



# BARGE "KIRBY 27764"

## 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	- 02-1/2	02-1/2
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	- 02-1/2	02-1/2
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	- 02-1/2	02-1/2
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	- 02-1/2	02-1/2
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	- 02-1/2	02-1/2
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 27764"

# 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	3.59	0	297.92	0	649.48	0	1,014.40	0	1,379.16	0	1,745.15	0	2,111.42	0	2,477.67	0	2,843.93	0	3,210.18
1/4	7.15	1/4	305.04	1/4	657.12	1/4	1,021.97	1/4	1,386.76	1/4	1,752.78	1/4	2,119.05	1/4	2,485.30	1/4	2,851.56	1/4	3,217.81
1/2	10.70	1/2	312.15	1/2	664.75	1/2	1,029.54	1/2	1,394.37	1/2	1,760.41	1/2	2,126.68	1/2	2,492.93	1/2	2,859.19	1/2	3,225.44
3/4	14.26	3/4	319.26	3/4	672.38	3/4	1,037.12	3/4	1,401.97	3/4	1,768.04	3/4	2,134.31	3/4	2,500.56	3/4	2,866.82	3/4	3,233.07
1	17.82	1	326.38	1	680.01	1	1,044.69	1	1,409.57	1	1,775.68	1	2,141.94	1	2,508.19	1	2,874.45	1	3,240.70
1/4	23.32	1/4	333.56	1/4	687.64	1/4	1,052.26	1/4	1,417.17	1/4	1,783.31	1/4	2,149.57	1/4	2,515.82	1/4	2,882.08	1/4	3,248.33
1/2	28.83	1/2	340.75	1/2	695.27	1/2	1,059.83	1/2	1,424.78	1/2	1,790.94	1/2	2,157.20	1/2	2,523.45	1/2	2,889.71	1/2	3,255.96
3/4	34.33	3/4	347.93	3/4	702.90	3/4	1,067.41	3/4	1,432.38	3/4	1,798.57	3/4	2,164.83	3/4	2,531.08	3/4	2,897.34	3/4	3,263.59
2	39.83	2	355.12	2	710.53	2	1,074.98	2	1,439.98	2	1,806.20	2	2,172.46	2	2,538.72	2	2,904.97	2	3,271.22
1/4	45.81	1/4	362.38	1/4	718.16	1/4	1,082.55	1/4	1,447.60	1/4	1,813.83	1/4	2,180.09	1/4	2,546.35	1/4	2,912.60	1/4	3,278.85
1/2	51.78	1/2	369.64	1/2	725.79	1/2	1,090.13	1/2	1,455.22	1/2	1,821.46	1/2	2,187.72	1/2	2,553.98	1/2	2,920.23	1/2	3,286.48
3/4	57.75	3/4	376.90	3/4	733.43	3/4	1,097.70	3/4	1,462.83	3/4	1,829.09	3/4	2,195.35	3/4	2,561.61	3/4	2,927.86	3/4	3,294.11
3	63.73	3	384.17	3	741.06	3	1,105.27	3	1,470.45	3	1,836.72	3	2,202.98	3	2,569.24	3	2,935.49	3	3,301.75
1/4	69.37	1/4	391.52	1/4	748.69	1/4	1,112.85	1/4	1,478.08	1/4	1,844.35	1/4	2,210.61	1/4	2,576.87	1/4	2,943.12	1/4	3,309.38
1/2	75.02	1/2	398.87	1/2	756.32	1/2	1,120.42	1/2	1,485.71	1/2	1,851.98	1/2	2,218.24	1/2	2,584.50	1/2	2,950.75	1/2	3,317.01
3/4	80.66	3/4	406.23	3/4	763.95	3/4	1,128.00	3/4	1,493.34	3/4	1,859.61	3/4	2,225.87	3/4	2,592.13	3/4	2,958.38	3/4	3,324.64
4	86.31	4	413.58	4	771.58	4	1,135.57	4	1,500.97	4	1,867.24	4	2,233.50	4	2,599.76	4	2,966.01	4	3,332.27
1/4	92.05	1/4	420.81	1/4	779.21	1/4	1,143.16	1/4	1,508.60	1/4	1,874.87	1/4	2,241.13	1/4	2,607.39	1/4	2,973.64	1/4	3,339.90
1/2	97.79	1/2	428.04	1/2	786.84	1/2	1,150.75	1/2	1,516.24	1/2	1,882.50	1/2	2,248.76	1/2	2,615.02	1/2	2,981.27	1/2	3,347.53
3/4	103.53	3/4	435.27	3/4	794.47	3/4	1,158.34	3/4	1,523.87	3/4	1,890.13	3/4	2,256.39	3/4	2,622.65	3/4	2,988.90	3/4	3,355.16
5	109.28	5	442.50	5	802.10	5	1,165.93	5	1,531.50	5	1,897.77	5	2,264.02	5	2,630.28	5	2,996.53	5	3,362.79
1/4	115.55	1/4	449.38	1/4	809.72	1/4	1,173.55	1/4	1,539.13	1/4	1,905.40	1/4	2,271.65	1/4	2,637.91	1/4	3,004.16	1/4	3,370.42
1/2	121.82	1/2	456.25	1/2	817.34	1/2	1,181.16	1/2	1,546.76	1/2	1,913.03	1/2	2,279.28	1/2	2,645.54	1/2	3,011.79	1/2	3,378.05
3/4	128.10	3/4	463.13	3/4	824.95	3/4	1,188.78	3/4	1,554.39	3/4	1,920.66	3/4	2,286.92	3/4	2,653.17	3/4	3,019.42	3/4	3,385.68
6	134.37	6	470.00	6	832.57	6	1,196.40	6	1,562.02	6	1,928.29	6	2,294.55	6	2,660.80	6	3,027.05	6	3,393.31
1/4	140.95	1/4	476.94	1/4	840.16	1/4	1,204.03	1/4	1,569.65	1/4	1,935.92	1/4	2,302.18	1/4	2,668.43	1/4	3,034.68	1/4	3,400.94
1/2	147.53	1/2	483.88	1/2	847.75	1/2	1,211.66	1/2	1,577.28	1/2	1,943.55	1/2	2,309.81	1/2	2,676.06	1/2	3,042.31	1/2	3,408.57
3/4	154.11	3/4	490.82	3/4	855.34	3/4	1,219.29	3/4	1,584.91	3/4	1,951.18	3/4	2,317.44	3/4	2,683.69	3/4	3,049.95	3/4	3,416.20
7	160.69	7	497.76	7	862.93	7	1,226.92	7	1,592.54	7	1,958.81	7	2,325.07	7	2,691.32	7	3,057.58	7	3,423.83
1/4	167.37	1/4	505.16	1/4	870.50	1/4	1,234.55	1/4	1,600.17	1/4	1,966.44	1/4	2,332.70	1/4	2,698.95	1/4	3,065.21	1/4	3,431.46
1/2	174.04	1/2	512.57	1/2	878.08	1/2	1,242.18	1/2	1,607.80	1/2	1,974.07	1/2	2,340.33	1/2	2,706.58	1/2	3,072.84	1/2	3,439.09
3/4	180.72	3/4	519.98	3/4	885.65	3/4	1,249.82	3/4	1,615.43	3/4	1,981.70	3/4	2,347.96	3/4	2,714.21	3/4	3,080.47	3/4	3,446.72
8	187.40	8	527.39	8	893.23	8	1,257.45	8	1,623.06	8	1,989.33	8	2,355.59	8	2,721.84	8	3,088.10	8	3,454.35
1/4	194.17	1/4	535.02	1/4	900.80	1/4	1,265.06	1/4	1,630.69	1/4	1,996.96	1/4	2,363.22	1/4	2,729.47	1/4	3,095.73	1/4	3,461.98
1/2	200.95	1/2	542.65	1/2	908.37	1/2	1,272.68	1/2	1,638.32	1/2	2,004.59	1/2	2,370.85	1/2	2,737.10	1/2	3,103.36	1/2	3,469.61
3/4	207.72	3/4	550.28	3/4	915.95	3/4	1,280.30	3/4	1,645.96	3/4	2,012.22	3/4	2,378.48	3/4	2,744.73	3/4	3,110.99	3/4	3,477.24
9	214.50	9	557.91	9	923.52	9	1,287.92	9	1,653.59	9	2,019.85	9	2,386.11	9	2,752.36	9	3,118.62	9	3,484.87
1/4	221.36	1/4	565.54	1/4	931.09	1/4	1,295.52	1/4	1,661.22	1/4	2,027.49	1/4	2,393.74	1/4	2,759.99	1/4	3,126.25	1/4	3,492.50
1/2	228.23	1/2	573.17	1/2	938.67	1/2	1,303.12	1/2	1,668.85	1/2	2,035.12	1/2	2,401.37	1/2	2,767.62	1/2	3,133.88	1/2	3,500.13
3/4	235.10	3/4	580.80	3/4	946.24	3/4	1,310.73	3/4	1,676.48	3/4	2,042.75	3/4	2,409.00	3/4	2,775.25	3/4	3,141.51	3/4	3,507.76
10	241.97	10	588.44	10	953.81	10	1,318.33	10	1,684.11	10	2,050.38	10	2,416.63	10	2,782.88	10	3,149.14	10	3,515.39
1/4	248.92	1/4	596.07	1/4	961.38	1/4	1,325.93	1/4	1,691.74	1/4	2,058.01	1/4	2,424.26	1/4	2,790.51	1/4	3,156.77	1/4	3,523.02
1/2	255.87	1/2	603.70	1/2	968.96	1/2	1,333.54	1/2	1,699.37	1/2	2,065.64	1/2	2,431.89	1/2	2,798.15	1/2	3,164.40	1/2	3,530.65
3/4	262.82	3/4	611.33	3/4	976.53	3/4	1,341.14	3/4	1,707.00	3/4	2,073.27	3/4	2,439.52	3/4	2,805.78	3/4	3,172.03	3/4	3,538.28
11	269.77	11	618.96	11	984.10	11	1,348.75	11	1,714.63	11	2,080.90	11	2,447.15	11	2,813.41	11	3,179.66	11	3,545.91
1/4	276.81	1/4	626.59	1/4	991.68	1/4	1,356.35	1/4	1,722.26	1/4	2,088.53	1/4	2,454.78	1/4	2,821.04	1/4	3,187.29	1/4	3,553.54
1/2	283.85	1/2	634.22	1/2	999.25	1/2	1,363.95	1/2	1,729.89	1/2	2,096.16	1/2	2,462.41	1/2	2,828.67	1/2	3,194.92	1/2	3,561.18
3/4	290.88	3/4	641.85	3/4	1,006.82	3/4	1,371.56	3/4	1,737.52	3/4	2,103.79	3/4	2,470.04	3/4	2,836.30	3/4	3,202.55	3/4	3,568.81

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 27764"

## 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	3,576.44	0	3,941.56	0	4,290.31	0	4,614.00	0		0		0		0		0		0	
1/4	3,584.07	1/4	3,949.02	1/4	4,297.28	1/4	4,620.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,591.70	1/2	3,956.49	1/2	4,304.24	1/2	4,627.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,599.33	3/4	3,963.96	3/4	4,311.21	3/4	4,633.51	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,606.96	1	3,971.42	1	4,318.17	1	4,640.01	1		1		1		1		1		1	
1/4	3,614.59	1/4	3,978.85	1/4	4,325.08	1/4	4,646.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,622.22	1/2	3,986.28	1/2	4,331.98	1/2	4,652.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,629.85	3/4	3,993.71	3/4	4,338.89	3/4	4,659.41	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,637.48	2	4,001.14	2	4,345.80	2	4,665.88	2		2		2		2		2		2	
1/4	3,645.11	1/4	4,008.53	1/4	4,352.66	1/4	4,672.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,652.74	1/2	4,015.93	1/2	4,359.53	1/2	4,679.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,660.37	3/4	4,023.32	3/4	4,366.40	3/4	4,686.04	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,668.00	3	4,030.71	3	4,373.27	3	4,692.75	3		3		3		3		3		3	
1/4	3,675.63	1/4	4,038.07	1/4	4,380.10	1/4	4,700.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,683.26	1/2	4,045.43	1/2	4,386.93	1/2	4,707.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.89	3/4	4,052.78	3/4	4,393.76	3/4	4,714.55	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,698.52	4	4,060.14	4	4,400.59	4	4,721.82	4		4		4		4		4		4	
1/4	3,706.15	1/4	4,067.46	1/4	4,407.39	1/4	4,729.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,713.78	1/2	4,074.79	1/2	4,414.18	1/2	4,736.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,721.41	3/4	4,082.11	3/4	4,420.98	3/4	4,744.46	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,729.04	5	4,089.44	5	4,427.77	5	4,752.00	5		5		5		5		5		5	
1/4	3,736.67	1/4	4,096.73	1/4	4,434.53	1/4	4,759.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,744.30	1/2	4,104.02	1/2	4,441.28	1/2	4,766.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,751.93	3/4	4,111.30	3/4	4,448.04	3/4	4,774.41	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,759.56	6	4,118.59	6	4,454.80	6	4,781.87	6		6		6		6		6		6	
1/4	3,767.19	1/4	4,125.85	1/4	4,461.52	1/4	4,788.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,774.82	1/2	4,133.10	1/2	4,468.24	1/2	4,795.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,782.45	3/4	4,140.35	3/4	4,474.96	3/4	4,802.37	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,790.08	7	4,147.60	7	4,481.68	7	4,809.20	7		7		7		7		7		7	
1/4	3,797.72	1/4	4,154.82	1/4	4,488.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,805.35	1/2	4,162.03	1/2	4,495.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.98	3/4	4,169.25	3/4	4,501.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,820.62	8	4,176.46	8	4,508.44	8		8		8		8		8		8		8	
1/4	3,828.23	1/4	4,183.64	1/4	4,515.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,835.84	1/2	4,190.81	1/2	4,521.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.45	3/4	4,197.99	3/4	4,528.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,851.06	9	4,205.17	9	4,535.05	9		9		9		9		9		9		9	
1/4	3,858.64	1/4	4,212.31	1/4	4,541.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.22	1/2	4,219.45	1/2	4,548.28	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.79	3/4	4,226.59	3/4	4,554.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,881.37	10	4,233.73	10	4,561.52	10		10		10		10		10		10		10	
1/4	3,888.91	1/4	4,240.83	1/4	4,568.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,896.46	1/2	4,247.93	1/2	4,574.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,904.00	3/4	4,255.04	3/4	4,581.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,911.54	11	4,262.14	11	4,587.83	11		11		11		11		11		11		11	
1/4	3,919.04	1/4	4,269.18	1/4	4,594.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,926.55	1/2	4,276.23	1/2	4,600.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,934.05	3/4	4,283.27	3/4	4,607.46	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 27764"

## 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	3.59	0	297.92	0	649.48	0	1,015.15	0	1,380.55	0	1,746.55	0	2,112.81	0	2,479.07	0	2,845.32	0	3,211.58
1/4	7.15	1/4	305.04	1/4	657.12	1/4	1,022.75	1/4	1,388.16	1/4	1,754.18	1/4	2,120.44	1/4	2,486.70	1/4	2,852.95	1/4	3,219.21
1/2	10.70	1/2	312.15	1/2	664.75	1/2	1,030.36	1/2	1,395.76	1/2	1,761.81	1/2	2,128.07	1/2	2,494.33	1/2	2,860.58	1/2	3,226.84
3/4	14.26	3/4	319.26	3/4	672.38	3/4	1,037.96	3/4	1,403.36	3/4	1,769.44	3/4	2,135.70	3/4	2,501.96	3/4	2,868.21	3/4	3,234.47
1	17.82	1	326.38	1	680.01	1	1,045.56	1	1,410.97	1	1,777.07	1	2,143.33	1	2,509.59	1	2,875.84	1	3,242.10
1/4	23.32	1/4	333.56	1/4	687.64	1/4	1,053.16	1/4	1,418.57	1/4	1,784.70	1/4	2,150.96	1/4	2,517.22	1/4	2,883.47	1/4	3,249.73
1/2	28.83	1/2	340.75	1/2	695.27	1/2	1,060.76	1/2	1,426.17	1/2	1,792.33	1/2	2,158.59	1/2	2,524.85	1/2	2,891.10	1/2	3,257.36
3/4	34.33	3/4	347.93	3/4	702.90	3/4	1,068.37	3/4	1,433.78	3/4	1,799.96	3/4	2,166.22	3/4	2,532.48	3/4	2,898.73	3/4	3,264.99
2	39.83	2	355.12	2	710.53	2	1,075.97	2	1,441.38	2	1,807.59	2	2,173.85	2	2,540.11	2	2,906.36	2	3,272.62
1/4	45.81	1/4	362.38	1/4	718.16	1/4	1,083.57	1/4	1,449.00	1/4	1,815.22	1/4	2,181.48	1/4	2,547.74	1/4	2,913.99	1/4	3,280.25
1/2	51.78	1/2	369.64	1/2	725.79	1/2	1,091.17	1/2	1,456.61	1/2	1,822.85	1/2	2,189.12	1/2	2,555.37	1/2	2,921.62	1/2	3,287.88
3/4	57.75	3/4	376.90	3/4	733.43	3/4	1,098.77	3/4	1,464.23	3/4	1,830.48	3/4	2,196.75	3/4	2,563.00	3/4	2,929.25	3/4	3,295.51
3	63.73	3	384.17	3	741.06	3	1,106.38	3	1,471.85	3	1,838.11	3	2,204.38	3	2,570.63	3	2,936.88	3	3,303.14
1/4	69.37	1/4	391.52	1/4	748.69	1/4	1,113.98	1/4	1,479.48	1/4	1,845.74	1/4	2,212.01	1/4	2,578.26	1/4	2,944.51	1/4	3,310.77
1/2	75.02	1/2	398.87	1/2	756.32	1/2	1,121.58	1/2	1,487.11	1/2	1,853.38	1/2	2,219.64	1/2	2,585.89	1/2	2,952.15	1/2	3,318.40
3/4	80.66	3/4	406.23	3/4	763.95	3/4	1,129.19	3/4	1,494.74	3/4	1,861.01	3/4	2,227.27	3/4	2,593.52	3/4	2,959.78	3/4	3,326.03
4	86.31	4	413.58	4	771.58	4	1,136.79	4	1,502.37	4	1,868.64	4	2,234.90	4	2,601.15	4	2,967.41	4	3,333.66
1/4	92.05	1/4	420.81	1/4	779.21	1/4	1,144.41	1/4	1,510.00	1/4	1,876.27	1/4	2,242.53	1/4	2,608.78	1/4	2,975.04	1/4	3,341.29
1/2	97.79	1/2	428.04	1/2	786.84	1/2	1,152.03	1/2	1,517.63	1/2	1,883.90	1/2	2,250.16	1/2	2,616.41	1/2	2,982.67	1/2	3,348.92
3/4	103.53	3/4	435.27	3/4	794.47	3/4	1,159.65	3/4	1,525.26	3/4	1,891.53	3/4	2,257.79	3/4	2,624.04	3/4	2,990.30	3/4	3,356.55
5	109.28	5	442.50	5	802.10	5	1,167.27	5	1,532.89	5	1,899.16	5	2,265.42	5	2,631.67	5	2,997.93	5	3,364.18
1/4	115.55	1/4	449.38	1/4	809.74	1/4	1,174.90	1/4	1,540.52	1/4	1,906.79	1/4	2,273.05	1/4	2,639.30	1/4	3,005.56	1/4	3,371.81
1/2	121.82	1/2	456.25	1/2	817.37	1/2	1,182.53	1/2	1,548.15	1/2	1,914.42	1/2	2,280.68	1/2	2,646.93	1/2	3,013.19	1/2	3,379.44
3/4	128.10	3/4	463.13	3/4	825.00	3/4	1,190.16	3/4	1,555.78	3/4	1,922.05	3/4	2,288.31	3/4	2,654.56	3/4	3,020.82	3/4	3,387.07
6	134.37	6	470.00	6	832.63	6	1,197.79	6	1,563.41	6	1,929.68	6	2,295.94	6	2,662.19	6	3,028.45	6	3,394.70
1/4	140.95	1/4	476.94	1/4	840.25	1/4	1,205.42	1/4	1,571.04	1/4	1,937.31	1/4	2,303.57	1/4	2,669.82	1/4	3,036.08	1/4	3,402.33
1/2	147.53	1/2	483.88	1/2	847.86	1/2	1,213.05	1/2	1,578.67	1/2	1,944.94	1/2	2,311.20	1/2	2,677.45	1/2	3,043.71	1/2	3,409.96
3/4	154.11	3/4	490.82	3/4	855.48	3/4	1,220.68	3/4	1,586.30	3/4	1,952.57	3/4	2,318.83	3/4	2,685.08	3/4	3,051.34	3/4	3,417.59
7	160.69	7	497.76	7	863.10	7	1,228.32	7	1,593.94	7	1,960.20	7	2,326.46	7	2,692.72	7	3,058.97	7	3,425.22
1/4	167.37	1/4	505.16	1/4	870.71	1/4	1,235.95	1/4	1,601.57	1/4	1,967.83	1/4	2,334.09	1/4	2,700.35	1/4	3,066.60	1/4	3,432.85
1/2	174.04	1/2	512.57	1/2	878.31	1/2	1,243.58	1/2	1,609.20	1/2	1,975.47	1/2	2,341.72	1/2	2,707.98	1/2	3,074.23	1/2	3,440.48
3/4	180.72	3/4	519.98	3/4	885.91	3/4	1,251.21	3/4	1,616.83	3/4	1,983.10	3/4	2,349.35	3/4	2,715.61	3/4	3,081.86	3/4	3,448.11
8	187.40	8	527.39	8	893.52	8	1,258.84	8	1,624.46	8	1,990.73	8	2,356.98	8	2,723.24	8	3,089.49	8	3,455.75
1/4	194.17	1/4	535.02	1/4	901.12	1/4	1,266.46	1/4	1,632.09	1/4	1,998.36	1/4	2,364.61	1/4	2,730.87	1/4	3,097.12	1/4	3,463.38
1/2	200.95	1/2	542.65	1/2	908.72	1/2	1,274.08	1/2	1,639.72	1/2	2,005.99	1/2	2,372.24	1/2	2,738.50	1/2	3,104.75	1/2	3,471.01
3/4	207.72	3/4	550.28	3/4	916.32	3/4	1,281.69	3/4	1,647.35	3/4	2,013.62	3/4	2,379.87	3/4	2,746.13	3/4	3,112.38	3/4	3,478.64
9	214.50	9	557.91	9	923.93	9	1,289.31	9	1,654.98	9	2,021.25	9	2,387.50	9	2,753.76	9	3,120.01	9	3,486.27
1/4	221.36	1/4	565.54	1/4	931.53	1/4	1,296.91	1/4	1,662.61	1/4	2,028.88	1/4	2,395.13	1/4	2,761.39	1/4	3,127.64	1/4	3,493.90
1/2	228.23	1/2	573.17	1/2	939.13	1/2	1,304.52	1/2	1,670.24	1/2	2,036.51	1/2	2,402.76	1/2	2,769.02	1/2	3,135.27	1/2	3,501.53
3/4	235.10	3/4	580.80	3/4	946.73	3/4	1,312.12	3/4	1,677.87	3/4	2,044.14	3/4	2,410.39	3/4	2,776.65	3/4	3,142.90	3/4	3,509.16
10	241.97	10	588.44	10	954.33	10	1,319.73	10	1,685.50	10	2,051.77	10	2,418.02	10	2,784.28	10	3,150.53	10	3,516.79
1/4	248.92	1/4	596.07	1/4	961.94	1/4	1,327.33	1/4	1,693.13	1/4	2,059.40	1/4	2,425.65	1/4	2,791.91	1/4	3,158.16	1/4	3,524.42
1/2	255.87	1/2	603.70	1/2	969.54	1/2	1,334.93	1/2	1,700.76	1/2	2,067.03	1/2	2,433.28	1/2	2,799.54	1/2	3,165.79	1/2	3,532.05
3/4	262.82	3/4	611.33	3/4	977.14	3/4	1,342.54	3/4	1,708.39	3/4	2,074.66	3/4	2,440.92	3/4	2,807.17	3/4	3,173.42	3/4	3,539.68
11	269.77	11	618.96	11	984.74	11	1,350.14	11	1,716.02	11	2,082.29	11	2,448.55	11	2,814.80	11	3,181.05	11	3,547.31
1/4	276.81	1/4	626.59	1/4	992.34	1/4	1,357.74	1/4	1,723.66	1/4	2,089.92	1/4	2,456.18	1/4	2,822.43	1/4	3,188.68	1/4	3,554.94
1/2	283.85	1/2	634.22	1/2	999.95	1/2	1,365.35	1/2	1,731.29	1/2	2,097.55	1/2	2,463.81	1/2	2,830.06	1/2	3,196.31	1/2	3,562.57
3/4	290.88	3/4	641.85	3/4	1,007.55	3/4	1,372.95	3/4	1,738.92	3/4	2,105.18	3/4	2,471.44	3/4	2,837.69	3/4	3,203.95	3/4	3,570.20

