	1/2	23.29	1/2		1/2	
3/4	2,506.32	3/4	2,140.54	3/4	1,774.75	3/4	1,409.13	3/4	1,044.19	3/4	679.12	3/4	325.95	3/4	17.80	3/4		3/4	
2	2,498.70	2	2,132.92	2	1,767.13	2	1,401.53	2	1,036.60	2	671.50	2	318.85	2	14.24	2		2	
1/4	2,491.08	1/4	2,125.30	1/4	1,759.51	1/4	1,393.94	1/4	1,029.01	1/4	663.88	1/4	311.74	1/4	10.69	1/4		1/4	
1/2	2,483.46	1/2	2,117.68	1/2	1,751.89	1/2	1,386.35	1/2	1,021.42	1/2	656.26	1/2	304.64	1/2	7.14	1/2		1/2	
3/4	2,475.84	3/4	2,110.06	3/4	1,744.27	3/4	1,378.75	3/4	1,013.83	3/4	648.64	3/4	297.53	3/4	3.58	3/4		3/4	
3	2,468.22	3	2,102.44	3	1,736.65	3	1,371.16	3	1,006.23	3	641.02	3	290.51	3		3		3	
1/4	2,460.60	1/4	2,094.82	1/4	1,729.03	1/4	1,363.57	1/4	998.64	1/4	633.40	1/4	283.48	1/4		1/4		1/4	
1/2	2,452.98	1/2	2,087.20	1/2	1,721.41	1/2	1,355.97	1/2	991.05	1/2	625.77	1/2	276.45	1/2		1/2		1/2	
3/4	2,445.36	3/4	2,079.58	3/4	1,713.79	3/4	1,348.38	3/4	983.46	3/4	618.15	3/4	269.42	3/4		3/4		3/4	
4	2,437.74	4	2,071.96	4	1,706.17	4	1,340.79	4	975.87	4	610.53	4	262.48	4		4		4	
1/4	2,430.12	1/4	2,064.34	1/4	1,698.55	1/4	1,333.19	1/4	968.27	1/4	602.91	1/4	255.54	1/4		1/4		1/4	
1/2	2,422.49	1/2	2,056.72	1/2	1,690.93	1/2	1,325.60	1/2	960.68	1/2	595.29	1/2	248.59	1/2		1/2		1/2	
3/4	2,414.87	3/4	2,049.10	3/4	1,683.31	3/4	1,318.00	3/4	953.09	3/4	587.67	3/4	241.65	3/4		3/4		3/4	
5	2,407.25	5	2,041.47	5	1,675.69	5	1,310.41	5	945.50	5	580.05	5	234.79	5		5		5	
1/4	2,399.63	1/4	2,033.85	1/4	1,668.06	1/4	1,302.82	1/4	937.91	1/4	572.43	1/4	227.93	1/4		1/4		1/4	
1/2	2,392.01	1/2	2,026.23	1/2	1,660.44	1/2	1,295.22	1/2	930.31	1/2	564.80	1/2	221.08	1/2		1/2		1/2	
3/4	2,384.39	3/4	2,018.61	3/4	1,652.82	3/4	1,287.63	3/4	922.72	3/4	557.18	3/4	214.22	3/4		3/4		3/4	
6	2,376.77	6	2,010.99	6	1,645.20	6	1,280.02	6	915.13	6	549.56	6	207.45	6		6		6	
1/4	2,369.15	1/4	2,003.37	1/4	1,637.58	1/4	1,272.41	1/4	907.54	1/4	541.94	1/4	200.68	1/4		1/4		1/4	
1/2	2,361.53	1/2	1,995.75	1/2	1,629.96	1/2	1,264.81	1/2	899.94	1/2	534.32	1/2	193.92	1/2		1/2		1/2	
3/4	2,353.91	3/4	1,988.13	3/4	1,622.34	3/4	1,257.20	3/4	892.35	3/4	526.70	3/4	187.15	3/4		3/4		3/4	
7	2,346.29	7	1,980.51	7	1,614.72	7	1,249.58	7	884.76	7	519.30	7	180.48	7		7		7	
1/4	2,338.67	1/4	1,972.89	1/4	1,607.10	1/4	1,241.96	1/4	877.16	1/4	511.90	1/4	173.82	1/4		1/4		1/4	
1/2	2,331.05	1/2	1,965.27	1/2	1,599.48	1/2	1,234.34	1/2	869.57	1/2	504.50	1/2	167.15	1/2		1/2		1/2	
3/4	2,323.43	3/4	1,957.65	3/4	1,591.86	3/4	1,226.71	3/4	861.98	3/4	497.11	3/4	160.48	3/4		3/4		3/4	
8	2,315.81	8	1,950.03	8	1,584.24	8	1,219.09	8	854.37	8	490.18	8	153.91	8		8		8	
1/4	2,308.19	1/4	1,942.41	1/4	1,576.62	1/4	1,211.47	1/4	846.76	1/4	483.25	1/4	147.34	1/4		1/4		1/4	
1/2	2,300.57	1/2	1,934.79	1/2	1,569.00	1/2	1,203.85	1/2	839.15	1/2	476.32	1/2	140.77	1/2		1/2		1/2	
3/4	2,292.95	3/4	1,927.17	3/4	1,561.37	3/4	1,196.23	3/4	831.54	3/4	469.39	3/4	134.19	3/4		3/4		3/4	
9	2,285.33	9	1,919.55	9	1,553.75	9	1,188.61	9	823.92	9	462.52	9	127.93	9		9		9	
1/4	2,277.71	1/4	1,911.93	1/4	1,546.13	1/4	1,180.99	1/4	816.30	1/4	455.66	1/4	121.66	1/4		1/4		1/4	
1/2	2,270.09	1/2	1,904.31	1/2	1,538.51	1/2	1,173.37	1/2	808.68	1/2	448.79	1/2	115.40	1/2		1/2		1/2	
3/4	2,262.47	3/4	1,896.69	3/4	1,530.89	3/4	1,165.74	3/4	801.06	3/4	441.93	3/4	109.13	3/4		3/4		3/4	
10	2,254.85	10	1,889.07	10	1,523.27	10	1,158.13	10	793.44	10	434.71	10	103.40	10		10		10	
1/4	2,247.23	1/4	1,881.44	1/4	1,515.65	1/4	1,150.53	1/4	785.82	1/4	427.49	1/4	97.66	1/4		1/4		1/4	
1/2	2,239.61	1/2	1,873.82	1/2	1,508.03	1/2	1,142.92	1/2	778.19	1/2	420.27	1/2	91.93	1/2		1/2		1/2	
3/4	2,231.98	3/4	1,866.20	3/4	1,500.41	3/4	1,135.31	3/4	770.57	3/4	413.04	3/4	86.20	3/4		3/4		3/4	
11	2,224.36	11	1,858.58	11	1,492.79	11	1,127.71	11	762.95	11	405.70	11	80.56	11		11		11	
1/4	2,216.74	1/4	1,850.96	1/4	1,485.17	1/4	1,120.12	1/4	755.33	1/4	398.35	1/4	74.92	1/4		1/4		1/4	
1/2	2,209.12	1/2	1,843.34	1/2	1,477.55	1/2	1,112.53	1/2	747.71	1/2	391.01	1/2	69.28	1/2		1/2		1/2	
3/4	2,201.50	3/4	1,835.72	3/4	1,469.93	3/4	1,104.93	3/4	740.09	3/4	383.66	3/4	63.65	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/25/2009 CL - SW  
CALCULATED: 02/26/2009 CL  
PRINTED: 02/26/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2009

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



# BARGE "KIRBY 27762"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	4,701.24	0	4,383.98	0	4,043.43	0	3,683.15	0	3,319.59	0	2,956.03		
1/4		1/4		1/4		1/4		1/4	4,694.57	1/4	4,377.16	1/4	4,036.09	1/4	3,675.58	1/4	3,312.02	1/4	2,948.46		
1/2		1/2		1/2		1/2		1/2	4,687.90	1/2	4,370.35	1/2	4,028.75	1/2	3,668.01	1/2	3,304.44	1/2	2,940.88		
3/4		3/4		3/4		3/4		3/4	4,681.23	3/4	4,363.53	3/4	4,021.42	3/4	3,660.43	3/4	3,296.87	3/4	2,933.31		
1		1		1		1		1	4,674.82	1	4,356.68	1	4,014.04	1	3,652.86	1	3,289.30	1	2,925.73		
1/4		1/4		1/4		1/4		1/4	4,668.40	1/4	4,349.82	1/4	4,006.67	1/4	3,645.28	1/4	3,281.72	1/4	2,918.16		
1/2		1/2		1/2		1/2		1/2	4,661.98	1/2	4,342.97	1/2	3,999.29	1/2	3,637.71	1/2	3,274.15	1/2	2,910.59		
3/4		3/4		3/4		3/4		3/4	4,655.56	3/4	4,336.11	3/4	3,991.92	3/4	3,630.14	3/4	3,266.57	3/4	2,903.01		
2		2		2		2		2	4,649.10	2	4,329.20	2	3,984.50	2	3,622.56	2	3,259.00	2	2,895.44		
1/4		1/4		1/4		1/4		1/4	4,642.65	1/4	4,322.29	1/4	3,977.09	1/4	3,614.99	1/4	3,251.43	1/4	2,887.86		
1/2		1/2		1/2		1/2		1/2	4,636.19	1/2	4,315.37	1/2	3,969.68	1/2	3,607.41	1/2	3,243.85	1/2	2,880.29		
3/4		3/4		3/4		3/4		3/4	4,629.74	3/4	4,308.46	3/4	3,962.27	3/4	3,599.84	3/4	3,236.28	3/4	2,872.72		
3		3		3		3		3	4,623.24	3	4,301.47	3	3,954.82	3	3,592.26	3	3,228.70	3	2,865.14		
1/4		1/4		1/4		1/4		1/4	4,616.75	1/4	4,294.48	1/4	3,947.37	1/4	3,584.69	1/4	3,221.13	1/4	2,857.57		
1/2		1/2		1/2		1/2		1/2	4,610.26	1/2	4,287.48	1/2	3,939.92	1/2	3,577.12	1/2	3,213.55	1/2	2,849.99		
3/4		3/4		3/4		3/4		3/4	4,603.76	3/4	4,280.49	3/4	3,932.47	3/4	3,569.54	3/4	3,205.98	3/4	2,842.42		
4		4		4		4		4	4,597.24	4	4,273.44	4	3,924.99	4	3,561.97	4	3,198.41	4	2,834.84		
1/4		1/4		1/4		1/4		1/4	4,590.71	1/4	4,266.39	1/4	3,917.50	1/4	3,554.39	1/4	3,190.83	1/4	2,827.27		
1/2		1/2		1/2		1/2		1/2	4,584.18	1/2	4,259.34	1/2	3,910.01	1/2	3,546.82	1/2	3,183.26	1/2	2,819.70		
