



# BARGE "KIRBY 27765"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 261'-00"

June 30, 2011

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27765"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.					
IN		0	IN		0	IN		0	IN		0	IN		0	IN		0	IN		0	IN		0	IN		0	IN		0	IN		0
1/4			1/4			1/4			1/4			1/4		4,831.30	1/4		4,501.67	1/4		4,149.34	1/4		3,775.82	1/4		3,398.26	1/4		3,020.71			
1/2			1/2			1/2			1/2			1/2		4,823.81	1/2		4,494.63	1/2		4,141.76	1/2		3,767.95	1/2		3,390.40	1/2		3,012.85			
3/4			3/4			3/4			3/4			3/4		4,816.88	3/4		4,487.55	3/4		4,134.14	3/4		3,760.09	3/4		3,382.53	3/4		3,004.98			
1		1	1		1	1		1	1		1	1		4,809.96	1		4,480.47	1		4,126.52	1		3,752.22	1		3,374.67	1		2,997.11			
1/4			1/4			1/4			1/4			1/4		4,803.04	1/4		4,473.39	1/4		4,118.90	1/4		3,744.36	1/4		3,366.80	1/4		2,989.25			
1/2			1/2			1/2			1/2			1/2		4,796.11	1/2		4,466.31	1/2		4,111.28	1/2		3,736.49	1/2		3,358.94	1/2		2,981.38			
3/4			3/4			3/4			3/4			3/4		4,789.45	3/4		4,459.19	3/4		4,103.62	3/4		3,728.62	3/4		3,351.07	3/4		2,973.52			
2		2	2		2	2		2	2		2	2		4,782.79	2		4,452.08	2		4,095.97	2		3,720.76	2		3,343.21	2		2,965.65			
1/4			1/4			1/4			1/4			1/4		4,776.13	1/4		4,444.96	1/4		4,088.31	1/4		3,712.89	1/4		3,335.34	1/4		2,957.79			
1/2			1/2			1/2			1/2			1/2		4,769.46	1/2		4,437.84	1/2		4,080.65	1/2		3,705.03	1/2		3,327.47	1/2		2,949.92			
3/4			3/4			3/4			3/4			3/4		4,762.76	3/4		4,430.67	3/4		4,072.96	3/4		3,697.16	3/4		3,319.61	3/4		2,942.05			
3		3	3		3	3		3	3		3	3		4,756.06	3		4,423.49	3		4,065.26	3		3,689.30	3		3,311.74	3		2,934.19			
1/4			1/4			1/4			1/4			1/4		4,749.36	1/4		4,416.31	1/4		4,057.57	1/4		3,681.43	1/4		3,303.88	1/4		2,926.32			
1/2			1/2			1/2			1/2			1/2		4,742.66	1/2		4,409.14	1/2		4,049.87	1/2		3,673.56	1/2		3,296.01	1/2		2,918.46			
3/4			3/4			3/4			3/4			3/4		4,735.93	3/4		4,401.88	3/4		4,042.14	3/4		3,665.70	3/4		3,288.15	3/4		2,910.59			
4		4	4		4	4		4	4		4	4		4,729.19	4		4,394.62	4		4,034.41	4		3,657.83	4		3,280.28	4		2,902.73			
1/4			1/4			1/4			1/4			1/4		4,722.45	1/4		4,387.37	1/4		4,026.67	1/4		3,649.97	1/4		3,272.41	1/4		2,894.86			
1/2			1/2			1/2			1/2			1/2		4,715.71	1/2		4,380.11	1/2		4,018.94	1/2		3,642.10	1/2		3,264.55	1/2		2,886.99			
3/4			3/4			3/4			3/4			3/4		4,708.94	3/4		4,372.79	3/4		4,011.17	3/4		3,634.24	3/4		3,256.68	3/4		2,879.13			
5		5	5		5	5		5	5		5	5		4,702.16	5		4,365.48	5		4,003.40	5		3,626.37	5		3,248.82	5		2,871.26			
1/4			1/4			1/4			1/4			1/4		4,695.38	1/4		4,358.16	1/4		3,995.63	1/4		3,618.50	1/4		3,240.95	1/4		2,863.40			
1/2			1/2			1/2			1/2			1/2		4,688.61	1/2		4,350.85	1/2		3,987.86	1/2		3,610.64	1/2		3,233.09	1/2		2,855.53			
3/4			3/4			3/4			3/4			3/4		4,681.79	3/4		4,343.49	3/4		3,980.05	3/4		3,602.77	3/4		3,225.22	3/4		2,847.67			
6		6	6		6	6		6	6		6	6		4,674.98	6		4,336.14	6		3,972.24	6		3,594.91	6		3,217.35	6		2,839.80			
1/4			1/4			1/4			1/4			1/4		4,668.17	1/4		4,328.79	1/4		3,964.43	1/4		3,587.04	1/4		3,209.49	1/4		2,831.93			
1/2			1/2			1/2			1/2			1/2		4,661.35	1/2		4,321.43	1/2		3,956.62	1/2		3,579.18	1/2		3,201.62	1/2		2,824.07			
3/4			3/4			3/4			3/4			3/4		4,654.50	3/4		4,314.04	3/4		3,948.78	3/4		3,571.31	3/4		3,193.76	3/4		2,816.20			
7		7	7		7	7		7	7		7	7		4,647.65	7		4,306.65	7		3,940.94	7		3,563.44	7		3,185.89	7		2,808.34			
1/4			1/4			1/4			1/4			1/4		4,640.80	1/4		4,299.26	1/4		3,933.10	1/4		3,555.58	1/4		3,178.03	1/4		2,800.47			
1/2			1/2			1/2			1/2			1/2		4,964.34	1/2		4,633.94	1/2		4,291.87	1/2		3,925.25	1/2		3,547.71	1/2		3,170.16	1/2		2,792.61
3/4			3/4			3/4			3/4			3/4		4,958.85	3/4		4,627.05	3/4		4,284.44	3/4		3,917.39	3/4		3,539.85	3/4		3,162.29	3/4		2,784.74
8		8	8		8	8		8	8		8	8		4,953.37	8		4,620.16	8		4,277.01	8		3,909.53	8		3,531.98	8		3,154.43	8		2,776.87
1/4			1/4			1/4			1/4			1/4		4,947.88	1/4		4,613.27	1/4		4,269.58	1/4		3,901.67	1/4		3,524.12	1/4		3,146.56	1/4		2,769.01
1/2			1/2			1/2			1/2			1/2		4,942.39	1/2		4,606.38	1/2		4,262.15	1/2		3,893.80	1/2		3,516.25	1/2		3,138.70	1/2		2,761.14
3/4			3/4			3/4			3/4			3/4		4,935.62	3/4		4,599.46	3/4		4,254.68	3/4		3,885.94	3/4		3,508.38	3/4		3,130.83	3/4		2,753.28
9		9	9		9	9		9	9		9	9		4,928.84	9		4,592.53	9		4,247.21	9		3,878.07	9		3,500.52	9		3,122.97	9		2,745.41
1/4			1/4			1/4			1/4			1/4		4,922.06	1/4		4,585.60	1/4		4,239.75	1/4		3,870.21	1/4		3,492.65	1/4		3,115.10	1/4		2,737.55
1/2			1/2			1/2			1/2			1/2		4,915.28	1/2		4,578.67	1/2		4,232.28	1/2		3,862.34	1/2		3,484.79	1/2		3,107.23	1/2		2,729.68
3/4			3/4			3/4			3/4			3/4		4,907.69	3/4		4,571.71	3/4		4,224.77	3/4		3,854.48	3/4		3,476.92	3/4		3,099.37	3/4		2,721.81
10		10	10		10	10		10	10		10	10		4,900.09	10		4,564.74	10		4,217.27	10		3,846.61	10		3,469.06	10		3,091.50	10		2,713.95
1/4			1/4			1/4			1/4			1/4		4,892.50	1/4		4,557.78	1/4		4,209.76	1/4		3,838.74	1/4		3,461.19	1/4		3,083.64	1/4		2,706.08
1/2			1/2			1/2			1/2			1/2		4,884.90	1/2		4,550.81	1/2		4,202.26	1/2		3,830.88	1/2		3,453.32	1/2		3,075.77	1/2		2,698.22
3/4			3/4			3/4			3/4			3/4		4,877.12	3/4		4,543.81	3/4		4,194.71	3/4		3,823.01	3/4		3,445.46	3/4		3,067.91	3/4		2,690.35
11		11	11		11	11		11	11		11	11		4,869.34	11		4,536.80	11		4,187.17	11		3,815.15	11		3,437.59	11		3,060.04	11		2,682.49
1/4			1/4			1/4			1/4			1/4		4,861.55	1/4		4,529.80	1/4		4,179.63	1/4		3,807.28	1/4		3,429.73	1/4		3,052.17	1/4		2,674.62
1/2			1/2			1/2			1/2			1/2		4,853.77	1/2		4,522.80	1/2		4,172.08	1/2		3,799.42	1/2		3,421.86	1/2		3,044.31	1/2		2,666.75
3/4			3/4			3/4			3/4			3/4		4,846.28	3/4		4,515.75	3/4		4,164.50	3/4		3,791.55	3/4		3,414.00	3/4		3,036.44	3/4		2,658.89