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 27764"

## 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	3,577.83	0	3,942.95	0	4,291.71	0	4,615.39	0		0		0		0		0		0	
1/4	3,585.46	1/4	3,950.42	1/4	4,298.67	1/4	4,621.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,593.09	1/2	3,957.88	1/2	4,305.64	1/2	4,628.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,600.72	3/4	3,965.35	3/4	4,312.60	3/4	4,634.90	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,608.35	1	3,972.82	1	4,319.57	1	4,641.41	1		1		1		1		1		1	
1/4	3,615.98	1/4	3,980.25	1/4	4,326.47	1/4	4,647.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,623.61	1/2	3,987.68	1/2	4,333.38	1/2	4,654.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,631.24	3/4	3,995.11	3/4	4,340.28	3/4	4,660.81	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,638.87	2	4,002.54	2	4,347.19	2	4,667.28	2		2		2		2		2		2	
1/4	3,646.50	1/4	4,009.93	1/4	4,354.06	1/4	4,673.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,654.13	1/2	4,017.32	1/2	4,360.93	1/2	4,680.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,661.76	3/4	4,024.71	3/4	4,367.79	3/4	4,687.43	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,669.39	3	4,032.11	3	4,374.66	3	4,694.15	3		3		3		3		3		3	
1/4	3,677.02	1/4	4,039.46	1/4	4,381.49	1/4	4,701.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.65	1/2	4,046.82	1/2	4,388.33	1/2	4,708.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,692.28	3/4	4,054.18	3/4	4,395.16	3/4	4,715.95	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,699.91	4	4,061.53	4	4,401.99	4	4,723.21	4		4		4		4		4		4	
1/4	3,707.54	1/4	4,068.86	1/4	4,408.78	1/4	4,730.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.18	1/2	4,076.18	1/2	4,415.58	1/2	4,738.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.81	3/4	4,083.51	3/4	4,422.37	3/4	4,745.85	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,730.44	5	4,090.83	5	4,429.16	5	4,753.40	5		5		5		5		5		5	
1/4	3,738.07	1/4	4,098.12	1/4	4,435.92	1/4	4,760.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.70	1/2	4,105.41	1/2	4,442.68	1/2	4,768.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.33	3/4	4,112.70	3/4	4,449.43	3/4	4,775.80	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,760.96	6	4,119.99	6	4,456.19	6	4,783.27	6		6		6		6		6		6	
1/4	3,768.59	1/4	4,127.24	1/4	4,462.91	1/4	4,790.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.22	1/2	4,134.49	1/2	4,469.63	1/2	4,796.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,783.85	3/4	4,141.74	3/4	4,476.35	3/4	4,803.76	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,791.48	7	4,149.00	7	4,483.08	7	4,810.59	7		7		7		7		7		7	
1/4	3,799.11	1/4	4,156.21	1/4	4,489.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,806.74	1/2	4,163.42	1/2	4,496.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,814.38	3/4	4,170.64	3/4	4,503.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,822.01	8	4,177.85	8	4,509.83	8		8		8		8		8		8		8	
1/4	3,829.62	1/4	4,185.03	1/4	4,516.48	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.23	1/2	4,192.21	1/2	4,523.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,844.84	3/4	4,199.39	3/4	4,529.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,852.45	9	4,206.56	9	4,536.45	9		9		9		9		9		9		9	
1/4	3,860.03	1/4	4,213.70	1/4	4,543.06	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.61	1/2	4,220.84	1/2	4,549.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.19	3/4	4,227.98	3/4	4,556.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,882.77	10	4,235.12	10	4,562.91	10		10		10		10		10		10		10	
1/4	3,890.31	1/4	4,242.22	1/4	4,569.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.85	1/2	4,249.33	1/2	4,576.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.39	3/4	4,256.43	3/4	4,582.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,912.93	11	4,263.53	11	4,589.23	11		11		11		11		11		11		11	
1/4	3,920.44	1/4	4,270.58	1/4	4,595.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,927.94	1/2	4,277.62	1/2	4,602.31	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,935.45	3/4	4,284.66	3/4	4,608.85	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 27764"

## 2 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	13.25	0	355.97	0	712.18	0	1,066.25	0	1,421.22	0	1,782.66	0	2,146.36	0	2,510.06	0	2,873.76	0	3,237.45
1/4	18.29	1/4	363.54	1/4	719.76	1/4	1,073.49	1/4	1,428.64	1/4	1,790.24	1/4	2,153.94	1/4	2,517.64	1/4	2,881.33	1/4	3,245.03
1/2	23.34	1/2	371.11	1/2	727.34	1/2	1,080.74	1/2	1,436.05	1/2	1,797.82	1/2	2,161.52	1/2	2,525.22	1/2	2,888.91	1/2	3,252.61
3/4	28.39	3/4	378.68	3/4	734.91	3/4	1,087.99	3/4	1,443.47	3/4	1,805.40	3/4	2,169.10	3/4	2,532.79	3/4	2,896.49	3/4	3,260.18
1	33.44	1	386.25	1	742.49	1	1,095.24	1	1,450.88	1	1,812.97	1	2,176.67	1	2,540.37	1	2,904.07	1	3,267.76
1/4	40.34	1/4	393.81	1/4	750.07	1/4	1,102.48	1/4	1,458.30	1/4	1,820.55	1/4	2,184.25	1/4	2,547.95	1/4	2,911.64	1/4	3,275.34
1/2	47.23	1/2	401.36	1/2	757.65	1/2	1,109.73	1/2	1,465.72	1/2	1,828.13	1/2	2,191.83	1/2	2,555.52	1/2	2,919.22	1/2	3,282.92
3/4	54.13	3/4	408.92	3/4	765.22	3/4	1,116.98	3/4	1,473.13	3/4	1,835.71	3/4	2,199.40	3/4	2,563.10	3/4	2,926.80	3/4	3,290.49
2	61.02	2	416.47	2	772.80	2	1,124.23	2	1,480.55	2	1,843.28	2	2,206.98	2	2,570.68	2	2,934.37	2	3,298.07
1/4	68.30	1/4	424.02	1/4	780.38	1/4	1,131.47	1/4	1,487.96	1/4	1,850.86	1/4	2,214.56	1/4	2,578.25	1/4	2,941.95	1/4	3,305.65
1/2	75.58	1/2	431.57	1/2	787.96	1/2	1,138.72	1/2	1,495.38	1/2	1,858.44	1/2	2,222.14	1/2	2,585.83	1/2	2,949.53	1/2	3,313.22
3/4	82.85	3/4	439.12	3/4	795.53	3/4	1,145.97	3/4	1,502.79	3/4	1,866.01	3/4	2,229.71	3/4	2,593.41	3/4	2,957.10	3/4	3,320.80
3	90.13	3	446.66	3	803.11	3	1,153.22	3	1,510.21	3	1,873.59	3	2,237.29	3	2,600.99	3	2,964.68	3	3,328.38
1/4	97.00	1/4	454.22	1/4	810.69	1/4	1,160.47	1/4	1,517.70	1/4	1,881.17	1/4	2,244.87	1/4	2,608.56	1/4	2,972.26	1/4	3,335.95
1/2	103.86	1/2	461.77	1/2	818.27	1/2	1,167.71	1/2	1,525.20	1/2	1,888.75	1/2	2,252.44	1/2	2,616.14	1/2	2,979.84	1/2	3,343.53
3/4	110.72	3/4	469.33	3/4	825.84	3/4	1,174.96	3/4	1,532.69	3/4	1,896.32	3/4	2,260.02	3/4	2,623.72	3/4	2,987.41	3/4	3,351.11
4	117.59	4	476.89	4	833.42	4	1,182.21	4	1,540.19	4	1,903.90	4	2,267.60	4	2,631.29	4	2,994.99	4	3,358.69
1/4	124.46	1/4	484.23	1/4	840.85	1/4	1,189.48	1/4	1,547.77	1/4	1,911.48	1/4	2,275.17	1/4	2,638.87	1/4	3,002.57	1/4	3,366.26
1/2	131.34	1/2	491.58	1/2	848.28	1/2	1,196.74	1/2	1,555.35	1/2	1,919.06	1/2	2,282.75	1/2	2,646.45	1/2	3,010.14	1/2	3,373.84
3/4	138.21	3/4	498.92	3/4	855.70	3/4	1,204.00	3/4	1,562.92	3/4	1,926.63	3/4	2,290.33	3/4	2,654.02	3/4	3,017.72	3/4	3,381.42
5	145.09	5	506.27	5	863.13	5	1,211.27	5	1,570.50	5	1,934.21	5	2,297.91	5	2,661.60	5	3,025.30	5	3,388.99
1/4	152.41	1/4	513.18	1/4	870.41	1/4	1,218.70	1/4	1,578.08	1/4	1,941.79	1/4	2,305.48	1/4	2,669.18	1/4	3,032.87	1/4	3,396.57
1/2	159.73	1/2	520.08	1/2	877.68	1/2	1,226.12	1/2	1,585.65	1/2	1,949.37	1/2	2,313.06	1/2	2,676.76	1/2	3,040.45	1/2	3,404.15
3/4	167.05	3/4	526.99	3/4	884.96	3/4	1,233.55	3/4	1,593.23	3/4	1,956.94	3/4	2,320.64	3/4	2,684.33	3/4	3,048.03	3/4	3,411.72
6	174.38	6	533.90	6	892.23	6	1,240.98	6	1,600.81	6	1,964.52	6	2,328.21	6	2,691.91	6	3,055.61	6	3,419.30
1/4	181.92	1/4	540.80	1/4	899.50	1/4	1,248.55	1/4	1,608.39	1/4	1,972.10	1/4	2,335.79	1/4	2,699.49	1/4	3,063.18	1/4	3,426.88
1/2	189.47	1/2	547.71	1/2	906.76	1/2	1,256.13	1/2	1,615.96	1/2	1,979.67	1/2	2,343.37	1/2	2,707.06	1/2	3,070.76	1/2	3,434.46
3/4	197.01	3/4	554.61	3/4	914.03	3/4	1,263.71	3/4	1,623.54	3/4	1,987.25	3/4	2,350.94	3/4	2,714.64	3/4	3,078.34	3/4	3,442.03
7	204.56	7	561.52	7	921.29	7	1,271.29	7	1,631.12	7	1,994.83	7	2,358.52	7	2,722.22	7	3,085.91	7	3,449.61
1/4	212.11	1/4	568.87	1/4	928.54	1/4	1,278.87	1/4	1,638.70	1/4	2,002.40	1/4	2,366.10	1/4	2,729.79	1/4	3,093.49	1/4	3,457.19
1/2	219.67	1/2	576.23	1/2	935.79	1/2	1,286.44	1/2	1,646.27	1/2	2,009.98	1/2	2,373.68	1/2	2,737.37	1/2	3,101.07	1/2	3,464.76
3/4	227.22	3/4	583.58	3/4	943.04	3/4	1,294.02	3/4	1,653.85	3/4	2,017.56	3/4	2,381.25	3/4	2,744.95	3/4	3,108.64	3/4	3,472.34
8	234.77	8	590.94	8	950.29	8	1,301.60	8	1,661.43	8	2,025.13	8	2,388.83	8	2,752.53	8	3,116.22	8	3,479.92
1/4	242.34	1/4	598.51	1/4	957.53	1/4	1,309.18	1/4	1,669.01	1/4	2,032.71	1/4	2,396.41	1/4	2,760.10	1/4	3,123.80	1/4	3,487.49
1/2	249.91	1/2	606.09	1/2	964.78	1/2	1,316.76	1/2	1,676.58	1/2	2,040.29	1/2	2,403.98	1/2	2,767.68	1/2	3,131.38	1/2	3,495.07
3/4	257.48	3/4	613.67	3/4	972.03	3/4	1,324.33	3/4	1,684.16	3/4	2,047.86	3/4	2,411.56	3/4	2,775.26	3/4	3,138.95	3/4	3,502.65
9	265.05	9	621.25	9	979.28	9	1,331.91	9	1,691.74	9	2,055.44	9	2,419.14	9	2,782.83	9	3,146.53	9	3,510.23
1/4	272.63	1/4	628.83	1/4	986.52	1/4	1,339.41	1/4	1,699.31	1/4	2,063.02	1/4	2,426.71	1/4	2,790.41	1/4	3,154.11	1/4	3,517.80
1/2	280.21	1/2	636.40	1/2	993.77	1/2	1,346.90	1/2	1,706.89	1/2	2,070.59	1/2	2,434.29	1/2	2,797.99	1/2	3,161.68	1/2	3,525.38
3/4	287.78	3/4	643.98	3/4	1,001.02	3/4	1,354.40	3/4	1,714.47	3/4	2,078.17	3/4	2,441.87	3/4	2,805.56	3/4	3,169.26	3/4	3,532.96
10	295.36	10	651.56	10	1,008.27	10	1,361.90	10	1,722.05	10	2,085.75	10	2,449.45	10	2,813.14	10	3,176.84	10	3,540.53
1/4	302.94	1/4	659.14	1/4	1,015.51	1/4	1,369.31	1/4	1,729.62	1/4	2,093.33	1/4	2,457.02	1/4	2,820.72	1/4	3,184.41	1/4	3,548.11
1/2	310.51	1/2	666.72	1/2	1,022.76	1/2	1,376.73	1/2	1,737.20	1/2	2,100.90	1/2	2,464.60	1/2	2,828.30	1/2	3,191.99	1/2	3,555.69
3/4	318.09	3/4	674.29	3/4	1,030.01	3/4	1,384.15	3/4	1,744.78	3/4	2,108.48	3/4	2,472.18	3/4	2,835.87	3/4	3,199.57	3/4	3,563.26
11	325.67	11	681.87	11	1,037.26	11	1,391.56	11	1,752.36	11	2,116.06	11	2,479.75	11	2,843.45	11	3,207.15	11	3,570.84
1/4	333.24	1/4	689.45	1/4	1,044.50	1/4	1,398.98	1/4	1,759.93	1/4	2,123.63	1/4	2,487.33	1/4	2,851.03	1/4	3,214.72	1/4	3,578.42
1/2	340.82	1/2	697.03	1/2	1,051.75	1/2	1,406.39	1/2	1,767.51	1/2	2,131.21	1/2	2,494.91	1/2	2,858.60	1/2	3,222.30	1/2	3,586.00
3/4	348.40	3/4	704.60	3/4	1,059.00	3/4	1,413.81	3/4	1,775.09	3/4	2,138.79	3/4	2,502.48	3/4	2,866.18	3/4	3,229.88	3/4	3,593.57

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'-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 27764"

## 2 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	3,601.15	0	3,963.69	0	4,310.01	0	4,631.40	0		0		0		0		0		0	
1/4	3,608.73	1/4	3,971.11	1/4	4,316.93	1/4	4,637.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,616.30	1/2	3,978.52	1/2	4,323.84	1/2	4,644.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.88	3/4	3,985.94	3/4	4,330.76	3/4	4,650.78	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,631.46	1	3,993.35	1	4,337.67	1	4,657.23	1		1		1		1		1		1	
1/4	3,639.03	1/4	4,000.73	1/4	4,344.53	1/4	4,663.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,646.61	1/2	4,008.11	1/2	4,351.39	1/2	4,670.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,654.19	3/4	4,015.49	3/4	4,358.24	3/4	4,676.50	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,661.77	2	4,022.86	2	4,365.10	2	4,682.92	2		2		2		2		2		2	
1/4	3,669.34	1/4	4,030.20	1/4	4,371.92	1/4	4,689.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,676.92	1/2	4,037.54	1/2	4,378.74	1/2	4,696.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,684.50	3/4	4,044.88	3/4	4,385.56	3/4	4,702.93	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,692.07	3	4,052.22	3	4,392.38	3	4,709.60	3		3		3		3		3		3	
1/4	3,699.65	1/4	4,059.53	1/4	4,399.16	1/4	4,716.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,707.23	1/2	4,066.84	1/2	4,405.94	1/2	4,724.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,714.80	3/4	4,074.14	3/4	4,412.73	3/4	4,731.25	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,722.38	4	4,081.45	4	4,419.51	4	4,738.46	4		4		4		4		4		4	
1/4	3,729.96	1/4	4,088.72	1/4	4,426.26	1/4	4,745.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,737.54	1/2	4,095.99	1/2	4,433.00	1/2	4,753.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.11	3/4	4,103.27	3/4	4,439.75	3/4	4,760.94	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,752.69	5	4,110.54	5	4,446.49	5	4,768.43	5		5		5		5		5		5	
1/4	3,760.27	1/4	4,117.78	1/4	4,453.20	1/4	4,775.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,767.84	1/2	4,125.02	1/2	4,459.91	1/2	4,783.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,775.42	3/4	4,132.25	3/4	4,466.62	3/4	4,790.67	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,783.00	6	4,139.49	6	4,473.33	6	4,798.09	6		6		6		6		6		6	
1/4	3,790.57	1/4	4,146.69	1/4	4,480.00	1/4	4,804.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,798.15	1/2	4,153.89	1/2	4,486.68	1/2	4,811.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,805.73	3/4	4,161.10	3/4	4,493.35	3/4	4,818.43	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,813.31	7	4,168.30	7	4,500.02	7	4,825.21	7		7		7		7		7		7	
1/4	3,820.88	1/4	4,175.46	1/4	4,506.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,828.45	1/2	4,182.62	1/2	4,513.31	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,836.03	3/4	4,189.79	3/4	4,519.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,843.60	8	4,196.95	8	4,526.59	8		8		8		8		8		8		8	
1/4	3,851.16	1/4	4,204.08	1/4	4,533.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.71	1/2	4,211.21	1/2	4,539.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,866.27	3/4	4,218.33	3/4	4,546.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,873.83	9	4,225.46	9	4,553.01	9		9		9		9		9		9		9	
1/4	3,881.35	1/4	4,232.55	1/4	4,559.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,888.88	1/2	4,239.64	1/2	4,566.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,896.41	3/4	4,246.73	3/4	4,572.72	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,903.93	10	4,253.82	10	4,579.29	10		10		10		10		10		10		10	
1/4	3,911.42	1/4	4,260.87	1/4	4,585.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,918.91	1/2	4,267.93	1/2	4,592.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,926.40	3/4	4,274.98	3/4	4,598.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,933.89	11	4,282.03	11	4,605.42	11		11		11		11		11		11		11	
1/4	3,941.34	1/4	4,289.03	1/4	4,611.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,948.79	1/2	4,296.02	1/2	4,618.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,956.24	3/4	4,303.02	3/4	4,624.91	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 27764"