3/4		3/4		3/4		3/4		3/4	4,577.65	3/4	4,252.29	3/4	3,902.53	3/4	3,539.24	3/4	3,175.68	3/4	2,812.12		
5		5		5		5		5	4,571.08	5	4,245.20	5	3,895.00	5	3,531.67	5	3,168.11	5	2,804.55		
1/4		1/4		1/4		1/4		1/4	4,564.51	1/4	4,238.12	1/4	3,887.48	1/4	3,524.10	1/4	3,160.53	1/4	2,796.97		
1/2		1/2		1/2		1/2		1/2	4,557.94	1/2	4,231.03	1/2	3,879.96	1/2	3,516.52	1/2	3,152.96	1/2	2,789.40		
3/4		3/4		3/4		3/4		3/4	4,551.38	3/4	4,223.94	3/4	3,872.44	3/4	3,508.95	3/4	3,145.39	3/4	2,781.82		
6		6		6		6		6	4,544.77	6	4,216.82	6	3,864.88	6	3,501.37	6	3,137.81	6	2,774.25		
1/4		1/4		1/4		1/4		1/4	4,538.17	1/4	4,209.69	1/4	3,857.33	1/4	3,493.80	1/4	3,130.24	1/4	2,766.68		
1/2		1/2		1/2		1/2		1/2	4,531.57	1/2	4,202.57	1/2	3,849.77	1/2	3,486.23	1/2	3,122.66	1/2	2,759.10		
3/4		3/4		3/4		3/4		3/4	4,524.96	3/4	4,195.44	3/4	3,842.22	3/4	3,478.65	3/4	3,115.09	3/4	2,751.53		
7		7		7		7		7	4,518.32	7	4,188.28	7	3,834.64	7	3,471.08	7	3,107.52	7	2,743.95		
1/4		1/4		1/4		1/4		1/4	4,511.68	1/4	4,181.12	1/4	3,827.07	1/4	3,463.50	1/4	3,099.94	1/4	2,736.38		
1/2		1/2		1/2		1/2		1/2	4,505.04	1/2	4,173.96	1/2	3,819.49	1/2	3,455.93	1/2	3,092.37	1/2	2,728.81		
3/4		3/4		3/4		3/4	4,823.48	3/4	4,498.40	3/4	4,166.80	3/4	3,811.92	3/4	3,448.35	3/4	3,084.79	3/4	2,721.23		
8		8		8		8		8	4,816.70	8	4,491.73	8	4,159.60	8	3,804.34	8	3,440.78	8	3,077.22	8	2,713.66
1/4		1/4		1/4		1/4		1/4	4,809.92	1/4	4,485.06	1/4	4,152.40	1/4	3,796.77	1/4	3,433.21	1/4	3,069.64	1/4	2,706.08
1/2		1/2		1/2		1/2		1/2	4,803.14	1/2	4,478.39	1/2	4,145.20	1/2	3,789.19	1/2	3,425.63	1/2	3,062.07	1/2	2,698.51
3/4		3/4		3/4		3/4		3/4	4,796.36	3/4	4,471.72	3/4	4,138.00	3/4	3,781.62	3/4	3,418.06	3/4	3,054.50	3/4	2,690.93
9		9		9		9		9	4,788.95	9	4,465.01	9	4,130.77	9	3,774.05	9	3,410.48	9	3,046.92	9	2,683.36
1/4		1/4		1/4		1/4		1/4	4,781.54	1/4	4,458.31	1/4	4,123.53	1/4	3,766.47	1/4	3,402.91	1/4	3,039.35	1/4	2,675.79
1/2		1/2		1/2		1/2		1/2	4,774.13	1/2	4,451.60	1/2	4,116.30	1/2	3,758.90	1/2	3,395.34	1/2	3,031.77	1/2	2,668.21
3/4		3/4		3/4		3/4		3/4	4,766.72	3/4	4,444.89	3/4	4,109.06	3/4	3,751.32	3/4	3,387.76	3/4	3,024.20	3/4	2,660.64
10		10		10		10		10	4,759.23	10	4,438.15	10	4,101.79	10	3,743.75	10	3,380.19	10	3,016.63	10	2,653.06
1/4		1/4		1/4		1/4		1/4	4,751.74	1/4	4,431.41	1/4	4,094.52	1/4	3,736.17	1/4	3,372.61	1/4	3,009.05	1/4	2,645.49
1/2		1/2		1/2		1/2		1/2	4,744.25	1/2	4,424.66	1/2	4,087.25	1/2	3,728.60	1/2	3,365.04	1/2	3,001.48	1/2	2,637.92
3/4		3/4		3/4		3/4		3/4	4,736.76	3/4	4,417.92	3/4	4,079.98	3/4	3,721.03	3/4	3,357.46	3/4	2,993.90	3/4	2,630.34
11		11		11		11		11	4,729.54	11	4,411.14	11	4,072.68	11	3,713.45	11	3,349.89	11	2,986.33	11	2,622.77
1/4		1/4		1/4		1/4		1/4	4,722.33	1/4	4,404.36	1/4	4,065.37	1/4	3,705.88	1/4	3,342.32	1/4	2,978.75	1/4	2,615.19
1/2		1/2		1/2		1/2		1/2	4,715.12	1/2	4,397.58	1/2	4,058.07	1/2	3,698.30	1/2	3,334.74	1/2	2,971.18	1/2	2,607.62
3/4		3/4		3/4		3/4		3/4	4,707.91	3/4	4,390.80	3/4	4,050.77	3/4	3,690.73	3/4	3,327.17	3/4	2,963.61	3/4	2,600.04

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 58'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27762"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,592.47	0	2,228.91	0	1,865.34	0	1,502.25	0	1,145.55	0	795.25	0	438.96	0	82.82	0		0	
1/4	2,584.90	1/4	2,221.33	1/4	1,857.77	1/4	1,494.84	1/4	1,138.31	1/4	787.67	1/4	431.41	1/4	75.55	1/4		1/4	
1/2	2,577.32	1/2	2,213.76	1/2	1,850.19	1/2	1,487.43	1/2	1,131.07	1/2	780.10	1/2	423.87	1/2	68.27	1/2		1/2	
3/4	2,569.75	3/4	2,206.19	3/4	1,842.62	3/4	1,480.01	3/4	1,123.82	3/4	772.52	3/4	416.32	3/4	61.00	3/4		3/4	
1	2,562.17	1	2,198.61	1	1,835.04	1	1,472.60	1	1,116.58	1	764.95	1	408.77	1	54.11	1		1	
1/4	2,554.60	1/4	2,191.04	1/4	1,827.47	1/4	1,465.19	1/4	1,109.33	1/4	757.37	1/4	401.22	1/4	47.21	1/4		1/4	
1/2	2,547.02	1/2	2,183.46	1/2	1,819.89	1/2	1,457.78	1/2	1,102.09	1/2	749.80	1/2	393.67	1/2	40.32	1/2		1/2	
3/4	2,539.45	3/4	2,175.89	3/4	1,812.32	3/4	1,450.36	3/4	1,094.84	3/4	742.22	3/4	386.11	3/4	33.43	3/4		3/4	
2	2,531.88	2	2,168.31	2	1,804.74	2	1,442.95	2	1,087.60	2	734.65	2	378.55	2	28.38	2		2	
1/4	2,524.30	1/4	2,160.74	1/4	1,797.17	1/4	1,435.54	1/4	1,080.35	1/4	727.07	1/4	370.98	1/4	23.33	1/4		1/4	
1/2	2,516.73	1/2	2,153.17	1/2	1,789.60	1/2	1,428.13	1/2	1,073.11	1/2	719.50	1/2	363.41	1/2	18.29	1/2		1/2	
3/4	2,509.15	3/4	2,145.59	3/4	1,782.02	3/4	1,420.71	3/4	1,065.86	3/4	711.92	3/4	355.85	3/4	13.24	3/4		3/4	
3	2,501.58	3	2,138.02	3	1,774.45	3	1,413.30	3	1,058.62	3	704.35	3	348.27	3		3		3	
1/4	2,494.01	1/4	2,130.44	1/4	1,766.87	1/4	1,405.89	1/4	1,051.37	1/4	696.78	1/4	340.70	1/4		1/4		1/4	
1/2	2,486.43	1/2	2,122.87	1/2	1,759.30	1/2	1,398.47	1/2	1,044.13	1/2	689.20	1/2	333.12	1/2		1/2		1/2	
3/4	2,478.86	3/4	2,115.30	3/4	1,751.72	3/4	1,391.06	3/4	1,036.88	3/4	681.63	3/4	325.55	3/4		3/4		3/4	
4	2,471.28	4	2,107.72	4	1,744.15	4	1,383.65	4	1,029.64	4	674.05	4	317.98	4		4		4	
1/4	2,463.71	1/4	2,100.15	1/4	1,736.57	1/4	1,376.23	1/4	1,022.39	1/4	666.48	1/4	310.40	1/4		1/4		1/4	
1/2	2,456.13	1/2	2,092.57	1/2	1,729.00	1/2	1,368.82	1/2	1,015.15	1/2	658.90	1/2	302.83	1/2		1/2		1/2	
3/4	2,448.56	3/4	2,085.00	3/4	1,721.43	3/4	1,361.41	3/4	1,007.90	3/4	651.32	3/4	295.25	3/4		3/4		3/4	
5	2,440.99	5	2,077.42	5	1,713.85	5	1,353.91	5	1,000.66	5	643.75	5	287.68	5		5		5	
1/4	2,433.41	1/4	2,069.85	1/4	1,706.28	1/4	1,346.42	1/4	993.41	1/4	636.17	1/4	280.11	1/4		1/4		1/4	
1/2	2,425.84	1/2	2,062.28	1/2	1,698.70	1/2	1,338.93	1/2	986.17	1/2	628.60	1/2	272.53	1/2		1/2		1/2	
3/4	2,418.26	3/4	2,054.70	3/4	1,691.13	3/4	1,331.43	3/4	978.92	3/4	621.02	3/4	264.96	3/4		3/4		3/4	
6	2,410.69	6	2,047.13	6	1,683.55	6	1,323.86	6	971.68	6	613.45	6	257.39	6		6		6	
1/4	2,403.11	1/4	2,039.55	1/4	1,675.98	1/4	1,316.28	1/4	964.43	1/4	605.87	1/4	249.82	1/4		1/4		1/4	
1/2	2,395.54	1/2	2,031.98	1/2	1,668.40	1/2	1,308.71	1/2	957.19	1/2	598.30	1/2	242.26	1/2		1/2		1/2	
3/4	2,387.97	3/4	2,024.40	3/4	1,660.83	3/4	1,301.13	3/4	949.95	3/4	590.72	3/4	234.69	3/4		3/4		3/4	
7	2,380.39	7	2,016.83	7	1,653.25	7	1,293.56	7	942.70	7	583.37	7	227.14	7		7		7	
1/4	2,372.82	1/4	2,009.26	1/4	1,645.68	1/4	1,285.98	1/4	935.45	1/4	576.02	1/4	219.59	1/4		1/4		1/4	