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 49'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "KIRBY 27765"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,651.02	0	2,273.47	0	1,895.91	0	1,518.35	0	1,141.76	0	766.36	0	398.26	0	71.55	0		0	
1/4	2,643.16	1/4	2,265.60	1/4	1,888.05	1/4	1,510.48	1/4	1,133.95	1/4	758.49	1/4	390.72	1/4	65.98	1/4		1/4	
1/2	2,635.29	1/2	2,257.74	1/2	1,880.18	1/2	1,502.61	1/2	1,126.14	1/2	750.63	1/2	383.19	1/2	60.41	1/2		1/2	
3/4	2,627.43	3/4	2,249.87	3/4	1,872.32	3/4	1,494.76	3/4	1,118.33	3/4	742.76	3/4	375.77	3/4	54.52	3/4		3/4	
1	2,619.56	1	2,242.01	1	1,864.45	1	1,486.91	1	1,110.52	1	734.89	1	368.35	1	48.62	1		1	
1/4	2,611.69	1/4	2,234.14	1/4	1,856.58	1/4	1,479.06	1/4	1,102.71	1/4	727.03	1/4	360.93	1/4	42.73	1/4		1/4	
1/2	2,603.83	1/2	2,226.28	1/2	1,848.72	1/2	1,471.21	1/2	1,094.91	1/2	719.16	1/2	353.51	1/2	36.84	1/2		1/2	
3/4	2,595.96	3/4	2,218.41	3/4	1,840.85	3/4	1,463.37	3/4	1,087.10	3/4	711.30	3/4	346.18	3/4	31.45	3/4		3/4	
2	2,588.10	2	2,210.54	2	1,832.99	2	1,455.53	2	1,079.29	2	703.43	2	338.86	2	26.05	2		2	
1/4	2,580.23	1/4	2,202.68	1/4	1,825.12	1/4	1,447.69	1/4	1,071.48	1/4	695.56	1/4	331.53	1/4	20.66	1/4		1/4	
1/2	2,572.37	1/2	2,194.81	1/2	1,817.25	1/2	1,439.85	1/2	1,063.67	1/2	687.70	1/2	324.21	1/2	15.27	1/2		1/2	
3/4	2,564.50	3/4	2,186.95	3/4	1,809.39	3/4	1,432.01	3/4	1,055.86	3/4	679.83	3/4	316.97	3/4	11.90	3/4		3/4	
3	2,556.64	3	2,179.08	3	1,801.52	3	1,424.18	3	1,048.06	3	671.96	3	309.74	3	8.53	3		3	
1/4	2,548.77	1/4	2,171.22	1/4	1,793.66	1/4	1,416.34	1/4	1,040.25	1/4	664.10	1/4	302.50	1/4		1/4		1/4	
1/2	2,540.90	1/2	2,163.35	1/2	1,785.79	1/2	1,408.50	1/2	1,032.44	1/2	656.23	1/2	295.27	1/2		1/2		1/2	
3/4	2,533.04	3/4	2,155.48	3/4	1,777.92	3/4	1,400.66	3/4	1,024.63	3/4	648.37	3/4	288.13	3/4		3/4		3/4	
4	2,525.17	4	2,147.62	4	1,770.06	4	1,392.82	4	1,016.82	4	640.50	4	280.99	4		4		4	
1/4	2,517.31	1/4	2,139.75	1/4	1,762.19	1/4	1,384.98	1/4	1,009.01	1/4	632.63	1/4	273.85	1/4		1/4		1/4	
1/2	2,509.44	1/2	2,131.89	1/2	1,754.33	1/2	1,377.14	1/2	1,001.20	1/2	624.77	1/2	266.71	1/2		1/2		1/2	
3/4	2,501.58	3/4	2,124.02	3/4	1,746.46	3/4	1,369.30	3/4	993.40	3/4	616.90	3/4	259.68	3/4		3/4		3/4	
5	2,493.71	5	2,116.16	5	1,738.59	5	1,361.47	5	985.59	5	609.03	5	252.64	5		5		5	
1/4	2,485.84	1/4	2,108.29	1/4	1,730.73	1/4	1,353.63	1/4	977.78	1/4	601.17	1/4	245.61	1/4		1/4		1/4	
1/2	2,477.98	1/2	2,100.42	1/2	1,722.86	1/2	1,345.79	1/2	969.97	1/2	593.30	1/2	238.58	1/2		1/2		1/2	
3/4	2,470.11	3/4	2,092.56	3/4	1,715.00	3/4	1,337.95	3/4	962.16	3/4	585.43	3/4	231.64	3/4		3/4		3/4	
6	2,462.25	6	2,084.69	6	1,707.13	6	1,330.11	6	954.35	6	577.57	6	224.71	6		6		6	
1/4	2,454.38	1/4	2,076.83	1/4	1,699.26	1/4	1,322.27	1/4	946.55	1/4	569.70	1/4	217.78	1/4		1/4		1/4	
1/2	2,446.52	1/2	2,068.96	1/2	1,691.40	1/2	1,314.43	1/2	938.74	1/2	561.83	1/2	210.85	1/2		1/2		1/2	
3/4	2,438.65	3/4	2,061.10	3/4	1,683.53	3/4	1,306.58	3/4	930.93	3/4	553.97	3/4	204.03	3/4		3/4		3/4	
7	2,430.78	7	2,053.23	7	1,675.67	7	1,298.73	7	923.12	7	546.10	7	197.21	7		7		7	
1/4	2,422.92	1/4	2,045.36	1/4	1,667.80	1/4	1,290.87	1/4	915.31	1/4	538.23	1/4	190.39	1/4		1/4		1/4	
1/2	2,415.05	1/2	2,037.50	1/2	1,659.93	1/2	1,283.02	1/2	907.50	1/2	530.37	1/2	183.57	1/2		1/2		1/2	
3/4	2,407.19	3/4	2,029.63	3/4	1,652.07	3/4	1,275.15	3/4	899.69	3/4	522.73	3/4	176.87	3/4		3/4		3/4	
8	2,399.32	8	2,021.77	8	1,644.20	8	1,267.29	8	891.88	8	515.10	8	170.17	8		8		8	
1/4	2,391.46	1/4	2,013.90	1/4	1,636.34	1/4	1,259.42	1/4	884.07	1/4	507.46	1/4	163.47	1/4		1/4		1/4	
1/2	2,383.59	1/2	2,006.04	1/2	1,628.47	1/2	1,251.55	1/2	876.26	1/2	499.83	1/2	156.77	1/2		1/2		1/2	
3/4	2,375.72	3/4	1,998.17	3/4	1,620.60	3/4	1,243.69	3/4	868.44	3/4	492.69	3/4	150.18	3/4		3/4		3/4	
9	2,367.86	9	1,990.31	9	1,612.74	9	1,235.82	9	860.61	9	485.54	9	143.59	9		9		9	
1/4	2,359.99	1/4	1,982.44	1/4	1,604.87	1/4	1,227.95	1/4	852.79	1/4	478.40	1/4	137.01	1/4		1/4		1/4	
1/2	2,352.13	1/2	1,974.57	1/2	1,597.01	1/2	1,220.09	1/2	844.96	1/2	471.26	1/2	130.42	1/2		1/2		1/2	
3/4	2,344.26	3/4	1,966.71	3/4	1,589.14	3/4	1,212.24	3/4	837.11	3/4	464.19	3/4	124.17	3/4		3/4		3/4	
10	2,336.40	10	1,958.84	10	1,581.27	10	1,204.38	10	829.26	10	457.13	10	117.92	10		10		10	
1/4	2,328.53	1/4	1,950.98	1/4	1,573.41	1/4	1,196.53	1/4	821.41	1/4	450.06	1/4	111.67	1/4		1/4		1/4	
1/2	2,320.66	1/2	1,943.11	1/2	1,565.54	1/2	1,188.68	1/2	813.56	1/2	443.00	1/2	105.41	1/2		1/2		1/2	
3/4	2,312.80	3/4	1,935.24	3/4	1,557.68	3/4	1,180.85	3/4	805.69	3/4	435.58	3/4	99.73	3/4		3/4		3/4	
11	2,304.93	11	1,927.38	11	1,549.81	11	1,173.03	11	797.83	11	428.16	11	94.05	11		11		11	
1/4	2,297.07	1/4	1,919.51	1/4	1,541.94	1/4	1,165.20	1/4	789.96	1/4	420.74	1/4	88.36	1/4		1/4		1/4	
1/2	2,289.20	1/2	1,911.65	1/2	1,534.08	1/2	1,157.38	1/2	782.09	1/2	413.32	1/2	82.68	1/2		1/2		1/2	
3/4	2,281.34	3/4	1,903.78	3/4	1,526.21	3/4	1,149.57	3/4	774.23	3/4	405.79	3/4	77.11	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
REPRINTED: 06/30/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "KIRBY 27765"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,652.47	0	2,274.91	0	1,897.35	0	1,519.78	0	1,142.96	0	766.40	0	398.29	0	71.56	0		0	
1/4	2,644.60	1/4	2,267.04	1/4	1,889.48	1/4	1,511.92	1/4	1,135.12	1/4	758.53	1/4	390.76	1/4	65.99	1/4		1/4	
1/2	2,636.74	1/2	2,259.18	1/2	1,881.62	1/2	1,504.05	1/2	1,127.28	1/2	750.67	1/2	383.23	1/2	60.42	1/2		1/2	
3/4	2,628.87	3/4	2,251.31	3/4	1,873.75	3/4	1,496.20	3/4	1,119.45	3/4	742.80	3/4	375.81	3/4	54.53	3/4		3/4	
1	2,621.00	1	2,243.45	1	1,865.89	1	1,488.35	1	1,111.61	1	734.93	1	368.38	1	48.63	1		1	
1/4	2,613.14	1/4	2,235.58	1/4	1,858.02	1/4	1,480.49	1/4	1,103.77	1/4	727.07	1/4	360.96	1/4	42.74	1/4		1/4	
1/2	2,605.27	1/2	2,227.71	1/2	1,850.15	1/2	1,472.64	1/2	1,095.93	1/2	719.20	1/2	353.54	1/2	36.85	1/2		1/2	
3/4	2,597.41	3/4	2,219.85	3/4	1,842.29	3/4	1,464.80	3/4	1,088.10	3/4	711.34	3/4	346.22	3/4	31.45	3/4		3/4	
2	2,589.54	2	2,211.98	2	1,834.42	2	1,456.96	2	1,080.26	2	703.47	2	338.89	2	26.06	2		2	
1/4	2,581.67	1/4	2,204.12	1/4	1,826.56	1/4	1,449.13	1/4	1,072.42	1/4	695.60	1/4	331.57	1/4	20.67	1/4		1/4	
1/2	2,573.81	1/2	2,196.25	1/2	1,818.69	1/2	1,441.29	1/2	1,064.58	1/2	687.74	1/2	324.24	1/2	15.27	1/2		1/2	
3/4	2,565.94	3/4	2,188.38	3/4	1,810.82	3/4	1,433.45	3/4	1,056.75	3/4	679.87	3/4	317.01	3/4	11.90	3/4		3/4	
3	2,558.08	3	2,180.52	3	1,802.96	3	1,425.61	3	1,048.91	3	672.00	3	309.77	3	8.53	3		3	
1/4	2,550.21	1/4	2,172.65	1/4	1,795.09	1/4	1,417.77	1/4	1,041.07	1/4	664.14	1/4	302.54	1/4		1/4		1/4	
1/2	2,542.35	1/2	2,164.79	1/2	1,787.23	1/2	1,409.93	1/2	1,033.23	1/2	656.27	1/2	295.30	1/2		1/2		1/2	
3/4	2,534.48	3/4	2,156.92	3/4	1,779.36	3/4	1,402.10	3/4	1,025.40	3/4	648.41	3/4	288.16	3/4		3/4		3/4	
4	2,526.61	4	2,149.06	4	1,771.49	4	1,394.26	4	1,017.56	4	640.54	4	281.02	4		4		4	
1/4	2,518.75	1/4	2,141.19	1/4	1,763.63	1/4	1,386.42	1/4	1,009.72	1/4	632.67	1/4	273.89	1/4		1/4		1/4	
1/2	2,510.88	1/2	2,133.32	1/2	1,755.76	1/2	1,378.58	1/2	1,001.88	1/2	624.81	1/2	266.75	1/2		1/2		1/2	
3/4	2,503.02	3/4	2,125.46	3/4	1,747.90	3/4	1,370.74	3/4	994.05	3/4	616.94	3/4	259.71	3/4		3/4		3/4	
5	2,495.15	5	2,117.59	5	1,740.03	5	1,362.90	5	986.21	5	609.07	5	252.68	5		5		5	
1/4	2,487.29	1/4	2,109.73	1/4	1,732.16	1/4	1,355.06	1/4	978.37	1/4	601.21	1/4	245.64	1/4		1/4		1/4	
1/2	2,479.42	1/2	2,101.86	1/2	1,724.30	1/2	1,347.22	1/2	970.54	1/2	593.34	1/2	238.61	1/2		1/2		1/2	
3/4	2,471.55	3/4	2,094.00	3/4	1,716.43	3/4	1,339.38	3/4	962.70	3/4	585.48	3/4	231.67	3/4		3/4		3/4	
6	2,463.69	6	2,086.13	6	1,708.57	6	1,331.54	6	954.86	6	577.61	6	224.74	6		6		6	
1/4	2,455.82	1/4	2,078.26	1/4	1,700.70	1/4	1,323.71	1/4	947.02	1/4	569.74	1/4	217.81	1/4		1/4		1/4	
1/2	2,447.96	1/2	2,070.40	1/2	1,692.83	1/2	1,315.87	1/2	939.19	1/2	561.87	1/2	210.88	1/2		1/2		1/2	
3/4	2,440.09	3/4	2,062.53	3/4	1,684.97	3/4	1,308.01	3/4	931.35	3/4	554.01	3/4	204.06	3/4		3/4		3/4	
7	2,432.22	7	2,054.67	7	1,677.10	7	1,300.16	7	923.51	7	546.14	7	197.24	7		7		7	
1/4	2,424.36	1/4	2,046.80	1/4	1,669.24	1/4	1,292.31	1/4	915.67	1/4	538.27	1/4	190.42	1/4		1/4		1/4	
1/2	2,416.49	1/2	2,038.93	1/2	1,661.37	1/2	1,284.45	1/2	907.84	1/2	530.41	1/2	183.60	1/2		1/2		1/2	
3/4	2,408.63	3/4	2,031.07	3/4	1,653.50	3/4	1,276.59	3/4	900.00	3/4	522.77	3/4	176.90	3/4		3/4		3/4	
8	2,400.76	8	2,023.20	8	1,645.64	8	1,268.72	8	892.16	8	515.14	8	170.20	8		8		8	
1/4	2,392.90	1/4	2,015.34	1/4	1,637.77	1/4	1,260.86	1/4	884.32	1/4	507.50	1/4	163.50	1/4		1/4		1/4	
1/2	2,385.03	1/2	2,007.47	1/2	1,629.91	1/2	1,252.99	1/2	876.48	1/2	499.87	1/2	156.79	1/2		1/2		1/2	
3/4	2,377.16	3/4	1,999.61	3/4	1,622.04	3/4	1,245.12	3/4	868.62	3/4	492.73	3/4	150.21	3/4		3/4		3/4	
9	2,369.30	9	1,991.74	9	1,614.17	9	1,237.26	9	860.77	9	485.58	9	143.62	9		9		9	
1/4	2,361.43	1/4	1,983.88	1/4	1,606.31	1/4	1,229.39	1/4	852.92	1/4	478.44	1/4	137.03	1/4		1/4		1/4	
1/2	2,353.57	1/2	1,976.01	1/2	1,598.44	1/2	1,221.52	1/2	845.06	1/2	471.30	1/2	130.44	1/2		1/2		1/2	
3/4	2,345.70	3/4	1,968.14	3/4	1,590.58	3/4	1,213.66	3/4	837.19	3/4	464.23	3/4	124.19	3/4		3/4		3/4	
10	2,337.84	10	1,960.28	10	1,582.71	10	1,205.79	10	829.33	10	457.17	10	117.94	10		10		10	
1/4	2,329.97	1/4	1,952.41	1/4	1,574.84	1/4	1,197.92	1/4	821.46	1/4	450.10	1/4	111.69	1/4		1/4		1/4	
1/2	2,322.10	1/2	1,944.55	1/2	1,566.98	1/2	1,190.06	1/2	813.60	1/2	443.03	1/2	105.43	1/2		1/2		1/2	
3/4	2,314.24	3/4	1,936.68	3/4	1,559.11	3/4	1,182.20	3/4	805.73	3/4	435.62	3/4	99.75	3/4		3/4		3/4	
11	2,306.37	11	1,928.81	11	1,551.25	11	1,174.35	11	797.86	11	428.20	11	94.06	11		11		11	
1/4	2,298.51	1/4	1,920.95	1/4	1,543.38	1/4	1,166.49	1/4	790.00	1/4	420.78	1/4	88.38	1/4		1/4		1/4	
1/2	2,290.64	1/2	1,913.08	1/2	1,535.51	1/2	1,158.64	1/2	782.13	1/2	413.36	1/2	82.70	1/2		1/2		1/2	
3/4	2,282.77	3/4	1,905.22	3/4	1,527.65	3/4	1,150.80	3/4	774.27	3/4	405.83	3/4	77.13	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
REPRINTED: 06/30/2011 SW

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# BARGE "KIRBY 27765"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	IN	0
1/4		1/4		1/4		1/4		1/4	4,675.28	1/4	4,360.82	1/4	4,027.48	1/4	3,673.22	1/4	3,314.30	1/4	2,955.38		
1/2		1/2		1/2		1/2		1/2	4,668.16	1/2	4,354.13	1/2	4,020.27	1/2	3,665.74	1/2	3,306.82	1/2	2,947.90		
3/4		3/4		3/4		3/4		3/4	4,661.05	3/4	4,347.44	3/4	4,013.06	3/4	3,658.27	3/4	3,299.35	3/4	2,940.43		
<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>	4,653.93	<b>1</b>	4,340.75	<b>1</b>	4,005.86	<b>1</b>	3,650.79	<b>1</b>	3,291.87	<b>1</b>	2,932.95		
1/4		1/4		1/4		1/4		1/4	4,646.81	1/4	4,334.06	1/4	3,998.65	1/4	3,643.31	1/4	3,284.39	1/4	2,925.47		
1/2		1/2		1/2		1/2		1/2	4,640.23	1/2	4,327.34	1/2	3,991.41	1/2	3,635.83	1/2	3,276.91	1/2	2,917.99		
3/4		3/4		3/4		3/4		3/4	4,633.65	3/4	4,320.61	3/4	3,984.16	3/4	3,628.36	3/4	3,269.44	3/4	2,910.52		
<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>	4,627.08	<b>2</b>	4,313.88	<b>2</b>	3,976.92	<b>2</b>	3,620.88	<b>2</b>	3,261.96	<b>2</b>	2,903.04		
1/4		1/4		1/4		1/4		1/4	4,620.50	1/4	4,307.16	1/4	3,969.68	1/4	3,613.40	1/4	3,254.48	1/4	2,895.56		
1/2		1/2		1/2		1/2		1/2	4,614.17	1/2	4,300.40	1/2	3,962.40	1/2	3,605.92	1/2	3,247.00	1/2	2,888.08		
3/4		3/4		3/4		3/4		3/4	4,607.84	3/4	4,293.63	3/4	3,955.12	3/4	3,598.45	3/4	3,239.53	3/4	2,880.61		
<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>	4,601.51	<b>3</b>	4,286.87	<b>3</b>	3,947.84	<b>3</b>	3,590.97	<b>3</b>	3,232.05	<b>3</b>	2,873.13		
1/4		1/4		1/4		1/4		1/4	4,595.18	1/4	4,280.11	1/4	3,940.56	1/4	3,583.49	1/4	3,224.57	1/4	2,865.65		
1/2		1/2		1/2		1/2		1/2	4,588.81	1/2	4,273.29	1/2	3,933.24	1/2	3,576.01	1/2	3,217.09	1/2	2,858.17		
3/4		3/4		3/4		3/4		3/4	4,582.45	3/4	4,266.47	3/4	3,925.93	3/4	3,568.54	3/4	3,209.62	3/4	2,850.70		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	4,576.08	<b>4</b>	4,259.65	<b>4</b>	3,918.61	<b>4</b>	3,561.06	<b>4</b>	3,202.14	<b>4</b>	2,843.22		
1/4		1/4		1/4		1/4		1/4	4,569.72	1/4	4,252.83	1/4	3,911.30	1/4	3,553.58	1/4	3,194.66	1/4	2,835.74		
1/2		1/2		1/2		1/2		1/2	4,563.32	1/2	4,245.93	1/2	3,903.95	1/2	3,546.10	1/2	3,187.18	1/2	2,828.26		
3/4		3/4		3/4		3/4		3/4	4,556.91	3/4	4,239.04	3/4	3,896.60	3/4	3,538.63	3/4	3,179.71	3/4	2,820.79		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	4,550.51	<b>5</b>	4,232.14	<b>5</b>	3,889.24	<b>5</b>	3,531.15	<b>5</b>	3,172.23	<b>5</b>	2,813.31		
1/4		1/4		1/4		1/4		1/4	4,544.11	1/4	4,225.24	1/4	3,881.89	1/4	3,523.67	1/4	3,164.75	1/4	2,805.83		
1/2		1/2		1/2		1/2		1/2	4,537.67	1/2	4,218.29	1/2	3,874.51	1/2	3,516.19	1/2	3,157.27	1/2	2,798.35		
3/4		3/4		3/4		3/4		3/4	4,531.23	3/4	4,211.33	3/4	3,867.12	3/4	3,508.72	3/4	3,149.80	3/4	2,790.88		
<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>	4,524.80	<b>6</b>	4,204.38	<b>6</b>	3,859.73	<b>6</b>	3,501.24	<b>6</b>	3,142.32	<b>6</b>	2,783.40		
1/4		1/4		1/4		1/4		1/4	4,518.36	1/4	4,197.42	1/4	3,852.34	1/4	3,493.76	1/4	3,134.84	1/4	2,775.92		
1/2		1/2		1/2		1/2		1/2	4,511.89	1/2	4,190.43	1/2	3,844.92	1/2	3,486.28	1/2	3,127.36	1/2	2,768.44		
3/4		3/4		3/4		3/4		3/4	4,505.41	3/4	4,183.44	3/4	3,837.50	3/4	3,478.81	3/4	3,119.89	3/4	2,760.97		
<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>	4,498.94	<b>7</b>	4,176.45	<b>7</b>	3,830.07	<b>7</b>	3,471.33	<b>7</b>	3,112.41	<b>7</b>	2,753.49		
1/4		1/4		1/4		1/4		1/4	4,492.46	1/4	4,169.46	1/4	3,822.65	1/4	3,463.85	1/4	3,104.93	1/4	2,746.01		
1/2		1/2		1/2		1/2		1/2	4,485.95	1/2	4,162.43	1/2	3,815.20	1/2	3,456.37	1/2	3,097.45	1/2	2,738.53		
3/4		3/4		3/4		3/4		3/4	4,479.44	3/4	4,155.40	3/4	3,807.74	3/4	3,448.90	3/4	3,089.98	3/4	2,731.06		
<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>	4,472.93	<b>8</b>	4,148.38	<b>8</b>	3,800.29	<b>8</b>	3,441.42	<b>8</b>	3,082.50	<b>8</b>	2,723.58		
1/4		1/4		1/4		1/4	4,780.32	1/4	4,466.42	1/4	4,141.35	1/4	3,792.83	1/4	3,433.94	1/4	3,075.02	1/4	2,716.10		
1/2		1/2		1/2		1/2	4,775.11	1/2	4,459.88	1/2	4,134.29	1/2	3,785.36	1/2	3,426.46	1/2	3,067.54	1/2	2,708.62		
3/4		3/4		3/4		3/4	4,769.90	3/4	4,453.33	3/4	4,127.22	3/4	3,777.89	3/4	3,418.99	3/4	3,060.07	3/4	2,701.15		
<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>	4,764.69	<b>9</b>	4,446.79	<b>9</b>	4,120.16	<b>9</b>	3,770.42	<b>9</b>	3,411.51	<b>9</b>	3,052.59	<b>9</b>	2,693.67
1/4		1/4		1/4		1/4	4,759.47	1/4	4,440.24	1/4	4,113.10	1/4	3,762.95	1/4	3,404.03	1/4	3,045.11	1/4	2,686.19		
1/2		1/2		1/2		1/2	4,753.04	1/2	4,433.66	1/2	4,106.00	1/2	3,755.47	1/2	3,396.55	1/2	3,037.63	1/2	2,678.71		
3/4		3/4		3/4		3/4	4,746.60	3/4	4,427.08	3/4	4,098.90	3/4	3,748.00	3/4	3,389.08	3/4	3,030.16	3/4	2,671.24		
<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>	4,740.16	<b>10</b>	4,420.49	<b>10</b>	4,091.80	<b>10</b>	3,740.52	<b>10</b>	3,022.68	<b>10</b>	2,663.76		
1/4		1/4		1/4		1/4	4,733.72	1/4	4,413.91	1/4	4,084.70	1/4	3,733.04	1/4	3,374.12	1/4	3,015.20	1/4	2,656.28		
1/2		1/2		1/2		1/2	4,726.50	1/2	4,407.29	1/2	4,077.57	1/2	3,725.56	1/2	3,366.64	1/2	3,007.72	1/2	2,648.80		
3/4		3/4		3/4		3/4	4,719.29	3/4	4,400.68	3/4	4,070.43	3/4	3,718.09	3/4	3,359.17	3/4	3,000.25	3/4	2,641.33		
<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>	4,712.07	<b>11</b>	4,394.06	<b>11</b>	4,063.30	<b>11</b>	3,351.69	<b>11</b>	2,992.77	<b>11</b>	2,633.85		
1/4		1/4		1/4		1/4	4,704.85	1/4	4,387.44	1/4	4,056.16	1/4	3,703.13	1/4	3,344.21	1/4	2,985.29	1/4	2,626.37		
1/2		1/2		1/2		1/2	4,697.46	1/2	4,380.79	1/2	4,048.99	1/2	3,695.65	1/2	3,336.73	1/2	2,977.81	1/2	2,618.89		
3/4		3/4		3/4		3/4	4,690.07	3/4	4,374.13	3/4	4,041.82	3/4	3,688.18	3/4	3,329.26	3/4	2,970.34	3/4	2,611.42		