## 2 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	13.25	0	355.97	0	712.18	0	1,075.28	0	1,436.89	0	1,798.33	0	2,162.03	0	2,525.73	0	2,889.42	0	3,253.12
1/4	18.29	1/4	363.54	1/4	719.76	1/4	1,082.83	1/4	1,444.30	1/4	1,805.91	1/4	2,169.61	1/4	2,533.30	1/4	2,897.00	1/4	3,260.70
1/2	23.34	1/2	371.11	1/2	727.34	1/2	1,090.38	1/2	1,451.72	1/2	1,813.48	1/2	2,177.18	1/2	2,540.88	1/2	2,904.58	1/2	3,268.27
3/4	28.39	3/4	378.68	3/4	734.91	3/4	1,097.93	3/4	1,459.14	3/4	1,821.06	3/4	2,184.76	3/4	2,548.46	3/4	2,912.15	3/4	3,275.85
1	33.44	1	386.25	1	742.49	1	1,105.48	1	1,466.55	1	1,828.64	1	2,192.34	1	2,556.03	1	2,919.73	1	3,283.43
1/4	40.34	1/4	393.81	1/4	750.07	1/4	1,113.03	1/4	1,473.97	1/4	1,836.22	1/4	2,199.92	1/4	2,563.61	1/4	2,927.31	1/4	3,291.00
1/2	47.23	1/2	401.36	1/2	757.65	1/2	1,120.58	1/2	1,481.38	1/2	1,843.79	1/2	2,207.49	1/2	2,571.19	1/2	2,934.88	1/2	3,298.58
3/4	54.13	3/4	408.92	3/4	765.22	3/4	1,128.13	3/4	1,488.80	3/4	1,851.37	3/4	2,215.07	3/4	2,578.77	3/4	2,942.46	3/4	3,306.16
2	61.02	2	416.47	2	772.80	2	1,135.67	2	1,496.21	2	1,858.95	2	2,222.65	2	2,586.34	2	2,950.04	2	3,313.73
1/4	68.30	1/4	424.02	1/4	780.38	1/4	1,143.22	1/4	1,503.63	1/4	1,866.53	1/4	2,230.22	1/4	2,593.92	1/4	2,957.62	1/4	3,321.31
1/2	75.58	1/2	431.57	1/2	787.96	1/2	1,150.77	1/2	1,511.04	1/2	1,874.10	1/2	2,237.80	1/2	2,601.50	1/2	2,965.19	1/2	3,328.89
3/4	82.85	3/4	439.12	3/4	795.53	3/4	1,158.32	3/4	1,518.46	3/4	1,881.68	3/4	2,245.38	3/4	2,609.07	3/4	2,972.77	3/4	3,336.47
3	90.13	3	446.66	3	803.11	3	1,165.87	3	1,525.87	3	1,889.26	3	2,252.95	3	2,616.65	3	2,980.35	3	3,344.04
1/4	97.00	1/4	454.22	1/4	810.69	1/4	1,173.42	1/4	1,533.37	1/4	1,896.84	1/4	2,260.53	1/4	2,624.23	1/4	2,987.92	1/4	3,351.62
1/2	103.86	1/2	461.77	1/2	818.27	1/2	1,180.97	1/2	1,540.86	1/2	1,904.41	1/2	2,268.11	1/2	2,631.80	1/2	2,995.50	1/2	3,359.20
3/4	110.72	3/4	469.33	3/4	825.84	3/4	1,188.52	3/4	1,548.36	3/4	1,911.99	3/4	2,275.69	3/4	2,639.38	3/4	3,003.08	3/4	3,366.77
4	117.59	4	476.89	4	833.42	4	1,196.07	4	1,555.86	4	1,919.57	4	2,283.26	4	2,646.96	4	3,010.65	4	3,374.35
1/4	124.46	1/4	484.23	1/4	841.00	1/4	1,203.64	1/4	1,563.43	1/4	1,927.14	1/4	2,290.84	1/4	2,654.54	1/4	3,018.23	1/4	3,381.93
1/2	131.34	1/2	491.58	1/2	848.58	1/2	1,211.20	1/2	1,571.01	1/2	1,934.72	1/2	2,298.42	1/2	2,662.11	1/2	3,025.81	1/2	3,389.50
3/4	138.21	3/4	498.92	3/4	856.16	3/4	1,218.77	3/4	1,578.59	3/4	1,942.30	3/4	2,305.99	3/4	2,669.69	3/4	3,033.39	3/4	3,397.08
5	145.09	5	506.27	5	863.73	5	1,226.33	5	1,586.17	5	1,949.88	5	2,313.57	5	2,677.27	5	3,040.96	5	3,404.66
1/4	152.41	1/4	513.18	1/4	871.31	1/4	1,233.91	1/4	1,593.74	1/4	1,957.45	1/4	2,321.15	1/4	2,684.84	1/4	3,048.54	1/4	3,412.24
1/2	159.73	1/2	520.08	1/2	878.89	1/2	1,241.49	1/2	1,601.32	1/2	1,965.03	1/2	2,328.72	1/2	2,692.42	1/2	3,056.12	1/2	3,419.81
3/4	167.05	3/4	526.99	3/4	886.47	3/4	1,249.06	3/4	1,608.90	3/4	1,972.61	3/4	2,336.30	3/4	2,700.00	3/4	3,063.69	3/4	3,427.39
6	174.38	6	533.90	6	894.04	6	1,256.64	6	1,616.48	6	1,980.19	6	2,343.88	6	2,707.57	6	3,071.27	6	3,434.97
1/4	181.92	1/4	540.80	1/4	901.61	1/4	1,264.22	1/4	1,624.05	1/4	1,987.76	1/4	2,351.46	1/4	2,715.15	1/4	3,078.85	1/4	3,442.54
1/2	189.47	1/2	547.71	1/2	909.17	1/2	1,271.80	1/2	1,631.63	1/2	1,995.34	1/2	2,359.03	1/2	2,722.73	1/2	3,086.42	1/2	3,450.12
3/4	197.01	3/4	554.61	3/4	916.74	3/4	1,279.38	3/4	1,639.21	3/4	2,002.92	3/4	2,366.61	3/4	2,730.31	3/4	3,094.00	3/4	3,457.70
7	204.56	7	561.52	7	924.30	7	1,286.95	7	1,646.78	7	2,010.49	7	2,374.19	7	2,737.88	7	3,101.58	7	3,465.27
1/4	212.11	1/4	568.87	1/4	931.85	1/4	1,294.53	1/4	1,654.36	1/4	2,018.07	1/4	2,381.76	1/4	2,745.46	1/4	3,109.16	1/4	3,472.85
1/2	219.67	1/2	576.23	1/2	939.40	1/2	1,302.11	1/2	1,661.94	1/2	2,025.65	1/2	2,389.34	1/2	2,753.04	1/2	3,116.73	1/2	3,480.43
3/4	227.22	3/4	583.58	3/4	946.95	3/4	1,309.69	3/4	1,669.52	3/4	2,033.22	3/4	2,396.92	3/4	2,760.61	3/4	3,124.31	3/4	3,488.01
8	234.77	8	590.94	8	954.50	8	1,317.27	8	1,677.09	8	2,040.80	8	2,404.49	8	2,768.19	8	3,131.89	8	3,495.58
1/4	242.34	1/4	598.51	1/4	962.05	1/4	1,324.84	1/4	1,684.67	1/4	2,048.38	1/4	2,412.07	1/4	2,775.77	1/4	3,139.46	1/4	3,503.16
1/2	249.91	1/2	606.09	1/2	969.60	1/2	1,332.42	1/2	1,692.25	1/2	2,055.95	1/2	2,419.65	1/2	2,783.34	1/2	3,147.04	1/2	3,510.74
3/4	257.48	3/4	613.67	3/4	977.15	3/4	1,340.00	3/4	1,699.83	3/4	2,063.53	3/4	2,427.23	3/4	2,790.92	3/4	3,154.62	3/4	3,518.31
9	265.05	9	621.25	9	984.70	9	1,347.58	9	1,707.40	9	2,071.11	9	2,434.80	9	2,798.50	9	3,162.19	9	3,525.89
1/4	272.63	1/4	628.83	1/4	992.25	1/4	1,355.07	1/4	1,714.98	1/4	2,078.68	1/4	2,442.38	1/4	2,806.08	1/4	3,169.77	1/4	3,533.47
1/2	280.21	1/2	636.40	1/2	999.80	1/2	1,362.57	1/2	1,722.56	1/2	2,086.26	1/2	2,449.96	1/2	2,813.65	1/2	3,177.35	1/2	3,541.04
3/4	287.78	3/4	643.98	3/4	1,007.35	3/4	1,370.07	3/4	1,730.13	3/4	2,093.84	3/4	2,457.53	3/4	2,821.23	3/4	3,184.93	3/4	3,548.62
10	295.36	10	651.56	10	1,014.89	10	1,377.56	10	1,737.71	10	2,101.41	10	2,465.11	10	2,828.81	10	3,192.50	10	3,556.20
1/4	302.94	1/4	659.14	1/4	1,022.44	1/4	1,384.98	1/4	1,745.29	1/4	2,108.99	1/4	2,472.69	1/4	2,836.38	1/4	3,200.08	1/4	3,563.78
1/2	310.51	1/2	666.72	1/2	1,029.99	1/2	1,392.40	1/2	1,752.87	1/2	2,116.57	1/2	2,480.26	1/2	2,843.96	1/2	3,207.66	1/2	3,571.35
3/4	318.09	3/4	674.29	3/4	1,037.54	3/4	1,399.81	3/4	1,760.44	3/4	2,124.15	3/4	2,487.84	3/4	2,851.54	3/4	3,215.23	3/4	3,578.93
11	325.67	11	681.87	11	1,045.09	11	1,407.23	11	1,768.02	11	2,131.72	11	2,495.42	11	2,859.11	11	3,222.81	11	3,586.51
1/4	333.24	1/4	689.45	1/4	1,052.64	1/4	1,414.64	1/4	1,775.60	1/4	2,139.30	1/4	2,503.00	1/4	2,866.69	1/4	3,230.39	1/4	3,594.08
1/2	340.82	1/2	697.03	1/2	1,060.19	1/2	1,422.06	1/2	1,783.18	1/2	2,146.88	1/2	2,510.57	1/2	2,874.27	1/2	3,237.96	1/2	3,601.66
3/4	348.40	3/4	704.60	3/4	1,067.74	3/4	1,429.47	3/4	1,790.75	3/4	2,154.45	3/4	2,518.15	3/4	2,881.85	3/4	3,245.54	3/4	3,609.24

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'-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 27764"

## 2 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	3,616.81	0	3,979.36	0	4,325.68	0	4,647.07	0		0		0		0		0		0	
1/4	3,624.39	1/4	3,986.77	1/4	4,332.59	1/4	4,653.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,631.97	1/2	3,994.19	1/2	4,339.51	1/2	4,659.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,639.55	3/4	4,001.60	3/4	4,346.42	3/4	4,666.44	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,647.12	1	4,009.02	1	4,353.34	1	4,672.90	1		1		1		1		1		1	
1/4	3,654.70	1/4	4,016.40	1/4	4,360.19	1/4	4,679.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,662.28	1/2	4,023.77	1/2	4,367.05	1/2	4,685.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,669.85	3/4	4,031.15	3/4	4,373.91	3/4	4,692.16	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,677.43	2	4,038.53	2	4,380.77	2	4,698.58	2		2		2		2		2		2	
1/4	3,685.01	1/4	4,045.87	1/4	4,387.58	1/4	4,705.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,692.58	1/2	4,053.21	1/2	4,394.40	1/2	4,711.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,700.16	3/4	4,060.55	3/4	4,401.22	3/4	4,718.60	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,707.74	3	4,067.89	3	4,408.04	3	4,725.27	3		3		3		3		3		3	
1/4	3,715.32	1/4	4,075.20	1/4	4,414.83	1/4	4,732.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.89	1/2	4,082.50	1/2	4,421.61	1/2	4,739.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,730.47	3/4	4,089.81	3/4	4,428.39	3/4	4,746.91	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,738.05	4	4,097.11	4	4,435.18	4	4,754.13	4		4		4		4		4		4	
1/4	3,745.62	1/4	4,104.39	1/4	4,441.92	1/4	4,761.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,753.20	1/2	4,111.66	1/2	4,448.67	1/2	4,769.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,760.78	3/4	4,118.93	3/4	4,455.41	3/4	4,776.60	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,768.35	5	4,126.20	5	4,462.16	5	4,784.10	5		5		5		5		5		5	
1/4	3,775.93	1/4	4,133.44	1/4	4,468.87	1/4	4,791.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,783.51	1/2	4,140.68	1/2	4,475.58	1/2	4,798.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,791.09	3/4	4,147.92	3/4	4,482.28	3/4	4,806.34	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,798.66	6	4,155.16	6	4,488.99	6	4,813.75	6		6		6		6		6		6	
1/4	3,806.24	1/4	4,162.36	1/4	4,495.67	1/4	4,820.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,813.82	1/2	4,169.56	1/2	4,502.34	1/2	4,827.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,821.39	3/4	4,176.76	3/4	4,509.01	3/4	4,834.10	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,828.97	7	4,183.96	7	4,515.69	7	4,840.88	7		7		7		7		7		7	
1/4	3,836.54	1/4	4,191.13	1/4	4,522.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,844.12	1/2	4,198.29	1/2	4,528.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,851.69	3/4	4,205.45	3/4	4,535.61	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,859.26	8	4,212.62	8	4,542.25	8		8		8		8		8		8		8	
1/4	3,866.82	1/4	4,219.75	1/4	4,548.86	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,874.38	1/2	4,226.87	1/2	4,555.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,881.94	3/4	4,234.00	3/4	4,562.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,889.49	9	4,241.13	9	4,568.68	9		9		9		9		9		9		9	
1/4	3,897.02	1/4	4,248.22	1/4	4,575.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,904.55	1/2	4,255.31	1/2	4,581.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,912.07	3/4	4,262.40	3/4	4,588.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,919.60	10	4,269.49	10	4,594.96	10		10		10		10		10		10		10	
1/4	3,927.09	1/4	4,276.54	1/4	4,601.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,934.58	1/2	4,283.59	1/2	4,608.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.06	3/4	4,290.65	3/4	4,614.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,949.55	11	4,297.70	11	4,621.09	11		11		11		11		11		11		11	
1/4	3,957.00	1/4	4,304.69	1/4	4,627.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,964.46	1/2	4,311.69	1/2	4,634.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,971.91	3/4	4,318.68	3/4	4,640.57	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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2019



# BARGE "KIRBY 27764"

## 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	47.16	0	325.13	0	678.20	0	1,030.63	0	1,387.36	0	1,749.02	0	2,112.22	0	2,475.40	0	2,838.59	0	3,201.82
1/4	48.11	1/4	332.67	1/4	685.56	1/4	1,037.96	1/4	1,394.75	1/4	1,756.59	1/4	2,119.78	1/4	2,482.97	1/4	2,846.16	1/4	3,209.41
1/2	49.06	1/2	340.22	1/2	692.92	1/2	1,045.29	1/2	1,402.15	1/2	1,764.16	1/2	2,127.35	1/2	2,490.54	1/2	2,853.72	1/2	3,217.00
3/4	50.00	3/4	347.76	3/4	700.28	3/4	1,052.62	3/4	1,409.54	3/4	1,771.72	3/4	2,134.91	3/4	2,498.10	3/4	2,861.29	3/4	3,224.59
1	50.95	1	355.30	1	707.64	1	1,059.95	1	1,416.93	1	1,779.29	1	2,142.48	1	2,505.67	1	2,868.86	1	3,232.18
1/4	52.74	1/4	362.85	1/4	715.01	1/4	1,067.28	1/4	1,424.40	1/4	1,786.86	1/4	2,150.05	1/4	2,513.23	1/4	2,876.42	1/4	3,239.77
1/2	54.54	1/2	370.40	1/2	722.37	1/2	1,074.61	1/2	1,431.86	1/2	1,794.42	1/2	2,157.61	1/2	2,520.80	1/2	2,883.99	1/2	3,247.35
3/4	56.34	3/4	377.95	3/4	729.73	3/4	1,081.94	3/4	1,439.32	3/4	1,801.99	3/4	2,165.18	3/4	2,528.37	3/4	2,891.55	3/4	3,254.94
2	58.13	2	385.49	2	737.09	2	1,089.28	2	1,446.78	2	1,809.56	2	2,172.75	2	2,535.93	2	2,899.12	2	3,262.53
1/4	61.21	1/4	392.83	1/4	744.45	1/4	1,096.61	1/4	1,454.33	1/4	1,817.12	1/4	2,180.31	1/4	2,543.50	1/4	2,906.69	1/4	3,270.12
1/2	64.28	1/2	400.17	1/2	751.81	1/2	1,103.95	1/2	1,461.87	1/2	1,824.69	1/2	2,187.88	1/2	2,551.07	1/2	2,914.25	1/2	3,277.71
3/4	67.35	3/4	407.51	3/4	759.17	3/4	1,111.29	3/4	1,469.41	3/4	1,832.26	3/4	2,195.45	3/4	2,558.63	3/4	2,921.82	3/4	3,285.30
3	70.43	3	414.85	3	766.53	3	1,118.62	3	1,476.95	3	1,839.82	3	2,203.01	3	2,566.20	3	2,929.39	3	3,292.89
1/4	75.21	1/4	421.75	1/4	773.89	1/4	1,126.07	1/4	1,484.50	1/4	1,847.39	1/4	2,210.58	1/4	2,573.77	1/4	2,936.95	1/4	3,300.48
1/2	80.00	1/2	428.65	1/2	781.25	1/2	1,133.52	1/2	1,492.04	1/2	1,854.96	1/2	2,218.15	1/2	2,581.33	1/2	2,944.52	1/2	3,308.06
3/4	84.78	3/4	435.55	3/4	788.61	3/4	1,140.96	3/4	1,499.58	3/4	1,862.52	3/4	2,225.71	3/4	2,588.90	3/4	2,952.09	3/4	3,315.65
4	89.57	4	442.45	4	795.97	4	1,148.41	4	1,507.13	4	1,870.09	4	2,233.28	4	2,596.47	4	2,959.65	4	3,323.24
1/4	95.84	1/4	449.35	1/4	803.32	1/4	1,155.96	1/4	1,514.67	1/4	1,877.66	1/4	2,240.84	1/4	2,604.03	1/4	2,967.22	1/4	3,330.83
1/2	102.11	1/2	456.25	1/2	810.67	1/2	1,163.51	1/2	1,522.21	1/2	1,885.22	1/2	2,248.41	1/2	2,611.60	1/2	2,974.79	1/2	3,338.42
3/4	108.39	3/4	463.15	3/4	818.02	3/4	1,171.06	3/4	1,529.76	3/4	1,892.79	3/4	2,255.98	3/4	2,619.16	3/4	2,982.35	3/4	3,346.01
5	114.66	5	470.05	5	825.37	5	1,178.61	5	1,537.30	5	1,900.36	5	2,263.54	5	2,626.73	5	2,989.92	5	3,353.60
1/4	121.89	1/4	477.39	1/4	832.70	1/4	1,186.17	1/4	1,544.84	1/4	1,907.92	1/4	2,271.11	1/4	2,634.30	1/4	2,997.48	1/4	3,359.43
1/2	129.13	1/2	484.74	1/2	840.03	1/2	1,193.72	1/2	1,552.39	1/2	1,915.49	1/2	2,278.68	1/2	2,641.86	1/2	3,005.05	1/2	3,365.26
3/4	136.36	3/4	492.09	3/4	847.37	3/4	1,201.27	3/4	1,559.93	3/4	1,923.06	3/4	2,286.24	3/4	2,649.43	3/4	3,012.62	3/4	3,371.09
6	143.59	6	499.44	6	854.70	6	1,208.82	6	1,567.47	6	1,930.62	6	2,293.81	6	2,657.00	6	3,020.18	6	3,376.91
1/4	151.15	1/4	507.01	1/4	862.03	1/4	1,216.37	1/4	1,575.03	1/4	1,938.19	1/4	2,301.38	1/4	2,664.56	1/4	3,027.75	1/4	3,380.98
1/2	158.72	1/2	514.58	1/2	869.37	1/2	1,223.92	1/2	1,582.58	1/2	1,945.75	1/2	2,308.94	1/2	2,672.13	1/2	3,035.32	1/2	3,385.05
3/4	166.28	3/4	522.15	3/4	876.70	3/4	1,231.47	3/4	1,590.14	3/4	1,953.32	3/4	2,316.51	3/4	2,679.70	3/4	3,042.88	3/4	3,389.12
7	173.84	7	529.72	7	884.03	7	1,239.02	7	1,597.69	7	1,960.89	7	2,324.07	7	2,687.26	7	3,050.45	7	3,393.19
1/4	181.41	1/4	537.29	1/4	891.36	1/4	1,246.49	1/4	1,605.26	1/4	1,968.45	1/4	2,331.64	1/4	2,694.83	1/4	3,058.02	1/4	3,397.26
1/2	188.98	1/2	544.87	1/2	898.69	1/2	1,253.96	1/2	1,612.82	1/2	1,976.02	1/2	2,339.21	1/2	2,702.39	1/2	3,065.58	1/2	3,401.33
3/4	196.55	3/4	552.44	3/4	906.02	3/4	1,261.43	3/4	1,620.39	3/4	1,983.59	3/4	2,346.77	3/4	2,709.96	3/4	3,073.15	3/4	3,405.40
8	204.12	8	560.01	8	913.36	8	1,268.90	8	1,627.96	8	1,991.15	8	2,354.34	8	2,717.53	8	3,080.71	8	3,409.47
1/4	211.69	1/4	567.48	1/4	920.69	1/4	1,276.30	1/4	1,635.52	1/4	1,998.72	1/4	2,361.91	1/4	2,725.09	1/4	3,088.28	1/4	3,413.54
1/2	219.26	1/2	574.94	1/2	928.02	1/2	1,283.70	1/2	1,643.09	1/2	2,006.29	1/2	2,369.47	1/2	2,732.66	1/2	3,095.85	1/2	3,417.61
3/4	226.83	3/4	582.41	3/4	935.35	3/4	1,291.10	3/4	1,650.66	3/4	2,013.85	3/4	2,377.04	3/4	2,740.23	3/4	3,103.41	3/4	3,421.68
9	234.40	9	589.87	9	942.68	9	1,298.50	9	1,658.22	9	2,021.42	9	2,384.61	9	2,747.79	9	3,110.98	9	3,425.75
1/4	241.98	1/4	597.23	1/4	950.01	1/4	1,305.90	1/4	1,665.79	1/4	2,028.99	1/4	2,392.17	1/4	2,755.36	1/4	3,118.55	1/4	3,429.82
1/2	249.55	1/2	604.60	1/2	957.34	1/2	1,313.31	1/2	1,673.36	1/2	2,036.55	1/2	2,399.74	1/2	2,762.93	1/2	3,126.11	1/2	3,433.89
3/4	257.12	3/4	611.96	3/4	964.67	3/4	1,320.71	3/4	1,680.92	3/4	2,044.12	3/4	2,407.31	3/4	2,770.49	3/4	3,133.68	3/4	3,437.96
10	264.69	10	619.32	10	972.00	10	1,328.12	10	1,688.49	10	2,051.68	10	2,414.87	10	2,778.06	10	3,141.25	10	3,442.03
1/4	272.25	1/4	626.68	1/4	979.33	1/4	1,335.52	1/4	1,696.06	1/4	2,059.25	1/4	2,422.44	1/4	2,785.63	1/4	3,148.81	1/4	3,446.10
1/2	279.81	1/2	634.04	1/2	986.66	1/2	1,342.93	1/2	1,703.62	1/2	2,066.82	1/2	2,430.00	1/2	2,793.19	1/2	3,156.38	1/2	3,450.17
3/4	287.38	3/4	641.40	3/4	993.99	3/4	1,350.33	3/4	1,711.19	3/4	2,074.38	3/4	2,437.57	3/4	2,800.76	3/4	3,163.95	3/4	3,454.24
11	294.94	11	648.76	11	1,001.31	11	1,357.74	11	1,718.76	11	2,081.95	11	2,445.14	11	2,808.32	11	3,171.51	11	3,458.31
1/4	302.49	1/4	656.12	1/4	1,008.64	1/4	1,365.15	1/4	1,726.32	1/4	2,089.52	1/4	2,452.70	1/4	2,815.89	1/4	3,179.09	1/4	3,462.38
1/2	310.04	1/2	663.48	1/2	1,015.97	1/2	1,372.55	1/2	1,733.89	1/2	2,097.08	1/2	2,460.27	1/2	2,823.46	1/2	3,186.67	1/2	3,466.45
3/4	317.58	3/4	670.84	3/4	1,023.30	3/4	1,379.96	3/4	1,741.46	3/4	2,104.65	3/4	2,467.84	3/4	2,831.02	3/4	3,194.24	3/4	3,470.52