1/2	2,365.24	1/2	2,001.68	1/2	1,638.11	1/2	1,278.41	1/2	928.21	1/2	568.67	1/2	212.03	1/2		1/2		1/2	
3/4	2,357.67	3/4	1,994.11	3/4	1,630.53	3/4	1,270.83	3/4	920.96	3/4	561.32	3/4	204.48	3/4		3/4		3/4	
8	2,350.10	8	1,986.53	8	1,622.96	8	1,263.26	8	913.70	8	554.41	8	196.94	8		8		8	
1/4	2,342.52	1/4	1,978.96	1/4	1,615.38	1/4	1,255.68	1/4	906.44	1/4	547.51	1/4	189.40	1/4		1/4		1/4	
1/2	2,334.95	1/2	1,971.38	1/2	1,607.81	1/2	1,248.11	1/2	899.17	1/2	540.61	1/2	181.85	1/2		1/2		1/2	
3/4	2,327.37	3/4	1,963.81	3/4	1,600.23	3/4	1,240.53	3/4	891.91	3/4	533.70	3/4	174.31	3/4		3/4		3/4	
9	2,319.80	9	1,956.23	9	1,592.66	9	1,233.11	9	884.64	9	526.80	9	166.99	9		9		9	
1/4	2,312.22	1/4	1,948.66	1/4	1,585.08	1/4	1,225.68	1/4	877.37	1/4	519.90	1/4	159.67	1/4		1/4		1/4	
1/2	2,304.65	1/2	1,941.09	1/2	1,577.51	1/2	1,218.26	1/2	870.09	1/2	512.99	1/2	152.36	1/2		1/2		1/2	
3/4	2,297.08	3/4	1,933.51	3/4	1,569.94	3/4	1,210.83	3/4	862.82	3/4	506.09	3/4	145.04	3/4		3/4		3/4	
10	2,289.50	10	1,925.94	10	1,562.36	10	1,203.57	10	855.40	10	498.75	10	138.16	10		10		10	
1/4	2,281.93	1/4	1,918.36	1/4	1,554.79	1/4	1,196.31	1/4	847.97	1/4	491.40	1/4	131.29	1/4		1/4		1/4	
1/2	2,274.35	1/2	1,910.79	1/2	1,547.21	1/2	1,189.05	1/2	840.55	1/2	484.06	1/2	124.42	1/2		1/2		1/2	
3/4	2,266.78	3/4	1,903.21	3/4	1,539.64	3/4	1,181.79	3/4	833.12	3/4	476.71	3/4	117.54	3/4		3/4		3/4	
11	2,259.21	11	1,895.64	11	1,532.14	11	1,174.54	11	825.55	11	469.16	11	110.68	11		11		11	
1/4	2,251.63	1/4	1,888.06	1/4	1,524.65	1/4	1,167.29	1/4	817.97	1/4	461.61	1/4	103.82	1/4		1/4		1/4	
1/2	2,244.06	1/2	1,880.49	1/2	1,517.16	1/2	1,160.05	1/2	810.40	1/2	454.06	1/2	96.96	1/2		1/2		1/2	
3/4	2,236.48	3/4	1,872.92	3/4	1,509.66	3/4	1,152.80	3/4	802.82	3/4	446.50	3/4	90.10	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/25/2009 CL - SW  
CALCULATED: 02/26/2009 CL  
PRINTED: 02/26/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2009

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





# BARGE "KIRBY 27762"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
									4,710.81		4,393.36		4,052.25		3,691.71		3,328.10		2,964.49		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,704.14	1/4	4,386.54	1/4	4,044.91	1/4	3,684.13	1/4	3,320.52	1/4	2,956.91		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,697.47	1/2	4,379.72	1/2	4,037.57	1/2	3,676.56	1/2	3,312.95	1/2	2,949.34		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,691.05	3/4	4,372.87	3/4	4,030.19	3/4	3,668.98	3/4	3,305.37	3/4	2,941.76		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	4,684.63	<b>1</b>	4,366.01	<b>1</b>	4,022.82	<b>1</b>	3,661.41	<b>1</b>	3,297.80	<b>1</b>	2,934.19		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,678.21	1/4	4,359.16	1/4	4,015.44	1/4	3,653.83	1/4	3,290.22	1/4	2,926.61		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,671.79	1/2	4,352.30	1/2	4,008.07	1/2	3,646.26	1/2	3,282.65	1/2	2,919.04		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,665.33	3/4	4,345.39	3/4	4,000.65	3/4	3,638.68	3/4	3,275.07	3/4	2,911.46		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	4,658.88	<b>2</b>	4,338.48	<b>2</b>	3,993.24	<b>2</b>	3,631.11	<b>2</b>	3,267.50	<b>2</b>	2,903.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,652.42	1/4	4,331.56	1/4	3,985.83	1/4	3,623.53	1/4	3,259.92	1/4	2,896.31		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,645.96	1/2	4,324.65	1/2	3,978.41	1/2	3,615.96	1/2	3,252.35	1/2	2,888.74		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,639.47	3/4	4,317.66	3/4	3,970.96	3/4	3,608.38	3/4	3,244.77	3/4	2,881.16		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	4,632.98	<b>3</b>	4,310.66	<b>3</b>	3,963.51	<b>3</b>	3,600.80	<b>3</b>	3,237.20	<b>3</b>	2,873.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,626.48	1/4	4,303.67	1/4	3,956.06	1/4	3,593.23	1/4	3,229.62	1/4	2,866.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,619.99	1/2	4,296.68	1/2	3,948.61	1/2	3,585.65	1/2	3,222.04	1/2	2,858.44		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,613.46	3/4	4,289.63	3/4	3,941.13	3/4	3,578.08	3/4	3,214.47	3/4	2,850.86		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	4,606.93	<b>4</b>	4,282.57	<b>4</b>	3,933.64	<b>4</b>	3,570.50	<b>4</b>	3,206.89	<b>4</b>	2,843.28		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,600.40	1/4	4,275.52	1/4	3,926.15	1/4	3,562.93	1/4	3,199.32	1/4	2,835.71		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,593.87	1/2	4,268.47	1/2	3,918.67	1/2	3,555.35	1/2	3,191.74	1/2	2,828.13		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,587.30	3/4	4,261.38	3/4	3,911.14	3/4	3,547.78	3/4	3,184.17	3/4	2,820.56		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	4,580.73	<b>5</b>	4,254.30	<b>5</b>	3,903.62	<b>5</b>	3,540.20	<b>5</b>	3,176.59	<b>5</b>	2,812.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,574.16	1/4	4,247.21	1/4	3,896.09	1/4	3,532.63	1/4	3,169.02	1/4	2,805.41		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,567.60	1/2	4,240.12	1/2	3,888.57	1/2	3,525.05	1/2	3,161.44	1/2	2,797.83		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,560.99	3/4	4,232.99	3/4	3,881.01	3/4	3,517.48	3/4	3,153.87	3/4	2,790.26		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	4,554.39	<b>6</b>	4,225.87	<b>6</b>	3,873.46	<b>6</b>	3,509.90	<b>6</b>	3,146.29	<b>6</b>	2,782.68		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,547.78	1/4	4,218.74	1/4	3,865.90	1/4	3,502.33	1/4	3,138.72	1/4	2,775.11		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,541.18	1/2	4,211.62	1/2	3,858.35	1/2	3,494.75	1/2	3,131.14	1/2	2,767.53		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,534.54	3/4	4,204.46	3/4	3,850.78	3/4	3,487.18	3/4	3,123.57	3/4	2,759.96		
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	4,527.90	<b>7</b>	4,197.29	<b>7</b>	3,843.20	<b>7</b>	3,479.60	<b>7</b>	3,115.99	<b>7</b>	2,752.38		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,521.26	1/4	4,190.13	1/4	3,835.63	1/4	3,472.03	1/4	3,108.42	1/4	2,744.81		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,839.73	1/2	4,514.62	1/2	4,182.97	1/2	3,828.06	1/2	3,464.45	1/2	3,100.84	1/2	2,737.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,832.95	3/4	4,507.94	3/4	4,175.77	3/4	3,820.49	3/4	3,456.88	3/4	3,093.27	3/4	2,729.66