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 49'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27765"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,603.94	0	2,245.02	0	1,886.10	0	1,527.17	0	1,173.65	0	829.80	0	477.87	0	122.84	0		0	
1/4	2,596.46	1/4	2,237.54	1/4	1,878.62	1/4	1,519.69	1/4	1,166.49	1/4	822.47	1/4	470.62	1/4	116.05	1/4		1/4	
1/2	2,588.98	1/2	2,230.06	1/2	1,871.14	1/2	1,512.29	1/2	1,159.34	1/2	815.00	1/2	463.16	1/2	109.28	1/2		1/2	
3/4	2,581.51	3/4	2,222.59	3/4	1,863.66	3/4	1,504.90	3/4	1,152.19	3/4	807.52	3/4	455.71	3/4	102.50	3/4		3/4	
1	2,574.03	1	2,215.11	1	1,856.19	1	1,497.50	1	1,145.04	1	800.04	1	448.25	1	95.73	1		1	
1/4	2,566.55	1/4	2,207.63	1/4	1,848.71	1/4	1,490.10	1/4	1,137.89	1/4	792.56	1/4	440.80	1/4	88.96	1/4		1/4	
1/2	2,559.07	1/2	2,200.15	1/2	1,841.23	1/2	1,482.79	1/2	1,130.74	1/2	785.08	1/2	433.35	1/2	81.77	1/2		1/2	
3/4	2,551.60	3/4	2,192.68	3/4	1,833.75	3/4	1,475.47	3/4	1,123.59	3/4	777.61	3/4	425.90	3/4	74.59	3/4		3/4	
2	2,544.12	2	2,185.20	2	1,826.27	2	1,468.16	2	1,116.45	2	770.13	2	418.45	2	67.41	2		2	
1/4	2,536.64	1/4	2,177.72	1/4	1,818.80	1/4	1,460.84	1/4	1,109.30	1/4	762.65	1/4	411.00	1/4	60.23	1/4		1/4	
1/2	2,529.16	1/2	2,170.24	1/2	1,811.32	1/2	1,453.52	1/2	1,102.15	1/2	755.17	1/2	403.55	1/2	53.42	1/2		1/2	
3/4	2,521.69	3/4	2,162.77	3/4	1,803.84	3/4	1,446.21	3/4	1,095.00	3/4	747.69	3/4	396.09	3/4	46.62	3/4		3/4	
3	2,514.21	3	2,155.29	3	1,796.36	3	1,438.89	3	1,087.85	3	740.22	3	388.64	3	39.81	3		3	
1/4	2,506.73	1/4	2,147.81	1/4	1,788.89	1/4	1,431.58	1/4	1,080.71	1/4	732.74	1/4	381.18	1/4	33.01	1/4		1/4	
1/2	2,499.25	1/2	2,140.33	1/2	1,781.41	1/2	1,424.26	1/2	1,073.56	1/2	725.26	1/2	373.71	1/2	28.03	1/2		1/2	
3/4	2,491.78	3/4	2,132.86	3/4	1,773.93	3/4	1,416.95	3/4	1,066.41	3/4	717.78	3/4	366.24	3/4	23.04	3/4		3/4	
4	2,484.30	4	2,125.38	4	1,766.45	4	1,409.63	4	1,059.26	4	710.30	4	358.77	4		4		4	
1/4	2,476.82	1/4	2,117.90	1/4	1,758.98	1/4	1,402.31	1/4	1,052.11	1/4	702.83	1/4	351.30	1/4		1/4		1/4	
1/2	2,469.34	1/2	2,110.42	1/2	1,751.50	1/2	1,395.00	1/2	1,044.97	1/2	695.35	1/2	343.82	1/2		1/2		1/2	
3/4	2,461.87	3/4	2,102.95	3/4	1,744.02	3/4	1,387.68	3/4	1,037.82	3/4	687.87	3/4	336.35	3/4		3/4		3/4	
5	2,454.39	5	2,095.47	5	1,736.54	5	1,380.37	5	1,030.67	5	680.39	5	328.87	5		5		5	
1/4	2,446.91	1/4	2,087.99	1/4	1,729.06	1/4	1,373.05	1/4	1,023.52	1/4	672.91	1/4	321.39	1/4		1/4		1/4	
1/2	2,439.43	1/2	2,080.51	1/2	1,721.59	1/2	1,365.73	1/2	1,016.37	1/2	665.44	1/2	313.92	1/2		1/2		1/2	
3/4	2,431.96	3/4	2,073.04	3/4	1,714.11	3/4	1,358.42	3/4	1,009.23	3/4	657.96	3/4	306.44	3/4		3/4		3/4	
6	2,424.48	6	2,065.56	6	1,706.63	6	1,351.10	6	1,002.08	6	650.48	6	298.96	6		6		6	
1/4	2,417.00	1/4	2,058.08	1/4	1,699.15	1/4	1,343.79	1/4	994.93	1/4	643.00	1/4	291.48	1/4		1/4		1/4	
1/2	2,409.52	1/2	2,050.60	1/2	1,691.68	1/2	1,336.39	1/2	987.78	1/2	635.52	1/2	284.01	1/2		1/2		1/2	
3/4	2,402.05	3/4	2,043.13	3/4	1,684.20	3/4	1,328.99	3/4	980.64	3/4	628.05	3/4	276.53	3/4		3/4		3/4	
7	2,394.57	7	2,035.65	7	1,676.72	7	1,321.59	7	973.49	7	620.57	7	269.05	7		7		7	
1/4	2,387.09	1/4	2,028.17	1/4	1,669.24	1/4	1,314.20	1/4	966.34	1/4	613.09	1/4	261.58	1/4		1/4		1/4	
1/2	2,379.61	1/2	2,020.69	1/2	1,661.77	1/2	1,306.72	1/2	959.19	1/2	605.61	1/2	254.11	1/2		1/2		1/2	
3/4	2,372.14	3/4	2,013.22	3/4	1,654.29	3/4	1,299.24	3/4	952.04	3/4	598.13	3/4	246.64	3/4		3/4		3/4	
8	2,364.66	8	2,005.74	8	1,646.81	8	1,291.76	8	944.90	8	590.65	8	239.17	8		8		8	
1/4	2,357.18	1/4	1,998.26	1/4	1,639.33	1/4	1,284.28	1/4	937.75	1/4	583.17	1/4	231.70	1/4		1/4		1/4	
1/2	2,349.70	1/2	1,990.78	1/2	1,631.85	1/2	1,276.80	1/2	930.60	1/2	575.92	1/2	224.24	1/2		1/2		1/2	
3/4	2,342.23	3/4	1,983.31	3/4	1,624.38	3/4	1,269.33	3/4	923.45	3/4	568.66	3/4	216.78	3/4		3/4		3/4	
9	2,334.75	9	1,975.83	9	1,616.90	9	1,261.85	9	916.30	9	561.40	9	209.33	9		9		9	
1/4	2,327.27	1/4	1,968.35	1/4	1,609.42	1/4	1,254.37	1/4	909.15	1/4	554.14	1/4	201.87	1/4		1/4		1/4	
1/2	2,319.79	1/2	1,960.87	1/2	1,601.94	1/2	1,246.89	1/2	901.98	1/2	547.33	1/2	194.43	1/2		1/2		1/2	
3/4	2,312.32	3/4	1,953.40	3/4	1,594.47	3/4	1,239.41	3/4	894.82	3/4	540.51	3/4	186.98	3/4		3/4		3/4	
10	2,304.84	10	1,945.92	10	1,586.99	10	1,231.93	10	887.66	10	533.70	10	179.54	10		10		10	
1/4	2,297.36	1/4	1,938.44	1/4	1,579.51	1/4	1,224.46	1/4	880.49	1/4	526.88	1/4	172.09	1/4		1/4		1/4	
1/2	2,289.88	1/2	1,930.96	1/2	1,572.03	1/2	1,217.13	1/2	873.31	1/2	520.07	1/2	164.87	1/2		1/2		1/2	
3/4	2,282.41	3/4	1,923.49	3/4	1,564.56	3/4	1,209.80	3/4	866.14	3/4	513.25	3/4	157.64	3/4		3/4		3/4	
11	2,274.93	11	1,916.01	11	1,557.08	11	1,202.47	11	858.96	11	506.44	11	150.42	11		11		11	
1/4	2,267.45	1/4	1,908.53	1/4	1,549.60	1/4	1,195.15	1/4	851.78	1/4	499.62	1/4	143.19	1/4		1/4		1/4	
1/2	2,259.97	1/2	1,901.05	1/2	1,542.12	1/2	1,187.98	1/2	844.46	1/2	492.37	1/2	136.41	1/2		1/2		1/2	
3/4	2,252.50	3/4	1,893.57	3/4	1,534.64	3/4	1,180.82	3/4	837.13	3/4	485.12	3/4	129.62	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
REPRINTED: 06/30/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2011

PRECISION MEASUREMENT  
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# BARGE "KIRBY 27765"

## 2 STBD 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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
	4,683.76		4,369.76		4,035.92		4,028.71		3,681.37		3,681.37		3,681.37		3,322.46		2,963.54		2,963.54		
1/4	4,676.65	1/4	4,363.08	1/4	4,028.71	1/4	3,673.90	1/4	3,314.98	1/4	3,314.98	1/4	3,314.98	1/4	3,000.00	1/4	2,956.07	1/4	2,956.07		
1/2	4,669.53	1/2	4,356.39	1/2	4,021.51	1/2	3,666.42	1/2	3,307.50	1/2	3,307.50	1/2	3,307.50	1/2	3,000.00	1/2	2,948.59	1/2	2,948.59		
3/4	4,662.41	3/4	4,349.70	3/4	4,014.30	3/4	3,658.94	3/4	3,300.03	3/4	3,300.03	3/4	3,300.03	3/4	3,000.00	3/4	2,941.11	3/4	2,941.11		
<b>1</b>	<b>4,655.83</b>	<b>1</b>	<b>4,342.97</b>	<b>1</b>	<b>4,007.06</b>	<b>1</b>	<b>3,651.46</b>	<b>1</b>	<b>3,292.55</b>	<b>1</b>	<b>3,292.55</b>	<b>1</b>	<b>3,292.55</b>	<b>1</b>	<b>3,000.00</b>	<b>1</b>	<b>2,933.63</b>	<b>1</b>	<b>2,933.63</b>		
1/4	4,649.26	1/4	4,336.24	1/4	3,999.81	1/4	3,643.99	1/4	3,285.07	1/4	3,285.07	1/4	3,285.07	1/4	3,000.00	1/4	2,926.16	1/4	2,926.16		
1/2	4,642.68	1/2	4,329.52	1/2	3,992.57	1/2	3,636.51	1/2	3,277.59	1/2	3,277.59	1/2	3,277.59	1/2	3,000.00	1/2	2,918.68	1/2	2,918.68		
3/4	4,636.10	3/4	4,322.79	3/4	3,985.33	3/4	3,629.03	3/4	3,270.12	3/4	3,270.12	3/4	3,270.12	3/4	3,000.00	3/4	2,911.20	3/4	2,911.20		
<b>2</b>	<b>4,629.77</b>	<b>2</b>	<b>4,316.03</b>	<b>2</b>	<b>3,978.05</b>	<b>2</b>	<b>3,621.55</b>	<b>2</b>	<b>3,262.64</b>	<b>2</b>	<b>3,262.64</b>	<b>2</b>	<b>3,262.64</b>	<b>2</b>	<b>3,000.00</b>	<b>2</b>	<b>2,903.72</b>	<b>2</b>	<b>2,903.72</b>		
1/4	4,623.44	1/4	4,309.27	1/4	3,970.77	1/4	3,614.08	1/4	3,255.16	1/4	3,255.16	1/4	3,255.16	1/4	3,000.00	1/4	2,896.25	1/4	2,896.25		
1/2	4,617.12	1/2	4,302.51	1/2	3,963.49	1/2	3,606.60	1/2	3,247.68	1/2	3,247.68	1/2	3,247.68	1/2	3,000.00	1/2	2,888.77	1/2	2,888.77		
3/4	4,610.79	3/4	4,295.75	3/4	3,956.21	3/4	3,599.12	3/4	3,240.21	3/4	3,240.21	3/4	3,240.21	3/4	3,000.00	3/4	2,881.29	3/4	2,881.29		
<b>3</b>	<b>4,604.42</b>	<b>3</b>	<b>4,288.93</b>	<b>3</b>	<b>3,948.90</b>	<b>3</b>	<b>3,591.65</b>	<b>3</b>	<b>3,232.73</b>	<b>3</b>	<b>3,232.73</b>	<b>3</b>	<b>3,232.73</b>	<b>3</b>	<b>3,000.00</b>	<b>3</b>	<b>2,873.81</b>	<b>3</b>	<b>2,873.81</b>		
1/4	4,598.06	1/4	4,282.11	1/4	3,941.58	1/4	3,584.17	1/4	3,225.25	1/4	3,225.25	1/4	3,225.25	1/4	3,000.00	1/4	2,866.34	1/4	2,866.34		
1/2	4,591.69	1/2	4,275.29	1/2	3,934.27	1/2	3,576.69	1/2	3,217.78	1/2	3,217.78	1/2	3,217.78	1/2	3,000.00	1/2	2,858.86	1/2	2,858.86		
3/4	4,585.33	3/4	4,268.47	3/4	3,926.95	3/4	3,569.21	3/4	3,210.30	3/4	3,210.30	3/4	3,210.30	3/4	3,000.00	3/4	2,851.38	3/4	2,851.38		
<b>4</b>	<b>4,578.93</b>	<b>4</b>	<b>4,261.57</b>	<b>4</b>	<b>3,919.60</b>	<b>4</b>	<b>3,561.74</b>	<b>4</b>	<b>3,202.82</b>	<b>4</b>	<b>3,202.82</b>	<b>4</b>	<b>3,202.82</b>	<b>4</b>	<b>3,000.00</b>	<b>4</b>	<b>2,843.91</b>	<b>4</b>	<b>2,843.91</b>		
1/4	4,572.52	1/4	4,254.68	1/4	3,912.25	1/4	3,554.26	1/4	3,195.34	1/4	3,195.34	1/4	3,195.34	1/4	3,000.00	1/4	2,836.43	1/4	2,836.43		
1/2	4,566.12	1/2	4,247.78	1/2	3,904.90	1/2	3,546.78	1/2	3,187.87	1/2	3,187.87	1/2	3,187.87	1/2	3,000.00	1/2	2,828.95	1/2	2,828.95		
3/4	4,559.72	3/4	4,240.88	3/4	3,897.55	3/4	3,539.30	3/4	3,180.39	3/4	3,180.39	3/4	3,180.39	3/4	3,000.00	3/4	2,821.47	3/4	2,821.47		
<b>5</b>	<b>4,553.29</b>	<b>5</b>	<b>4,233.93</b>	<b>5</b>	<b>3,890.16</b>	<b>5</b>	<b>3,531.83</b>	<b>5</b>	<b>3,172.91</b>	<b>5</b>	<b>3,172.91</b>	<b>5</b>	<b>3,172.91</b>	<b>5</b>	<b>3,000.00</b>	<b>5</b>	<b>2,814.00</b>	<b>5</b>	<b>2,814.00</b>		
1/4	4,546.85	1/4	4,226.97	1/4	3,882.77	1/4	3,524.35	1/4	3,165.43	1/4	3,165.43	1/4	3,165.43	1/4	3,000.00	1/4	2,806.52	1/4	2,806.52		
1/2	4,540.41	1/2	4,220.02	1/2	3,875.38	1/2	3,516.87	1/2	3,157.96	1/2	3,157.96	1/2	3,157.96	1/2	3,000.00	1/2	2,799.04	1/2	2,799.04		
3/4	4,533.97	3/4	4,213.06	3/4	3,868.00	3/4	3,509.39	3/4	3,150.48	3/4	3,150.48	3/4	3,150.48	3/4	3,000.00	3/4	2,791.56	3/4	2,791.56		
<b>6</b>	<b>4,527.50</b>	<b>6</b>	<b>4,206.07</b>	<b>6</b>	<b>3,860.57</b>	<b>6</b>	<b>3,501.92</b>	<b>6</b>	<b>3,143.00</b>	<b>6</b>	<b>3,143.00</b>	<b>6</b>	<b>3,143.00</b>	<b>6</b>	<b>3,000.00</b>	<b>6</b>	<b>2,784.09</b>	<b>6</b>	<b>2,784.09</b>		
1/4	4,521.03	1/4	4,199.08	1/4	3,853.15	1/4	3,494.44	1/4	3,135.52	1/4	3,135.52	1/4	3,135.52	1/4	3,000.00	1/4	2,776.61	1/4	2,776.61		
1/2	4,514.55	1/2	4,192.09	1/2	3,845.73	1/2	3,486.96	1/2	3,128.05	1/2	3,128.05	1/2	3,128.05	1/2	3,000.00	1/2	2,769.13	1/2	2,769.13		
3/4	4,508.08	3/4	4,185.10	3/4	3,838.30	3/4	3,479.48	3/4	3,120.57	3/4	3,120.57	3/4	3,120.57	3/4	3,000.00	3/4	2,761.65	3/4	2,761.65		
<b>7</b>	<b>4,501.57</b>	<b>7</b>	<b>4,178.08</b>	<b>7</b>	<b>3,830.85</b>	<b>7</b>	<b>3,472.01</b>	<b>7</b>	<b>3,113.09</b>	<b>7</b>	<b>3,113.09</b>	<b>7</b>	<b>3,113.09</b>	<b>7</b>	<b>3,000.00</b>	<b>7</b>	<b>2,754.18</b>	<b>7</b>	<b>2,754.18</b>		
1/4	4,495.06	1/4	4,171.05	1/4	3,823.39	1/4	3,464.53	1/4	3,105.61	1/4	3,105.61	1/4	3,105.61	1/4	3,000.00	1/4	2,746.70	1/4	2,746.70		
1/2	4,488.55	1/2	4,164.02	1/2	3,815.94	1/2	3,457.05	1/2	3,098.14	1/2	3,098.14	1/2	3,098.14	1/2	3,000.00	1/2	2,739.22	1/2	2,739.22		
3/4	4,482.04	3/4	4,157.00	3/4	3,808.48	3/4	3,449.57	3/4	3,090.66	3/4	3,090.66	3/4	3,090.66	3/4	3,000.00	3/4	2,731.74	3/4	2,731.74		
<b>8</b>	<b>4,475.50</b>	<b>8</b>	<b>4,149.93</b>	<b>8</b>	<b>3,801.01</b>	<b>8</b>	<b>3,442.10</b>	<b>8</b>	<b>3,083.18</b>	<b>8</b>	<b>3,083.18</b>	<b>8</b>	<b>3,083.18</b>	<b>8</b>	<b>3,000.00</b>	<b>8</b>	<b>2,724.27</b>	<b>8</b>	<b>2,724.27</b>		
1/4	4,479.72	1/4	4,142.87	1/4	3,793.53	1/4	3,434.62	1/4	3,075.70	1/4	3,075.70	1/4	3,075.70	1/4	3,000.00	1/4	2,716.79	1/4	2,716.79		
1/2	4,473.51	1/2	4,135.81	1/2	3,786.06	1/2	3,427.14	1/2	3,068.23	1/2	3,068.23	1/2	3,068.23	1/2	3,000.00	1/2	2,709.31	1/2	2,709.31		
3/4	4,467.30	3/4	4,128.74	3/4	3,778.58	3/4	3,419.67	3/4	3,060.75	3/4	3,060.75	3/4	3,060.75	3/4	3,000.00	3/4	2,701.83	3/4	2,701.83		
<b>9</b>	<b>4,461.10</b>	<b>9</b>	<b>4,121.65</b>	<b>9</b>	<b>3,771.10</b>	<b>9</b>	<b>3,412.19</b>	<b>9</b>	<b>3,053.27</b>	<b>9</b>	<b>3,053.27</b>	<b>9</b>	<b>3,053.27</b>	<b>9</b>	<b>3,000.00</b>	<b>9</b>	<b>2,694.36</b>	<b>9</b>	<b>2,694.36</b>		
1/4	4,455.12	1/4	4,114.55	1/4	3,763.63	1/4	3,404.71	1/4	3,045.80	1/4	3,045.80	1/4	3,045.80	1/4	3,000.00	1/4	2,686.88	1/4	2,686.88		
1/2	4,449.22	1/2	4,107.45	1/2	3,756.15	1/2	3,397.23	1/2	3,038.32	1/2	3,038.32	1/2	3,038.32	1/2	3,000.00	1/2	2,679.40	1/2	2,679.40		
3/4	4,443.39	3/4	4,100.35	3/4	3,748.67	3/4	3,389.76	3/4	3,030.84	3/4	3,030.84	3/4	3,030.84	3/4	3,000.00	3/4	2,671.93	3/4	2,671.93		
<b>10</b>	<b>4,437.51</b>	<b>10</b>	<b>4,093.22</b>	<b>10</b>	<b>3,741.19</b>	<b>10</b>	<b>3,382.28</b>	<b>10</b>	<b>3,023.36</b>	<b>10</b>	<b>3,023.36</b>	<b>10</b>	<b>3,023.36</b>	<b>10</b>	<b>3,000.00</b>	<b>10</b>	<b>2,664.45</b>	<b>10</b>	<b>2,664.45</b>		
1/4	4,431.66	1/4	4,086.08	1/4	3,733.72	1/4	3,374.80	1/4	3,015.89	1/4	3,015.89	1/4	3,015.89	1/4	3,000.00	1/4	2,656.97	1/4	2,656.97		
1/2	4,425.87	1/2	4,078.95	1/2	3,726.24	1/2	3,367.32	1/2	3,008.41	1/2	3,008.41	1/2	3,008.41	1/2	3,000.00	1/2	2,649.49	1/2	2,649.49		
3/4	4,420.12	3/4	4,071.81	3/4	3,718.76	3/4	3,359.85	3/4	3,000.93	3/4	3,000.93	3/4	3,000.93	3/4	3,000.00	3/4	2,642.02	3/4	2,642.02		
<b>11</b>	<b>4,414.51</b>	<b>11</b>	<b>4,064.64</b>	<b>11</b>	<b>3,711.28</b>	<b>11</b>	<b>3,352.37</b>	<b>11</b>	<b>2,993.45</b>	<b>11</b>	<b>2,993.45</b>	<b>11</b>	<b>2,993.45</b>	<b>11</b>	<b>3,000.00</b>	<b>11</b>	<b>2,634.54</b>	<b>11</b>	<b>2,634.54</b>		
1/4	4,408.72	1/4	4,057.47	1/4	3,703.81	1/4	3,344.89	1/4	2,985.98	1/4	2,985.98	1/4	2,985.98	1/4	3,000.00	1/4	2,627.06	1/4	2,627.06		
1/2	4,402.98	1/2	4,050.30	1/2	3,696.33	1/2	3,337.41	1/2	2,978.50	1/2	2,978.50	1/2	2,978.50	1/2	3,000.00	1/2	2,619.58	1/2	2,619.58		
3/4	4,407.28	3/4	4,043.13	3/4	3,688.85	3/4	3,329.94	3/4	2,971.02	3/4	2,971.02	3/4	2,971.02	3/4	3,000.00	3/4	2,612.11	3/4	2,612.11		