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'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 27764"

## 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	3,474.59	0	3,668.56	0	3,852.07	0	4,020.88	0		0		0		0		0		0	
1/4	3,478.66	1/4	3,672.50	1/4	3,855.69	1/4	4,024.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,482.73	1/2	3,676.44	1/2	3,859.32	1/2	4,027.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,486.80	3/4	3,680.39	3/4	3,862.94	3/4	4,031.51	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,490.87	1	3,684.33	1	3,866.56	1	4,035.06	1		1		1		1		1		1	
1/4	3,494.94	1/4	3,688.25	1/4	3,870.17	1/4	4,038.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,499.01	1/2	3,692.18	1/2	3,873.77	1/2	4,042.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,503.08	3/4	3,696.10	3/4	3,877.37	3/4	4,046.56	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,507.15	2	3,700.03	2	3,880.98	2	4,050.40	2		2		2		2		2		2	
1/4	3,511.22	1/4	3,703.93	1/4	3,884.56	1/4	4,054.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,515.29	1/2	3,707.84	1/2	3,888.15	1/2	4,058.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,519.36	3/4	3,711.75	3/4	3,891.73	3/4	4,062.36	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,523.43	3	3,715.65	3	3,895.31	3	4,066.34	3		3		3		3		3		3	
1/4	3,527.50	1/4	3,719.54	1/4	3,898.88	1/4	4,070.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,531.57	1/2	3,723.43	1/2	3,902.44	1/2	4,074.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,535.64	3/4	3,727.32	3/4	3,906.01	3/4	4,078.06	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,539.71	4	3,731.20	4	3,909.57	4	4,081.97	4		4		4		4		4		4	
1/4	3,543.78	1/4	3,735.07	1/4	3,913.12	1/4	4,085.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,547.85	1/2	3,738.94	1/2	3,916.66	1/2	4,088.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,551.92	3/4	3,742.81	3/4	3,920.21	3/4	4,091.79	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,555.99	5	3,746.68	5	3,923.75	5	4,095.06	5		5		5		5		5		5	
1/4	3,560.06	1/4	3,750.52	1/4	3,927.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,564.13	1/2	3,754.37	1/2	3,930.81	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,568.20	3/4	3,758.22	3/4	3,934.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,572.27	6	3,762.07	6	3,937.86	6		6		6		6		6		6		6	
1/4	3,576.33	1/4	3,765.90	1/4	3,941.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,580.39	1/2	3,769.72	1/2	3,944.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,584.45	3/4	3,773.55	3/4	3,948.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,588.51	7	3,777.38	7	3,951.90	7		7		7		7		7		7		7	
1/4	3,592.55	1/4	3,781.19	1/4	3,955.39	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,596.59	1/2	3,785.00	1/2	3,958.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,600.63	3/4	3,788.80	3/4	3,962.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,604.68	8	3,792.61	8	3,965.85	8		8		8		8		8		8		8	
1/4	3,608.70	1/4	3,796.40	1/4	3,969.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,612.72	1/2	3,800.19	1/2	3,972.79	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,616.74	3/4	3,803.98	3/4	3,976.26	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,620.77	9	3,807.77	9	3,979.73	9		9		9		9		9		9		9	
1/4	3,624.77	1/4	3,811.51	1/4	3,983.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,628.77	1/2	3,815.26	1/2	3,986.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,632.77	3/4	3,819.01	3/4	3,990.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,636.78	10	3,822.75	10	3,993.53	10		10		10		10		10		10		10	
1/4	3,640.76	1/4	3,826.44	1/4	3,996.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,644.74	1/2	3,830.12	1/2	4,000.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,648.73	3/4	3,833.81	3/4	4,003.82	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,652.71	11	3,837.49	11	4,007.24	11		11		11		11		11		11		11	
1/4	3,656.67	1/4	3,841.14	1/4	4,010.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,660.63	1/2	3,844.78	1/2	4,014.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,664.60	3/4	3,848.42	3/4	4,017.47	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 27764"

## 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 27764"

## 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 27764"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 7' 04-1/4"

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	0	0	2,326	0	4,651	0	6,977	0	9,302	0	11,628	0	13,954	0		0		0	
1/4	48	1/4	2,374	1/4	4,700	1/4	7,025	1/4	9,351	1/4	11,676	1/4	14,002	1/4		1/4		1/4	
1/2	97	1/2	2,422	1/2	4,748	1/2	7,074	1/2	9,399	1/2	11,725	1/2	14,050	1/2		1/2		1/2	
3/4	145	3/4	2,471	3/4	4,797	3/4	7,122	3/4	9,448	3/4	11,773	3/4	14,099	3/4		3/4		3/4	
1	194	1	2,519	1	4,845	1	7,171	1	9,496	1	11,822	1	14,147	1		1		1	
1/4	242	1/4	2,568	1/4	4,893	1/4	7,219	1/4	9,545	1/4	11,870	1/4	14,196	1/4		1/4		1/4	
1/2	291	1/2	2,616	1/2	4,942	1/2	7,267	1/2	9,593	1/2	11,919	1/2	14,244	1/2		1/2		1/2	
3/4	339	3/4	2,665	3/4	4,990	3/4	7,316	3/4	9,641	3/4	11,967	3/4	14,293	3/4		3/4		3/4	
2	388	2	2,713	2	5,039	2	7,364	2	9,690	2	12,016	2	14,341	2		2		2	
1/4	436	1/4	2,762	1/4	5,087	1/4	7,413	1/4	9,738	1/4	12,064	1/4		1/4		1/4		1/4	
1/2	484	1/2	2,810	1/2	5,136	1/2	7,461	1/2	9,787	1/2	12,112	1/2		1/2		1/2		1/2	
3/4	533	3/4	2,859	3/4	5,184	3/4	7,510	3/4	9,835	3/4	12,161	3/4		3/4		3/4		3/4	
3	581	3	2,907	3	5,233	3	7,558	3	9,884	3	12,209	3		3		3		3	
1/4	630	1/4	2,955	1/4	5,281	1/4	7,607	1/4	9,932	1/4	12,258	1/4		1/4		1/4		1/4	
1/2	678	1/2	3,004	1/2	5,329	1/2	7,655	1/2	9,981	1/2	12,306	1/2		1/2		1/2		1/2	
3/4	727	3/4	3,052	3/4	5,378	3/4	7,704	3/4	10,029	3/4	12,355	3/4		3/4		3/4		3/4	
4	775	4	3,101	4	5,426	4	7,752	4	10,078	4	12,403	4		4		4		4	
1/4	824	1/4	3,149	1/4	5,475	1/4	7,800	1/4	10,126	1/4	12,452	1/4		1/4		1/4		1/4	
1/2	872	1/2	3,198	1/2	5,523	1/2	7,849	1/2	10,174	1/2	12,500	1/2		1/2		1/2		1/2	
3/4	921	3/4	3,246	3/4	5,572	3/4	7,897	3/4	10,223	3/4	12,548	3/4		3/4		3/4		3/4	
5	969	5	3,295	5	5,620	5	7,946	5	10,271	5	12,597	5		5		5		5	
1/4	1,017	1/4	3,343	1/4	5,669	1/4	7,994	1/4	10,320	1/4	12,645	1/4		1/4		1/4		1/4	
1/2	1,066	1/2	3,391	1/2	5,717	1/2	8,043	1/2	10,368	1/2	12,694	1/2		1/2		1/2		1/2	
3/4	1,114	3/4	3,440	3/4	5,766	3/4	8,091	3/4	10,417	3/4	12,742	3/4		3/4		3/4		3/4	
6	1,163	6	3,488	6	5,814	6	8,140	6	10,465	6	12,791	6		6		6		6	
1/4	1,211	1/4	3,537	1/4	5,862	1/4	8,188	1/4	10,514	1/4	12,839	1/4		1/4		1/4		1/4	
1/2	1,260	1/2	3,585	1/2	5,911	1/2	8,236	1/2	10,562	1/2	12,888	1/2		1/2		1/2		1/2	
3/4	1,308	3/4	3,634	3/4	5,959	3/4	8,285	3/4	10,610	3/4	12,936	3/4		3/4		3/4		3/4	
7	1,357	7	3,682	7	6,008	7	8,333	7	10,659	7	12,985	7		7		7		7	
1/4	1,405	1/4	3,731	1/4	6,056	1/4	8,382	1/4	10,707	1/4	13,033	1/4		1/4		1/4		1/4	
1/2	1,453	1/2	3,779	1/2	6,105	1/2	8,430	1/2	10,756	1/2	13,081	1/2		1/2		1/2		1/2	
3/4	1,502	3/4	3,828	3/4	6,153	3/4	8,479	3/4	10,804	3/4	13,130	3/4		3/4		3/4		3/4	
8	1,550	8	3,876	8	6,202	8	8,527	8	10,853	8	13,178	8		8		8		8	
1/4	1,599	1/4	3,924	1/4	6,250	1/4	8,576	1/4	10,901	1/4	13,227	1/4		1/4		1/4		1/4	
1/2	1,647	1/2	3,973	1/2	6,298	1/2	8,624	1/2	10,950	1/2	13,275	1/2		1/2		1/2		1/2	
3/4	1,696	3/4	4,021	3/4	6,347	3/4	8,672	3/4	10,998	3/4	13,324	3/4		3/4		3/4		3/4	
9	1,744	9	4,070	9	6,395	9	8,721	9	11,047	9	13,372	9		9		9		9	
1/4	1,793	1/4	4,118	1/4	6,444	1/4	8,769	1/4	11,095	1/4	13,421	1/4		1/4		1/4		1/4	
1/2	1,841	1/2	4,167	1/2	6,492	1/2	8,818	1/2	11,143	1/2	13,469	1/2		1/2		1/2		1/2	
3/4	1,890	3/4	4,215	3/4	6,541	3/4	8,866	3/4	11,192	3/4	13,517	3/4		3/4		3/4		3/4	
10	1,938	10	4,264	10	6,589	10	8,915	10	11,240	10	13,566	10		10		10		10	
1/4	1,986	1/4	4,312	1/4	6,638	1/4	8,963	1/4	11,289	1/4	13,614	1/4		1/4		1/4		1/4	
1/2	2,035	1/2	4,360	1/2	6,686	1/2	9,012	1/2	11,337	1/2	13,663	1/2		1/2		1/2		1/2	
3/4	2,083	3/4	4,409	3/4	6,735	3/4	9,060	3/4	11,386	3/4	13,711	3/4		3/4		3/4		3/4	
11	2,132	11	4,457	11	6,783	11	9,109	11	11,434	11	13,760	11		11		11		11	
1/4	2,180	1/4	4,506	1/4	6,831	1/4	9,157	1/4	11,483	1/4	13,808	1/4		1/4		1/4		1/4	
1/2	2,229	1/2	4,554	1/2	6,880	1/2	9,205	1/2	11,531	1/2	13,857	1/2		1/2		1/2		1/2	
3/4	2,277	3/4	4,603	3/4	6,928	3/4	9,254	3/4	11,579	3/4	13,905	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  
 GAUGE HEIGHT TOP TOP LIP OF QUICK CONNECT FITTING ON STANDPIPE.

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 27764"

## 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	01-3/8	- 01-3/8	02-0/8	- 02-0/8	02-3/4	- 02-3/4	03-3/8	- 03-3/8	04-0/8	- 04-0/8
1 STBD	00-5/8	- 00-5/8	01-3/8	- 01-3/8	02-0/8	- 02-0/8	02-3/4	- 02-3/4	03-3/8	- 03-3/8	04-0/8	- 04-0/8
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	04-3/8	- 04-3/8
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	04-3/8	- 04-3/8
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 - 01-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-10 5/8"

LENGTH BETWEEN DRAFT MARKS: 242'-03"

March 12, 2009

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27764"

## 1 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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
									4,686.04		4,366.40		4,023.32		3,660.37		3,294.11		2,927.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,679.32	1/4	4,359.53	1/4	4,015.93	1/4	3,652.74	1/4	3,286.48	1/4	2,920.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,672.60	1/2	4,352.66	1/2	4,008.53	1/2	3,645.11	1/2	3,278.85	1/2	2,912.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,665.88	3/4	4,345.80	3/4	4,001.14	3/4	3,637.48	3/4	3,271.22	3/4	2,904.97
<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>	4,659.42	<b>1</b>	4,338.89	<b>1</b>	3,993.71	<b>1</b>	3,629.85	<b>1</b>	3,263.59	<b>1</b>	2,897.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,652.95	1/4	4,331.98	1/4	3,986.28	1/4	3,622.22	1/4	3,255.96	1/4	2,889.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,646.48	1/2	4,325.08	1/2	3,978.85	1/2	3,614.59	1/2	3,248.33	1/2	2,882.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,640.01	3/4	4,318.17	3/4	3,971.42	3/4	3,606.96	3/4	3,240.70	3/4	2,874.45
<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>	4,633.51	<b>2</b>	4,311.21	<b>2</b>	3,963.96	<b>2</b>	3,599.33	<b>2</b>	3,233.07	<b>2</b>	2,866.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,627.01	1/4	4,304.24	1/4	3,956.49	1/4	3,591.70	1/4	3,225.44	1/4	2,859.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,620.50	1/2	4,297.28	1/2	3,949.02	1/2	3,584.07	1/2	3,217.81	1/2	2,851.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,614.00	3/4	4,290.31	3/4	3,941.56	3/4	3,576.44	3/4	3,210.18	3/4	2,843.93
<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>	4,607.46	<b>3</b>	4,283.27	<b>3</b>	3,934.05	<b>3</b>	3,568.81	<b>3</b>	3,202.55	<b>3</b>	2,836.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,600.91	1/4	4,276.23	1/4	3,926.55	1/4	3,561.18	1/4	3,194.92	1/4	2,828.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,594.37	1/2	4,269.18	1/2	3,919.04	1/2	3,553.55	1/2	3,187.29	1/2	2,821.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,587.83	3/4	4,262.14	3/4	3,911.54	3/4	3,545.91	3/4	3,179.66	3/4	2,813.41
<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>	4,581.25	<b>4</b>	4,255.04	<b>4</b>	3,904.00	<b>4</b>	3,538.28	<b>4</b>	3,172.03	<b>4</b>	2,805.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,574.67	1/4	4,247.93	1/4	3,896.46	1/4	3,530.65	1/4	3,164.40	1/4	2,798.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,568.09	1/2	4,240.83	1/2	3,888.91	1/2	3,523.02	1/2	3,156.77	1/2	2,790.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,561.52	3/4	4,233.73	3/4	3,881.37	3/4	3,515.39	3/4	3,149.14	3/4	2,782.88
<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>	4,554.90	<b>5</b>	4,226.59	<b>5</b>	3,873.79	<b>5</b>	3,507.76	<b>5</b>	3,141.51	<b>5</b>	2,775.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,548.28	1/4	4,219.45	1/4	3,866.22	1/4	3,500.13	1/4	3,133.88	1/4	2,767.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,541.67	1/2	4,212.31	1/2	3,858.64	1/2	3,492.50	1/2	3,126.25	1/2	2,759.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,535.05	3/4	4,205.17	3/4	3,851.06	3/4	3,484.87	3/4	3,118.62	3/4	2,752.36
<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>	4,528.40	<b>6</b>	4,197.99	<b>6</b>	3,843.45	<b>6</b>	3,477.24	<b>6</b>	3,110.99	<b>6</b>	2,744.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,521.74	1/4	4,190.81	1/4	3,835.84	1/4	3,469.61	1/4	3,103.36	1/4	2,737.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,515.09	1/2	4,183.64	1/2	3,828.23	1/2	3,461.98	1/2	3,095.73	1/2	2,729.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,508.44	3/4	4,176.46	3/4	3,820.62	3/4	3,454.35	3/4	3,088.10	3/4	2,721.84
<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>	4,501.75	<b>7</b>	4,169.25	<b>7</b>	3,812.98	<b>7</b>	3,446.72	<b>7</b>	3,080.47	<b>7</b>	2,714.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,495.06	1/4	4,162.03	1/4	3,805.35	1/4	3,439.09	1/4	3,072.84	1/4	2,706.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,488.37	1/2	4,154.82	1/2	3,797.72	1/2	3,431.46	1/2	3,065.21	1/2	2,698.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,481.68	3/4	4,147.60	3/4	3,790.08	3/4	3,423.83	3/4	3,057.58	3/4	2,691.32
<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>	4,809.20	<b>8</b>	4,474.96	<b>8</b>	4,140.35	<b>8</b>	3,782.45	<b>8</b>	3,416.20	<b>8</b>	3,049.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,802.37	1/4	4,468.24	1/4	4,133.10	1/4	3,774.82	1/4	3,408.57	1/4	3,042.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,795.54	1/2	4,461.52	1/2	4,125.85	1/2	3,767.19	1/2	3,400.94	1/2	3,034.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,788.70	3/4	4,454.80	3/4	4,118.59	3/4	3,759.56	3/4	3,393.31	3/4	3,027.05
<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>	4,781.87	<b>9</b>	4,448.04	<b>9</b>	4,111.30	<b>9</b>	3,751.93	<b>9</b>	3,385.68	<b>9</b>	3,019.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,774.41	1/4	4,441.28	1/4	4,104.02	1/4	3,744.30	1/4	3,378.05	1/4	3,011.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,766.94	1/2	4,434.53	1/2	4,096.73	1/2	3,736.67	1/2	3,370.42	1/2	3,004.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,759.47	3/4	4,427.77	3/4	4,089.44	3/4	3,729.04	3/4	3,362.79	3/4	2,996.53
<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>	4,752.00	<b>10</b>	4,420.98	<b>10</b>	4,082.11	<b>10</b>	3,721.41	<b>10</b>	3,355.16	<b>10</b>	2,988.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,744.46	1/4	4,414.18	1/4	4,074.79	1/4	3,712.41	1/4	3,347.53	1/4	2,981.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,736.91	1/2	4,407.39	1/2	4,067.46	1/2	3,706.15	1/2	3,339.90	1/2	2,973.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,729.37	3/4	4,400.59	3/4	4,060.14	3/4	3,698.52	3/4	3,332.27	3/4	2,966.01
<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>	4,721.82	<b>11</b>	4,393.76	<b>11</b>	4,052.78	<b>11</b>	3,690.89	<b>11</b>	3,324.64	<b>11</b>	2,958.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,714.55	1/4	4,386.93	1/4	4,045.43	1/4	3,683.26	1/4	3,317.01	1/4	2,950.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,707.29	1/2	4,380.10	1/2	4,038.07	1/2	3,675.63	1/2	3,309.38	1/2	2,943.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,700.02	3/4	4,373.27	3/4	4,030.71	3/4	3,668.00	3/4	3,301.75	3/4	2,935.49

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 57'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "KIRBY 27764"