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	4,826.17	<b>8</b>	4,501.27	<b>8</b>	4,168.57	<b>8</b>	3,812.91	<b>8</b>	3,449.30	<b>8</b>	3,085.69	<b>8</b>	2,722.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,819.39	1/4	4,494.60	1/4	4,161.37	1/4	3,805.34	1/4	3,441.73	1/4	3,078.12	1/4	2,714.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,812.61	1/2	4,487.93	1/2	4,154.17	1/2	3,797.76	1/2	3,434.15	1/2	3,070.54	1/2	2,706.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,805.20	3/4	4,481.22	3/4	4,146.93	3/4	3,790.19	3/4	3,426.58	3/4	3,062.97	3/4	2,699.36
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	4,797.78	<b>9</b>	4,474.51	<b>9</b>	4,139.70	<b>9</b>	3,782.61	<b>9</b>	3,419.00	<b>9</b>	3,055.39	<b>9</b>	2,691.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,790.37	1/4	4,467.81	1/4	4,132.46	1/4	3,775.03	1/4	3,411.42	1/4	3,047.82	1/4	2,684.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,782.96	1/2	4,461.10	1/2	4,125.22	1/2	3,767.46	1/2	3,403.85	1/2	3,040.24	1/2	2,676.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,775.47	3/4	4,454.35	3/4	4,117.95	3/4	3,759.88	3/4	3,396.27	3/4	3,032.66	3/4	2,669.06
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	4,767.98	<b>10</b>	4,447.61	<b>10</b>	4,110.68	<b>10</b>	3,752.31	<b>10</b>	3,388.70	<b>10</b>	3,025.09	<b>10</b>	2,661.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,760.49	1/4	4,440.87	1/4	4,103.41	1/4	3,744.73	1/4	3,381.12	1/4	3,017.51	1/4	2,653.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,753.00	1/2	4,434.12	1/2	4,096.14	1/2	3,737.16	1/2	3,373.55	1/2	3,009.94	1/2	2,646.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,745.78	3/4	4,427.34	3/4	4,088.84	3/4	3,729.58	3/4	3,365.97	3/4	3,002.36	3/4	2,638.75
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	4,738.57	<b>11</b>	4,420.56	<b>11</b>	4,081.53	<b>11</b>	3,722.01	<b>11</b>	3,358.40	<b>11</b>	2,994.79	<b>11</b>	2,631.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,731.36	1/4	4,413.78	1/4	4,074.23	1/4	3,714.43	1/4	3,350.82	1/4	2,987.21	1/4	2,623.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,724.14	1/2	4,407.00	1/2	4,066.92	1/2	3,706.86	1/2	3,343.25	1/2	2,979.64	1/2	2,616.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,717.47	3/4	4,400.18	3/4	4,059.59	3/4	3,699.28	3/4	3,335.67	3/4	2,972.06	3/4	2,608.45

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 58'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "KIRBY 27762"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,600.88	0	2,237.27	0	1,873.66	0	1,510.68	0	1,150.50	0	787.77	0	431.47	0	75.56	0		0	
1/4	2,593.30	1/4	2,229.69	1/4	1,866.08	1/4	1,503.27	1/4	1,142.95	1/4	780.19	1/4	423.92	1/4	68.28	1/4		1/4	
1/2	2,585.73	1/2	2,222.12	1/2	1,858.51	1/2	1,495.86	1/2	1,135.40	1/2	772.62	1/2	416.37	1/2	61.01	1/2		1/2	
3/4	2,578.15	3/4	2,214.54	3/4	1,850.93	3/4	1,488.44	3/4	1,127.86	3/4	765.04	3/4	408.82	3/4	54.11	3/4		3/4	
1	2,570.58	1	2,206.97	1	1,843.36	1	1,481.03	1	1,120.31	1	757.47	1	401.27	1	47.22	1		1	
1/4	2,563.00	1/4	2,199.39	1/4	1,835.78	1/4	1,473.62	1/4	1,112.76	1/4	749.89	1/4	393.71	1/4	40.33	1/4		1/4	
1/2	2,555.43	1/2	2,191.82	1/2	1,828.20	1/2	1,466.20	1/2	1,105.22	1/2	742.31	1/2	386.16	1/2	33.43	1/2		1/2	
3/4	2,547.85	3/4	2,184.24	3/4	1,820.63	3/4	1,458.79	3/4	1,097.67	3/4	734.74	3/4	378.59	3/4	28.38	3/4		3/4	
2	2,540.28	2	2,176.67	2	1,813.05	2	1,451.37	2	1,090.12	2	727.16	2	371.02	2	23.34	2		2	
1/4	2,532.70	1/4	2,169.09	1/4	1,805.48	1/4	1,443.96	1/4	1,082.58	1/4	719.59	1/4	363.46	1/4	18.29	1/4		1/4	
1/2	2,525.13	1/2	2,161.52	1/2	1,797.90	1/2	1,436.55	1/2	1,075.03	1/2	712.01	1/2	355.89	1/2	13.24	1/2		1/2	
3/4	2,517.55	3/4	2,153.94	3/4	1,790.33	3/4	1,429.13	3/4	1,067.48	3/4	704.44	3/4	348.31	3/4		3/4		3/4	
3	2,509.98	3	2,146.37	3	1,782.75	3	1,421.72	3	1,059.93	3	696.86	3	340.74	3		3		3	
1/4	2,502.40	1/4	2,138.79	1/4	1,775.18	1/4	1,414.31	1/4	1,052.39	1/4	689.28	1/4	333.16	1/4		1/4		1/4	
1/2	2,494.83	1/2	2,131.22	1/2	1,767.60	1/2	1,406.89	1/2	1,044.84	1/2	681.71	1/2	325.59	1/2		1/2		1/2	
3/4	2,487.25	3/4	2,123.64	3/4	1,760.03	3/4	1,399.48	3/4	1,037.29	3/4	674.13	3/4	318.01	3/4		3/4		3/4	
4	2,479.68	4	2,116.07	4	1,752.45	4	1,392.06	4	1,029.75	4	666.56	4	310.44	4		4		4	
1/4	2,472.10	1/4	2,108.49	1/4	1,744.87	1/4	1,384.65	1/4	1,022.20	1/4	658.98	1/4	302.86	1/4		1/4		1/4	
1/2	2,464.52	1/2	2,100.92	1/2	1,737.30	1/2	1,377.24	1/2	1,014.65	1/2	651.40	1/2	295.29	1/2		1/2		1/2	
3/4	2,456.95	3/4	2,093.34	3/4	1,729.72	3/4	1,369.74	3/4	1,007.11	3/4	643.83	3/4	287.71	3/4		3/4		3/4	
5	2,449.37	5	2,085.76	5	1,722.15	5	1,362.25	5	999.56	5	636.25	5	280.14	5		5		5	
1/4	2,441.80	1/4	2,078.19	1/4	1,714.57	1/4	1,354.75	1/4	992.01	1/4	628.68	1/4	272.56	1/4		1/4		1/4	
1/2	2,434.22	1/2	2,070.61	1/2	1,707.00	1/2	1,347.26	1/2	984.47	1/2	621.10	1/2	264.99	1/2		1/2		1/2	
3/4	2,426.65	3/4	2,063.04	3/4	1,699.42	3/4	1,339.68	3/4	976.92	3/4	613.52	3/4	257.42	3/4		3/4		3/4	
6	2,419.07	6	2,055.46	6	1,691.85	6	1,332.10	6	969.37	6	605.95	6	249.85	6		6		6	
1/4	2,411.50	1/4	2,047.89	1/4	1,684.27	1/4	1,324.53	1/4	961.83	1/4	598.37	1/4	242.29	1/4		1/4		1/4	
1/2	2,403.92	1/2	2,040.31	1/2	1,676.69	1/2	1,316.95	1/2	954.28	1/2	590.80	1/2	234.72	1/2		1/2		1/2	
3/4	2,396.35	3/4	2,032.74	3/4	1,669.12	3/4	1,309.38	3/4	946.73	3/4	583.44	3/4	227.17	3/4		3/4		3/4	
7	2,388.77	7	2,025.17	7	1,661.54	7	1,301.80	7	939.18	7	576.09	7	219.61	7		7		7	
1/4	2,381.20	1/4	2,017.59	1/4	1,653.97	1/4	1,294.22	1/4	931.63	1/4	568.74	1/4	212.06	1/4		1/4		1/4	
1/2	2,373.62	1/2	2,010.02	1/2	1,646.39	1/2	1,286.65	1/2	924.08	1/2	561.39	1/2	204.51	1/2		1/2		1/2	
3/4	2,366.05	3/4	2,002.44	3/4	1,638.82	3/4	1,279.07	3/4	916.52	3/4	554.48	3/4	196.96	3/4		3/4		3/4	
8	2,358.47	8	1,994.87	8	1,631.24	8	1,271.50	8	908.96	8	547.58	8	189.42	8		8		8	
1/4	2,350.90	1/4	1,987.29	1/4	1,623.67	1/4	1,263.92	1/4	901.39	1/4	540.67	1/4	181.88	1/4		1/4		1/4	
1/2	2,343.32	1/2	1,979.71	1/2	1,616.09	1/2	1,256.34	1/2	893.83	1/2	533.77	1/2	174.33	1/2		1/2		1/2	