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 49'-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 27765"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,604.63	0	2,245.71	0	1,886.79	0	1,527.95	0	1,172.89	0	814.99	0	463.16	0	109.28	0		0	
1/4	2,597.15	1/4	2,238.24	1/4	1,879.31	1/4	1,520.55	1/4	1,165.44	1/4	807.51	1/4	455.71	1/4	102.51	1/4		1/4	
1/2	2,589.67	1/2	2,230.76	1/2	1,871.84	1/2	1,513.15	1/2	1,157.98	1/2	800.03	1/2	448.25	1/2	95.73	1/2		1/2	
3/4	2,582.20	3/4	2,223.28	3/4	1,864.36	3/4	1,505.76	3/4	1,150.53	3/4	792.56	3/4	440.80	3/4	88.96	3/4		3/4	
1	2,574.72	1	2,215.80	1	1,856.88	1	1,498.44	1	1,143.08	1	785.08	1	433.35	1	81.78	1		1	
1/4	2,567.24	1/4	2,208.33	1/4	1,849.40	1/4	1,491.13	1/4	1,135.63	1/4	777.60	1/4	425.90	1/4	74.59	1/4		1/4	
1/2	2,559.76	1/2	2,200.85	1/2	1,841.92	1/2	1,483.81	1/2	1,128.19	1/2	770.12	1/2	418.45	1/2	67.41	1/2		1/2	
3/4	2,552.29	3/4	2,193.37	3/4	1,834.45	3/4	1,476.49	3/4	1,120.74	3/4	762.64	3/4	411.00	3/4	60.23	3/4		3/4	
2	2,544.81	2	2,185.89	2	1,826.97	2	1,469.18	2	1,113.29	2	755.17	2	403.55	2	53.43	2		2	
1/4	2,537.33	1/4	2,178.42	1/4	1,819.49	1/4	1,461.86	1/4	1,105.84	1/4	747.69	1/4	396.09	1/4	46.62	1/4		1/4	
1/2	2,529.85	1/2	2,170.94	1/2	1,812.01	1/2	1,454.55	1/2	1,098.39	1/2	740.21	1/2	388.64	1/2	39.82	1/2		1/2	
3/4	2,522.38	3/4	2,163.46	3/4	1,804.54	3/4	1,447.23	3/4	1,090.94	3/4	732.73	3/4	381.18	3/4	33.01	3/4		3/4	
3	2,514.90	3	2,155.98	3	1,797.06	3	1,439.92	3	1,083.49	3	725.25	3	373.71	3	28.03	3		3	
1/4	2,507.42	1/4	2,148.51	1/4	1,789.58	1/4	1,432.60	1/4	1,076.04	1/4	717.78	1/4	366.24	1/4	23.04	1/4		1/4	
1/2	2,499.94	1/2	2,141.03	1/2	1,782.10	1/2	1,425.29	1/2	1,068.59	1/2	710.30	1/2	358.77	1/2		1/2		1/2	
3/4	2,492.47	3/4	2,133.55	3/4	1,774.63	3/4	1,417.97	3/4	1,061.14	3/4	702.82	3/4	351.30	3/4		3/4		3/4	
4	2,484.99	4	2,126.07	4	1,767.15	4	1,410.65	4	1,053.69	4	695.34	4	343.82	4		4		4	
1/4	2,477.51	1/4	2,118.60	1/4	1,759.67	1/4	1,403.34	1/4	1,046.25	1/4	687.86	1/4	336.35	1/4		1/4		1/4	
1/2	2,470.04	1/2	2,111.12	1/2	1,752.19	1/2	1,396.02	1/2	1,038.80	1/2	680.39	1/2	328.87	1/2		1/2		1/2	
3/4	2,462.56	3/4	2,103.64	3/4	1,744.72	3/4	1,388.71	3/4	1,031.35	3/4	672.91	3/4	321.39	3/4		3/4		3/4	
5	2,455.08	5	2,096.17	5	1,737.24	5	1,381.39	5	1,023.90	5	665.43	5	313.91	5		5		5	
1/4	2,447.60	1/4	2,088.69	1/4	1,729.76	1/4	1,374.07	1/4	1,016.45	1/4	657.95	1/4	306.44	1/4		1/4		1/4	
1/2	2,440.13	1/2	2,081.21	1/2	1,722.28	1/2	1,366.76	1/2	1,009.00	1/2	650.47	1/2	298.96	1/2		1/2		1/2	
3/4	2,432.65	3/4	2,073.73	3/4	1,714.81	3/4	1,359.44	3/4	1,001.55	3/4	642.99	3/4	291.48	3/4		3/4		3/4	
6	2,425.17	6	2,066.26	6	1,707.33	6	1,352.04	6	994.10	6	635.52	6	284.01	6		6		6	
1/4	2,417.69	1/4	2,058.78	1/4	1,699.85	1/4	1,344.65	1/4	986.65	1/4	628.04	1/4	276.53	1/4		1/4		1/4	
1/2	2,410.22	1/2	2,051.30	1/2	1,692.37	1/2	1,337.25	1/2	979.20	1/2	620.56	1/2	269.05	1/2		1/2		1/2	
3/4	2,402.74	3/4	2,043.82	3/4	1,684.90	3/4	1,329.85	3/4	971.75	3/4	613.08	3/4	261.57	3/4		3/4		3/4	
7	2,395.26	7	2,036.35	7	1,677.42	7	1,322.37	7	964.31	7	605.60	7	254.10	7		7		7	
1/4	2,387.78	1/4	2,028.87	1/4	1,669.94	1/4	1,314.90	1/4	956.86	1/4	598.12	1/4	246.63	1/4		1/4		1/4	
1/2	2,380.31	1/2	2,021.39	1/2	1,662.46	1/2	1,307.42	1/2	949.41	1/2	590.65	1/2	239.16	1/2		1/2		1/2	
3/4	2,372.83	3/4	2,013.91	3/4	1,654.98	3/4	1,299.94	3/4	941.96	3/4	583.17	3/4	231.69	3/4		3/4		3/4	
8	2,365.35	8	2,006.44	8	1,647.51	8	1,292.46	8	934.51	8	575.91	8	224.24	8		8		8	
1/4	2,357.87	1/4	1,998.96	1/4	1,640.03	1/4	1,284.98	1/4	927.06	1/4	568.65	1/4	216.78	1/4		1/4		1/4	
1/2	2,350.40	1/2	1,991.48	1/2	1,632.55	1/2	1,277.51	1/2	919.61	1/2	561.40	1/2	209.33	1/2		1/2		1/2	
3/4	2,342.92	3/4	1,984.00	3/4	1,625.07	3/4	1,270.03	3/4	912.15	3/4	554.14	3/4	201.87	3/4		3/4		3/4	
9	2,335.44	9	1,976.52	9	1,617.60	9	1,262.55	9	904.69	9	547.32	9	194.43	9		9		9	
1/4	2,327.96	1/4	1,969.04	1/4	1,610.12	1/4	1,255.07	1/4	897.22	1/4	540.51	1/4	186.98	1/4		1/4		1/4	
1/2	2,320.49	1/2	1,961.57	1/2	1,602.64	1/2	1,247.59	1/2	889.76	1/2	533.69	1/2	179.54	1/2		1/2		1/2	
3/4	2,313.01	3/4	1,954.09	3/4	1,595.16	3/4	1,240.11	3/4	882.29	3/4	526.88	3/4	172.09	3/4		3/4		3/4	
10	2,305.53	10	1,946.61	10	1,587.69	10	1,232.64	10	874.81	10	520.06	10	164.87	10		10		10	
1/4	2,298.06	1/4	1,939.13	1/4	1,580.21	1/4	1,225.16	1/4	867.34	1/4	513.25	1/4	157.64	1/4		1/4		1/4	
1/2	2,290.58	1/2	1,931.66	1/2	1,572.73	1/2	1,217.68	1/2	859.86	1/2	506.43	1/2	150.42	1/2		1/2		1/2	
3/4	2,283.10	3/4	1,924.18	3/4	1,565.25	3/4	1,210.20	3/4	852.38	3/4	499.62	3/4	143.19	3/4		3/4		3/4	
11	2,275.62	11	1,916.70	11	1,557.78	11	1,202.73	11	844.90	11	492.37	11	136.41	11		11		11	
1/4	2,268.15	1/4	1,909.22	1/4	1,550.30	1/4	1,195.27	1/4	837.42	1/4	485.12	1/4	129.62	1/4		1/4		1/4	
1/2	2,260.67	1/2	1,901.75	1/2	1,542.82	1/2	1,187.80	1/2	829.95	1/2	477.87	1/2	122.84	1/2		1/2		1/2	
3/4	2,253.19	3/4	1,894.27	3/4	1,535.34	3/4	1,180.34	3/4	822.47	3/4	470.62	3/4	116.05	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
REPRINTED: 06/30/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2011