## 1 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	2,561.61	0	2,195.35	0	1,829.09	0	1,462.83	0	1,097.70	0	733.43	0	376.90	0	57.75	0		0	
1/4	2,553.98	1/4	2,187.72	1/4	1,821.46	1/4	1,455.22	1/4	1,090.13	1/4	725.79	1/4	369.64	1/4	51.78	1/4		1/4	
1/2	2,546.35	1/2	2,180.09	1/2	1,813.83	1/2	1,447.60	1/2	1,082.55	1/2	718.16	1/2	362.38	1/2	45.81	1/2		1/2	
3/4	2,538.72	3/4	2,172.46	3/4	1,806.20	3/4	1,439.98	3/4	1,074.98	3/4	710.53	3/4	355.12	3/4	39.83	3/4		3/4	
1	2,531.08	1	2,164.83	1	1,798.57	1	1,432.38	1	1,067.41	1	702.90	1	347.93	1	34.33	1		1	
1/4	2,523.45	1/4	2,157.20	1/4	1,790.94	1/4	1,424.78	1/4	1,059.83	1/4	695.27	1/4	340.75	1/4	28.83	1/4		1/4	
1/2	2,515.82	1/2	2,149.57	1/2	1,783.31	1/2	1,417.17	1/2	1,052.26	1/2	687.64	1/2	333.56	1/2	23.32	1/2		1/2	
3/4	2,508.19	3/4	2,141.94	3/4	1,775.68	3/4	1,409.57	3/4	1,044.69	3/4	680.01	3/4	326.38	3/4	17.82	3/4		3/4	
2	2,500.56	2	2,134.31	2	1,768.04	2	1,401.97	2	1,037.12	2	672.38	2	319.26	2	14.26	2		2	
1/4	2,492.93	1/4	2,126.68	1/4	1,760.41	1/4	1,394.37	1/4	1,029.54	1/4	664.75	1/4	312.15	1/4	10.70	1/4		1/4	
1/2	2,485.30	1/2	2,119.05	1/2	1,752.78	1/2	1,386.76	1/2	1,021.97	1/2	657.12	1/2	305.04	1/2	7.15	1/2		1/2	
3/4	2,477.67	3/4	2,111.42	3/4	1,745.15	3/4	1,379.16	3/4	1,014.40	3/4	649.48	3/4	297.92	3/4	3.59	3/4		3/4	
3	2,470.04	3	2,103.79	3	1,737.52	3	1,371.56	3	1,006.82	3	641.85	3	290.88	3		3		3	
1/4	2,462.41	1/4	2,096.16	1/4	1,729.89	1/4	1,363.95	1/4	999.25	1/4	634.22	1/4	283.85	1/4		1/4		1/4	
1/2	2,454.78	1/2	2,088.53	1/2	1,722.26	1/2	1,356.35	1/2	991.68	1/2	626.59	1/2	276.81	1/2		1/2		1/2	
3/4	2,447.15	3/4	2,080.90	3/4	1,714.63	3/4	1,348.75	3/4	984.10	3/4	618.96	3/4	269.77	3/4		3/4		3/4	
4	2,439.52	4	2,073.27	4	1,707.00	4	1,341.14	4	976.53	4	611.33	4	262.82	4		4		4	
1/4	2,431.89	1/4	2,065.64	1/4	1,699.37	1/4	1,333.54	1/4	968.96	1/4	603.70	1/4	255.87	1/4		1/4		1/4	
1/2	2,424.26	1/2	2,058.01	1/2	1,691.74	1/2	1,325.93	1/2	961.38	1/2	596.07	1/2	248.92	1/2		1/2		1/2	
3/4	2,416.63	3/4	2,050.38	3/4	1,684.11	3/4	1,318.33	3/4	953.81	3/4	588.44	3/4	241.97	3/4		3/4		3/4	
5	2,409.00	5	2,042.75	5	1,676.48	5	1,310.73	5	946.24	5	580.80	5	235.10	5		5		5	
1/4	2,401.37	1/4	2,035.12	1/4	1,668.85	1/4	1,303.12	1/4	938.67	1/4	573.17	1/4	228.23	1/4		1/4		1/4	
1/2	2,393.74	1/2	2,027.49	1/2	1,661.22	1/2	1,295.52	1/2	931.09	1/2	565.54	1/2	221.36	1/2		1/2		1/2	
3/4	2,386.11	3/4	2,019.85	3/4	1,653.59	3/4	1,287.92	3/4	923.52	3/4	557.91	3/4	214.50	3/4		3/4		3/4	
6	2,378.48	6	2,012.22	6	1,645.96	6	1,280.30	6	915.95	6	550.28	6	207.72	6		6		6	
1/4	2,370.85	1/4	2,004.59	1/4	1,638.32	1/4	1,272.68	1/4	908.37	1/4	542.65	1/4	200.95	1/4		1/4		1/4	
1/2	2,363.22	1/2	1,996.96	1/2	1,630.69	1/2	1,265.06	1/2	900.80	1/2	535.02	1/2	194.17	1/2		1/2		1/2	
3/4	2,355.59	3/4	1,989.33	3/4	1,623.06	3/4	1,257.45	3/4	893.23	3/4	527.39	3/4	187.40	3/4		3/4		3/4	
7	2,347.96	7	1,981.70	7	1,615.43	7	1,249.82	7	885.65	7	519.98	7	180.72	7		7		7	
1/4	2,340.33	1/4	1,974.07	1/4	1,607.80	1/4	1,242.18	1/4	878.08	1/4	512.57	1/4	174.04	1/4		1/4		1/4	
1/2	2,332.70	1/2	1,966.44	1/2	1,600.17	1/2	1,234.55	1/2	870.50	1/2	505.16	1/2	167.37	1/2		1/2		1/2	
3/4	2,325.07	3/4	1,958.81	3/4	1,592.54	3/4	1,226.92	3/4	862.93	3/4	497.76	3/4	160.69	3/4		3/4		3/4	
8	2,317.44	8	1,951.18	8	1,584.91	8	1,219.29	8	855.34	8	490.82	8	154.11	8		8		8	
1/4	2,309.81	1/4	1,943.55	1/4	1,577.28	1/4	1,211.66	1/4	847.75	1/4	483.88	1/4	147.53	1/4		1/4		1/4	
1/2	2,302.18	1/2	1,935.92	1/2	1,569.65	1/2	1,204.03	1/2	840.16	1/2	476.94	1/2	140.95	1/2		1/2		1/2	
3/4	2,294.55	3/4	1,928.29	3/4	1,562.02	3/4	1,196.40	3/4	832.57	3/4	470.00	3/4	134.37	3/4		3/4		3/4	
9	2,286.92	9	1,920.66	9	1,554.39	9	1,188.78	9	824.95	9	463.13	9	128.10	9		9		9	
1/4	2,279.28	1/4	1,913.03	1/4	1,546.76	1/4	1,181.16	1/4	817.34	1/4	456.25	1/4	121.82	1/4		1/4		1/4	
1/2	2,271.65	1/2	1,905.40	1/2	1,539.13	1/2	1,173.55	1/2	809.72	1/2	449.38	1/2	115.55	1/2		1/2		1/2	
3/4	2,264.02	3/4	1,897.77	3/4	1,531.50	3/4	1,165.93	3/4	802.10	3/4	442.50	3/4	109.28	3/4		3/4		3/4	
10	2,256.39	10	1,890.13	10	1,523.87	10	1,158.34	10	794.47	10	435.27	10	103.53	10		10		10	
1/4	2,248.76	1/4	1,882.50	1/4	1,516.24	1/4	1,150.75	1/4	786.84	1/4	428.04	1/4	97.79	1/4		1/4		1/4	
1/2	2,241.13	1/2	1,874.87	1/2	1,508.60	1/2	1,143.16	1/2	779.21	1/2	420.81	1/2	92.05	1/2		1/2		1/2	
3/4	2,233.50	3/4	1,867.24	3/4	1,500.97	3/4	1,135.57	3/4	771.58	3/4	413.58	3/4	86.31	3/4		3/4		3/4	
11	2,225.87	11	1,859.61	11	1,493.34	11	1,128.00	11	763.95	11	406.23	11	80.66	11		11		11	
1/4	2,218.24	1/4	1,851.98	1/4	1,485.71	1/4	1,120.42	1/4	756.32	1/4	398.87	1/4	75.02	1/4		1/4		1/4	
1/2	2,210.61	1/2	1,844.35	1/2	1,478.08	1/2	1,112.85	1/2	748.69	1/2	391.52	1/2	69.37	1/2		1/2		1/2	
3/4	2,202.98	3/4	1,836.72	3/4	1,470.45	3/4	1,105.27	3/4	741.06	3/4	384.17	3/4	63.73	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2009 CL - SW  
CALCULATED: 03/12/2009 CL  
PRINTED: 03/12/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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



# BARGE "KIRBY 27764"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02"

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
									4,667.28		4,347.19		4,002.54		3,638.87		3,272.62		2,906.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,660.81	1/4	4,340.28	1/4	3,995.11	1/4	3,631.24	1/4	3,264.99	1/4	2,898.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,654.34	1/2	4,333.38	1/2	3,987.68	1/2	3,623.61	1/2	3,257.36	1/2	2,891.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,647.88	3/4	4,326.47	3/4	3,980.25	3/4	3,615.98	3/4	3,249.73	3/4	2,883.47
<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>	4,641.41	<b>1</b>	4,291.57	<b>1</b>	3,972.82	<b>1</b>	3,608.35	<b>1</b>	3,242.10	<b>1</b>	2,875.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,634.90	1/4	4,312.60	1/4	3,965.35	1/4	3,600.72	1/4	3,234.47	1/4	2,868.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,628.40	1/2	4,305.64	1/2	3,957.88	1/2	3,593.09	1/2	3,226.84	1/2	2,860.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,621.90	3/4	4,298.67	3/4	3,950.42	3/4	3,585.46	3/4	3,219.21	3/4	2,852.95
<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>	4,615.39	<b>2</b>	4,291.71	<b>2</b>	3,942.95	<b>2</b>	3,577.83	<b>2</b>	3,211.58	<b>2</b>	2,845.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,608.85	1/4	4,284.66	1/4	3,935.45	1/4	3,570.20	1/4	3,203.95	1/4	2,837.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,602.31	1/2	4,277.62	1/2	3,927.94	1/2	3,562.57	1/2	3,196.31	1/2	2,830.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,595.77	3/4	4,270.58	3/4	3,920.44	3/4	3,554.94	3/4	3,188.68	3/4	2,822.43
<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>	4,589.23	<b>3</b>	4,263.53	<b>3</b>	3,912.93	<b>3</b>	3,547.31	<b>3</b>	3,181.05	<b>3</b>	2,814.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,582.65	1/4	4,256.43	1/4	3,905.39	1/4	3,539.68	1/4	3,173.42	1/4	2,807.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,576.07	1/2	4,249.33	1/2	3,897.85	1/2	3,532.05	1/2	3,165.79	1/2	2,799.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,569.49	3/4	4,242.22	3/4	3,890.31	3/4	3,524.42	3/4	3,158.16	3/4	2,791.91
<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>	4,562.91	<b>4</b>	4,235.12	<b>4</b>	3,882.77	<b>4</b>	3,516.79	<b>4</b>	3,150.53	<b>4</b>	2,784.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,556.29	1/4	4,227.98	1/4	3,875.19	1/4	3,509.16	1/4	3,142.90	1/4	2,776.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,549.68	1/2	4,220.84	1/2	3,867.61	1/2	3,501.53	1/2	3,135.27	1/2	2,769.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,543.06	3/4	4,213.70	3/4	3,860.03	3/4	3,493.90	3/4	3,127.64	3/4	2,761.39
<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>	4,536.45	<b>5</b>	4,206.56	<b>5</b>	3,852.45	<b>5</b>	3,486.27	<b>5</b>	3,120.01	<b>5</b>	2,753.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,529.79	1/4	4,199.39	1/4	3,844.84	1/4	3,478.64	1/4	3,112.38	1/4	2,746.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,523.14	1/2	4,192.21	1/2	3,837.23	1/2	3,471.01	1/2	3,104.75	1/2	2,738.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,516.48	3/4	4,185.03	3/4	3,829.62	3/4	3,463.38	3/4	3,097.12	3/4	2,730.87
<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>	4,509.83	<b>6</b>	4,177.85	<b>6</b>	3,822.01	<b>6</b>	3,455.75	<b>6</b>	3,089.49	<b>6</b>	2,723.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,503.14	1/4	4,170.64	1/4	3,814.38	1/4	3,448.11	1/4	3,081.86	1/4	2,715.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,496.45	1/2	4,163.42	1/2	3,806.74	1/2	3,440.48	1/2	3,074.23	1/2	2,707.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,489.76	3/4	4,156.21	3/4	3,799.11	3/4	3,432.85	3/4	3,066.60	3/4	2,700.35
<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>	4,810.59	<b>7</b>	4,483.08	<b>7</b>	4,149.00	<b>7</b>	3,791.48	<b>7</b>	3,425.22	<b>7</b>	3,058.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,803.76	1/4	4,476.35	1/4	4,141.74	1/4	3,783.85	1/4	3,417.59	1/4	3,051.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,796.93	1/2	4,469.63	1/2	4,134.49	1/2	3,776.22	1/2	3,409.96	1/2	3,043.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,790.10	3/4	4,462.91	3/4	4,127.24	3/4	3,768.59	3/4	3,402.33	3/4	3,036.08
<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>	4,783.27	<b>8</b>	4,456.19	<b>8</b>	4,119.99	<b>8</b>	3,760.96	<b>8</b>	3,394.70	<b>8</b>	3,028.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,775.80	1/4	4,449.43	1/4	4,112.70	1/4	3,753.33	1/4	3,387.07	1/4	3,020.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,768.33	1/2	4,442.68	1/2	4,105.41	1/2	3,745.70	1/2	3,379.44	1/2	3,013.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,760.87	3/4	4,435.92	3/4	4,098.12	3/4	3,738.07	3/4	3,371.81	3/4	3,005.56
<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>	4,753.40	<b>9</b>	4,429.16	<b>9</b>	4,090.83	<b>9</b>	3,730.44	<b>9</b>	3,364.18	<b>9</b>	2,997.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,745.85	1/4	4,422.37	1/4	4,083.51	1/4	3,722.81	1/4	3,356.55	1/4	2,990.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,738.31	1/2	4,415.58	1/2	4,076.18	1/2	3,715.18	1/2	3,348.92	1/2	2,982.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,730.76	3/4	4,408.78	3/4	4,068.86	3/4	3,707.54	3/4	3,341.29	3/4	2,975.04
<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>	4,723.21	<b>10</b>	4,401.99	<b>10</b>	4,061.53	<b>10</b>	3,699.91	<b>10</b>	3,333.66	<b>10</b>	2,967.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,715.95	1/4	4,395.16	1/4	4,054.18	1/4	3,692.28	1/4	3,326.03	1/4	2,959.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,708.68	1/2	4,388.33	1/2	4,046.82	1/2	3,684.65	1/2	3,318.40	1/2	2,952.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,701.41	3/4	4,381.49	3/4	4,039.46	3/4	3,677.02	3/4	3,310.77	3/4	2,944.52
<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>	4,694.15	<b>11</b>	4,374.66	<b>11</b>	4,032.11	<b>11</b>	3,669.39	<b>11</b>	3,303.14	<b>11</b>	2,936.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,687.43	1/4	4,367.79	1/4	4,024.71	1/4	3,661.76	1/4	3,295.51	1/4	2,929.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,680.71	1/2	4,360.93	1/2	4,017.32	1/2	3,654.13	1/2	3,287.88	1/2	2,921.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,673.99	3/4	4,354.06	3/4	4,009.93	3/4	3,646.50	3/4	3,280.25	3/4	2,913.99

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 57'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27764"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02"

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	2,540.11	0	2,173.85	0	1,807.59	0	1,441.38	0	1,075.97	0	710.53	0	355.12	0	39.83	0		0	
1/4	2,532.48	1/4	2,166.22	1/4	1,799.96	1/4	1,433.78	1/4	1,068.37	1/4	702.90	1/4	347.93	1/4	34.33	1/4		1/4	
1/2	2,524.85	1/2	2,158.59	1/2	1,792.33	1/2	1,426.17	1/2	1,060.76	1/2	695.27	1/2	340.75	1/2	28.83	1/2		1/2	
3/4	2,517.22	3/4	2,150.96	3/4	1,784.70	3/4	1,418.57	3/4	1,053.16	3/4	687.64	3/4	333.56	3/4	23.32	3/4		3/4	
1	2,509.59	1	2,143.33	1	1,777.07	1	1,410.97	1	1,045.56	1	680.01	1	326.38	1	17.82	1		1	
1/4	2,501.96	1/4	2,135.70	1/4	1,769.44	1/4	1,403.36	1/4	1,037.96	1/4	672.38	1/4	319.26	1/4	14.26	1/4		1/4	
1/2	2,494.33	1/2	2,128.07	1/2	1,761.81	1/2	1,395.76	1/2	1,030.36	1/2	664.75	1/2	312.15	1/2	10.70	1/2		1/2	
3/4	2,486.70	3/4	2,120.44	3/4	1,754.18	3/4	1,388.16	3/4	1,022.75	3/4	657.12	3/4	305.04	3/4	7.15	3/4		3/4	
2	2,479.07	2	2,112.81	2	1,746.55	2	1,380.55	2	1,015.15	2	649.48	2	297.92	2	3.59	2		2	
1/4	2,471.44	1/4	2,105.18	1/4	1,738.92	1/4	1,372.95	1/4	1,007.55	1/4	641.85	1/4	290.88	1/4		1/4		1/4	
1/2	2,463.81	1/2	2,097.55	1/2	1,731.29	1/2	1,365.35	1/2	999.95	1/2	634.22	1/2	283.85	1/2		1/2		1/2	
3/4	2,456.18	3/4	2,089.92	3/4	1,723.66	3/4	1,357.74	3/4	992.34	3/4	626.59	3/4	276.81	3/4		3/4		3/4	
3	2,448.55	3	2,082.29	3	1,716.02	3	1,350.14	3	984.74	3	618.96	3	269.77	3		3		3	
1/4	2,440.92	1/4	2,074.66	1/4	1,708.39	1/4	1,342.54	1/4	977.14	1/4	611.33	1/4	262.82	1/4		1/4		1/4	
1/2	2,433.28	1/2	2,067.03	1/2	1,700.76	1/2	1,334.93	1/2	969.54	1/2	603.70	1/2	255.87	1/2		1/2		1/2	
3/4	2,425.65	3/4	2,059.40	3/4	1,693.13	3/4	1,327.33	3/4	961.94	3/4	596.07	3/4	248.92	3/4		3/4		3/4	
4	2,418.02	4	2,051.77	4	1,685.50	4	1,319.73	4	954.33	4	588.44	4	241.97	4		4		4	
1/4	2,410.39	1/4	2,044.14	1/4	1,677.87	1/4	1,312.12	1/4	946.73	1/4	580.80	1/4	235.10	1/4		1/4		1/4	
1/2	2,402.76	1/2	2,036.51	1/2	1,670.24	1/2	1,304.52	1/2	939.13	1/2	573.17	1/2	228.23	1/2		1/2		1/2	
3/4	2,395.13	3/4	2,028.88	3/4	1,662.61	3/4	1,296.91	3/4	931.53	3/4	565.54	3/4	221.36	3/4		3/4		3/4	
5	2,387.50	5	2,021.25	5	1,654.98	5	1,289.31	5	923.93	5	557.91	5	214.50	5		5		5	
1/4	2,379.87	1/4	2,013.62	1/4	1,647.35	1/4	1,281.69	1/4	916.32	1/4	550.28	1/4	207.72	1/4		1/4		1/4	
1/2	2,372.24	1/2	2,005.99	1/2	1,639.72	1/2	1,274.08	1/2	908.72	1/2	542.65	1/2	200.95	1/2		1/2		1/2	
3/4	2,364.61	3/4	1,998.36	3/4	1,632.09	3/4	1,266.46	3/4	901.12	3/4	535.02	3/4	194.17	3/4		3/4		3/4	
6	2,356.98	6	1,990.73	6	1,624.46	6	1,258.84	6	893.52	6	527.39	6	187.40	6		6		6	
1/4	2,349.35	1/4	1,983.10	1/4	1,616.83	1/4	1,251.21	1/4	885.91	1/4	519.98	1/4	180.72	1/4		1/4		1/4	
1/2	2,341.72	1/2	1,975.47	1/2	1,609.20	1/2	1,243.58	1/2	878.31	1/2	512.57	1/2	174.04	1/2		1/2		1/2	
3/4	2,334.09	3/4	1,967.83	3/4	1,601.57	3/4	1,235.95	3/4	870.71	3/4	505.16	3/4	167.37	3/4		3/4		3/4	
7	2,326.46	7	1,960.20	7	1,593.94	7	1,228.32	7	863.10	7	497.76	7	160.69	7		7		7	
1/4	2,318.83	1/4	1,952.57	1/4	1,586.30	1/4	1,220.68	1/4	855.48	1/4	490.82	1/4	154.11	1/4		1/4		1/4	
1/2	2,311.20	1/2	1,944.94	1/2	1,578.67	1/2	1,213.05	1/2	847.86	1/2	483.88	1/2	147.53	1/2		1/2		1/2	
3/4	2,303.57	3/4	1,937.31	3/4	1,571.04	3/4	1,205.42	3/4	840.25	3/4	476.94	3/4	140.95	3/4		3/4		3/4	
8	2,295.94	8	1,929.68	8	1,563.41	8	1,197.79	8	832.63	8	470.00	8	134.37	8		8		8	
1/4	2,288.31	1/4	1,922.05	1/4	1,555.78	1/4	1,190.16	1/4	825.00	1/4	463.13	1/4	128.10	1/4		1/4		1/4	
1/2	2,280.68	1/2	1,914.42	1/2	1,548.15	1/2	1,182.53	1/2	817.37	1/2	456.25	1/2	121.82	1/2		1/2		1/2	
3/4	2,273.05	3/4	1,906.79	3/4	1,540.52	3/4	1,174.90	3/4	809.74	3/4	449.38	3/4	115.55	3/4		3/4		3/4	
9	2,265.42	9	1,899.16	9	1,532.89	9	1,167.27	9	802.10	9	442.50	9	109.28	9		9		9	
1/4	2,257.79	1/4	1,891.53	1/4	1,525.26	1/4	1,159.65	1/4	794.47	1/4	435.27	1/4	103.53	1/4		1/4		1/4	
1/2	2,250.16	1/2	1,883.90	1/2	1,517.63	1/2	1,152.03	1/2	786.84	1/2	428.04	1/2	97.79	1/2		1/2		1/2	
3/4	2,242.53	3/4	1,876.27	3/4	1,510.00	3/4	1,144.41	3/4	779.21	3/4	420.81	3/4	92.05	3/4		3/4		3/4	
10	2,234.90	10	1,868.64	10	1,502.37	10	1,136.79	10	771.58	10	413.58	10	86.31	10		10		10	
1/4	2,227.27	1/4	1,861.01	1/4	1,494.74	1/4	1,129.19	1/4	763.95	1/4	406.23	1/4	80.66	1/4		1/4		1/4	
1/2	2,219.64	1/2	1,853.38	1/2	1,487.11	1/2	1,121.58	1/2	756.32	1/2	398.87	1/2	75.02	1/2		1/2		1/2	
3/4	2,212.01	3/4	1,845.74	3/4	1,479.48	3/4	1,113.98	3/4	748.69	3/4	391.52	3/4	69.37	3/4		3/4		3/4	
11	2,204.38	11	1,838.11	11	1,471.85	11	1,106.38	11	741.06	11	384.17	11	63.73	11		11		11	
1/4	2,196.75	1/4	1,830.48	1/4	1,464.23	1/4	1,098.77	1/4	733.43	1/4	376.90	1/4	57.75	1/4		1/4		1/4	
1/2	2,189.12	1/2	1,822.85	1/2	1,456.61	1/2	1,091.17	1/2	725.79	1/2	369.64	1/2	51.78	1/2		1/2		1/2	
3/4	2,181.49	3/4	1,815.22	3/4	1,449.00	3/4	1,083.57	3/4	718.16	3/4	362.38	3/4	45.81	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2009 CL - SW  
CALCULATED: 03/12/2009 CL  
PRINTED: 03/12/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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