3/4	2,335.75	3/4	1,972.14	3/4	1,608.52	3/4	1,248.77	3/4	886.26	3/4	526.86	3/4	167.01	3/4		3/4		3/4	
9	2,328.17	9	1,964.56	9	1,600.94	9	1,241.19	9	878.68	9	519.96	9	159.69	9		9		9	
1/4	2,320.60	1/4	1,956.99	1/4	1,593.36	1/4	1,233.62	1/4	871.10	1/4	513.05	1/4	152.37	1/4		1/4		1/4	
1/2	2,313.02	1/2	1,949.41	1/2	1,585.79	1/2	1,226.04	1/2	863.53	1/2	506.15	1/2	145.05	1/2		1/2		1/2	
3/4	2,305.45	3/4	1,941.84	3/4	1,578.21	3/4	1,218.48	3/4	855.95	3/4	498.81	3/4	138.18	3/4		3/4		3/4	
10	2,297.87	10	1,934.26	10	1,570.64	10	1,210.91	10	848.38	10	491.46	10	131.31	10		10		10	
1/4	2,290.30	1/4	1,926.69	1/4	1,563.06	1/4	1,203.35	1/4	840.80	1/4	484.12	1/4	124.43	1/4		1/4		1/4	
1/2	2,282.72	1/2	1,919.11	1/2	1,555.49	1/2	1,195.79	1/2	833.22	1/2	476.77	1/2	117.56	1/2		1/2		1/2	
3/4	2,275.14	3/4	1,911.54	3/4	1,547.99	3/4	1,188.24	3/4	825.65	3/4	469.22	3/4	110.70	3/4		3/4		3/4	
11	2,267.57	11	1,903.96	11	1,540.50	11	1,180.69	11	818.07	11	461.66	11	103.83	11		11		11	
1/4	2,259.99	1/4	1,896.38	1/4	1,533.00	1/4	1,173.14	1/4	810.50	1/4	454.11	1/4	96.97	1/4		1/4		1/4	
1/2	2,252.42	1/2	1,888.81	1/2	1,525.51	1/2	1,165.59	1/2	802.92	1/2	446.56	1/2	90.11	1/2		1/2		1/2	
3/4	2,244.84	3/4	1,881.23	3/4	1,518.10	3/4	1,158.04	3/4	795.35	3/4	439.01	3/4	82.83	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/25/2009 CL - SW  
CALCULATED: 02/26/2009 CL  
PRINTED: 02/26/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2009

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



# BARGE "KIRBY 27762"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
									4,040.32		3,871.46		3,689.98		3,496.93		3,245.42		2,882.27		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,036.48	1/4	3,867.86	1/4	3,686.06	1/4	3,492.86	1/4	3,237.83	1/4	2,874.71		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,032.65	1/2	3,864.26	1/2	3,682.13	1/2	3,488.79	1/2	3,230.25	1/2	2,867.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,029.11	3/4	3,860.64	3/4	3,678.19	3/4	3,484.72	3/4	3,222.67	3/4	2,859.58		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	4,025.57	<b>1</b>	3,857.01	<b>1</b>	3,674.25	<b>1</b>	3,480.66	<b>1</b>	3,215.08	<b>1</b>	2,852.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,022.03	1/4	3,853.39	1/4	3,670.31	1/4	3,476.59	1/4	3,207.50	1/4	2,844.46		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,018.48	1/2	3,849.77	1/2	3,666.37	1/2	3,472.52	1/2	3,199.91	1/2	2,836.90		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,015.08	3/4	3,846.13	3/4	3,662.41	3/4	3,468.45	3/4	3,192.34	3/4	2,829.34		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	4,011.67	<b>2</b>	3,842.49	<b>2</b>	3,658.45	<b>2</b>	3,464.39	<b>2</b>	3,184.77	<b>2</b>	2,821.78		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,008.26	1/4	3,838.85	1/4	3,654.49	1/4	3,460.32	1/4	3,177.20	1/4	2,814.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,004.86	1/2	3,835.20	1/2	3,650.53	1/2	3,456.25	1/2	3,169.62	1/2	2,806.65		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,001.43	3/4	3,831.52	3/4	3,646.55	3/4	3,452.18	3/4	3,162.06	3/4	2,799.09		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	3,998.00	<b>3</b>	3,827.84	<b>3</b>	3,642.57	<b>3</b>	3,448.12	<b>3</b>	3,154.50	<b>3</b>	2,791.53		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,994.57	1/4	3,824.16	1/4	3,638.59	1/4	3,444.05	1/4	3,146.94	1/4	2,783.97		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,991.15	1/2	3,820.47	1/2	3,634.61	1/2	3,439.98	1/2	3,139.38	1/2	2,776.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,987.70	3/4	3,816.73	3/4	3,630.61	3/4	3,435.91	3/4	3,131.81	3/4	2,768.84		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	3,984.25	<b>4</b>	3,812.98	<b>4</b>	3,626.61	<b>4</b>	3,431.85	<b>4</b>	3,124.25	<b>4</b>	2,761.28		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,980.81	1/4	3,809.24	1/4	3,622.61	1/4	3,427.78	1/4	3,116.69	1/4	2,753.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,977.36	1/2	3,805.50	1/2	3,618.61	1/2	3,423.71	1/2	3,109.13	1/2	2,746.16		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,973.89	3/4	3,801.71	3/4	3,614.59	3/4	3,419.64	3/4	3,101.57	3/4	2,738.59		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	3,970.42	<b>5</b>	3,797.92	<b>5</b>	3,610.57	<b>5</b>	3,415.58	<b>5</b>	3,094.00	<b>5</b>	2,731.03		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,966.96	1/4	3,794.14	1/4	3,606.55	1/4	3,411.51	1/4	3,086.44	1/4	2,723.47		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,963.49	1/2	3,790.35	1/2	3,602.53	1/2	3,407.44	1/2	3,078.88	1/2	2,715.91		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,960.00	3/4	3,786.55	3/4	3,598.49	3/4	3,403.37	3/4	3,071.32	3/4	2,708.35		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	3,956.52	<b>6</b>	3,782.74	<b>6</b>	3,594.45	<b>6</b>	3,399.31	<b>6</b>	3,063.76	<b>6</b>	2,700.78		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,953.03	1/4	3,778.93	1/4	3,590.41	1/4	3,395.24	1/4	3,056.19	1/4	2,693.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,949.54	1/2	3,775.13	1/2	3,586.37	1/2	3,391.17	1/2	3,048.63	1/2	2,685.66		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,946.04	3/4	3,771.30	3/4	3,582.31	3/4	3,387.10	3/4	3,041.07	3/4	2,678.10		
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	3,942.53	<b>7</b>	3,767.48	<b>7</b>	3,578.25	<b>7</b>	3,383.04	<b>7</b>	3,033.51	<b>7</b>	2,670.54		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,939.02	1/4	3,763.65	1/4	3,574.20	1/4	3,378.97	1/4	3,025.95	1/4	2,662.98		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,935.51	1/2	3,759.83	1/2	3,570.14	1/2	3,374.90	1/2	3,018.38	1/2	2,655.41		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,931.99	3/4	3,755.98	3/4	3,566.07	3/4	3,369.08	3/4	3,010.82	3/4	2,647.85		
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	3,928.46	<b>8</b>	3,752.13	<b>8</b>	3,562.01	<b>8</b>	3,363.25	<b>8</b>	3,003.26	<b>8</b>	2,640.29		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,924.94	1/4	3,748.29	1/4	3,557.94	1/4	3,357.42	1/4	2,995.70	1/4	2,632.73		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,092.62	1/2	3,921.41	1/2	3,744.44	1/2	3,553.87	1/2	3,351.60	1/2	2,988.14	1/2	2,625.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,089.35	3/4	3,917.87	3/4	3,740.58	3/4	3,549.80	3/4	3,344.01	3/4	2,980.58	3/4	2,617.60