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



# BARGE "KIRBY 27765"

## 3 PORT 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	3,961.50	0	3,796.25	0	3,617.86	0	3,428.17	0	3,177.79	0	2,821.35
1/4		1/4		1/4		1/4		1/4	3,957.88	1/4	3,792.70	1/4	3,614.00	1/4	3,424.18	1/4	3,170.34	1/4	2,813.93
1/2		1/2		1/2		1/2		1/2	3,954.27	1/2	3,789.16	1/2	3,610.14	1/2	3,420.18	1/2	3,162.90	1/2	2,806.51
3/4		3/4		3/4		3/4		3/4	3,950.65	3/4	3,785.62	3/4	3,606.28	3/4	3,416.19	3/4	3,155.45	3/4	2,799.08
1		1		1		1		1	3,947.32	1	3,782.05	1	3,602.40	1	3,412.20	1	3,148.01	1	2,791.66
1/4		1/4		1/4		1/4		1/4	3,943.98	1/4	3,778.49	1/4	3,598.52	1/4	3,408.20	1/4	3,140.56	1/4	2,784.24
1/2		1/2		1/2		1/2		1/2	3,940.65	1/2	3,774.93	1/2	3,594.65	1/2	3,404.21	1/2	3,133.12	1/2	2,776.82
3/4		3/4		3/4		3/4		3/4	3,937.32	3/4	3,771.36	3/4	3,590.77	3/4	3,400.21	3/4	3,125.67	3/4	2,769.39
2		2		2		2		2	3,933.97	2	3,767.78	2	3,586.87	2	3,396.22	2	3,118.25	2	2,761.97
1/4		1/4		1/4		1/4		1/4	3,930.62	1/4	3,764.20	1/4	3,582.97	1/4	3,392.22	1/4	3,110.83	1/4	2,754.55
1/2		1/2		1/2		1/2		1/2	3,927.27	1/2	3,760.61	1/2	3,579.07	1/2	3,388.23	1/2	3,103.41	1/2	2,747.13
3/4		3/4		3/4		3/4		3/4	3,923.91	3/4	3,757.03	3/4	3,575.17	3/4	3,384.23	3/4	3,095.98	3/4	2,739.70
3		3		3		3		3	3,920.54	3	3,753.39	3	3,571.26	3	3,380.24	3	3,088.56	3	2,732.28
1/4		1/4		1/4		1/4		1/4	3,917.17	1/4	3,749.74	1/4	3,567.34	1/4	3,376.25	1/4	3,081.14	1/4	2,724.86
1/2		1/2		1/2		1/2		1/2	3,913.80	1/2	3,746.10	1/2	3,563.42	1/2	3,372.25	1/2	3,073.72	1/2	2,717.44
3/4		3/4		3/4		3/4		3/4	3,910.43	3/4	3,742.45	3/4	3,559.50	3/4	3,368.26	3/4	3,066.29	3/4	2,710.01
4		4		4		4		4	3,907.04	4	3,738.75	4	3,555.57	4	3,364.26	4	3,058.87	4	2,702.59
1/4		1/4		1/4		1/4		1/4	3,903.65	1/4	3,735.04	1/4	3,551.63	1/4	3,360.27	1/4	3,051.45	1/4	2,695.17
1/2		1/2		1/2		1/2		1/2	3,900.26	1/2	3,731.34	1/2	3,547.69	1/2	3,356.27	1/2	3,044.03	1/2	2,687.75
3/4		3/4		3/4		3/4		3/4	3,896.87	3/4	3,727.63	3/4	3,543.76	3/4	3,352.28	3/4	3,036.60	3/4	2,680.32
5		5		5		5		5	3,893.46	5	3,723.91	5	3,539.80	5	3,348.28	5	3,029.18	5	2,672.90
1/4		1/4		1/4		1/4		1/4	3,890.05	1/4	3,720.18	1/4	3,535.85	1/4	3,344.29	1/4	3,021.76	1/4	2,665.48
1/2		1/2		1/2		1/2		1/2	3,886.64	1/2	3,716.46	1/2	3,531.89	1/2	3,340.30	1/2	3,014.34	1/2	2,658.06
3/4		3/4		3/4		3/4		3/4	3,883.23	3/4	3,712.73	3/4	3,527.93	3/4	3,336.30	3/4	3,006.91	3/4	2,650.63
6		6		6		6		6	3,879.80	6	3,708.99	6	3,523.96	6	3,332.31	6	2,999.49	6	2,643.21
1/4		1/4		1/4		1/4		1/4	3,876.38	1/4	3,705.25	1/4	3,519.98	1/4	3,328.31	1/4	2,992.07	1/4	2,635.79
1/2		1/2		1/2		1/2		1/2	3,872.95	1/2	3,701.50	1/2	3,516.01	1/2	3,324.32	1/2	2,984.65	1/2	2,628.37
3/4		3/4		3/4		3/4		3/4	3,869.52	3/4	3,697.76	3/4	3,512.03	3/4	3,320.32	3/4	2,977.22	3/4	2,620.94
7		7		7		7		7	3,866.07	7	3,693.99	7	3,508.05	7	3,316.33	7	2,969.80	7	2,613.52
1/4		1/4		1/4		1/4		1/4	3,862.62	1/4	3,690.23	1/4	3,504.06	1/4	3,312.34	1/4	2,962.38	1/4	2,606.10
1/2		1/2		1/2		1/2		1/2	3,859.17	1/2	3,686.47	1/2	3,500.07	1/2	3,308.34	1/2	2,954.96	1/2	2,598.68
3/4		3/4		3/4		3/4		3/4	4,020.07	3/4	3,855.73	3/4	3,682.70	3/4	3,496.08	3/4	3,304.35	3/4	2,947.53
8		8		8		8		8	3,852.26	8	3,678.92	8	3,492.08	8	3,296.90	8	2,940.11	8	2,583.83
1/4		1/4		1/4		1/4		1/4	4,017.71	1/4	3,848.79	1/4	3,675.14	1/4	3,488.09	1/4	3,289.46	1/4	2,932.69
1/2		1/2		1/2		1/2		1/2	4,012.99	1/2	3,845.33	1/2	3,671.36	1/2	3,484.09	1/2	3,282.01	1/2	2,925.27
3/4		3/4		3/4		3/4		3/4	4,010.64	3/4	3,841.86	3/4	3,667.57	3/4	3,480.10	3/4	3,274.57	3/4	2,917.84
9		9		9		9		9	4,007.08	9	3,838.37	9	3,663.77	9	3,476.11	9	3,267.12	9	2,910.42
1/4		1/4		1/4		1/4		1/4	4,003.51	1/4	3,834.89	1/4	3,659.97	1/4	3,472.11	1/4	3,259.68	1/4	2,903.00
1/2		1/2		1/2		1/2		1/2	3,999.95	1/2	3,831.40	1/2	3,656.17	1/2	3,468.12	1/2	3,252.23	1/2	2,895.58
3/4		3/4		3/4		3/4		3/4	3,996.39	3/4	3,827.91	3/4	3,652.37	3/4	3,464.12	3/4	3,244.79	3/4	2,888.15
10		10		10		10		10	3,992.48	10	3,824.41	10	3,648.54	10	3,460.13	10	3,237.34	10	2,880.73
1/4		1/4		1/4		1/4		1/4	3,988.57	1/4	3,820.90	1/4	3,644.72	1/4	3,456.13	1/4	3,229.90	1/4	2,873.31
1/2		1/2		1/2		1/2		1/2	3,984.66	1/2	3,817.40	1/2	3,640.90	1/2	3,452.14	1/2	3,222.45	1/2	2,865.89
3/4		3/4		3/4		3/4		3/4	3,980.75	3/4	3,813.89	3/4	3,637.08	3/4	3,448.14	3/4	3,215.01	3/4	2,858.46
11		11		11		11		11	3,976.84	11	3,810.37	11	3,633.24	11	3,444.15	11	3,207.57	11	2,851.04
1/4		1/4		1/4		1/4		1/4	3,972.93	1/4	3,806.84	1/4	3,629.40	1/4	3,440.16	1/4	3,200.12	1/4	2,843.62
1/2		1/2		1/2		1/2		1/2	3,969.02	1/2	3,803.32	1/2	3,625.56	1/2	3,436.16	1/2	3,192.68	1/2	2,836.20
3/4		3/4		3/4		3/4		3/4	3,965.11	3/4	3,799.79	3/4	3,621.72	3/4	3,432.17	3/4	3,185.23	3/4	2,828.77

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27765"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	2,465.07	1/4	2,108.79	1/4	1,752.51	1/4	1,396.87	1/4	1,046.73	1/4	701.36	1/4	355.96	1/4	51.35	1/4		1/4	
1/2	2,457.65	1/2	2,101.37	1/2	1,745.08	1/2	1,389.63	1/2	1,039.55	1/2	694.14	1/2	348.57	1/2	50.00	1/2		1/2	
3/4	2,450.23	3/4	2,093.95	3/4	1,737.66	3/4	1,382.39	3/4	1,032.36	3/4	686.92	3/4	341.17	3/4	48.65	3/4		3/4	
1	2,442.80	1	2,086.52	1	1,730.24	1	1,375.16	1	1,025.18	1	679.71	1	333.77	1	47.30	1		1	
1/4	2,435.38	1/4	2,079.10	1/4	1,722.81	1/4	1,367.89	1/4	1,017.99	1/4	672.49	1/4	326.37	1/4	46.79	1/4		1/4	
1/2	2,427.96	1/2	2,071.68	1/2	1,715.39	1/2	1,360.63	1/2	1,010.80	1/2	665.27	1/2	318.98	1/2	46.28	1/2		1/2	
3/4	2,420.54	3/4	2,064.26	3/4	1,707.97	3/4	1,353.37	3/4	1,003.62	3/4	658.05	3/4	311.58	3/4		3/4		3/4	
1	2,413.11	1	2,056.83	1	1,700.55	1	1,346.11	1	996.43	1	650.84	1	304.18	1		1		1	
1/4	2,405.69	1/4	2,049.41	1/4	1,693.12	1/4	1,338.85	1/4	989.25	1/4	643.62	1/4	296.77	1/4		1/4		1/4	
1/2	2,398.27	1/2	2,041.99	1/2	1,685.70	1/2	1,331.59	1/2	982.06	1/2	636.40	1/2	289.36	1/2		1/2		1/2	
3/4	2,390.85	3/4	2,034.57	3/4	1,678.28	3/4	1,324.33	3/4	974.88	3/4	629.19	3/4	281.94	3/4		3/4		3/4	
1	2,383.42	1	2,027.14	1	1,670.86	1	1,317.06	1	967.69	1	621.97	1	274.53	1		1		1	
1/4	2,376.00	1/4	2,019.72	1/4	1,663.43	1/4	1,309.80	1/4	960.50	1/4	614.75	1/4	267.11	1/4		1/4		1/4	
1/2	2,368.58	1/2	2,012.30	1/2	1,656.01	1/2	1,302.54	1/2	953.32	1/2	607.54	1/2	259.68	1/2		1/2		1/2	
3/4	2,361.16	3/4	2,004.88	3/4	1,648.59	3/4	1,295.28	3/4	946.13	3/4	600.32	3/4	252.25	3/4		3/4		3/4	
1	2,353.73	1	1,997.45	1	1,641.16	1	1,288.02	1	938.95	1	593.10	1	244.83	1		1		1	
1/4	2,346.31	1/4	1,990.03	1/4	1,633.74	1/4	1,280.75	1/4	931.76	1/4	585.88	1/4	237.40	1/4		1/4		1/4	
1/2	2,338.89	1/2	1,982.61	1/2	1,626.32	1/2	1,273.49	1/2	924.58	1/2	578.67	1/2	229.97	1/2		1/2		1/2	
3/4	2,331.47	3/4	1,975.19	3/4	1,618.90	3/4	1,266.23	3/4	917.39	3/4	571.45	3/4	222.55	3/4		3/4		3/4	
1	2,324.04	1	1,967.76	1	1,611.47	1	1,258.97	1	910.20	1	564.23	1	215.12	1		1		1	
1/4	2,316.62	1/4	1,960.34	1/4	1,604.05	1/4	1,251.72	1/4	903.02	1/4	556.81	1/4	207.69	1/4		1/4		1/4	
1/2	2,309.20	1/2	1,952.92	1/2	1,596.63	1/2	1,244.48	1/2	895.83	1/2	549.38	1/2	200.27	1/2		1/2		1/2	
3/4	2,301.78	3/4	1,945.50	3/4	1,589.20	3/4	1,237.23	3/4	888.64	3/4	541.95	3/4	192.84	3/4		3/4		3/4	
1	2,294.35	1	1,938.07	1	1,581.78	1	1,229.99	1	881.45	1	534.52	1	185.42	1		1		1	
1/4	2,286.93	1/4	1,930.65	1/4	1,574.36	1/4	1,222.58	1/4	874.26	1/4	527.10	1/4	177.99	1/4		1/4		1/4	
1/2	2,279.51	1/2	1,923.23	1/2	1,566.94	1/2	1,215.17	1/2	867.07	1/2	519.67	1/2	170.56	1/2		1/2		1/2	
3/4	2,272.09	3/4	1,915.81	3/4	1,559.51	3/4	1,207.76	3/4	859.89	3/4	512.24	3/4	163.14	3/4		3/4		3/4	
1	2,264.66	1	1,908.38	1	1,552.09	1	1,200.36	1	852.70	1	504.81	1	155.71	1		1		1	
1/4	2,257.24	1/4	1,900.96	1/4	1,544.69	1/4	1,192.95	1/4	845.51	1/4	497.38	1/4	148.30	1/4		1/4		1/4	
1/2	2,249.82	1/2	1,893.54	1/2	1,537.29	1/2	1,185.54	1/2	838.32	1/2	489.96	1/2	140.89	1/2		1/2		1/2	
3/4	2,242.40	3/4	1,886.12	3/4	1,529.89	3/4	1,178.13	3/4	831.13	3/4	482.53	3/4	133.47	3/4		3/4		3/4	
1	2,234.97	1	1,878.69	1	1,522.49	1	1,170.73	1	823.95	1	475.10	1	126.06	1		1		1	
1/4	2,227.55	1/4	1,871.27	1/4	1,515.09	1/4	1,163.32	1/4	816.75	1/4	468.11	1/4	119.29	1/4		1/4		1/4	
1/2	2,220.13	1/2	1,863.85	1/2	1,507.70	1/2	1,155.91	1/2	809.56	1/2	461.13	1/2	112.51	1/2		1/2		1/2	
3/4	2,212.71	3/4	1,856.43	3/4	1,500.30	3/4	1,148.50	3/4	802.37	3/4	454.14	3/4	105.73	3/4		3/4		3/4	
1	2,205.28	1	1,849.00	1	1,492.90	1	1,141.10	1	795.18	1	447.15	1	98.96	1		1		1	
1/4	2,197.86	1/4	1,841.58	1/4	1,485.50	1/4	1,133.69	1/4	787.96	1/4	440.60	1/4	93.42	1/4		1/4		1/4	
1/2	2,190.44	1/2	1,834.16	1/2	1,478.10	1/2	1,126.28	1/2	780.74	1/2	434.06	1/2	87.89	1/2		1/2		1/2	
3/4	2,183.02	3/4	1,826.73	3/4	1,470.70	3/4	1,118.88	3/4	773.53	3/4	427.51	3/4	82.36	3/4		3/4		3/4	
1	2,175.59	1	1,819.31	1	1,463.30	1	1,111.47	1	766.31	1	420.96	1	76.83	1		1		1	
1/4	2,168.17	1/4	1,811.89	1/4	1,455.90	1/4	1,104.27	1/4	759.09	1/4	413.97	1/4	72.97	1/4		1/4		1/4	
1/2	2,160.75	1/2	1,804.47	1/2	1,448.50	1/2	1,097.07	1/2	751.88	1/2	406.99	1/2	69.12	1/2		1/2		1/2	
3/4	2,153.33	3/4	1,797.04	3/4	1,441.10	3/4	1,089.88	3/4	744.66	3/4	400.00	3/4	65.26	3/4		3/4		3/4	
1	2,145.90	1	1,789.62	1	1,433.70	1	1,082.68	1	737.44	1	393.01	1	61.40	1		1		1	
1/4	2,138.48	1/4	1,782.20	1/4	1,426.30	1/4	1,075.49	1/4	730.22	1/4	385.60	1/4	59.23	1/4		1/4		1/4	
1/2	2,131.06	1/2	1,774.77	1/2	1,418.90	1/2	1,068.30	1/2	723.01	1/2	378.19	1/2	57.05	1/2		1/2		1/2	
3/4	2,123.64	3/4	1,767.35	3/4	1,411.51	3/4	1,061.11	3/4	715.79	3/4	370.77	3/4	54.88	3/4		3/4		3/4	
1	2,116.21	1	1,759.93	1	1,404.11	1	1,053.92	1	708.57	1	363.36	1	52.70	1		1		1	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
REPRINTED: 06/30/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2011