# BARGE "KIRBY 27764"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

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	4,716.81	0	0	4,399.16	0	0	4,059.53	0	0	3,699.65	0	0	3,335.95	0	0	2,972.26	0						
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,709.60	1/4	1/4	4,392.38	1/4	1/4	4,052.22	1/4	1/4	3,692.07	1/4	1/4	3,328.38	1/4	1/4	2,964.68	1/4						
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,702.93	1/2	1/2	4,385.56	1/2	1/2	4,044.88	1/2	1/2	3,684.50	1/2	1/2	3,320.80	1/2	1/2	2,957.10	1/2						
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,696.26	3/4	3/4	4,378.74	3/4	3/4	4,037.54	3/4	3/4	3,676.92	3/4	3/4	3,313.22	3/4	3/4	2,949.53	3/4						
1		1	1		1	1		1	1		1	1	4,689.59	1	1	4,371.92	1	1	4,030.20	1	1	3,669.34	1	1	3,305.65	1	1	2,941.95	1						
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,682.92	1/4	1/4	4,365.10	1/4	1/4	4,022.86	1/4	1/4	3,661.76	1/4	1/4	3,298.07	1/4	1/4	2,934.37	1/4						
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,676.50	1/2	1/2	4,358.24	1/2	1/2	4,015.49	1/2	1/2	3,654.19	1/2	1/2	3,290.49	1/2	1/2	2,926.80	1/2						
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,670.08	3/4	3/4	4,351.39	3/4	3/4	4,008.11	3/4	3/4	3,646.61	3/4	3/4	3,282.91	3/4	3/4	2,919.22	3/4						
2		2	2		2	2		2	2		2	2	4,663.66	2	2	4,344.53	2	2	4,000.73	2	2	3,639.03	2	2	3,275.34	2	2	2,911.64	2						
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,657.23	1/4	1/4	4,337.67	1/4	1/4	3,993.35	1/4	1/4	3,631.46	1/4	1/4	3,267.76	1/4	1/4	2,904.06	1/4						
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,650.78	1/2	1/2	4,330.76	1/2	1/2	3,985.94	1/2	1/2	3,623.88	1/2	1/2	3,260.18	1/2	1/2	2,896.49	1/2						
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,644.32	3/4	3/4	4,323.84	3/4	3/4	3,978.52	3/4	3/4	3,616.30	3/4	3/4	3,252.61	3/4	3/4	2,888.91	3/4						
3		3	3		3	3		3	3		3	3	4,637.86	3	3	4,316.93	3	3	3,971.11	3	3	3,608.73	3	3	3,245.03	3	3	2,881.33	3						
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,631.40	1/4	1/4	4,310.01	1/4	1/4	3,963.69	1/4	1/4	3,601.15	1/4	1/4	3,237.45	1/4	1/4	2,873.76	1/4						
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,624.91	1/2	1/2	4,303.02	1/2	1/2	3,956.24	1/2	1/2	3,593.57	1/2	1/2	3,229.88	1/2	1/2	2,866.18	1/2						
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,618.41	3/4	3/4	4,296.02	3/4	3/4	3,948.79	3/4	3/4	3,585.99	3/4	3/4	3,222.30	3/4	3/4	2,858.60	3/4						
4		4	4		4	4		4	4		4	4	4,611.92	4	4	4,289.03	4	4	3,941.34	4	4	3,578.42	4	4	3,214.72	4	4	2,851.03	4						
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,605.42	1/4	1/4	4,282.03	1/4	1/4	3,933.89	1/4	1/4	3,570.84	1/4	1/4	3,207.14	1/4	1/4	2,843.45	1/4						
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,598.89	1/2	1/2	4,274.98	1/2	1/2	3,926.40	1/2	1/2	3,563.26	1/2	1/2	3,199.57	1/2	1/2	2,835.87	1/2						
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,592.36	3/4	3/4	4,267.93	3/4	3/4	3,918.91	3/4	3/4	3,555.69	3/4	3/4	3,191.99	3/4	3/4	2,828.29	3/4						
5		5	5		5	5		5	5		5	5	4,585.82	5	5	4,260.87	5	5	3,911.42	5	5	3,548.11	5	5	3,184.41	5	5	2,820.72	5						
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,579.29	1/4	1/4	4,253.82	1/4	1/4	3,903.93	1/4	1/4	3,540.53	1/4	1/4	3,176.84	1/4	1/4	2,813.14	1/4						
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,572.72	1/2	1/2	4,246.73	1/2	1/2	3,896.41	1/2	1/2	3,532.96	1/2	1/2	3,169.26	1/2	1/2	2,805.56	1/2						
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,566.15	3/4	3/4	4,239.64	3/4	3/4	3,888.88	3/4	3/4	3,525.38	3/4	3/4	3,161.68	3/4	3/4	2,797.99	3/4						
6		6	6		6	6		6	6		6	6	4,559.58	6	6	4,232.55	6	6	3,881.35	6	6	3,517.80	6	6	3,154.11	6	6	2,790.41	6						
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,553.01	1/4	1/4	4,225.46	1/4	1/4	3,873.83	1/4	1/4	3,510.22	1/4	1/4	3,146.53	1/4	1/4	2,782.83	1/4						
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,546.41	1/2	1/2	4,218.33	1/2	1/2	3,866.27	1/2	1/2	3,502.65	1/2	1/2	3,138.95	1/2	1/2	2,775.26	1/2						
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,539.80	3/4	3/4	4,211.21	3/4	3/4	3,858.71	3/4	3/4	3,495.07	3/4	3/4	3,131.37	3/4	3/4	2,767.68	3/4						
7		7	7		7	7		7	7		7	7	4,533.20	7	7	4,204.08	7	7	3,851.16	7	7	3,487.49	7	7	3,123.80	7	7	2,760.10	7						
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,526.59	1/4	1/4	4,196.95	1/4	1/4	3,843.60	1/4	1/4	3,479.92	1/4	1/4	3,116.22	1/4	1/4	2,752.52	1/4						
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,519.95	1/2	1/2	4,189.79	1/2	1/2	3,836.03	1/2	1/2	3,472.34	1/2	1/2	3,108.64	1/2	1/2	2,744.95	1/2						
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,513.31	3/4	3/4	4,182.62	3/4	3/4	3,828.45	3/4	3/4	3,464.76	3/4	3/4	3,101.07	3/4	3/4	2,737.37	3/4						
8		8	8		8	8		8	8		8	8	4,506.66	8	8	4,175.46	8	8	3,820.88	8	8	3,457.19	8	8	3,093.49	8	8	2,729.79	8						
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,825.21	1/4	1/4	4,500.02	1/4	1/4	4,168.30	1/4	1/4	3,813.31	1/4	1/4	3,449.61	1/4	1/4	2,722.22	1/4						
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,818.43	1/2	1/2	4,493.35	1/2	1/2	4,161.10	1/2	1/2	3,805.73	1/2	1/2	3,442.03	1/2	1/2	3,078.34	1/2	1/2	2,714.64	1/2			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,811.65	3/4	3/4	4,486.68	3/4	3/4	4,153.89	3/4	3/4	3,798.15	3/4	3/4	3,434.45	3/4	3/4	3,070.76	3/4	3/4	2,707.06	3/4			
9		9	9		9	9		9	9		9	9	4,804.87	9	9	4,480.00	9	9	4,146.69	9	9	3,790.57	9	9	3,426.88	9	9	3,063.18	9	9	2,699.49	9			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,798.09	1/4	1/4	4,473.33	1/4	1/4	4,139.49	1/4	1/4	3,783.00	1/4	1/4	3,419.30	1/4	1/4	3,055.60	1/4	1/4	2,691.91	1/4			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,790.67	1/2	1/2	4,466.62	1/2	1/2	4,132.25	1/2	1/2	3,775.42	1/2	1/2	3,411.72	1/2	1/2	3,048.03	1/2	1/2	2,684.33	1/2			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,783.26	3/4	3/4	4,459.91	3/4	3/4	4,125.02	3/4	3/4	3,767.84	3/4	3/4	3,404.15	3/4	3/4	3,040.45	3/4	3/4	2,676.75	3/4			
10		10	10		10	10		10	10		10	10	4,775.84	10	10	4,453.20	10	10	4,117.78	10	10	3,760.27	10	10	3,396.57	10	10	3,032.87	10	10	2,669.18	10			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,768.43	1/4	1/4	4,446.49	1/4	1/4	4,110.54	1/4	1/4	3,752.69	1/4	1/4	3,388.99	1/4	1/4	3,025.30	1/4	1/4	2,661.60	1/4			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2																								



# BARGE "KIRBY 27764"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,608.56	0	2,244.87	0	1,881.17	0	1,517.70	0	1,160.47	0	810.69	0	454.22	0	97.00	0		0	
1/4	2,600.98	1/4	2,237.29	1/4	1,873.59	1/4	1,510.21	1/4	1,153.22	1/4	803.11	1/4	446.66	1/4	90.13	1/4		1/4	
1/2	2,593.41	1/2	2,229.71	1/2	1,866.01	1/2	1,502.79	1/2	1,145.97	1/2	795.53	1/2	439.12	1/2	82.85	1/2		1/2	
3/4	2,585.83	3/4	2,222.13	3/4	1,858.44	3/4	1,495.38	3/4	1,138.72	3/4	787.96	3/4	431.57	3/4	75.58	3/4		3/4	
1	2,578.25	1	2,214.56	1	1,850.86	1	1,487.96	1	1,131.47	1	780.38	1	424.02	1	68.30	1		1	
1/4	2,570.68	1/4	2,206.98	1/4	1,843.28	1/4	1,480.55	1/4	1,124.23	1/4	772.80	1/4	416.47	1/4	61.02	1/4		1/4	
1/2	2,563.10	1/2	2,199.40	1/2	1,835.71	1/2	1,473.13	1/2	1,116.98	1/2	765.22	1/2	408.92	1/2	54.13	1/2		1/2	
3/4	2,555.52	3/4	2,191.83	3/4	1,828.13	3/4	1,465.71	3/4	1,109.73	3/4	757.65	3/4	401.36	3/4	47.23	3/4		3/4	
2	2,547.95	2	2,184.25	2	1,820.55	2	1,458.30	2	1,102.48	2	750.07	2	393.81	2	40.34	2		2	
1/4	2,540.37	1/4	2,176.67	1/4	1,812.97	1/4	1,450.88	1/4	1,095.24	1/4	742.49	1/4	386.25	1/4	33.44	1/4		1/4	
1/2	2,532.79	1/2	2,169.10	1/2	1,805.40	1/2	1,443.47	1/2	1,087.99	1/2	734.91	1/2	378.68	1/2	28.39	1/2		1/2	
3/4	2,525.21	3/4	2,161.52	3/4	1,797.82	3/4	1,436.05	3/4	1,080.74	3/4	727.34	3/4	371.11	3/4	23.34	3/4		3/4	
3	2,517.64	3	2,153.94	3	1,790.24	3	1,428.64	3	1,073.49	3	719.76	3	363.54	3	18.29	3		3	
1/4	2,510.06	1/4	2,146.36	1/4	1,782.66	1/4	1,421.22	1/4	1,066.25	1/4	712.18	1/4	355.97	1/4	13.25	1/4		1/4	
1/2	2,502.48	1/2	2,138.79	1/2	1,775.09	1/2	1,413.81	1/2	1,059.00	1/2	704.60	1/2	348.40	1/2		1/2		1/2	
3/4	2,494.91	3/4	2,131.21	3/4	1,767.51	3/4	1,406.39	3/4	1,051.75	3/4	697.03	3/4	340.82	3/4		3/4		3/4	
4	2,487.33	4	2,123.63	4	1,759.93	4	1,398.98	4	1,044.50	4	689.45	4	333.24	4		4		4	
1/4	2,479.75	1/4	2,116.06	1/4	1,752.36	1/4	1,391.56	1/4	1,037.26	1/4	681.87	1/4	325.67	1/4		1/4		1/4	
1/2	2,472.18	1/2	2,108.48	1/2	1,744.78	1/2	1,384.15	1/2	1,030.01	1/2	674.29	1/2	318.09	1/2		1/2		1/2	
3/4	2,464.60	3/4	2,100.90	3/4	1,737.20	3/4	1,376.73	3/4	1,022.76	3/4	666.72	3/4	310.51	3/4		3/4		3/4	
5	2,457.02	5	2,093.33	5	1,729.62	5	1,369.31	5	1,015.51	5	659.14	5	302.94	5		5		5	
1/4	2,449.44	1/4	2,085.75	1/4	1,722.05	1/4	1,361.90	1/4	1,008.27	1/4	651.56	1/4	295.36	1/4		1/4		1/4	
1/2	2,441.87	1/2	2,078.17	1/2	1,714.47	1/2	1,354.40	1/2	1,001.02	1/2	643.98	1/2	287.78	1/2		1/2		1/2	
3/4	2,434.29	3/4	2,070.59	3/4	1,706.89	3/4	1,346.90	3/4	993.77	3/4	636.40	3/4	280.21	3/4		3/4		3/4	
6	2,426.71	6	2,063.02	6	1,699.31	6	1,339.41	6	986.52	6	628.83	6	272.63	6		6		6	
1/4	2,419.14	1/4	2,055.44	1/4	1,691.74	1/4	1,331.91	1/4	979.28	1/4	621.25	1/4	265.05	1/4		1/4		1/4	
1/2	2,411.56	1/2	2,047.86	1/2	1,684.16	1/2	1,324.33	1/2	972.03	1/2	613.67	1/2	257.48	1/2		1/2		1/2	
3/4	2,403.98	3/4	2,040.29	3/4	1,676.58	3/4	1,316.76	3/4	964.78	3/4	606.09	3/4	249.91	3/4		3/4		3/4	
7	2,396.41	7	2,032.71	7	1,669.01	7	1,309.18	7	957.53	7	598.51	7	242.34	7		7		7	
1/4	2,388.83	1/4	2,025.13	1/4	1,661.43	1/4	1,301.60	1/4	950.29	1/4	590.94	1/4	234.77	1/4		1/4		1/4	
1/2	2,381.25	1/2	2,017.56	1/2	1,653.85	1/2	1,294.02	1/2	943.04	1/2	583.58	1/2	227.22	1/2		1/2		1/2	
3/4	2,373.67	3/4	2,009.98	3/4	1,646.27	3/4	1,286.44	3/4	935.79	3/4	576.23	3/4	219.66	3/4		3/4		3/4	
8	2,366.10	8	2,002.40	8	1,638.70	8	1,278.87	8	928.54	8	568.87	8	212.11	8		8		8	
1/4	2,358.52	1/4	1,994.83	1/4	1,631.12	1/4	1,271.29	1/4	921.29	1/4	561.52	1/4	204.56	1/4		1/4		1/4	
1/2	2,350.94	1/2	1,987.25	1/2	1,623.54	1/2	1,263.71	1/2	914.03	1/2	554.61	1/2	197.01	1/2		1/2		1/2	
3/4	2,343.37	3/4	1,979.67	3/4	1,615.96	3/4	1,256.13	3/4	906.76	3/4	547.71	3/4	189.47	3/4		3/4		3/4	
9	2,335.79	9	1,972.10	9	1,608.39	9	1,248.55	9	899.50	9	540.80	9	181.92	9		9		9	
1/4	2,328.21	1/4	1,964.52	1/4	1,600.81	1/4	1,240.98	1/4	892.23	1/4	533.89	1/4	174.38	1/4		1/4		1/4	
1/2	2,320.64	1/2	1,956.94	1/2	1,593.23	1/2	1,233.55	1/2	884.96	1/2	526.99	1/2	167.05	1/2		1/2		1/2	
3/4	2,313.06	3/4	1,949.37	3/4	1,585.65	3/4	1,226.12	3/4	877.68	3/4	520.08	3/4	159.73	3/4		3/4		3/4	
10	2,305.48	10	1,941.79	10	1,578.08	10	1,218.69	10	870.41	10	513.18	10	152.41	10		10		10	
1/4	2,297.90	1/4	1,934.21	1/4	1,570.50	1/4	1,211.27	1/4	863.13	1/4	506.27	1/4	145.09	1/4		1/4		1/4	
1/2	2,290.33	1/2	1,926.63	1/2	1,562.92	1/2	1,204.00	1/2	855.70	1/2	498.92	1/2	138.21	1/2		1/2		1/2	
3/4	2,282.75	3/4	1,919.06	3/4	1,555.35	3/4	1,196.74	3/4	848.28	3/4	491.58	3/4	131.34	3/4		3/4		3/4	
11	2,275.17	11	1,911.48	11	1,547.77	11	1,189.48	11	840.85	11	484.23	11	124.46	11		11		11	
1/4	2,267.60	1/4	1,903.90	1/4	1,540.19	1/4	1,182.21	1/4	833.42	1/4	476.88	1/4	117.59	1/4		1/4		1/4	
1/2	2,260.02	1/2	1,896.32	1/2	1,532.69	1/2	1,174.96	1/2	825.84	1/2	469.33	1/2	110.72	1/2		1/2		1/2	
3/4	2,252.44	3/4	1,888.75	3/4	1,525.20	3/4	1,167.71	3/4	818.27	3/4	461.77	3/4	103.86	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2009 CL - SW  
CALCULATED: 03/12/2009 CL  
PRINTED: 03/12/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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



# BARGE "KIRBY 27764"

## 2 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			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0			0			0			0			0	4,718.60	0	0	4,401.22	0	0	4,060.55	0	0	3,700.16	0	0	3,336.47	0	0	2,972.77				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,711.92	1/4	1/4	4,394.40	1/4	1/4	4,053.21	1/4	1/4	3,692.58	1/4	1/4	3,328.89	1/4	1/4	2,965.19				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,705.25	1/2	1/2	4,387.58	1/2	1/2	4,045.87	1/2	1/2	3,685.01	1/2	1/2	3,321.31	1/2	1/2	2,957.62				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,698.58	3/4	3/4	4,380.77	3/4	3/4	4,038.53	3/4	3/4	3,677.43	3/4	3/4	3,313.73	3/4	3/4	2,950.04				
1		1	1		1	1		1	1		1	1	4,692.16	1	1	4,373.91	1	1	4,031.15	1	1	3,669.85	1	1	3,306.16	1	1	2,942.46				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,685.74	1/4	1/4	4,367.05	1/4	1/4	4,023.77	1/4	1/4	3,662.28	1/4	1/4	3,298.58	1/4	1/4	2,934.88				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,679.32	1/2	1/2	4,360.19	1/2	1/2	4,016.40	1/2	1/2	3,654.70	1/2	1/2	3,291.00	1/2	1/2	2,927.31				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,672.90	3/4	3/4	4,353.34	3/4	3/4	4,009.02	3/4	3/4	3,647.12	3/4	3/4	3,283.43	3/4	3/4	2,919.73				
2		2	2		2	2		2	2		2	2	4,666.44	2	2	4,346.42	2	2	4,001.60	2	2	3,639.55	2	2	3,275.85	2	2	2,912.15				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,659.98	1/4	1/4	4,339.51	1/4	1/4	3,994.19	1/4	1/4	3,631.97	1/4	1/4	3,268.27	1/4	1/4	2,904.58				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,653.53	1/2	1/2	4,332.59	1/2	1/2	3,986.77	1/2	1/2	3,624.39	1/2	1/2	3,260.70	1/2	1/2	2,897.00				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,647.07	3/4	3/4	4,325.68	3/4	3/4	3,979.36	3/4	3/4	3,616.81	3/4	3/4	3,253.12	3/4	3/4	2,889.42				
3		3	3		3	3		3	3		3	3	4,640.57	3	3	4,318.68	3	3	3,971.91	3	3	3,609.24	3	3	3,245.54	3	3	2,881.85				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,634.08	1/4	1/4	4,311.69	1/4	1/4	3,964.46	1/4	1/4	3,601.66	1/4	1/4	3,237.96	1/4	1/4	2,874.27				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,627.58	1/2	1/2	4,304.69	1/2	1/2	3,957.00	1/2	1/2	3,594.08	1/2	1/2	3,230.39	1/2	1/2	2,866.69				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,621.09	3/4	3/4	4,297.70	3/4	3/4	3,949.55	3/4	3/4	3,586.51	3/4	3/4	3,222.81	3/4	3/4	2,859.11				
4		4	4		4	4		4	4		4	4	4,614.55	4	4	4,290.65	4	4	3,942.06	4	4	3,578.93	4	4	3,215.23	4	4	2,851.54				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,608.02	1/4	1/4	4,283.59	1/4	1/4	3,934.58	1/4	1/4	3,571.35	1/4	1/4	3,207.66	1/4	1/4	2,843.96				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,601.49	1/2	1/2	4,276.54	1/2	1/2	3,927.09	1/2	1/2	3,563.78	1/2	1/2	3,200.08	1/2	1/2	2,836.38				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,594.96	3/4	3/4	4,269.49	3/4	3/4	3,919.60	3/4	3/4	3,556.20	3/4	3/4	3,192.50	3/4	3/4	2,828.81				
5		5	5		5	5		5	5		5	5	4,588.39	5	5	4,262.40	5	5	3,912.07	5	5	3,548.62	5	5	3,184.93	5	5	2,821.23				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,581.82	1/4	1/4	4,255.31	1/4	1/4	3,904.55	1/4	1/4	3,541.04	1/4	1/4	3,177.35	1/4	1/4	2,813.65				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,575.25	1/2	1/2	4,248.22	1/2	1/2	3,897.02	1/2	1/2	3,533.47	1/2	1/2	3,169.77	1/2	1/2	2,806.08				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,568.68	3/4	3/4	4,241.13	3/4	3/4	3,889.49	3/4	3/4	3,525.89	3/4	3/4	3,162.19	3/4	3/4	2,798.50				
6		6	6		6	6		6	6		6	6	4,562.07	6	6	4,234.00	6	6	3,881.94	6	6	3,518.31	6	6	3,154.62	6	6	2,790.92				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,555.47	1/4	1/4	4,226.87	1/4	1/4	3,874.38	1/4	1/4	3,510.74	1/4	1/4	3,147.04	1/4	1/4	2,783.34				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,548.86	1/2	1/2	4,219.75	1/2	1/2	3,866.82	1/2	1/2	3,503.16	1/2	1/2	3,139.46	1/2	1/2	2,775.77				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,542.25	3/4	3/4	4,212.62	3/4	3/4	3,859.26	3/4	3/4	3,495.58	3/4	3/4	3,131.89	3/4	3/4	2,768.19				
7		7	7		7	7		7	7		7	7	4,535.61	7	7	4,205.45	7	7	3,851.69	7	7	3,488.01	7	7	3,124.31	7	7	2,760.61				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,528.97	1/4	1/4	4,198.29	1/4	1/4	3,844.12	1/4	1/4	3,480.43	1/4	1/4	3,116.73	1/4	1/4	2,753.04				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,522.33	1/2	1/2	4,191.13	1/2	1/2	3,836.54	1/2	1/2	3,472.85	1/2	1/2	3,109.16	1/2	1/2	2,745.46				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,840.88	3/4	3/4	4,515.69	3/4	3/4	4,183.96	3/4	3/4	3,828.97	3/4	3/4	3,465.27	3/4	3/4	2,737.88				
8		8	8		8	8		8	8		8	8	4,834.10	8	8	4,509.01	8	8	4,176.76	8	8	3,821.39	8	8	3,457.70	8	8	2,730.31				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,827.32	1/4	1/4	4,502.34	1/4	1/4	4,169.56	1/4	1/4	3,813.82	1/4	1/4	3,450.12	1/4	1/4	2,722.73				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,820.53	1/2	1/2	4,495.67	1/2	1/2	4,162.36	1/2	1/2	3,806.24	1/2	1/2	3,442.54	1/2	1/2	2,715.15				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,813.75	3/4	3/4	4,488.99	3/4	3/4	4,155.16	3/4	3/4	3,798.66	3/4	3/4	3,434.97	3/4	3/4	2,707.57				
9		9	9		9	9		9	9		9	9	4,806.34	9	9	4,482.28	9	9	4,147.92	9	9	3,791.09	9	9	3,427.39	9	9	2,700.00				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,798.92	1/4	1/4	4,475.58	1/4	1/4	4,140.68	1/4	1/4	3,783.51	1/4	1/4	3,419.81	1/4	1/4	2,692.42				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,791.51	1/2	1/2	4,468.87	1/2	1/2	4,133.44	1/2	1/2	3,775.93	1/2	1/2	3,412.24	1/2	1/2	2,684.84				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,784.10	3/4	3/4	4,462.16	3/4	3/4	4,126.20	3/4	3/4	3,768.35	3/4	3/4	3,404.66	3/4	3/4	2,677.27				
10		10	10		10	10		10	10		10	10	4,776.60	10	10	4,455.41	10	10	4,118.93	10	10	3,760.78	10	10	3,397.08	10	10	2,669.69				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,769.11	1/4	1/4	4,448.67	1/4	1/4	4,111.66	1/4	1/4	3,753.20	1/4	1/4	3,389.50	1/4	1/4	2,662.11				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,761.62	1/2	1/2	4,441.92	1/2	1/2	4,104.39	1/2	1/2	3,745.62	1/2	1/2	3,381.93	1/2	1/2	2,654.54				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,754.13	3/4	3/4	4,435.18	3/4	3/4	4,097.11	3/4	3/4	3,738.05	3/4	3/4	3,374.35	3/4	3/4	2,646.96				
11		11	11		11	11		11	11		11	11	4,746.91	11																		