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	4,086.08	<b>9</b>	3,914.33	<b>9</b>	3,736.71	<b>9</b>	3,545.74	<b>9</b>	3,336.43	<b>9</b>	2,973.01	<b>9</b>	2,610.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,082.81	1/4	3,910.78	1/4	3,732.85	1/4	3,541.67	1/4	3,328.85	1/4	2,965.45	1/4	2,602.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,079.53	1/2	3,907.24	1/2	3,728.98	1/2	3,537.60	1/2	3,321.26	1/2	2,957.89	1/2	2,594.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,075.63	3/4	3,903.68	3/4	3,725.09	3/4	3,533.53	3/4	3,313.68	3/4	2,950.33	3/4	2,587.36
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	4,071.73	<b>10</b>	3,900.12	<b>10</b>	3,721.21	<b>10</b>	3,529.47	<b>10</b>	3,306.09	<b>10</b>	2,942.77	<b>10</b>	2,579.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,067.82	1/4	3,896.55	1/4	3,717.32	1/4	3,525.40	1/4	3,298.51	1/4	2,935.20	1/4	2,572.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,063.92	1/2	3,892.99	1/2	3,713.44	1/2	3,521.33	1/2	3,290.92	1/2	2,927.64	1/2	2,564.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,059.94	3/4	3,889.41	3/4	3,709.53	3/4	3,517.26	3/4	3,283.34	3/4	2,920.08	3/4	2,557.11
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	4,055.95	<b>11</b>	3,885.83	<b>11</b>	3,705.63	<b>11</b>	3,513.20	<b>11</b>	3,275.76	<b>11</b>	2,912.52	<b>11</b>	2,549.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,051.97	1/4	3,882.25	1/4	3,701.73	1/4	3,509.13	1/4	3,268.17	1/4	2,904.96	1/4	2,541.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,047.99	1/2	3,878.66	1/2	3,697.82	1/2	3,505.06	1/2	3,260.59	1/2	2,897.39	1/2	2,534.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,044.15	3/4	3,875.06	3/4	3,693.90	3/4	3,500.99	3/4	3,253.00	3/4	2,889.83	3/4	2,526.86

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27762"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-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	2,519.30	0	2,156.33	0	1,793.35	0	1,431.00	0	1,073.97	0	721.94	0	370.18	0	54.51	0		0	
1/4	2,511.74	1/4	2,148.77	1/4	1,785.79	1/4	1,423.55	1/4	1,066.65	1/4	714.58	1/4	362.63	1/4	52.71	1/4		1/4	
1/2	2,504.18	1/2	2,141.20	1/2	1,778.23	1/2	1,416.09	1/2	1,059.32	1/2	707.22	1/2	355.09	1/2	50.92	1/2		1/2	
3/4	2,496.61	3/4	2,133.64	3/4	1,770.67	3/4	1,408.70	3/4	1,051.99	3/4	699.87	3/4	347.55	3/4	49.97	3/4		3/4	
1	2,489.05	1	2,126.08	1	1,763.10	1	1,401.31	1	1,044.67	1	692.51	1	340.01	1	49.03	1		1	
1/4	2,481.49	1/4	2,118.52	1/4	1,755.54	1/4	1,393.92	1/4	1,037.34	1/4	685.15	1/4	332.48	1/4	48.08	1/4		1/4	
1/2	2,473.93	1/2	2,110.96	1/2	1,747.98	1/2	1,386.53	1/2	1,030.02	1/2	677.80	1/2	324.94	1/2	47.13	1/2		1/2	
3/4	2,466.37	3/4	2,103.39	3/4	1,740.42	3/4	1,379.13	3/4	1,022.69	3/4	670.44	3/4	317.39	3/4		3/4		3/4	
2	2,458.80	2	2,095.83	2	1,732.86	2	1,371.73	2	1,015.37	2	663.08	2	309.85	2		2		2	
1/4	2,451.24	1/4	2,088.27	1/4	1,725.29	1/4	1,364.33	1/4	1,008.04	1/4	655.73	1/4	302.31	1/4		1/4		1/4	
1/2	2,443.68	1/2	2,080.71	1/2	1,717.73	1/2	1,356.93	1/2	1,000.72	1/2	648.37	1/2	294.76	1/2		1/2		1/2	
3/4	2,436.12	3/4	2,073.15	3/4	1,710.17	3/4	1,349.53	3/4	993.39	3/4	641.02	3/4	287.20	3/4		3/4		3/4	
3	2,428.56	3	2,065.59	3	1,702.61	3	1,342.13	3	986.07	3	633.66	3	279.65	3		3		3	
1/4	2,420.99	1/4	2,058.02	1/4	1,695.05	1/4	1,334.73	1/4	978.74	1/4	626.30	1/4	272.09	1/4		1/4		1/4	
1/2	2,413.43	1/2	2,050.46	1/2	1,687.48	1/2	1,327.33	1/2	971.42	1/2	618.95	1/2	264.53	1/2		1/2		1/2	
3/4	2,405.87	3/4	2,042.90	3/4	1,679.92	3/4	1,319.92	3/4	964.09	3/4	611.59	3/4	256.96	3/4		3/4		3/4	
4	2,398.31	4	2,035.34	4	1,672.36	4	1,312.52	4	956.77	4	604.23	4	249.40	4		4		4	
1/4	2,390.75	1/4	2,027.78	1/4	1,664.80	1/4	1,305.12	1/4	949.44	1/4	596.88	1/4	241.83	1/4		1/4		1/4	
1/2	2,383.19	1/2	2,020.21	1/2	1,657.24	1/2	1,297.72	1/2	942.12	1/2	589.52	1/2	234.27	1/2		1/2		1/2	
3/4	2,375.62	3/4	2,012.65	3/4	1,649.67	3/4	1,290.33	3/4	934.79	3/4	582.06	3/4	226.70	3/4		3/4		3/4	
5	2,368.06	5	2,005.09	5	1,642.11	5	1,282.93	5	927.46	5	574.60	5	219.13	5		5		5	
1/4	2,360.50	1/4	1,997.53	1/4	1,634.55	1/4	1,275.54	1/4	920.14	1/4	567.14	1/4	211.57	1/4		1/4		1/4	
1/2	2,352.94	1/2	1,989.97	1/2	1,626.99	1/2	1,268.15	1/2	912.81	1/2	559.68	1/2	204.00	1/2		1/2		1/2	
3/4	2,345.38	3/4	1,982.40	3/4	1,619.43	3/4	1,260.68	3/4	905.48	3/4	552.11	3/4	196.44	3/4		3/4		3/4	
6	2,337.81	6	1,974.84	6	1,611.86	6	1,253.22	6	898.16	6	544.54	6	188.87	6		6		6	
1/4	2,330.25	1/4	1,967.28	1/4	1,604.30	1/4	1,245.75	1/4	890.83	1/4	536.97	1/4	181.30	1/4		1/4		1/4	
1/2	2,322.69	1/2	1,959.72	1/2	1,596.74	1/2	1,238.29	1/2	883.50	1/2	529.41	1/2	173.74	1/2		1/2		1/2	
3/4	2,315.13	3/4	1,952.16	3/4	1,589.19	3/4	1,230.74	3/4	876.17	3/4	521.84	3/4	166.18	3/4		3/4		3/4	
7	2,307.57	7	1,944.59	7	1,581.64	7	1,223.19	7	868.85	7	514.27	7	158.62	7		7		7	
1/4	2,300.00	1/4	1,937.03	1/4	1,574.09	1/4	1,215.65	1/4	861.52	1/4	506.71	1/4	151.06	1/4		1/4		1/4	
1/2	2,292.44	1/2	1,929.47	1/2	1,566.54	1/2	1,208.10	1/2	854.19	1/2	499.14	1/2	143.50	1/2		1/2		1/2	
3/4	2,284.88	3/4	1,921.91	3/4	1,559.00	3/4	1,200.55	3/4	846.86	3/4	491.80	3/4	136.28	3/4		3/4		3/4	
8	2,277.32	8	1,914.35	8	1,551.46	8	1,193.00	8	839.53	8	484.45	8	129.05	8		8		8	
1/4	2,269.76	1/4	1,906.78	1/4	1,543.92	1/4	1,185.46	1/4	832.20	1/4	477.11	1/4	121.82	1/4		1/4		1/4	
1/2	2,262.19	1/2	1,899.22	1/2	1,536.38	1/2	1,177.91	1/2	824.87	1/2	469.77	1/2	114.59	1/2		1/2		1/2	
3/4	2,254.63	3/4	1,891.66	3/4	1,528.84	3/4	1,170.36	3/4	817.53	3/4	462.87	3/4	108.32	3/4		3/4		3/4	
9	2,247.07	9	1,884.10	9	1,521.31	9	1,162.82	9	810.19	9	455.98	9	102.05	9		9		9	
1/4	2,239.51	1/4	1,876.54	1/4	1,513.77	1/4	1,155.27	1/4	802.84	1/4	449.08	1/4	95.78	1/4		1/4		1/4	
1/2	2,231.95	1/2	1,868.97	1/2	1,506.23	1/2	1,147.72	1/2	795.50	1/2	442.19	1/2	89.51	1/2		1/2		1/2	
3/4	2,224.39	3/4	1,861.41	3/4	1,498.69	3/4	1,140.28	3/4	788.14	3/4	435.29	3/4	84.73	3/4		3/4		3/4	
10	2,216.82	10	1,853.85	10	1,491.15	10	1,132.84	10	780.79	10	428.40	10	79.95	10		10		10	
1/4	2,209.26	1/4	1,846.29	1/4	1,483.61	1/4	1,125.40	1/4	773.43	1/4	421.50	1/4	75.17	1/4		1/4		1/4	