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



# BARGE "KIRBY 27765"

## 3 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			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0			0			0			0			0			0			0			0			0			0		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
1			1			1			1			1			1			1			1			1			1		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
2			2			2			2			2			2			2			2			2			2		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
3			3			3			3			3			3			3			3			3			3		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
4			4			4			4			4			4			4			4			4			4		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
5			5			5			5			5			5			5			5			5			5		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
6			6			6			6			6			6			6			6			6			6		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
7			7			7			7			7			7			7			7			7			7		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
8			8			8			8			8			8			8			8			8			8		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
9			9			9			9			9			9			9			9			9			9		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
10			10			10			10			10			10			10			10			10			10		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
11			11			11			11			11			11			11			11			11			11		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4			3/4		
11			11			11			11			11			11			11			11			11			11		
1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4			1/4		
1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2			1/2		
3/4			3/4			3/4			3/4			3/4			3/4			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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "KIRBY 27765"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,511.42	0	2,154.06	0	1,796.70	0	1,439.34	0	1,085.90	0	729.59	0	379.27	0	57.25	0		0	
1/4	2,503.97	1/4	2,146.62	1/4	1,789.26	1/4	1,431.90	1/4	1,078.48	1/4	722.14	1/4	371.84	1/4	55.06	1/4		1/4	
1/2	2,496.53	1/2	2,139.17	1/2	1,781.81	1/2	1,424.45	1/2	1,071.06	1/2	714.70	1/2	364.41	1/2	52.86	1/2		1/2	
3/4	2,489.08	3/4	2,131.73	3/4	1,774.37	3/4	1,417.17	3/4	1,063.64	3/4	707.25	3/4	356.99	3/4	51.49	3/4		3/4	
1	2,481.64	1	2,124.28	1	1,766.92	1	1,409.89	1	1,056.22	1	699.81	1	349.58	1	50.12	1		1	
1/4	2,474.19	1/4	2,116.84	1/4	1,759.48	1/4	1,402.60	1/4	1,048.81	1/4	692.36	1/4	342.16	1/4	48.75	1/4		1/4	
1/2	2,466.75	1/2	2,109.39	1/2	1,752.03	1/2	1,395.32	1/2	1,041.39	1/2	684.92	1/2	334.75	1/2	47.38	1/2		1/2	
3/4	2,459.30	3/4	2,101.95	3/4	1,744.59	3/4	1,388.04	3/4	1,033.97	3/4	677.47	3/4	327.33	3/4	46.85	3/4		3/4	
2	2,451.86	2	2,094.50	2	1,737.14	2	1,380.75	2	1,026.56	2	670.03	2	319.91	2	46.32	2		2	
1/4	2,444.41	1/4	2,087.06	1/4	1,729.70	1/4	1,373.47	1/4	1,019.14	1/4	662.58	1/4	312.50	1/4		1/4		1/4	
1/2	2,436.97	1/2	2,079.61	1/2	1,722.25	1/2	1,366.19	1/2	1,011.72	1/2	655.14	1/2	305.08	1/2		1/2		1/2	
3/4	2,429.52	3/4	2,072.17	3/4	1,714.81	3/4	1,358.91	3/4	1,004.31	3/4	647.69	3/4	297.65	3/4		3/4		3/4	
3	2,422.08	3	2,064.72	3	1,707.36	3	1,351.62	3	996.89	3	640.25	3	290.22	3		3		3	
1/4	2,414.63	1/4	2,057.28	1/4	1,699.92	1/4	1,344.34	1/4	989.47	1/4	632.80	1/4	282.79	1/4		1/4		1/4	
1/2	2,407.19	1/2	2,049.83	1/2	1,692.47	1/2	1,337.06	1/2	982.06	1/2	625.36	1/2	275.36	1/2		1/2		1/2	
3/4	2,399.74	3/4	2,042.39	3/4	1,685.03	3/4	1,329.77	3/4	974.64	3/4	617.91	3/4	267.92	3/4		3/4		3/4	
4	2,392.30	4	2,034.94	4	1,677.58	4	1,322.49	4	967.22	4	610.47	4	260.47	4		4		4	
1/4	2,384.85	1/4	2,027.50	1/4	1,670.14	1/4	1,315.21	1/4	959.81	1/4	603.02	1/4	253.03	1/4		1/4		1/4	
1/2	2,377.41	1/2	2,020.05	1/2	1,662.69	1/2	1,307.92	1/2	952.39	1/2	595.57	1/2	245.58	1/2		1/2		1/2	
3/4	2,369.96	3/4	2,012.61	3/4	1,655.25	3/4	1,300.64	3/4	944.97	3/4	588.13	3/4	238.14	3/4		3/4		3/4	
5	2,362.52	5	2,005.16	5	1,647.80	5	1,293.36	5	937.56	5	580.68	5	230.70	5		5		5	
1/4	2,355.07	1/4	1,997.72	1/4	1,640.36	1/4	1,286.07	1/4	930.14	1/4	573.24	1/4	223.25	1/4		1/4		1/4	
1/2	2,347.63	1/2	1,990.27	1/2	1,632.91	1/2	1,278.79	1/2	922.73	1/2	565.79	1/2	215.81	1/2		1/2		1/2	
3/4	2,340.18	3/4	1,982.83	3/4	1,625.47	3/4	1,271.50	3/4	915.31	3/4	558.35	3/4	208.36	3/4		3/4		3/4	
6	2,332.74	6	1,975.38	6	1,618.02	6	1,264.22	6	907.89	6	550.90	6	200.92	6		6		6	
1/4	2,325.29	1/4	1,967.94	1/4	1,610.58	1/4	1,256.94	1/4	900.48	1/4	543.46	1/4	193.47	1/4		1/4		1/4	
1/2	2,317.85	1/2	1,960.49	1/2	1,603.13	1/2	1,249.65	1/2	893.06	1/2	536.01	1/2	186.03	1/2		1/2		1/2	
3/4	2,310.40	3/4	1,953.05	3/4	1,595.69	3/4	1,242.21	3/4	885.64	3/4	528.56	3/4	178.58	3/4		3/4		3/4	
7	2,302.96	7	1,945.60	7	1,588.24	7	1,234.76	7	878.23	7	521.12	7	171.14	7		7		7	
1/4	2,295.51	1/4	1,938.16	1/4	1,580.80	1/4	1,227.32	1/4	870.81	1/4	513.67	1/4	163.69	1/4		1/4		1/4	
1/2	2,288.07	1/2	1,930.71	1/2	1,573.35	1/2	1,219.87	1/2	863.39	1/2	506.23	1/2	156.25	1/2		1/2		1/2	
3/4	2,280.62	3/4	1,923.27	3/4	1,565.91	3/4	1,212.42	3/4	855.98	3/4	498.78	3/4	148.82	3/4		3/4		3/4	
8	2,273.18	8	1,915.82	8	1,558.46	8	1,204.98	8	848.56	8	491.33	8	141.39	8		8		8	
1/4	2,265.73	1/4	1,908.38	1/4	1,551.02	1/4	1,197.53	1/4	841.14	1/4	483.89	1/4	133.96	1/4		1/4		1/4	
1/2	2,258.29	1/2	1,900.93	1/2	1,543.57	1/2	1,190.09	1/2	833.73	1/2	476.44	1/2	126.53	1/2		1/2		1/2	
3/4	2,250.84	3/4	1,893.49	3/4	1,536.13	3/4	1,182.64	3/4	826.31	3/4	469.44	3/4	119.73	3/4		3/4		3/4	
9	2,243.40	9	1,886.04	9	1,528.68	9	1,175.20	9	818.89	9	462.43	9	112.94	9		9		9	
1/4	2,235.95	1/4	1,878.60	1/4	1,521.24	1/4	1,167.75	1/4	811.46	1/4	455.42	1/4	106.14	1/4		1/4		1/4	
1/2	2,228.51	1/2	1,871.15	1/2	1,513.79	1/2	1,160.30	1/2	804.04	1/2	448.42	1/2	99.35	1/2		1/2		1/2	
3/4	2,221.06	3/4	1,863.71	3/4	1,506.35	3/4	1,152.86	3/4	796.60	3/4	441.85	3/4	93.80	3/4		3/4		3/4	
10	2,213.62	10	1,856.26	10	1,498.90	10	1,145.41	10	789.15	10	435.29	10	88.25	10		10		10	
1/4	2,206.17	1/4	1,848.82	1/4	1,491.46	1/4	1,137.97	1/4	781.71	1/4	428.72	1/4	82.70	1/4		1/4		1/4	
1/2	2,198.73	1/2	1,841.37	1/2	1,484.01	1/2	1,130.52	1/2	774.26	1/2	422.15	1/2	77.15	1/2		1/2		1/2	
3/4	2,191.29	3/4	1,833.93	3/4	1,476.57	3/4	1,123.08	3/4	766.82	3/4	415.15	3/4	73.27	3/4		3/4		3/4	
11	2,183.84	11	1,826.48	11	1,469.12	11	1,115.63	11	759.37	11	408.14	11	69.39	11		11		11	
1/4	2,176.40	1/4	1,819.04	1/4	1,461.68	1/4	1,108.18	1/4	751.93	1/4	401.14	1/4	65.52	1/4		1/4		1/4	
1/2	2,168.95	1/2	1,811.59	1/2	1,454.23	1/2	1,100.74	1/2	744.48	1/2	394.13	1/2	61.64	1/2		1/2		1/2	
3/4	2,161.51	3/4	1,804.15	3/4	1,446.79	3/4	1,093.32	3/4	737.04	3/4	386.70	3/4	59.45	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
REPRINTED: 06/30/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2011

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



# BARGE "KIRBY 27765"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 PORT	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 02-0/8	02-0/8	- 02-3/8	02-3/8
3 STBD	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 02-0/8	02-0/8	- 02-3/8	02-3/8

(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 2 PORT IS 00-1/4"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 261'-00"

June 9, 2011

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27765"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	8.53	0	309.74	0	671.97	0	1,048.06	0	1,424.18	0	1,801.52	0	2,179.08	0	2,556.64	0	2,934.19	0	3,311.74
1/4	11.90	1/4	316.97	1/4	679.83	1/4	1,055.86	1/4	1,432.01	1/4	1,809.39	1/4	2,186.95	1/4	2,564.50	1/4	2,942.06	1/4	3,319.61
1/2	15.27	1/2	324.21	1/2	687.70	1/2	1,063.67	1/2	1,439.85	1/2	1,817.26	1/2	2,194.81	1/2	2,572.37	1/2	2,949.92	1/2	3,327.47
3/4	20.66	3/4	331.53	3/4	695.56	3/4	1,071.48	3/4	1,447.69	3/4	1,825.12	3/4	2,202.68	3/4	2,580.23	3/4	2,957.79	3/4	3,335.34
1	26.05	1	338.86	1	703.43	1	1,079.29	1	1,455.53	1	1,832.99	1	2,210.55	1	2,588.10	1	2,965.65	1	3,343.21
1/4	31.45	1/4	346.18	1/4	711.30	1/4	1,087.10	1/4	1,463.37	1/4	1,840.85	1/4	2,218.41	1/4	2,595.96	1/4	2,973.52	1/4	3,351.07
1/2	36.84	1/2	353.51	1/2	719.16	1/2	1,094.91	1/2	1,471.21	1/2	1,848.72	1/2	2,226.28	1/2	2,603.83	1/2	2,981.38	1/2	3,358.94
3/4	42.73	3/4	360.93	3/4	727.03	3/4	1,102.71	3/4	1,479.06	3/4	1,856.59	3/4	2,234.14	3/4	2,611.70	3/4	2,989.25	3/4	3,366.80
2	48.63	2	368.35	2	734.90	2	1,110.52	2	1,486.91	2	1,864.45	2	2,242.01	2	2,619.56	2	2,997.11	2	3,374.67
1/4	54.52	1/4	375.77	1/4	742.76	1/4	1,118.33	1/4	1,494.76	1/4	1,872.32	1/4	2,249.87	1/4	2,627.43	1/4	3,004.98	1/4	3,382.53
1/2	60.41	1/2	383.19	1/2	750.63	1/2	1,126.14	1/2	1,502.62	1/2	1,880.18	1/2	2,257.74	1/2	2,635.29	1/2	3,012.85	1/2	3,390.40
3/4	65.98	3/4	390.72	3/4	758.49	3/4	1,133.95	3/4	1,510.48	3/4	1,888.05	3/4	2,265.60	3/4	2,643.16	3/4	3,020.71	3/4	3,398.27
3	71.55	3	398.26	3	766.36	3	1,141.76	3	1,518.35	3	1,895.92	3	2,273.47	3	2,651.02	3	3,028.58	3	3,406.13
1/4	77.11	1/4	405.79	1/4	774.23	1/4	1,149.57	1/4	1,526.21	1/4	1,903.78	1/4	2,281.34	1/4	2,658.89	1/4	3,036.44	1/4	3,414.00
1/2	82.68	1/2	413.32	1/2	782.09	1/2	1,157.38	1/2	1,534.08	1/2	1,911.65	1/2	2,289.20	1/2	2,666.76	1/2	3,044.31	1/2	3,421.86
3/4	88.36	3/4	420.74	3/4	789.96	3/4	1,165.21	3/4	1,541.95	3/4	1,919.51	3/4	2,297.07	3/4	2,674.62	3/4	3,052.17	3/4	3,429.73
4	94.05	4	428.16	4	797.83	4	1,173.03	4	1,549.81	4	1,927.38	4	2,304.93	4	2,682.49	4	3,060.04	4	3,437.59
1/4	99.73	1/4	435.58	1/4	805.69	1/4	1,180.86	1/4	1,557.68	1/4	1,935.25	1/4	2,312.80	1/4	2,690.35	1/4	3,067.91	1/4	3,445.46
1/2	105.42	1/2	443.00	1/2	813.56	1/2	1,188.68	1/2	1,565.54	1/2	1,943.11	1/2	2,320.66	1/2	2,698.22	1/2	3,075.77	1/2	3,453.33
3/4	111.67	3/4	450.06	3/4	821.41	3/4	1,196.53	3/4	1,573.41	3/4	1,950.98	3/4	2,328.53	3/4	2,706.08	3/4	3,083.64	3/4	3,461.19
5	117.92	5	457.13	5	829.26	5	1,204.38	5	1,581.28	5	1,958.84	5	2,336.40	5	2,713.95	5	3,091.50	5	3,469.06
1/4	124.17	1/4	464.19	1/4	837.11	1/4	1,212.24	1/4	1,589.14	1/4	1,966.71	1/4	2,344.26	1/4	2,721.82	1/4	3,099.37	1/4	3,476.92
1/2	130.42	1/2	471.26	1/2	844.96	1/2	1,220.09	1/2	1,597.01	1/2	1,974.58	1/2	2,352.13	1/2	2,729.68	1/2	3,107.23	1/2	3,484.79
3/4	137.01	3/4	478.40	3/4	852.79	3/4	1,227.95	3/4	1,604.87	3/4	1,982.44	3/4	2,359.99	3/4	2,737.55	3/4	3,115.10	3/4	3,492.65
6	143.60	6	485.54	6	860.61	6	1,235.82	6	1,612.74	6	1,990.31	6	2,367.86	6	2,745.41	6	3,122.97	6	3,500.52
1/4	150.18	1/4	492.69	1/4	868.44	1/4	1,243.69	1/4	1,620.61	1/4	1,998.17	1/4	2,375.72	1/4	2,753.28	1/4	3,130.83	1/4	3,508.39
1/2	156.77	1/2	499.83	1/2	876.26	1/2	1,251.55	1/2	1,628.47	1/2	2,006.04	1/2	2,383.59	1/2	2,761.14	1/2	3,138.70	1/2	3,516.25
3/4	163.47	3/4	507.46	3/4	884.07	3/4	1,259.42	3/4	1,636.34	3/4	2,013.90	3/4	2,391.46	3/4	2,769.01	3/4	3,146.56	3/4	3,524.12
7	170.17	7	515.10	7	891.88	7	1,267.29	7	1,644.20	7	2,021.77	7	2,399.32	7	2,776.88	7	3,154.43	7	3,531.98
1/4	176.87	1/4	522.73	1/4	899.69	1/4	1,275.15	1/4	1,652.07	1/4	2,029.63	1/4	2,407.19	1/4	2,784.74	1/4	3,162.29	1/4	3,539.85
1/2	183.57	1/2	530.37	1/2	907.50	1/2	1,283.02	1/2	1,659.94	1/2	2,037.50	1/2	2,415.05	1/2	2,792.61	1/2	3,170.16	1/2	3,547.71
3/4	190.39	3/4	538.23	3/4	915.31	3/4	1,290.87	3/4	1,667.80	3/4	2,045.37	3/4	2,422.92	3/4	2,800.47	3/4	3,178.03	3/4	3,555.58
8	197.21	8	546.10	8	923.12	8	1,298.73	8	1,675.67	8	2,053.23	8	2,430.78	8	2,808.34	8	3,185.89	8	3,563.45
1/4	204.03	1/4	553.97	1/4	930.93	1/4	1,306.58	1/4	1,683.53	1/4	2,061.10	1/4	2,438.65	1/4	2,816.20	1/4	3,193.76	1/4	3,571.31
1/2	210.85	1/2	561.83	1/2	938.74	1/2	1,314.43	1/2	1,691.40	1/2	2,068.96	1/2	2,446.52	1/2	2,824.07	1/2	3,201.62	1/2	3,579.18
3/4	217.78	3/4	569.70	3/4	946.55	3/4	1,322.27	3/4	1,699.27	3/4	2,076.83	3/4	2,454.38	3/4	2,831.94	3/4	3,209.49	3/4	3,587.04
9	224.71	9	577.57	9	954.36	9	1,330.11	9	1,707.13	9	2,084.69	9	2,462.25	9	2,839.80	9	3,217.35	9	3,594.91
1/4	231.65	1/4	585.43	1/4	962.16	1/4	1,337.95	1/4	1,715.00	1/4	2,092.56	1/4	2,470.11	1/4	2,847.67	1/4	3,225.22	1/4	3,602.77
1/2	238.58	1/2	593.30	1/2	969.97	1/2	1,345.79	1/2	1,722.86	1/2	2,100.43	1/2	2,477.98	1/2	2,855.53	1/2	3,233.09	1/2	3,610.64
3/4	245.61	3/4	601.17	3/4	977.78	3/4	1,353.63	3/4	1,730.73	3/4	2,108.29	3/4	2,485.84	3/4	2,863.40	3/4	3,240.95	3/4	3,618.51
10	252.65	10	609.03	10	985.59	10	1,361.47	10	1,738.60	10	2,116.16	10	2,493.71	10	2,871.26	10	3,248.82	10	3,626.37
1/4	259.68	1/4	616.90	1/4	993.40	1/4	1,369.31	1/4	1,746.46	1/4	2,124.02	1/4	2,501.58	1/4	2,879.13	1/4	3,256.68	1/4	3,634.24
1/2	266.71	1/2	624.77	1/2	1,001.21	1/2	1,377.14	1/2	1,754.33	1/2	2,131.89	1/2	2,509.44	1/2	2,887.00	1/2	3,264.55	1/2	3,642.10
3/4	273.85	3/4	632.63	3/4	1,009.01	3/4	1,384.98	3/4	1,762.19	3/4	2,139.75	3/4	2,517.31	3/4	2,894.86	3/4	3,272.41	3/4	3,649.97
11	280.99	11	640.50	11	1,016.82	11	1,392.82	11	1,770.06	11	2,147.62	11	2,525.17	11	2,902.73	11	3,280.28	11	3,657.83
1/4	288.13	1/4	648.37	1/4	1,024.63	1/4	1,400.66	1/4	1,777.93	1/4	2,155.49	1/4	2,533.04	1/4	2,910.59	1/4	3,288.15	1/4	3,665.70
1/2	295.27	1/2	656.23	1/2	1,032.44	1/2	1,408.50	1/2	1,785.79	1/2	2,163.35	1/2	2,540.90	1/2	2,918.46	1/2	3,296.01	1/2	3,673.57
3/4	302.50	3/4	664.10	3/4	1,040.25	3/4	1,416.34	3/4	1,793.66	3/4	2,171.22	3/4	2,548.77	3/4	2,926.32	3/4	3,303.88	3/4	3,681.43