# BARGE "KIRBY 27764"

## 2 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	2,609.07	0	2,245.38	0	1,881.68	0	1,518.46	0	1,158.32	0	795.53	0	439.12	0	82.85	0		0	
1/4	2,601.50	1/4	2,237.80	1/4	1,874.10	1/4	1,511.04	1/4	1,150.77	1/4	787.96	1/4	431.57	1/4	75.58	1/4		1/4	
1/2	2,593.92	1/2	2,230.22	1/2	1,866.53	1/2	1,503.63	1/2	1,143.22	1/2	780.38	1/2	424.02	1/2	68.30	1/2		1/2	
3/4	2,586.34	3/4	2,222.65	3/4	1,858.95	3/4	1,496.21	3/4	1,135.67	3/4	772.80	3/4	416.47	3/4	61.02	3/4		3/4	
1	2,578.77	1	2,215.07	1	1,851.37	1	1,488.80	1	1,128.13	1	765.22	1	408.92	1	54.13	1		1	
1/4	2,571.19	1/4	2,207.49	1/4	1,843.79	1/4	1,481.38	1/4	1,120.58	1/4	757.65	1/4	401.36	1/4	47.23	1/4		1/4	
1/2	2,563.61	1/2	2,199.92	1/2	1,836.22	1/2	1,473.97	1/2	1,113.03	1/2	750.07	1/2	393.81	1/2	40.34	1/2		1/2	
3/4	2,556.03	3/4	2,192.34	3/4	1,828.64	3/4	1,466.55	3/4	1,105.48	3/4	742.49	3/4	386.25	3/4	33.44	3/4		3/4	
2	2,548.46	2	2,184.76	2	1,821.06	2	1,459.13	2	1,097.93	2	734.91	2	378.68	2	28.39	2		2	
1/4	2,540.88	1/4	2,177.18	1/4	1,813.48	1/4	1,451.72	1/4	1,090.38	1/4	727.34	1/4	371.11	1/4	23.34	1/4		1/4	
1/2	2,533.30	1/2	2,169.61	1/2	1,805.91	1/2	1,444.30	1/2	1,082.83	1/2	719.76	1/2	363.54	1/2	18.29	1/2		1/2	
3/4	2,525.73	3/4	2,162.03	3/4	1,798.33	3/4	1,436.89	3/4	1,075.28	3/4	712.18	3/4	355.97	3/4	13.25	3/4		3/4	
3	2,518.15	3	2,154.45	3	1,790.75	3	1,429.47	3	1,067.74	3	704.60	3	348.40	3		3		3	
1/4	2,510.57	1/4	2,146.88	1/4	1,783.18	1/4	1,422.06	1/4	1,060.19	1/4	697.03	1/4	340.82	1/4		1/4		1/4	
1/2	2,503.00	1/2	2,139.30	1/2	1,775.60	1/2	1,414.64	1/2	1,052.64	1/2	689.45	1/2	333.24	1/2		1/2		1/2	
3/4	2,495.42	3/4	2,131.72	3/4	1,768.02	3/4	1,407.23	3/4	1,045.09	3/4	681.87	3/4	325.67	3/4		3/4		3/4	
4	2,487.84	4	2,124.15	4	1,760.44	4	1,399.81	4	1,037.54	4	674.29	4	318.09	4		4		4	
1/4	2,480.26	1/4	2,116.57	1/4	1,752.87	1/4	1,392.40	1/4	1,029.99	1/4	666.72	1/4	310.51	1/4		1/4		1/4	
1/2	2,472.69	1/2	2,108.99	1/2	1,745.29	1/2	1,384.98	1/2	1,022.44	1/2	659.14	1/2	302.94	1/2		1/2		1/2	
3/4	2,465.11	3/4	2,101.41	3/4	1,737.71	3/4	1,377.56	3/4	1,014.89	3/4	651.56	3/4	295.36	3/4		3/4		3/4	
5	2,457.53	5	2,093.84	5	1,730.13	5	1,370.07	5	1,007.35	5	643.98	5	287.78	5		5		5	
1/4	2,449.96	1/4	2,086.26	1/4	1,722.56	1/4	1,362.57	1/4	999.80	1/4	636.40	1/4	280.21	1/4		1/4		1/4	
1/2	2,442.38	1/2	2,078.68	1/2	1,714.98	1/2	1,355.07	1/2	992.25	1/2	628.83	1/2	272.63	1/2		1/2		1/2	
3/4	2,434.80	3/4	2,071.11	3/4	1,707.40	3/4	1,347.58	3/4	984.70	3/4	621.25	3/4	265.05	3/4		3/4		3/4	
6	2,427.23	6	2,063.53	6	1,699.83	6	1,340.00	6	977.15	6	613.67	6	257.48	6		6		6	
1/4	2,419.65	1/4	2,055.95	1/4	1,692.25	1/4	1,332.42	1/4	969.60	1/4	606.09	1/4	249.91	1/4		1/4		1/4	
1/2	2,412.07	1/2	2,048.38	1/2	1,684.67	1/2	1,324.84	1/2	962.05	1/2	598.51	1/2	242.34	1/2		1/2		1/2	
3/4	2,404.49	3/4	2,040.80	3/4	1,677.09	3/4	1,317.27	3/4	954.50	3/4	590.94	3/4	234.77	3/4		3/4		3/4	
7	2,396.92	7	2,033.22	7	1,669.52	7	1,309.69	7	946.95	7	583.58	7	227.22	7		7		7	
1/4	2,389.34	1/4	2,025.65	1/4	1,661.94	1/4	1,302.11	1/4	939.40	1/4	576.23	1/4	219.66	1/4		1/4		1/4	
1/2	2,381.76	1/2	2,018.07	1/2	1,654.36	1/2	1,294.53	1/2	931.85	1/2	568.87	1/2	212.11	1/2		1/2		1/2	
3/4	2,374.19	3/4	2,010.49	3/4	1,646.78	3/4	1,286.95	3/4	924.30	3/4	561.52	3/4	204.56	3/4		3/4		3/4	
8	2,366.61	8	2,002.92	8	1,639.21	8	1,279.38	8	916.74	8	554.61	8	197.01	8		8		8	
1/4	2,359.03	1/4	1,995.34	1/4	1,631.63	1/4	1,271.80	1/4	909.17	1/4	547.71	1/4	189.47	1/4		1/4		1/4	
1/2	2,351.46	1/2	1,987.76	1/2	1,624.05	1/2	1,264.22	1/2	901.61	1/2	540.80	1/2	181.92	1/2		1/2		1/2	
3/4	2,343.88	3/4	1,980.19	3/4	1,616.47	3/4	1,256.64	3/4	894.04	3/4	533.89	3/4	174.38	3/4		3/4		3/4	
9	2,336.30	9	1,972.61	9	1,608.90	9	1,249.06	9	886.47	9	526.99	9	167.05	9		9		9	
1/4	2,328.72	1/4	1,965.03	1/4	1,601.32	1/4	1,241.49	1/4	878.89	1/4	520.08	1/4	159.73	1/4		1/4		1/4	
1/2	2,321.15	1/2	1,957.45	1/2	1,593.74	1/2	1,233.91	1/2	871.31	1/2	513.18	1/2	152.41	1/2		1/2		1/2	
3/4	2,313.57	3/4	1,949.88	3/4	1,586.17	3/4	1,226.33	3/4	863.73	3/4	506.27	3/4	145.09	3/4		3/4		3/4	
10	2,305.99	10	1,942.30	10	1,578.59	10	1,218.77	10	856.16	10	498.92	10	138.21	10		10		10	
1/4	2,298.42	1/4	1,934.72	1/4	1,571.01	1/4	1,211.20	1/4	848.58	1/4	491.58	1/4	131.34	1/4		1/4		1/4	
1/2	2,290.84	1/2	1,927.14	1/2	1,563.43	1/2	1,203.64	1/2	841.00	1/2	484.23	1/2	124.46	1/2		1/2		1/2	
3/4	2,283.26	3/4	1,919.57	3/4	1,555.86	3/4	1,196.07	3/4	833.42	3/4	476.88	3/4	117.59	3/4		3/4		3/4	
11	2,275.69	11	1,911.99	11	1,548.36	11	1,188.52	11	825.84	11	469.33	11	110.72	11		11		11	
1/4	2,268.11	1/4	1,904.41	1/4	1,540.86	1/4	1,180.97	1/4	818.27	1/4	461.77	1/4	103.86	1/4		1/4		1/4	
1/2	2,260.53	1/2	1,896.84	1/2	1,533.37	1/2	1,173.42	1/2	810.69	1/2	454.22	1/2	97.00	1/2		1/2		1/2	
3/4	2,252.95	3/4	1,889.26	3/4	1,525.87	3/4	1,165.87	3/4	803.11	3/4	446.66	3/4	90.13	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2009 CL - SW  
CALCULATED: 03/12/2009 CL  
PRINTED: 03/12/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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



# BARGE "KIRBY 27764"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 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	4,046.56	0	3,877.37	0	3,696.10	0	3,503.08	0	3,254.94	0	2,891.55		
1/4		1/4		1/4		1/4		1/4	4,042.73	1/4	3,873.77	1/4	3,692.18	1/4	3,499.01	1/4	3,247.35	1/4	2,883.99		
1/2		1/2		1/2		1/2		1/2	4,038.89	1/2	3,870.17	1/2	3,688.25	1/2	3,494.94	1/2	3,239.77	1/2	2,876.42		
3/4		3/4		3/4		3/4		3/4	4,035.06	3/4	3,866.56	3/4	3,684.33	3/4	3,490.87	3/4	3,232.18	3/4	2,868.86		
1		1		1		1		1	4,031.51	1	3,862.94	1	3,680.39	1	3,486.80	1	3,224.59	1	2,861.29		
1/4		1/4		1/4		1/4		1/4	4,027.97	1/4	3,859.32	1/4	3,676.44	1/4	3,482.73	1/4	3,217.00	1/4	2,853.72		
1/2		1/2		1/2		1/2		1/2	4,024.43	1/2	3,855.69	1/2	3,672.50	1/2	3,478.66	1/2	3,209.41	1/2	2,846.16		
3/4		3/4		3/4		3/4		3/4	4,020.88	3/4	3,852.07	3/4	3,668.56	3/4	3,474.59	3/4	3,201.82	3/4	2,838.59		
2		2		2		2		2	4,017.47	2	3,848.42	2	3,664.60	2	3,470.52	2	3,194.24	2	2,831.02		
1/4		1/4		1/4		1/4		1/4	4,014.06	1/4	3,844.78	1/4	3,660.63	1/4	3,466.45	1/4	3,186.67	1/4	2,823.46		
1/2		1/2		1/2		1/2		1/2	4,010.65	1/2	3,841.14	1/2	3,656.67	1/2	3,462.38	1/2	3,179.09	1/2	2,815.89		
3/4		3/4		3/4		3/4		3/4	4,007.24	3/4	3,837.49	3/4	3,652.71	3/4	3,458.31	3/4	3,171.51	3/4	2,808.32		
3		3		3		3		3	4,003.82	3	3,833.81	3	3,648.73	3	3,454.24	3	3,163.95	3	2,800.76		
1/4		1/4		1/4		1/4		1/4	4,000.39	1/4	3,830.12	1/4	3,644.74	1/4	3,450.17	1/4	3,156.38	1/4	2,793.19		
1/2		1/2		1/2		1/2		1/2	3,996.96	1/2	3,826.44	1/2	3,640.76	1/2	3,446.10	1/2	3,148.81	1/2	2,785.63		
3/4		3/4		3/4		3/4		3/4	3,993.53	3/4	3,822.75	3/4	3,636.78	3/4	3,442.03	3/4	3,141.25	3/4	2,778.06		
4		4		4		4		4	3,990.08	4	3,819.01	4	3,632.77	4	3,437.96	4	3,133.68	4	2,770.49		
1/4		1/4		1/4		1/4		1/4	3,986.63	1/4	3,815.26	1/4	3,628.77	1/4	3,433.89	1/4	3,126.11	1/4	2,762.93		
1/2		1/2		1/2		1/2		1/2	3,983.18	1/2	3,811.51	1/2	3,624.77	1/2	3,429.82	1/2	3,118.55	1/2	2,755.36		
3/4		3/4		3/4		3/4		3/4	3,979.73	3/4	3,807.77	3/4	3,620.77	3/4	3,425.75	3/4	3,110.98	3/4	2,747.79		
5		5		5		5		5	3,976.26	5	3,803.98	5	3,616.74	5	3,421.68	5	3,103.41	5	2,740.23		
1/4		1/4		1/4		1/4		1/4	3,972.79	1/4	3,800.19	1/4	3,612.72	1/4	3,417.61	1/4	3,095.85	1/4	2,732.66		
1/2		1/2		1/2		1/2		1/2	3,969.32	1/2	3,796.40	1/2	3,608.70	1/2	3,413.54	1/2	3,088.28	1/2	2,725.09		
3/4		3/4		3/4		3/4		3/4	3,965.85	3/4	3,792.61	3/4	3,604.68	3/4	3,409.47	3/4	3,080.71	3/4	2,717.53		
6		6		6		6		6	3,962.37	6	3,788.80	6	3,600.63	6	3,405.40	6	3,073.15	6	2,709.96		
1/4		1/4		1/4		1/4		1/4	3,958.88	1/4	3,785.00	1/4	3,596.59	1/4	3,401.33	1/4	3,065.58	1/4	2,702.39		
1/2		1/2		1/2		1/2		1/2	3,955.39	1/2	3,781.19	1/2	3,592.55	1/2	3,397.26	1/2	3,058.02	1/2	2,694.83		
3/4		3/4		3/4		3/4		3/4	3,951.90	3/4	3,777.38	3/4	3,588.51	3/4	3,393.19	3/4	3,050.45	3/4	2,687.26		
7		7		7		7		7	3,948.39	7	3,773.55	7	3,584.45	7	3,389.12	7	3,042.88	7	2,679.70		
1/4		1/4		1/4		1/4		1/4	3,944.88	1/4	3,769.72	1/4	3,580.39	1/4	3,385.05	1/4	3,035.32	1/4	2,672.13		
1/2		1/2		1/2		1/2		1/2	3,941.37	1/2	3,765.90	1/2	3,576.33	1/2	3,380.98	1/2	3,027.75	1/2	2,664.56		
3/4		3/4		3/4		3/4		3/4	3,937.86	3/4	3,762.07	3/4	3,572.27	3/4	3,376.91	3/4	3,020.18	3/4	2,657.00		
8		8		8		8		8	3,934.33	8	3,758.22	8	3,568.20	8	3,371.09	8	3,012.62	8	2,649.43		
1/4		1/4		1/4		1/4		1/4	3,930.81	1/4	3,754.37	1/4	3,564.13	1/4	3,365.26	1/4	3,005.05	1/4	2,641.86		
1/2		1/2		1/2		1/2		1/2	3,927.28	1/2	3,750.52	1/2	3,560.06	1/2	3,359.43	1/2	2,997.48	1/2	2,634.30		
3/4		3/4		3/4		3/4	4,095.06	3/4	3,923.75	3/4	3,746.68	3/4	3,555.99	3/4	3,353.60	3/4	2,989.92	3/4	2,626.73		
9		9		9		9		9	4,091.79	9	3,920.21	9	3,742.81	9	3,551.92	9	3,346.01	9	2,982.35	9	2,619.16
1/4		1/4		1/4		1/4		1/4	4,088.52	1/4	3,916.66	1/4	3,738.94	1/4	3,547.85	1/4	3,338.42	1/4	2,974.79	1/4	2,611.60
1/2		1/2		1/2		1/2		1/2	4,085.24	1/2	3,913.12	1/2	3,735.07	1/2	3,543.78	1/2	3,330.83	1/2	2,967.22	1/2	2,604.03
3/4		3/4		3/4		3/4		3/4	4,081.97	3/4	3,909.57	3/4	3,731.20	3/4	3,539.71	3/4	3,323.24	3/4	2,959.65	3/4	2,596.47
10		10		10		10		10	4,078.06	10	3,906.01	10	3,727.32	10	3,535.64	10	3,315.65	10	2,952.09	10	2,588.90
1/4		1/4		1/4		1/4		1/4	4,074.16	1/4	3,902.44	1/4	3,723.43	1/4	3,531.57	1/4	3,308.06	1/4	2,944.52	1/4	2,581.33
1/2		1/2		1/2		1/2		1/2	4,070.25	1/2	3,898.88	1/2	3,719.54	1/2	3,527.50	1/2	3,300.48	1/2	2,936.95	1/2	2,573.77
3/4		3/4		3/4		3/4		3/4	4,066.34	3/4	3,895.31	3/4	3,715.65	3/4	3,523.43	3/4	3,292.89	3/4	2,929.39	3/4	2,566.20
11		11		11		11		11	4,062.36	11	3,891.73	11	3,711.75	11	3,519.36	11	3,285.30	11	2,921.82	11	2,558.63
1/4		1/4		1/4		1/4		1/4	4,058.37	1/4	3,888.15	1/4	3,707.84	1/4	3,515.29	1/4	3,277.71	1/4	2,914.25	1/4	2,551.07
1/2		1/2		1/2		1/2		1/2	4,054.39	1/2	3,884.56	1/2	3,703.93	1/2	3,511.22	1/2	3,270.12	1/2	2,906.69	1/2	2,543.50
3/4		3/4		3/4		3/4		3/4	4,050.40	3/4	3,880.98	3/4	3,700.03	3/4	3,507.15	3/4	3,262.53	3/4	2,899.12	3/4	2,535.93