1/2	2,201.70	1/2	1,838.73	1/2	1,476.07	1/2	1,117.96	1/2	766.07	1/2	414.61	1/2	70.39	1/2		1/2		1/2	
3/4	2,194.14	3/4	1,831.16	3/4	1,468.54	3/4	1,110.62	3/4	758.72	3/4	407.27	3/4	67.31	3/4		3/4		3/4	
11	2,186.58	11	1,823.60	11	1,461.00	11	1,103.29	11	751.36	11	399.93	11	64.24	11		11		11	
1/4	2,179.01	1/4	1,816.04	1/4	1,453.46	1/4	1,095.96	1/4	744.00	1/4	392.60	1/4	61.17	1/4		1/4		1/4	
1/2	2,171.45	1/2	1,808.48	1/2	1,445.92	1/2	1,088.63	1/2	736.65	1/2	385.26	1/2	58.10	1/2		1/2		1/2	
3/4	2,163.89	3/4	1,800.92	3/4	1,438.46	3/4	1,081.30	3/4	729.29	3/4	377.72	3/4	56.30	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/25/2009 CL - SW  
CALCULATED: 02/26/2009 CL  
PRINTED: 02/26/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2009

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



# BARGE "KIRBY 27762"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
									4,057.51		3,888.94		3,706.39		3,512.81		3,250.59		2,886.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,053.97	1/4	3,885.31	1/4	3,702.44	1/4	3,508.74	1/4	3,243.00	1/4	2,878.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,050.42	1/2	3,881.69	1/2	3,698.50	1/2	3,504.67	1/2	3,235.41	1/2	2,871.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,046.88	3/4	3,878.07	3/4	3,694.56	3/4	3,500.60	3/4	3,227.83	3/4	2,863.56
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	4,043.47	<b>1</b>	3,874.42	<b>1</b>	3,690.59	<b>1</b>	3,496.53	<b>1</b>	3,220.24	<b>1</b>	2,855.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,040.06	1/4	3,870.78	1/4	3,686.63	1/4	3,492.46	1/4	3,212.65	1/4	2,848.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,036.65	1/2	3,867.14	1/2	3,682.67	1/2	3,488.39	1/2	3,205.06	1/2	2,840.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,033.24	3/4	3,863.49	3/4	3,678.71	3/4	3,484.32	3/4	3,197.47	3/4	2,833.21
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	4,029.81	<b>2</b>	3,859.81	<b>2</b>	3,674.72	<b>2</b>	3,480.25	<b>2</b>	3,189.88	<b>2</b>	2,825.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,026.39	1/4	3,856.12	1/4	3,670.74	1/4	3,476.18	1/4	3,182.29	1/4	2,818.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,022.96	1/2	3,852.44	1/2	3,666.76	1/2	3,472.11	1/2	3,174.70	1/2	2,810.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,019.53	3/4	3,848.75	3/4	3,662.78	3/4	3,468.04	3/4	3,167.11	3/4	2,802.85
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	4,016.08	<b>3</b>	3,845.00	<b>3</b>	3,658.77	<b>3</b>	3,463.96	<b>3</b>	3,159.53	<b>3</b>	2,795.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,012.63	1/4	3,841.26	1/4	3,654.77	1/4	3,459.89	1/4	3,151.94	1/4	2,787.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,009.18	1/2	3,837.51	1/2	3,650.77	1/2	3,455.82	1/2	3,144.35	1/2	2,780.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,005.73	3/4	3,833.76	3/4	3,646.77	3/4	3,451.75	3/4	3,136.76	3/4	2,772.50
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	4,002.26	<b>4</b>	3,829.98	<b>4</b>	3,642.74	<b>4</b>	3,447.68	<b>4</b>	3,129.17	<b>4</b>	2,764.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,998.79	1/4	3,826.19	1/4	3,638.72	1/4	3,443.61	1/4	3,121.58	1/4	2,757.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,995.32	1/2	3,822.40	1/2	3,634.70	1/2	3,439.54	1/2	3,113.99	1/2	2,749.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,991.85	3/4	3,818.61	3/4	3,630.67	3/4	3,435.47	3/4	3,106.40	3/4	2,742.14
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	3,988.36	<b>5</b>	3,814.80	<b>5</b>	3,626.63	<b>5</b>	3,431.40	<b>5</b>	3,098.82	<b>5</b>	2,734.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,984.88	1/4	3,811.00	1/4	3,622.59	1/4	3,427.33	1/4	3,091.23	1/4	2,726.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,981.39	1/2	3,807.19	1/2	3,618.55	1/2	3,423.26	1/2	3,083.64	1/2	2,719.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,977.90	3/4	3,803.38	3/4	3,614.50	3/4	3,419.19	3/4	3,076.05	3/4	2,711.79
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	3,974.39	<b>6</b>	3,799.55	<b>6</b>	3,610.45	<b>6</b>	3,415.12	<b>6</b>	3,068.46	<b>6</b>	2,704.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,970.88	1/4	3,795.72	1/4	3,606.39	1/4	3,411.05	1/4	3,060.87	1/4	2,696.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,967.37	1/2	3,791.89	1/2	3,602.33	1/2	3,406.98	1/2	3,053.28	1/2	2,689.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,963.86	3/4	3,788.07	3/4	3,598.27	3/4	3,402.91	3/4	3,045.69	3/4	2,681.43
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	3,960.33	<b>7</b>	3,784.22	<b>7</b>	3,594.20	<b>7</b>	3,397.09	<b>7</b>	3,038.11	<b>7</b>	2,673.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,956.81	1/4	3,780.37	1/4	3,590.13	1/4	3,391.26	1/4	3,030.52	1/4	2,666.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,953.28	1/2	3,776.52	1/2	3,586.07	1/2	3,385.43	1/2	3,022.93	1/2	2,658.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,121.06	3/4	3,949.75	3/4	3,772.68	3/4	3,582.00	3/4	3,379.60	3/4	3,015.34
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	3,947.20	<b>8</b>	3,768.81	<b>8</b>	3,577.93	<b>8</b>	3,372.01	<b>8</b>	3,007.75	<b>8</b>	2,643.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,117.79	1/4	3,942.66	1/4	3,764.94	1/4	3,573.86	1/4	3,364.42	1/4	3,000.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,114.51	1/2	3,939.11	1/2	3,761.07	1/2	3,569.79	1/2	3,356.83	1/2	2,992.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,111.24	3/4	3,935.57	3/4	3,757.20	3/4	3,565.72	3/4	3,349.25	3/4	2,984.98
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	4,107.97	<b>9</b>	3,932.00	<b>9</b>	3,753.32	<b>9</b>	3,561.65	<b>9</b>	3,341.66	<b>9</b>	2,977.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,104.06	1/4	3,928.44	1/4	3,749.43	1/4	3,557.58	1/4	3,334.07	1/4	2,969.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,100.15	1/2	3,924.88	1/2	3,745.54	1/2	3,553.51	1/2	3,326.48	1/2	2,962.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,096.25	3/4	3,921.31	3/4	3,741.65	3/4	3,549.44	3/4	3,318.89	3/4	2,954.63