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE THAT EXPANDS TO 4".  
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-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 27765"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,689.30	0	4,065.26	0	4,423.49	0	4,756.06	0		0		0		0		0		0	
1/4	3,697.16	1/4	4,072.96	1/4	4,430.67	1/4	4,762.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,705.03	1/2	4,080.65	1/2	4,437.84	1/2	4,769.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,712.89	3/4	4,088.31	3/4	4,444.96	3/4	4,776.13	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,720.76	1	4,095.97	1	4,452.08	1	4,782.79	1		1		1		1		1		1	
1/4	3,728.63	1/4	4,103.62	1/4	4,459.19	1/4	4,789.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,736.49	1/2	4,111.28	1/2	4,466.31	1/2	4,796.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,744.36	3/4	4,118.90	3/4	4,473.39	3/4	4,803.04	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,752.22	2	4,126.52	2	4,480.47	2	4,809.96	2		2		2		2		2		2	
1/4	3,760.09	1/4	4,134.14	1/4	4,487.55	1/4	4,816.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,767.95	1/2	4,141.76	1/2	4,494.63	1/2	4,823.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,775.82	3/4	4,149.34	3/4	4,501.67	3/4	4,831.30	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,783.68	3	4,156.92	3	4,508.71	3	4,838.79	3		3		3		3		3		3	
1/4	3,791.55	1/4	4,164.50	1/4	4,515.76	1/4	4,846.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,799.42	1/2	4,172.08	1/2	4,522.80	1/2	4,853.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,807.28	3/4	4,179.63	3/4	4,529.80	3/4	4,861.56	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,815.15	4	4,187.17	4	4,536.80	4	4,869.34	4		4		4		4		4		4	
1/4	3,823.01	1/4	4,194.71	1/4	4,543.81	1/4	4,877.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,830.88	1/2	4,202.26	1/2	4,550.81	1/2	4,884.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,838.74	3/4	4,209.76	3/4	4,557.78	3/4	4,892.50	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,846.61	5	4,217.27	5	4,564.74	5	4,900.09	5		5		5		5		5		5	
1/4	3,854.48	1/4	4,224.77	1/4	4,571.71	1/4	4,907.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,862.34	1/2	4,232.28	1/2	4,578.67	1/2	4,915.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,870.21	3/4	4,239.75	3/4	4,585.60	3/4	4,922.06	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,878.07	6	4,247.21	6	4,592.53	6	4,928.84	6		6		6		6		6		6	
1/4	3,885.94	1/4	4,254.68	1/4	4,599.46	1/4	4,935.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,893.80	1/2	4,262.15	1/2	4,606.39	1/2	4,942.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,901.67	3/4	4,269.58	3/4	4,613.27	3/4	4,947.88	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,909.53	7	4,277.01	7	4,620.16	7	4,953.37	7		7		7		7		7		7	
1/4	3,917.39	1/4	4,284.44	1/4	4,627.05	1/4	4,958.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,925.25	1/2	4,291.87	1/2	4,633.94	1/2	4,964.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,933.10	3/4	4,299.26	3/4	4,640.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,940.94	8	4,306.65	8	4,647.65	8		8		8		8		8		8		8	
1/4	3,948.78	1/4	4,314.04	1/4	4,654.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,956.62	1/2	4,321.43	1/2	4,661.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,964.43	3/4	4,328.79	3/4	4,668.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,972.24	9	4,336.14	9	4,674.98	9		9		9		9		9		9		9	
1/4	3,980.05	1/4	4,343.49	1/4	4,681.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,987.86	1/2	4,350.85	1/2	4,688.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,995.63	3/4	4,358.16	3/4	4,695.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,003.40	10	4,365.48	10	4,702.16	10		10		10		10		10		10		10	
1/4	4,011.17	1/4	4,372.79	1/4	4,708.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,018.94	1/2	4,380.11	1/2	4,715.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,026.67	3/4	4,387.37	3/4	4,722.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,034.41	11	4,394.62	11	4,729.19	11		11		11		11		11		11		11	
1/4	4,042.14	1/4	4,401.88	1/4	4,735.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,049.87	1/2	4,409.14	1/2	4,742.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,057.57	3/4	4,416.31	3/4	4,749.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
PRINTED: 06/09/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2011

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





# BARGE "KIRBY 27765"

# 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	8.53	0	309.78	0	672.01	0	1,048.91	0	1,425.62	0	1,802.96	0	2,180.52	0	2,558.08	0	2,935.64	0	3,313.20
1/4	11.91	1/4	317.01	1/4	679.88	1/4	1,056.75	1/4	1,433.45	1/4	1,810.83	1/4	2,188.39	1/4	2,565.95	1/4	2,943.51	1/4	3,321.06
1/2	15.28	1/2	324.25	1/2	687.74	1/2	1,064.59	1/2	1,441.29	1/2	1,818.70	1/2	2,196.26	1/2	2,573.81	1/2	2,951.37	1/2	3,328.93
3/4	20.67	3/4	331.57	3/4	695.61	3/4	1,072.43	3/4	1,449.13	3/4	1,826.56	3/4	2,204.12	3/4	2,581.68	3/4	2,959.24	3/4	3,336.80
1	26.06	1	338.90	1	703.47	1	1,080.26	1	1,456.97	1	1,834.43	1	2,211.99	1	2,589.55	1	2,967.10	1	3,344.66
1/4	31.46	1/4	346.22	1/4	711.34	1/4	1,088.10	1/4	1,464.81	1/4	1,842.29	1/4	2,219.85	1/4	2,597.41	1/4	2,974.97	1/4	3,352.53
1/2	36.85	1/2	353.55	1/2	719.21	1/2	1,095.94	1/2	1,472.65	1/2	1,850.16	1/2	2,227.72	1/2	2,605.28	1/2	2,982.84	1/2	3,360.39
3/4	42.74	3/4	360.97	3/4	727.07	3/4	1,103.78	3/4	1,480.50	3/4	1,858.03	3/4	2,235.58	3/4	2,613.14	3/4	2,990.70	3/4	3,368.26
2	48.64	2	368.39	2	734.94	2	1,111.61	2	1,488.35	2	1,865.89	2	2,243.45	2	2,621.01	2	2,998.57	2	3,376.13
1/4	54.53	1/4	375.81	1/4	742.81	1/4	1,119.45	1/4	1,496.20	1/4	1,873.76	1/4	2,251.32	1/4	2,628.87	1/4	3,006.43	1/4	3,383.99
1/2	60.43	1/2	383.23	1/2	750.67	1/2	1,127.29	1/2	1,504.06	1/2	1,881.62	1/2	2,259.18	1/2	2,636.74	1/2	3,014.30	1/2	3,391.86
3/4	66.00	3/4	390.76	3/4	758.54	3/4	1,135.13	3/4	1,511.92	3/4	1,889.49	3/4	2,267.05	3/4	2,644.61	3/4	3,022.16	3/4	3,399.72
3	71.56	3	398.30	3	766.40	3	1,142.97	3	1,519.79	3	1,897.36	3	2,274.91	3	2,652.47	3	3,030.03	3	3,407.59
1/4	77.13	1/4	405.83	1/4	774.27	1/4	1,150.81	1/4	1,527.65	1/4	1,905.22	1/4	2,282.78	1/4	2,660.34	1/4	3,037.90	1/4	3,415.45
1/2	82.70	1/2	413.36	1/2	782.14	1/2	1,158.65	1/2	1,535.52	1/2	1,913.09	1/2	2,290.65	1/2	2,668.20	1/2	3,045.76	1/2	3,423.32
3/4	88.38	3/4	420.78	3/4	790.00	3/4	1,166.50	3/4	1,543.39	3/4	1,920.95	3/4	2,298.51	3/4	2,676.07	3/4	3,053.63	3/4	3,431.19
4	94.07	4	428.20	4	797.87	4	1,174.35	4	1,551.25	4	1,928.82	4	2,306.38	4	2,683.94	4	3,061.49	4	3,439.05
1/4	99.75	1/4	435.62	1/4	805.73	1/4	1,182.21	1/4	1,559.12	1/4	1,936.69	1/4	2,314.24	1/4	2,691.80	1/4	3,069.36	1/4	3,446.92
1/2	105.44	1/2	443.04	1/2	813.60	1/2	1,190.06	1/2	1,566.98	1/2	1,944.55	1/2	2,322.11	1/2	2,699.67	1/2	3,077.23	1/2	3,454.78
3/4	111.69	3/4	450.11	3/4	821.47	3/4	1,197.93	3/4	1,574.85	3/4	1,952.42	3/4	2,329.97	3/4	2,707.53	3/4	3,085.09	3/4	3,462.65
5	117.94	5	457.17	5	829.33	5	1,205.79	5	1,582.72	5	1,960.28	5	2,337.84	5	2,715.40	5	3,092.96	5	3,470.52
1/4	124.20	1/4	464.24	1/4	837.20	1/4	1,213.66	1/4	1,590.58	1/4	1,968.15	1/4	2,345.71	1/4	2,723.26	1/4	3,100.82	1/4	3,478.38
1/2	130.45	1/2	471.30	1/2	845.07	1/2	1,221.53	1/2	1,598.45	1/2	1,976.02	1/2	2,353.57	1/2	2,731.13	1/2	3,108.69	1/2	3,486.25
3/4	137.04	3/4	478.45	3/4	852.92	3/4	1,229.39	3/4	1,606.31	3/4	1,983.88	3/4	2,361.44	3/4	2,739.00	3/4	3,116.55	3/4	3,494.11
6	143.62	6	485.59	6	860.77	6	1,237.26	6	1,614.18	6	1,991.75	6	2,369.30	6	2,746.86	6	3,124.42	6	3,501.98
1/4	150.21	1/4	492.73	1/4	868.63	1/4	1,245.13	1/4	1,622.05	1/4	1,999.61	1/4	2,377.17	1/4	2,754.73	1/4	3,132.29	1/4	3,509.84
1/2	156.80	1/2	499.88	1/2	876.48	1/2	1,252.99	1/2	1,629.91	1/2	2,007.48	1/2	2,385.03	1/2	2,762.59	1/2	3,140.15	1/2	3,517.71
3/4	163.50	3/4	507.51	3/4	884.32	3/4	1,260.86	3/4	1,637.78	3/4	2,015.34	3/4	2,392.90	3/4	2,770.46	3/4	3,148.02	3/4	3,525.58
7	170.20	7	515.14	7	892.16	7	1,268.73	7	1,645.64	7	2,023.21	7	2,400.77	7	2,778.32	7	3,155.88	7	3,533.44
1/4	176.90	1/4	522.78	1/4	900.00	1/4	1,276.59	1/4	1,653.51	1/4	2,031.07	1/4	2,408.63	1/4	2,786.19	1/4	3,163.75	1/4	3,541.31
1/2	183.61	1/2	530.41	1/2	907.84	1/2	1,284.46	1/2	1,661.38	1/2	2,038.94	1/2	2,416.50	1/2	2,794.06	1/2	3,171.61	1/2	3,549.17
3/4	190.43	3/4	538.28	3/4	915.68	3/4	1,292.31	3/4	1,669.24	3/4	2,046.81	3/4	2,424.36	3/4	2,801.92	3/4	3,179.48	3/4	3,557.04
8	197.25	8	546.15	8	923.52	8	1,300.17	8	1,677.11	8	2,054.67	8	2,432.23	8	2,809.79	8	3,187.35	8	3,564.90
1/4	204.07	1/4	554.01	1/4	931.35	1/4	1,308.02	1/4	1,684.97	1/4	2,062.54	1/4	2,440.10	1/4	2,817.65	1/4	3,195.21	1/4	3,572.77
1/2	210.89	1/2	561.88	1/2	939.19	1/2	1,315.87	1/2	1,692.84	1/2	2,070.40	1/2	2,447.96	1/2	2,825.52	1/2	3,203.08	1/2	3,580.64
3/4	217.82	3/4	569.75	3/4	947.03	3/4	1,323.71	3/4	1,700.71	3/4	2,078.27	3/4	2,455.83	3/4	2,833.39	3/4	3,210.94	3/4	3,588.50
9	224.75	9	577.61	9	954.87	9	1,331.55	9	1,708.57	9	2,086.13	9	2,463.69	9	2,841.25	9	3,218.81	9	3,596.37
1/4	231.68	1/4	585.48	1/4	962.70	1/4	1,339.39	1/4	1,716.44	1/4	2,094.00	1/4	2,471.56	1/4	2,849.12	1/4	3,226.68	1/4	3,604.23
1/2	238.61	1/2	593.35	1/2	970.54	1/2	1,347.23	1/2	1,724.30	1/2	2,101.87	1/2	2,479.42	1/2	2,856.98	1/2	3,234.54	1/2	3,612.10
3/4	245.65	3/4	601.21	3/4	978.38	3/4	1,355.07	3/4	1,732.17	3/4	2,109.73	3/4	2,487.29	3/4	2,864.85	3/4	3,242.41	3/4	3,619.97
10	252.68	10	609.08	10	986.21	10	1,362.91	10	1,740.04	10	2,117.60	10	2,495.16	10	2,872.71	10	3,250.27	10	3,627.83
1/4	259.72	1/4	616.95	1/4	994.05	1/4	1,370.75	1/4	1,747.90	1/4	2,125.46	1/4	2,503.02	1/4	2,880.58	1/4	3,258.14	1/4	3,635.70
1/2	266.75	1/2	624.81	1/2	1,001.89	1/2	1,378.58	1/2	1,755.77	1/2	2,133.33	1/2	2,510.89	1/2	2,888.45	1/2	3,266.00	1/2	3,643.56
3/4	273.89	3/4	632.68	3/4	1,009.73	3/4	1,386.42	3/4	1,763.63	3/4	2,141.19	3/4	2,518.75	3/4	2,896.31	3/4	3,273.87	3/4	3,651.43
11	281.03	11	640.54	11	1,017.56	11	1,394.26	11	1,771.50	11	2,149.06	11	2,526.62	11	2,904.18	11	3,281.74	11	3,659.29
1/4	288.17	1/4	648.41	1/4	1,025.40	1/4	1,402.10	1/4	1,779.37	1/4	2,156.93	1/4	2,534.48	1/4	2,912.04	1/4	3,289.60	1/4	3,667.16
1/2	295.31	1/2	656.28	1/2	1,033.24	1/2	1,409.94	1/2	1,787.23	1/2	2,164.79	1/2	2,542.35	1/2	2,919.91	1/2	3,297.47	1/2	3,675.03
3/4	302.54	3/4	664.14	3/4	1,041.08	3/4	1,417.78	3/4	1,795.10	3/4	2,172.66	3/4	2,550.22	3/4	2,927.77	3/4	3,305.33	3/4	3,682.89

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE THAT EXPANDS TO 4".  
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "KIRBY 27765"

**1 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 16'-07"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,690.76	0	4,066.70	0	4,424.94	0	4,757.54	0		0		0		0		0		0	
1/4	3,698.62	1/4	4,074.40	1/4	4,432.12	1/4	4,764.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,706.49	1/2	4,082.09	1/2	4,439.29	1/2	4,770.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,714.35	3/4	4,089.75	3/4	4,446.41	3/4	4,777.60	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,722.22	1	4,097.41	1	4,453.53	1	4,784.26	1		1		1		1		1		1	
1/4	3,730.09	1/4	4,105.07	1/4	4,460.65	1/4	4,790.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,737.95	1/2	4,112.72	1/2	4,467.76	1/2	4,797.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.82	3/4	4,120.34	3/4	4,474.84	3/4	4,804.51	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,753.68	2	4,127.96	2	4,481.92	2	4,811.43	2		2		2		2		2		2	
1/4	3,761.55	1/4	4,135.58	1/4	4,489.00	1/4	4,818.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,769.42	1/2	4,143.20	1/2	4,496.08	1/2	4,825.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,777.28	3/4	4,150.78	3/4	4,503.13	3/4	4,832.77	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,785.15	3	4,158.36	3	4,510.17	3	4,840.27	3		3		3		3		3		3	
1/4	3,793.01	1/4	4,165.94	1/4	4,517.21	1/4	4,847.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,800.88	1/2	4,173.53	1/2	4,524.25	1/2	4,855.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,808.74	3/4	4,181.07	3/4	4,531.26	3/4	4,863.03	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,816.61	4	4,188.61	4	4,538.26	4	4,870.81	4		4		4		4		4		4	
1/4	3,824.48	1/4	4,196.16	1/4	4,545.26	1/4	4,878.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,832.34	1/2	4,203.70	1/2	4,552.27	1/2	4,886.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,840.21	3/4	4,211.21	3/4	4,559.23	3/4	4,893.97	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,848.07	5	4,218.71	5	4,566.20	5	4,901.57	5		5		5		5		5		5	
1/4	3,855.94	1/4	4,226.22	1/4	4,573.17	1/4	4,909.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,863.81	1/2	4,233.72	1/2	4,580.13	1/2	4,916.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,871.67	3/4	4,241.19	3/4	4,587.06	3/4	4,923.54	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,879.54	6	4,248.66	6	4,593.99	6	4,930.31	6		6		6		6		6		6	
1/4	3,887.40	1/4	4,256.13	1/4	4,600.92	1/4	4,937.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,895.27	1/2	4,263.59	1/2	4,607.84	1/2	4,943.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,903.12	3/4	4,271.02	3/4	4,614.74	3/4	4,949.35	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,910.98	7	4,278.45	7	4,621.63	7	4,954.84	7		7		7		7		7		7	
1/4	3,918.84	1/4	4,285.88	1/4	4,628.52	1/4	4,960.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,926.69	1/2	4,293.31	1/2	4,635.41	1/2	4,965.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,934.54	3/4	4,300.70	3/4	4,642.26	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,942.38	8	4,308.10	8	4,649.11	8		8		8		8		8		8		8	
1/4	3,950.22	1/4	4,315.49	1/4	4,655.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,958.06	1/2	4,322.88	1/2	4,662.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,965.87	3/4	4,330.23	3/4	4,669.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,973.68	9	4,337.59	9	4,676.44	9		9		9		9		9		9		9	
1/4	3,981.49	1/4	4,344.94	1/4	4,683.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,989.30	1/2	4,352.29	1/2	4,690.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,997.07	3/4	4,359.61	3/4	4,696.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,004.84	10	4,366.93	10	4,703.63	10		10		10		10		10		10		10	
1/4	4,012.61	1/4	4,374.24	1/4	4,710.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,020.38	1/2	4,381.56	1/2	4,717.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,028.12	3/4	4,388.82	3/4	4,723.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,035.85	11	4,396.07	11	4,730.66	11		11		11		11		11		11		11	
1/4	4,043.58	1/4	4,403.33	1/4	4,737.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,051.31	1/2	4,410.59	1/2	4,744.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,059.01	3/4	4,417.76	3/4	4,750.83	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
PRINTED: 06/09/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2011