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 27764"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 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	2,528.37	0	2,165.18	0	1,801.99	0	1,439.32	0	1,081.94	0	729.73	0	377.95	0	56.34	0		0	
1/4	2,520.80	1/4	2,157.61	1/4	1,794.42	1/4	1,431.86	1/4	1,074.61	1/4	722.37	1/4	370.40	1/4	54.54	1/4		1/4	
1/2	2,513.23	1/2	2,150.05	1/2	1,786.86	1/2	1,424.40	1/2	1,067.28	1/2	715.01	1/2	362.85	1/2	52.74	1/2		1/2	
3/4	2,505.67	3/4	2,142.48	3/4	1,779.29	3/4	1,416.93	3/4	1,059.95	3/4	707.64	3/4	355.30	3/4	50.95	3/4		3/4	
1	2,498.10	1	2,134.91	1	1,771.72	1	1,409.54	1	1,052.62	1	700.28	1	347.76	1	50.00	1		1	
1/4	2,490.54	1/4	2,127.35	1/4	1,764.16	1/4	1,402.15	1/4	1,045.29	1/4	692.92	1/4	340.22	1/4	49.06	1/4		1/4	
1/2	2,482.97	1/2	2,119.78	1/2	1,756.59	1/2	1,394.75	1/2	1,037.96	1/2	685.56	1/2	332.67	1/2	48.11	1/2		1/2	
3/4	2,475.40	3/4	2,112.22	3/4	1,749.02	3/4	1,387.36	3/4	1,030.63	3/4	678.20	3/4	325.13	3/4	47.16	3/4		3/4	
2	2,467.84	2	2,104.65	2	1,741.46	2	1,379.96	2	1,023.30	2	670.84	2	317.58	2		2		2	
1/4	2,460.27	1/4	2,097.08	1/4	1,733.89	1/4	1,372.55	1/4	1,015.97	1/4	663.48	1/4	310.04	1/4		1/4		1/4	
1/2	2,452.70	1/2	2,089.52	1/2	1,726.32	1/2	1,365.15	1/2	1,008.64	1/2	656.12	1/2	302.49	1/2		1/2		1/2	
3/4	2,445.14	3/4	2,081.95	3/4	1,718.76	3/4	1,357.74	3/4	1,001.31	3/4	648.76	3/4	294.94	3/4		3/4		3/4	
3	2,437.57	3	2,074.38	3	1,711.19	3	1,350.33	3	993.99	3	641.40	3	287.38	3		3		3	
1/4	2,430.00	1/4	2,066.82	1/4	1,703.62	1/4	1,342.93	1/4	986.66	1/4	634.04	1/4	279.81	1/4		1/4		1/4	
1/2	2,422.44	1/2	2,059.25	1/2	1,696.06	1/2	1,335.52	1/2	979.33	1/2	626.68	1/2	272.25	1/2		1/2		1/2	
3/4	2,414.87	3/4	2,051.68	3/4	1,688.49	3/4	1,328.12	3/4	972.00	3/4	619.32	3/4	264.69	3/4		3/4		3/4	
4	2,407.31	4	2,044.12	4	1,680.92	4	1,320.71	4	964.67	4	611.96	4	257.12	4		4		4	
1/4	2,399.74	1/4	2,036.55	1/4	1,673.36	1/4	1,313.31	1/4	957.34	1/4	604.60	1/4	249.55	1/4		1/4		1/4	
1/2	2,392.17	1/2	2,028.99	1/2	1,665.79	1/2	1,305.90	1/2	950.01	1/2	597.23	1/2	241.98	1/2		1/2		1/2	
3/4	2,384.61	3/4	2,021.42	3/4	1,658.22	3/4	1,298.50	3/4	942.68	3/4	589.87	3/4	234.40	3/4		3/4		3/4	
5	2,377.04	5	2,013.85	5	1,650.66	5	1,291.10	5	935.35	5	582.41	5	226.83	5		5		5	
1/4	2,369.47	1/4	2,006.29	1/4	1,643.09	1/4	1,283.70	1/4	928.02	1/4	574.94	1/4	219.26	1/4		1/4		1/4	
1/2	2,361.91	1/2	1,998.72	1/2	1,635.52	1/2	1,276.30	1/2	920.69	1/2	567.48	1/2	211.69	1/2		1/2		1/2	
3/4	2,354.34	3/4	1,991.15	3/4	1,627.96	3/4	1,268.90	3/4	913.36	3/4	560.01	3/4	204.12	3/4		3/4		3/4	
6	2,346.77	6	1,983.59	6	1,620.39	6	1,261.43	6	906.02	6	552.44	6	196.55	6		6		6	
1/4	2,339.21	1/4	1,976.02	1/4	1,612.82	1/4	1,253.96	1/4	898.69	1/4	544.87	1/4	188.98	1/4		1/4		1/4	
1/2	2,331.64	1/2	1,968.45	1/2	1,605.26	1/2	1,246.49	1/2	891.36	1/2	537.29	1/2	181.41	1/2		1/2		1/2	
3/4	2,324.07	3/4	1,960.89	3/4	1,597.69	3/4	1,239.02	3/4	884.03	3/4	529.72	3/4	173.84	3/4		3/4		3/4	
7	2,316.51	7	1,953.32	7	1,590.14	7	1,231.47	7	876.70	7	522.15	7	166.28	7		7		7	
1/4	2,308.94	1/4	1,945.75	1/4	1,582.58	1/4	1,223.92	1/4	869.37	1/4	514.58	1/4	158.72	1/4		1/4		1/4	
1/2	2,301.38	1/2	1,938.19	1/2	1,575.03	1/2	1,216.37	1/2	862.03	1/2	507.01	1/2	151.15	1/2		1/2		1/2	
3/4	2,293.81	3/4	1,930.62	3/4	1,567.47	3/4	1,208.82	3/4	854.70	3/4	499.44	3/4	143.59	3/4		3/4		3/4	
8	2,286.24	8	1,923.06	8	1,559.93	8	1,201.27	8	847.37	8	492.09	8	136.36	8		8		8	
1/4	2,278.68	1/4	1,915.49	1/4	1,552.39	1/4	1,193.72	1/4	840.03	1/4	484.74	1/4	129.13	1/4		1/4		1/4	
1/2	2,271.11	1/2	1,907.92	1/2	1,544.84	1/2	1,186.17	1/2	832.70	1/2	477.39	1/2	121.89	1/2		1/2		1/2	
3/4	2,263.54	3/4	1,900.36	3/4	1,537.30	3/4	1,178.61	3/4	825.37	3/4	470.05	3/4	114.66	3/4		3/4		3/4	
9	2,255.98	9	1,892.79	9	1,529.76	9	1,171.06	9	818.02	9	463.15	9	108.39	9		9		9	
1/4	2,248.41	1/4	1,885.22	1/4	1,522.21	1/4	1,163.51	1/4	810.67	1/4	456.25	1/4	102.11	1/4		1/4		1/4	
1/2	2,240.84	1/2	1,877.66	1/2	1,514.67	1/2	1,155.96	1/2	803.32	1/2	449.35	1/2	95.84	1/2		1/2		1/2	
3/4	2,233.28	3/4	1,870.09	3/4	1,507.13	3/4	1,148.41	3/4	795.97	3/4	442.45	3/4	89.57	3/4		3/4		3/4	
10	2,225.71	10	1,862.52	10	1,499.58	10	1,140.96	10	788.61	10	435.55	10	84.78	10		10		10	
1/4	2,218.15	1/4	1,854.96	1/4	1,492.04	1/4	1,133.52	1/4	781.25	1/4	428.65	1/4	80.00	1/4		1/4		1/4	
1/2	2,210.58	1/2	1,847.39	1/2	1,484.50	1/2	1,126.07	1/2	773.89	1/2	421.75	1/2	75.21	1/2		1/2		1/2	
3/4	2,203.01	3/4	1,839.82	3/4	1,476.95	3/4	1,118.62	3/4	766.53	3/4	414.85	3/4	70.43	3/4		3/4		3/4	
11	2,195.45	11	1,832.26	11	1,469.41	11	1,111.29	11	759.17	11	407.51	11	67.35	11		11		11	
1/4	2,187.88	1/4	1,824.69	1/4	1,461.87	1/4	1,103.95	1/4	751.81	1/4	400.17	1/4	64.28	1/4		1/4		1/4	
1/2	2,180.31	1/2	1,817.12	1/2	1,454.33	1/2	1,096.61	1/2	744.45	1/2	392.83	1/2	61.21	1/2		1/2		1/2	
3/4	2,172.75	3/4	1,809.56	3/4	1,446.78	3/4	1,089.28	3/4	737.09	3/4	385.49	3/4	58.13	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2009 CL - SW  
CALCULATED: 03/12/2009 CL  
PRINTED: 03/12/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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



# BARGE "KIRBY 27764"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

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	4,064.89	0	3,896.17	0	3,714.25	0	3,520.95	0	3,265.77	0	2,901.51
1/4		1/4		1/4		1/4		1/4	4,061.05	1/4	3,892.56	1/4	3,710.33	1/4	3,516.88	1/4	3,258.18	1/4	2,893.92
1/2		1/2		1/2		1/2		1/2	4,057.51	1/2	3,888.94	1/2	3,706.39	1/2	3,512.81	1/2	3,250.59	1/2	2,886.33
3/4		3/4		3/4		3/4		3/4	4,053.97	3/4	3,885.31	3/4	3,702.44	3/4	3,508.74	3/4	3,243.00	3/4	2,878.74
1		1		1		1		1	4,050.42	1	3,881.69	1	3,698.50	1	3,504.67	1	3,235.41	1	2,871.15
1/4		1/4		1/4		1/4		1/4	4,046.88	1/4	3,878.07	1/4	3,694.56	1/4	3,500.60	1/4	3,227.83	1/4	2,863.56
1/2		1/2		1/2		1/2		1/2	4,043.47	1/2	3,874.42	1/2	3,690.59	1/2	3,496.53	1/2	3,220.24	1/2	2,855.97
3/4		3/4		3/4		3/4		3/4	4,040.06	3/4	3,870.78	3/4	3,686.63	3/4	3,492.46	3/4	3,212.65	3/4	2,848.39
2		2		2		2		2	4,036.65	2	3,867.14	2	3,682.67	2	3,488.39	2	3,205.06	2	2,840.80
1/4		1/4		1/4		1/4		1/4	4,033.24	1/4	3,863.49	1/4	3,678.71	1/4	3,484.32	1/4	3,197.47	1/4	2,833.21
1/2		1/2		1/2		1/2		1/2	4,029.81	1/2	3,859.81	1/2	3,674.72	1/2	3,480.25	1/2	3,189.88	1/2	2,825.62
3/4		3/4		3/4		3/4		3/4	4,026.39	3/4	3,856.12	3/4	3,670.74	3/4	3,476.18	3/4	3,182.29	3/4	2,818.03
3		3		3		3		3	4,022.96	3	3,852.44	3	3,666.76	3	3,472.11	3	3,174.70	3	2,810.44
1/4		1/4		1/4		1/4		1/4	4,019.53	1/4	3,848.75	1/4	3,662.78	1/4	3,468.04	1/4	3,167.11	1/4	2,802.85
1/2		1/2		1/2		1/2		1/2	4,016.08	1/2	3,845.00	1/2	3,658.77	1/2	3,463.96	1/2	3,159.53	1/2	2,795.26
3/4		3/4		3/4		3/4		3/4	4,012.63	3/4	3,841.26	3/4	3,654.77	3/4	3,459.89	3/4	3,151.94	3/4	2,787.67
4		4		4		4		4	4,009.18	4	3,837.51	4	3,650.77	4	3,455.82	4	3,144.35	4	2,780.09
1/4		1/4		1/4		1/4		1/4	4,005.73	1/4	3,833.76	1/4	3,646.77	1/4	3,451.75	1/4	3,136.76	1/4	2,772.50
1/2		1/2		1/2		1/2		1/2	4,002.26	1/2	3,829.98	1/2	3,642.74	1/2	3,447.68	1/2	3,129.17	1/2	2,764.91
3/4		3/4		3/4		3/4		3/4	3,998.79	3/4	3,826.19	3/4	3,638.72	3/4	3,443.61	3/4	3,121.58	3/4	2,757.32
5		5		5		5		5	3,995.32	5	3,822.40	5	3,634.70	5	3,439.54	5	3,113.99	5	2,749.73
1/4		1/4		1/4		1/4		1/4	3,991.85	1/4	3,818.61	1/4	3,630.67	1/4	3,435.47	1/4	3,106.40	1/4	2,742.14
1/2		1/2		1/2		1/2		1/2	3,988.36	1/2	3,814.80	1/2	3,626.63	1/2	3,431.40	1/2	3,098.82	1/2	2,734.55
3/4		3/4		3/4		3/4		3/4	3,984.88	3/4	3,811.00	3/4	3,622.59	3/4	3,427.33	3/4	3,091.23	3/4	2,726.96
6		6		6		6		6	3,981.39	6	3,807.19	6	3,618.55	6	3,423.26	6	3,083.64	6	2,719.38
1/4		1/4		1/4		1/4		1/4	3,977.90	1/4	3,803.38	1/4	3,614.50	1/4	3,419.19	1/4	3,076.05	1/4	2,711.79
1/2		1/2		1/2		1/2		1/2	3,974.39	1/2	3,799.55	1/2	3,610.45	1/2	3,415.12	1/2	3,068.46	1/2	2,704.20
3/4		3/4		3/4		3/4		3/4	3,970.88	3/4	3,795.72	3/4	3,606.39	3/4	3,411.05	3/4	3,060.87	3/4	2,696.61
7		7		7		7		7	3,967.37	7	3,791.89	7	3,602.33	7	3,406.98	7	3,053.28	7	2,689.02
1/4		1/4		1/4		1/4		1/4	3,963.86	1/4	3,788.07	1/4	3,598.27	1/4	3,402.91	1/4	3,045.69	1/4	2,681.43
1/2		1/2		1/2		1/2		1/2	3,960.33	1/2	3,784.22	1/2	3,594.20	1/2	3,397.09	1/2	3,038.11	1/2	2,673.84
3/4		3/4		3/4		3/4		3/4	3,956.81	3/4	3,780.37	3/4	3,590.13	3/4	3,391.26	3/4	3,030.52	3/4	2,666.25
8		8		8		8		8	3,953.28	8	3,776.52	8	3,586.07	8	3,385.43	8	3,022.93	8	2,658.67
1/4		1/4		1/4		1/4	4,121.06	1/4	3,949.75	1/4	3,772.68	1/4	3,582.00	1/4	3,379.60	1/4	3,015.34	1/4	2,651.08
1/2		1/2		1/2		1/2	4,117.79	1/2	3,946.20	1/2	3,768.81	1/2	3,577.93	1/2	3,372.01	1/2	3,007.75	1/2	2,643.49
3/4		3/4		3/4		3/4	4,114.51	3/4	3,942.66	3/4	3,764.94	3/4	3,573.86	3/4	3,364.42	3/4	3,000.16	3/4	2,635.90
9		9		9		9	4,111.24	9	3,939.11	9	3,761.07	9	3,569.79	9	3,356.83	9	2,992.57	9	2,628.31
1/4		1/4		1/4		1/4	4,107.97	1/4	3,935.57	1/4	3,757.20	1/4	3,565.72	1/4	3,349.25	1/4	2,984.98	1/4	2,620.72
1/2		1/2		1/2		1/2	4,104.06	1/2	3,932.00	1/2	3,753.32	1/2	3,561.65	1/2	3,341.66	1/2	2,977.39	1/2	2,613.13
3/4		3/4		3/4		3/4	4,100.15	3/4	3,928.44	3/4	3,749.43	3/4	3,557.58	3/4	3,334.07	3/4	2,969.81	3/4	2,605.54
10		10		10		10	4,096.25	10	3,924.88	10	3,745.54	10	3,553.51	10	3,326.48	10	2,962.22	10	2,597.95
1/4		1/4		1/4		1/4	4,092.34	1/4	3,921.31	1/4	3,741.65	1/4	3,549.44	1/4	3,318.89	1/4	2,954.63	1/4	2,590.37
1/2		1/2		1/2		1/2	4,088.36	1/2	3,917.73	1/2	3,737.75	1/2	3,545.37	1/2	3,311.30	1/2	2,947.04	1/2	2,582.78
3/4		3/4		3/4		3/4	4,084.37	3/4	3,914.14	3/4	3,733.84	3/4	3,541.30	3/4	3,303.71	3/4	2,939.45	3/4	2,575.19
11		11		11		11	4,080.39	11	3,910.56	11	3,729.93	11	3,537.23	11	3,296.12	11	2,931.86	11	2,567.60
1/4		1/4		1/4		1/4	4,076.40	1/4	3,906.98	1/4	3,726.03	1/4	3,533.16	1/4	3,288.54	1/4	2,924.27	1/4	2,560.01
1/2		1/2		1/2		1/2	4,072.56	1/2	3,903.37	1/2	3,722.10	1/2	3,529.09	1/2	3,280.95	1/2	2,916.68	1/2	2,552.42
3/4		3/4		3/4		3/4	4,068.73	3/4	3,899.77	3/4	3,718.18	3/4	3,525.02	3/4	3,273.36	3/4	2,909.10	3/4	2,544.83

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 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 27764"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,537.24	0	2,172.98	0	1,808.72	0	1,444.69	0	1,084.17	0	720.88	0	363.85	0	52.87	0		0	
1/4	2,529.66	1/4	2,165.39	1/4	1,801.13	1/4	1,437.18	1/4	1,076.61	1/4	713.29	1/4	356.28	1/4	51.06	1/4		1/4	
1/2	2,522.07	1/2	2,157.80	1/2	1,793.54	1/2	1,429.75	1/2	1,069.05	1/2	705.70	1/2	348.72	1/2	50.09	1/2		1/2	
3/4	2,514.48	3/4	2,150.22	3/4	1,785.95	3/4	1,422.33	3/4	1,061.49	3/4	698.11	3/4	341.16	3/4	49.13	3/4		3/4	
1	2,506.89	1	2,142.63	1	1,778.36	1	1,414.90	1	1,053.93	1	690.52	1	333.60	1	48.16	1		1	
1/4	2,499.30	1/4	2,135.04	1/4	1,770.77	1/4	1,407.47	1/4	1,046.37	1/4	682.93	1/4	326.04	1/4	47.20	1/4		1/4	
1/2	2,491.71	1/2	2,127.45	1/2	1,763.18	1/2	1,400.04	1/2	1,038.81	1/2	675.34	1/2	318.48	1/2		1/2		1/2	
3/4	2,484.12	3/4	2,119.86	3/4	1,755.59	3/4	1,392.62	3/4	1,031.25	3/4	667.75	3/4	310.91	3/4		3/4		3/4	
2	2,476.53	2	2,112.27	2	1,748.00	2	1,385.19	2	1,023.69	2	660.17	2	303.34	2		2		2	
1/4	2,468.95	1/4	2,104.68	1/4	1,740.42	1/4	1,377.76	1/4	1,016.13	1/4	652.58	1/4	295.78	1/4		1/4		1/4	
1/2	2,461.36	1/2	2,097.09	1/2	1,732.83	1/2	1,370.34	1/2	1,008.57	1/2	644.99	1/2	288.20	1/2		1/2		1/2	
3/4	2,453.77	3/4	2,089.51	3/4	1,725.24	3/4	1,362.91	3/4	1,001.01	3/4	637.40	3/4	280.61	3/4		3/4		3/4	
3	2,446.18	3	2,081.92	3	1,717.65	3	1,355.48	3	993.45	3	629.81	3	273.03	3		3		3	
1/4	2,438.59	1/4	2,074.33	1/4	1,710.06	1/4	1,348.06	1/4	985.89	1/4	622.22	1/4	265.45	1/4		1/4		1/4	
1/2	2,431.00	1/2	2,066.74	1/2	1,702.47	1/2	1,340.63	1/2	978.33	1/2	614.63	1/2	257.86	1/2		1/2		1/2	
3/4	2,423.41	3/4	2,059.15	3/4	1,694.88	3/4	1,333.20	3/4	970.77	3/4	607.04	3/4	250.27	3/4		3/4		3/4	
4	2,415.82	4	2,051.56	4	1,687.29	4	1,325.78	4	963.21	4	599.45	4	242.69	4		4		4	
1/4	2,408.23	1/4	2,043.97	1/4	1,679.70	1/4	1,318.35	1/4	955.65	1/4	591.86	1/4	235.10	1/4		1/4		1/4	
1/2	2,400.65	1/2	2,036.38	1/2	1,672.11	1/2	1,310.92	1/2	948.08	1/2	584.27	1/2	227.51	1/2		1/2		1/2	
3/4	2,393.06	3/4	2,028.79	3/4	1,664.53	3/4	1,303.49	3/4	940.52	3/4	576.68	3/4	219.92	3/4		3/4		3/4	
5	2,385.47	5	2,021.21	5	1,656.94	5	1,296.07	5	932.96	5	569.09	5	212.33	5		5		5	
1/4	2,377.88	1/4	2,013.62	1/4	1,649.35	1/4	1,288.64	1/4	925.40	1/4	561.50	1/4	204.74	1/4		1/4		1/4	
1/2	2,370.29	1/2	2,006.03	1/2	1,641.76	1/2	1,281.13	1/2	917.84	1/2	553.91	1/2	197.15	1/2		1/2		1/2	
3/4	2,362.70	3/4	1,998.44	3/4	1,634.17	3/4	1,273.62	3/4	910.28	3/4	546.32	3/4	189.57	3/4		3/4		3/4	
6	2,355.11	6	1,990.85	6	1,626.58	6	1,266.11	6	902.72	6	538.73	6	181.98	6		6		6	
1/4	2,347.52	1/4	1,983.26	1/4	1,618.99	1/4	1,258.60	1/4	895.16	1/4	531.14	1/4	174.39	1/4		1/4		1/4	
1/2	2,339.94	1/2	1,975.67	1/2	1,611.40	1/2	1,251.01	1/2	887.60	1/2	523.55	1/2	166.81	1/2		1/2		1/2	
3/4	2,332.35	3/4	1,968.08	3/4	1,603.81	3/4	1,243.42	3/4	880.04	3/4	515.97	3/4	159.23	3/4		3/4		3/4	
7	2,324.76	7	1,960.50	7	1,596.22	7	1,235.83	7	872.48	7	508.38	7	151.65	7		7		7	
1/4	2,317.17	1/4	1,952.91	1/4	1,588.64	1/4	1,228.24	1/4	864.92	1/4	500.79	1/4	144.06	1/4		1/4		1/4	
1/2	2,309.58	1/2	1,945.32	1/2	1,581.05	1/2	1,220.66	1/2	857.36	1/2	493.42	1/2	136.81	1/2		1/2		1/2	
3/4	2,301.99	3/4	1,937.73	3/4	1,573.46	3/4	1,213.07	3/4	849.80	3/4	486.05	3/4	129.56	3/4		3/4		3/4	
8	2,294.40	8	1,930.14	8	1,565.87	8	1,205.48	8	842.23	8	478.69	8	122.31	8		8		8	
1/4	2,286.81	1/4	1,922.55	1/4	1,558.28	1/4	1,197.89	1/4	834.67	1/4	471.32	1/4	115.06	1/4		1/4		1/4	
1/2	2,279.23	1/2	1,914.96	1/2	1,550.69	1/2	1,190.30	1/2	827.09	1/2	464.41	1/2	108.77	1/2		1/2		1/2	
3/4	2,271.64	3/4	1,907.37	3/4	1,543.10	3/4	1,182.71	3/4	819.52	3/4	457.49	3/4	102.48	3/4		3/4		3/4	
9	2,264.05	9	1,899.78	9	1,535.51	9	1,175.12	9	811.94	9	450.57	9	96.19	9		9		9	
1/4	2,256.46	1/4	1,892.20	1/4	1,527.92	1/4	1,167.53	1/4	804.36	1/4	443.65	1/4	89.90	1/4		1/4		1/4	
1/2	2,248.87	1/2	1,884.61	1/2	1,520.33	1/2	1,159.94	1/2	796.77	1/2	436.74	1/2	85.09	1/2		1/2		1/2	
3/4	2,241.28	3/4	1,877.02	3/4	1,512.75	3/4	1,152.35	3/4	789.18	3/4	429.82	3/4	80.29	3/4		3/4		3/4	
10	2,233.69	10	1,869.43	10	1,505.16	10	1,144.76	10	781.59	10	422.90	10	75.49	10		10		10	
1/4	2,226.10	1/4	1,861.84	1/4	1,497.57	1/4	1,137.17	1/4	774.01	1/4	415.98	1/4	70.68	1/4		1/4		1/4	
1/2	2,218.51	1/2	1,854.25	1/2	1,489.98	1/2	1,129.59	1/2	766.42	1/2	408.63	1/2	67.59	1/2		1/2		1/2	
3/4	2,210.93	3/4	1,846.66	3/4	1,482.39	3/4	1,122.02	3/4	758.83	3/4	401.27	3/4	64.50	3/4		3/4		3/4	
11	2,203.34	11	1,839.07	11	1,474.80	11	1,114.44	11	751.24	11	393.91	11	61.41	11		11		11	
1/4	2,195.75	1/4	1,831.48	1/4	1,467.21	1/4	1,106.86	1/4	743.65	1/4	386.55	1/4	58.32	1/4		1/4		1/4	
1/2	2,188.16	1/2	1,823.89	1/2	1,459.70	1/2	1,099.30	1/2	736.06	1/2	378.98	1/2	56.50	1/2		1/2		1/2	
3/4	2,180.57	3/4	1,816.31	3/4	1,452.20	3/4	1,091.74	3/4	728.47	3/4	371.42	3/4	54.69	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/11/2009 CL - SW  
CALCULATED: 03/12/2009 CL  
PRINTED: 03/12/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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