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	4,092.34	<b>10</b>	3,917.73	<b>10</b>	3,737.75	<b>10</b>	3,545.37	<b>10</b>	3,311.30	<b>10</b>	2,947.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,088.36	1/4	3,913.73	1/4	3,733.84	1/4	3,541.30	1/4	3,303.71	1/4	2,939.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,084.37	1/2	3,910.56	1/2	3,729.93	1/2	3,537.23	1/2	3,296.12	1/2	2,931.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,080.39	3/4	3,906.98	3/4	3,726.03	3/4	3,533.16	3/4	3,288.54	3/4	2,924.27
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	4,076.40	<b>11</b>	3,903.37	<b>11</b>	3,722.10	<b>11</b>	3,529.09	<b>11</b>	3,280.95	<b>11</b>	2,916.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,072.56	1/4	3,903.37	1/4	3,722.10	1/4	3,529.09	1/4	3,280.95	1/4	2,916.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,068.73	1/2	3,899.77	1/2	3,718.18	1/2	3,525.02	1/2	3,273.36	1/2	2,909.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,064.89	3/4	3,896.17	3/4	3,714.25	3/4	3,520.95	3/4	3,265.77	3/4	2,901.51
									4,061.05		3,892.56		3,710.33		3,516.88		3,258.18		2,893.92

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-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 27762"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,522.07	0	2,157.80	0	1,793.54	0	1,429.75	0	1,069.05	0	705.70	0	348.72	0	50.09	0		0	
1/4	2,514.48	1/4	2,150.22	1/4	1,785.95	1/4	1,422.33	1/4	1,061.49	1/4	698.11	1/4	341.16	1/4	49.13	1/4		1/4	
1/2	2,506.89	1/2	2,142.63	1/2	1,778.36	1/2	1,414.90	1/2	1,053.93	1/2	690.52	1/2	333.60	1/2	48.16	1/2		1/2	
3/4	2,499.30	3/4	2,135.04	3/4	1,770.77	3/4	1,407.47	3/4	1,046.37	3/4	682.93	3/4	326.04	3/4	47.20	3/4		3/4	
1	2,491.71	1	2,127.45	1	1,763.18	1	1,400.04	1	1,038.81	1	675.34	1	318.48	1		1		1	
1/4	2,484.12	1/4	2,119.86	1/4	1,755.59	1/4	1,392.62	1/4	1,031.25	1/4	667.75	1/4	310.91	1/4		1/4		1/4	
1/2	2,476.53	1/2	2,112.27	1/2	1,748.00	1/2	1,385.19	1/2	1,023.69	1/2	660.17	1/2	303.34	1/2		1/2		1/2	
3/4	2,468.95	3/4	2,104.68	3/4	1,740.42	3/4	1,377.76	3/4	1,016.13	3/4	652.58	3/4	295.78	3/4		3/4		3/4	
2	2,461.36	2	2,097.09	2	1,732.83	2	1,370.34	2	1,008.57	2	644.99	2	288.20	2		2		2	
1/4	2,453.77	1/4	2,089.51	1/4	1,725.24	1/4	1,362.91	1/4	1,001.01	1/4	637.40	1/4	280.61	1/4		1/4		1/4	
1/2	2,446.18	1/2	2,081.92	1/2	1,717.65	1/2	1,355.48	1/2	993.45	1/2	629.81	1/2	273.03	1/2		1/2		1/2	
3/4	2,438.59	3/4	2,074.33	3/4	1,710.06	3/4	1,348.06	3/4	985.89	3/4	622.22	3/4	265.45	3/4		3/4		3/4	
3	2,431.00	3	2,066.74	3	1,702.47	3	1,340.63	3	978.33	3	614.63	3	257.86	3		3		3	
1/4	2,423.41	1/4	2,059.15	1/4	1,694.88	1/4	1,333.20	1/4	970.77	1/4	607.04	1/4	250.27	1/4		1/4		1/4	
1/2	2,415.82	1/2	2,051.56	1/2	1,687.29	1/2	1,325.78	1/2	963.21	1/2	599.45	1/2	242.69	1/2		1/2		1/2	
3/4	2,408.23	3/4	2,043.97	3/4	1,679.70	3/4	1,318.35	3/4	955.65	3/4	591.86	3/4	235.10	3/4		3/4		3/4	
4	2,400.65	4	2,036.38	4	1,672.11	4	1,310.92	4	948.08	4	584.27	4	227.51	4		4		4	
1/4	2,393.06	1/4	2,028.79	1/4	1,664.53	1/4	1,303.49	1/4	940.52	1/4	576.68	1/4	219.92	1/4		1/4		1/4	
1/2	2,385.47	1/2	2,021.21	1/2	1,656.94	1/2	1,296.07	1/2	932.96	1/2	569.09	1/2	212.33	1/2		1/2		1/2	
3/4	2,377.88	3/4	2,013.62	3/4	1,649.35	3/4	1,288.64	3/4	925.40	3/4	561.50	3/4	204.74	3/4		3/4		3/4	
5	2,370.29	5	2,006.03	5	1,641.76	5	1,281.13	5	917.84	5	553.91	5	197.15	5		5		5	
1/4	2,362.70	1/4	1,998.44	1/4	1,634.17	1/4	1,273.62	1/4	910.28	1/4	546.32	1/4	189.57	1/4		1/4		1/4	
1/2	2,355.11	1/2	1,990.85	1/2	1,626.58	1/2	1,266.11	1/2	902.72	1/2	538.73	1/2	181.98	1/2		1/2		1/2	
3/4	2,347.52	3/4	1,983.26	3/4	1,618.99	3/4	1,258.60	3/4	895.16	3/4	531.14	3/4	174.39	3/4		3/4		3/4	
6	2,339.94	6	1,975.67	6	1,611.40	6	1,251.01	6	887.60	6	523.55	6	166.81	6		6		6	
1/4	2,332.35	1/4	1,968.08	1/4	1,603.81	1/4	1,243.42	1/4	880.04	1/4	515.97	1/4	159.23	1/4		1/4		1/4	
1/2	2,324.76	1/2	1,960.50	1/2	1,596.22	1/2	1,235.83	1/2	872.48	1/2	508.38	1/2	151.65	1/2		1/2		1/2	
3/4	2,317.17	3/4	1,952.91	3/4	1,588.64	3/4	1,228.24	3/4	864.92	3/4	500.79	3/4	144.06	3/4		3/4		3/4	
7	2,309.58	7	1,945.32	7	1,581.05	7	1,220.66	7	857.36	7	493.42	7	136.81	7		7		7	
1/4	2,301.99	1/4	1,937.73	1/4	1,573.46	1/4	1,213.07	1/4	849.80	1/4	486.05	1/4	129.56	1/4		1/4		1/4	
1/2	2,294.40	1/2	1,930.14	1/2	1,565.87	1/2	1,205.48	1/2	842.23	1/2	478.69	1/2	122.31	1/2		1/2		1/2	
3/4	2,286.81	3/4	1,922.55	3/4	1,558.28	3/4	1,197.89	3/4	834.67	3/4	471.32	3/4	115.06	3/4		3/4		3/4	
8	2,279.23	8	1,914.96	8	1,550.69	8	1,190.30	8	827.09	8	464.41	8	108.77	8		8		8	
1/4	2,271.64	1/4	1,907.37	1/4	1,543.10	1/4	1,182.71	1/4	819.52	1/4	457.49	1/4	102.48	1/4		1/4		1/4	
1/2	2,264.05	1/2	1,899.78	1/2	1,535.51	1/2	1,175.12	1/2	811.94	1/2	450.57	1/2	96.19	1/2		1/2		1/2	
3/4	2,256.46	3/4	1,892.20	3/4	1,527.92	3/4	1,167.53	3/4	804.36	3/4	443.65	3/4	89.90	3/4		3/4		3/4	
9	2,248.87	9	1,884.61	9	1,520.33	9	1,159.94	9	796.77	9	436.74	9	85.09	9		9		9	
1/4	2,241.28	1/4	1,877.02	1/4	1,512.75	1/4	1,152.35	1/4	789.18	1/4	429.82	1/4	80.29	1/4		1/4		1/4	
1/2	2,233.69	1/2	1,869.43	1/2	1,505.16	1/2	1,144.76	1/2	781.59	1/2	422.90	1/2	75.49	1/2		1/2		1/2	
3/4	2,226.10	3/4	1,861.84	3/4	1,497.57	3/4	1,137.17	3/4	774.01	3/4	415.98	3/4	70.68	3/4		3/4		3/4	
10	2,218.51	10	1,854.25	10	1,489.98	10	1,129.59	10	766.42	10	408.63	10	67.59	10		10		10	
1/4	2,210.93	1/4	1,846.66	1/4	1,482.39	1/4	1,122.02	1/4	758.83	1/4	401.27	1/4	64.50	1/4		1/4		1/4	
1/2	2,203.34	1/2	1,839.07	1/2	1,474.80	1/2	1,114.44	1/2	751.24	1/2	393.91	1/2	61.41	1/2		1/2		1/2	
3/4	2,195.75	3/4	1,831.48	3/4	1,467.21	3/4	1,106.86	3/4	743.65	3/4	386.55	3/4	58.32	3/4		3/4		3/4	
11	2,188.16	11	1,823.89	11	1,459.70	11	1,099.30	11	736.06	11	378.98	11	56.50	11		11		11	
1/4	2,180.57	1/4	1,816.31	1/4	1,452.20	1/4	1,091.74	1/4	728.47	1/4	371.42	1/4	54.69	1/4		1/4		1/4	
1/2	2,172.98	1/2	1,808.72	1/2	1,444.69	1/2	1,084.17	1/2	720.88	1/2	363.85	1/2	52.87	1/2		1/2		1/2	
3/4	2,165.39	3/4	1,801.13	3/4	1,437.18	3/4	1,076.61	3/4	713.29	3/4	356.28	3/4	51.06	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/25/2009 CL - SW  
CALCULATED: 02/26/2009 CL  
PRINTED: 02/26/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2009

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