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



# BARGE "KIRBY 27765"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	23.04	0	366.24	0	717.78	0	1,066.41	0	1,416.95	0	1,773.93	0	2,132.85	0	2,491.77	0	2,850.69	0	3,209.61
1/4	28.03	1/4	373.71	1/4	725.26	1/4	1,073.56	1/4	1,424.26	1/4	1,781.41	1/4	2,140.33	1/4	2,499.25	1/4	2,858.17	1/4	3,217.09
1/2	33.01	1/2	381.18	1/2	732.74	1/2	1,080.71	1/2	1,431.58	1/2	1,788.89	1/2	2,147.81	1/2	2,506.73	1/2	2,865.65	1/2	3,224.57
3/4	39.81	3/4	388.64	3/4	740.22	3/4	1,087.85	3/4	1,438.89	3/4	1,796.36	3/4	2,155.29	3/4	2,514.21	3/4	2,873.13	3/4	3,232.05
1	46.62	1	396.09	1	747.69	1	1,095.00	1	1,446.21	1	1,803.84	1	2,162.76	1	2,521.68	1	2,880.60	1	3,239.52
1/4	53.42	1/4	403.55	1/4	755.17	1/4	1,102.15	1/4	1,453.52	1/4	1,811.32	1/4	2,170.24	1/4	2,529.16	1/4	2,888.08	1/4	3,247.00
1/2	60.23	1/2	411.00	1/2	762.65	1/2	1,109.30	1/2	1,460.84	1/2	1,818.80	1/2	2,177.72	1/2	2,536.64	1/2	2,895.56	1/2	3,254.48
3/4	67.41	3/4	418.45	3/4	770.13	3/4	1,116.45	3/4	1,468.16	3/4	1,826.27	3/4	2,185.20	3/4	2,544.12	3/4	2,903.04	3/4	3,261.96
2	74.59	2	425.90	2	777.61	2	1,123.59	2	1,475.47	2	1,833.75	2	2,192.67	2	2,551.59	2	2,910.51	2	3,269.43
1/4	81.77	1/4	433.35	1/4	785.08	1/4	1,130.74	1/4	1,482.79	1/4	1,841.23	1/4	2,200.15	1/4	2,559.07	1/4	2,917.99	1/4	3,276.91
1/2	88.96	1/2	440.80	1/2	792.56	1/2	1,137.89	1/2	1,490.10	1/2	1,848.71	1/2	2,207.63	1/2	2,566.55	1/2	2,925.47	1/2	3,284.39
3/4	95.73	3/4	448.25	3/4	800.04	3/4	1,145.04	3/4	1,497.50	3/4	1,856.19	3/4	2,215.11	3/4	2,574.03	3/4	2,932.95	3/4	3,291.87
3	102.50	3	455.71	3	807.52	3	1,152.19	3	1,504.90	3	1,863.66	3	2,222.58	3	2,581.50	3	2,940.42	3	3,299.34
1/4	109.28	1/4	463.16	1/4	815.00	1/4	1,159.34	1/4	1,512.29	1/4	1,871.14	1/4	2,230.06	1/4	2,588.98	1/4	2,947.90	1/4	3,306.82
1/2	116.05	1/2	470.62	1/2	822.47	1/2	1,166.49	1/2	1,519.69	1/2	1,878.62	1/2	2,237.54	1/2	2,596.46	1/2	2,955.38	1/2	3,314.30
3/4	122.83	3/4	477.87	3/4	829.80	3/4	1,173.65	3/4	1,527.17	3/4	1,886.10	3/4	2,245.02	3/4	2,603.94	3/4	2,962.86	3/4	3,321.78
4	129.62	4	485.12	4	837.13	4	1,180.82	4	1,534.64	4	1,893.57	4	2,252.49	4	2,611.41	4	2,970.33	4	3,329.25
1/4	136.41	1/4	492.37	1/4	844.46	1/4	1,187.98	1/4	1,542.12	1/4	1,901.05	1/4	2,259.97	1/4	2,618.89	1/4	2,977.81	1/4	3,336.73
1/2	143.19	1/2	499.62	1/2	851.78	1/2	1,195.15	1/2	1,549.60	1/2	1,908.53	1/2	2,267.45	1/2	2,626.37	1/2	2,985.29	1/2	3,344.21
3/4	150.42	3/4	506.44	3/4	858.96	3/4	1,202.47	3/4	1,557.08	3/4	1,916.01	3/4	2,274.93	3/4	2,633.85	3/4	2,992.77	3/4	3,351.69
5	157.64	5	513.25	5	866.14	5	1,209.80	5	1,564.55	5	1,923.48	5	2,282.40	5	2,641.32	5	3,000.24	5	3,359.16
1/4	164.87	1/4	520.07	1/4	873.31	1/4	1,217.13	1/4	1,572.03	1/4	1,930.96	1/4	2,289.88	1/4	2,648.80	1/4	3,007.72	1/4	3,366.64
1/2	172.09	1/2	526.88	1/2	880.49	1/2	1,224.46	1/2	1,579.51	1/2	1,938.44	1/2	2,297.36	1/2	2,656.28	1/2	3,015.20	1/2	3,374.12
3/4	179.54	3/4	533.70	3/4	887.66	3/4	1,231.93	3/4	1,586.99	3/4	1,945.92	3/4	2,304.84	3/4	2,663.76	3/4	3,022.68	3/4	3,381.60
6	186.98	6	540.51	6	894.82	6	1,239.41	6	1,594.47	6	1,953.40	6	2,312.31	6	2,671.23	6	3,030.15	6	3,389.07
1/4	194.43	1/4	547.33	1/4	901.98	1/4	1,246.89	1/4	1,601.94	1/4	1,960.87	1/4	2,319.79	1/4	2,678.71	1/4	3,037.63	1/4	3,396.55
1/2	201.87	1/2	554.14	1/2	909.15	1/2	1,254.37	1/2	1,609.42	1/2	1,968.35	1/2	2,327.27	1/2	2,686.19	1/2	3,045.11	1/2	3,404.03
3/4	209.33	3/4	561.40	3/4	916.30	3/4	1,261.85	3/4	1,616.90	3/4	1,975.83	3/4	2,334.75	3/4	2,693.67	3/4	3,052.59	3/4	3,411.51
7	216.78	7	568.66	7	923.45	7	1,269.33	7	1,624.38	7	1,983.31	7	2,342.22	7	2,701.14	7	3,060.06	7	3,418.98
1/4	224.24	1/4	575.92	1/4	930.60	1/4	1,276.80	1/4	1,631.85	1/4	1,990.78	1/4	2,349.70	1/4	2,708.62	1/4	3,067.54	1/4	3,426.46
1/2	231.69	1/2	583.17	1/2	937.75	1/2	1,284.28	1/2	1,639.33	1/2	1,998.26	1/2	2,357.18	1/2	2,716.10	1/2	3,075.02	1/2	3,433.94
3/4	239.16	3/4	590.65	3/4	944.90	3/4	1,291.76	3/4	1,646.81	3/4	2,005.74	3/4	2,364.66	3/4	2,723.58	3/4	3,082.50	3/4	3,441.42
8	246.63	8	598.13	8	952.04	8	1,299.24	8	1,654.29	8	2,013.21	8	2,372.13	8	2,731.05	8	3,089.97	8	3,448.89
1/4	254.10	1/4	605.61	1/4	959.19	1/4	1,306.72	1/4	1,661.77	1/4	2,020.69	1/4	2,379.61	1/4	2,738.53	1/4	3,097.45	1/4	3,456.37
1/2	261.57	1/2	613.09	1/2	966.34	1/2	1,314.20	1/2	1,669.24	1/2	2,028.17	1/2	2,387.09	1/2	2,746.01	1/2	3,104.93	1/2	3,463.85
3/4	269.05	3/4	620.57	3/4	973.49	3/4	1,321.59	3/4	1,676.72	3/4	2,035.65	3/4	2,394.57	3/4	2,753.49	3/4	3,112.41	3/4	3,471.33
9	276.53	9	628.04	9	980.63	9	1,328.99	9	1,684.20	9	2,043.12	9	2,402.04	9	2,760.96	9	3,119.88	9	3,478.80
1/4	284.01	1/4	635.52	1/4	987.78	1/4	1,336.39	1/4	1,691.68	1/4	2,050.60	1/4	2,409.52	1/4	2,768.44	1/4	3,127.36	1/4	3,486.28
1/2	291.48	1/2	643.00	1/2	994.93	1/2	1,343.78	1/2	1,699.15	1/2	2,058.08	1/2	2,417.00	1/2	2,775.92	1/2	3,134.84	1/2	3,493.76
3/4	298.96	3/4	650.48	3/4	1,002.08	3/4	1,351.10	3/4	1,706.63	3/4	2,065.56	3/4	2,424.48	3/4	2,783.40	3/4	3,142.32	3/4	3,501.24
10	306.44	10	657.96	10	1,009.23	10	1,358.42	10	1,714.11	10	2,073.03	10	2,431.95	10	2,790.87	10	3,149.79	10	3,508.71
1/4	313.92	1/4	665.44	1/4	1,016.37	1/4	1,365.73	1/4	1,721.59	1/4	2,080.51	1/4	2,439.43	1/4	2,798.35	1/4	3,157.27	1/4	3,516.19
1/2	321.39	1/2	672.91	1/2	1,023.52	1/2	1,373.05	1/2	1,729.06	1/2	2,087.99	1/2	2,446.91	1/2	2,805.83	1/2	3,164.75	1/2	3,523.67
3/4	328.87	3/4	680.39	3/4	1,030.67	3/4	1,380.37	3/4	1,736.54	3/4	2,095.47	3/4	2,454.39	3/4	2,813.31	3/4	3,172.23	3/4	3,531.15
11	336.35	11	687.87	11	1,037.82	11	1,387.68	11	1,744.02	11	2,102.94	11	2,461.86	11	2,820.78	11	3,179.70	11	3,538.62
1/4	343.82	1/4	695.35	1/4	1,044.97	1/4	1,395.00	1/4	1,751.50	1/4	2,110.42	1/4	2,469.34	1/4	2,828.26	1/4	3,187.18	1/4	3,546.10
1/2	351.30	1/2	702.83	1/2	1,052.11	1/2	1,402.31	1/2	1,758.98	1/2	2,117.90	1/2	2,476.82	1/2	2,835.74	1/2	3,194.66	1/2	3,553.58
3/4	358.77	3/4	710.30	3/4	1,059.26	3/4	1,409.63	3/4	1,766.45	3/4	2,125.38	3/4	2,484.30	3/4	2,843.22	3/4	3,202.14	3/4	3,561.06

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE THAT EXPANDS TO 4".  
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "KIRBY 27765"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,568.53	0	3,925.93	0	4,266.47	0	4,582.45	0		0		0		0		0		0	
1/4	3,576.01	1/4	3,933.24	1/4	4,273.29	1/4	4,588.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,583.49	1/2	3,940.56	1/2	4,280.11	1/2	4,595.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,590.97	3/4	3,947.84	3/4	4,286.87	3/4	4,601.51	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,598.44	1	3,955.12	1	4,293.63	1	4,607.84	1		1		1		1		1		1	
1/4	3,605.92	1/4	3,962.40	1/4	4,300.39	1/4	4,614.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,613.40	1/2	3,969.68	1/2	4,307.16	1/2	4,620.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,620.88	3/4	3,976.92	3/4	4,313.88	3/4	4,627.08	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,628.35	2	3,984.16	2	4,320.61	2	4,633.65	2		2		2		2		2		2	
1/4	3,635.83	1/4	3,991.40	1/4	4,327.34	1/4	4,640.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,643.31	1/2	3,998.65	1/2	4,334.06	1/2	4,646.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,650.79	3/4	4,005.86	3/4	4,340.75	3/4	4,653.93	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,658.26	3	4,013.06	3	4,347.44	3	4,661.05	3		3		3		3		3		3	
1/4	3,665.74	1/4	4,020.27	1/4	4,354.13	1/4	4,668.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,673.22	1/2	4,027.48	1/2	4,360.82	1/2	4,675.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,680.70	3/4	4,034.65	3/4	4,367.48	3/4	4,682.67	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,688.17	4	4,041.82	4	4,374.13	4	4,690.07	4		4		4		4		4		4	
1/4	3,695.65	1/4	4,048.99	1/4	4,380.78	1/4	4,697.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,703.13	1/2	4,056.16	1/2	4,387.44	1/2	4,704.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,710.61	3/4	4,063.30	3/4	4,394.06	3/4	4,712.07	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,718.08	5	4,070.43	5	4,400.67	5	4,719.29	5		5		5		5		5		5	
1/4	3,725.56	1/4	4,077.57	1/4	4,407.29	1/4	4,726.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,733.04	1/2	4,084.70	1/2	4,413.91	1/2	4,733.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,740.52	3/4	4,091.80	3/4	4,420.49	3/4	4,740.16	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,747.99	6	4,098.90	6	4,427.08	6	4,746.60	6		6		6		6		6		6	
1/4	3,755.47	1/4	4,106.00	1/4	4,433.66	1/4	4,753.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,762.95	1/2	4,113.10	1/2	4,440.24	1/2	4,759.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,770.42	3/4	4,120.16	3/4	4,446.79	3/4	4,764.68	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,777.89	7	4,127.22	7	4,453.33	7	4,769.90	7		7		7		7		7		7	
1/4	3,785.36	1/4	4,134.29	1/4	4,459.88	1/4	4,775.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,792.83	1/2	4,141.35	1/2	4,466.42	1/2	4,780.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,800.28	3/4	4,148.38	3/4	4,472.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,807.74	8	4,155.40	8	4,479.44	8		8		8		8		8		8		8	
1/4	3,815.19	1/4	4,162.43	1/4	4,485.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,822.65	1/2	4,169.46	1/2	4,492.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,830.07	3/4	4,176.45	3/4	4,498.94	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,837.50	9	4,183.44	9	4,505.41	9		9		9		9		9		9		9	
1/4	3,844.92	1/4	4,190.43	1/4	4,511.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,852.34	1/2	4,197.42	1/2	4,518.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,859.73	3/4	4,204.38	3/4	4,524.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,867.12	10	4,211.33	10	4,531.23	10		10		10		10		10		10		10	
1/4	3,874.50	1/4	4,218.29	1/4	4,537.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,881.89	1/2	4,225.24	1/2	4,544.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,889.24	3/4	4,232.14	3/4	4,550.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,896.59	11	4,239.04	11	4,556.91	11		11		11		11		11		11		11	
1/4	3,903.95	1/4	4,245.93	1/4	4,563.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,911.30	1/2	4,252.83	1/2	4,569.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,918.61	3/4	4,259.65	3/4	4,576.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
PRINTED: 06/09/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2011

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



# BARGE "KIRBY 27765"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	23.04	0	366.24	0	717.77	0	1,076.04	0	1,432.60	0	1,789.58	0	2,148.50	0	2,507.42	0	2,866.33	0	3,225.25
1/4	28.03	1/4	373.71	1/4	725.25	1/4	1,083.49	1/4	1,439.91	1/4	1,797.06	1/4	2,155.98	1/4	2,514.90	1/4	2,873.81	1/4	3,232.73
1/2	33.01	1/2	381.18	1/2	732.73	1/2	1,090.94	1/2	1,447.23	1/2	1,804.53	1/2	2,163.46	1/2	2,522.37	1/2	2,881.29	1/2	3,240.20
3/4	39.81	3/4	388.63	3/4	740.21	3/4	1,098.39	3/4	1,454.54	3/4	1,812.01	3/4	2,170.94	3/4	2,529.85	3/4	2,888.77	3/4	3,247.68
1	46.62	1	396.09	1	747.68	1	1,105.83	1	1,461.86	1	1,819.49	1	2,178.41	1	2,537.33	1	2,896.24	1	3,255.16
1/4	53.42	1/4	403.54	1/4	755.16	1/4	1,113.28	1/4	1,469.18	1/4	1,826.97	1/4	2,185.89	1/4	2,544.81	1/4	2,903.72	1/4	3,262.64
1/2	60.23	1/2	411.00	1/2	762.64	1/2	1,120.73	1/2	1,476.49	1/2	1,834.44	1/2	2,193.37	1/2	2,552.28	1/2	2,911.20	1/2	3,270.11
3/4	67.41	3/4	418.45	3/4	770.12	3/4	1,128.18	3/4	1,483.81	3/4	1,841.92	3/4	2,200.85	3/4	2,559.76	3/4	2,918.68	3/4	3,277.59
2	74.59	2	425.90	2	777.60	2	1,135.63	2	1,491.12	2	1,849.40	2	2,208.32	2	2,567.24	2	2,926.15	2	3,285.07
1/4	81.77	1/4	433.34	1/4	785.07	1/4	1,143.08	1/4	1,498.44	1/4	1,856.88	1/4	2,215.80	1/4	2,574.72	1/4	2,933.63	1/4	3,292.55
1/2	88.96	1/2	440.79	1/2	792.55	1/2	1,150.53	1/2	1,505.75	1/2	1,864.35	1/2	2,223.28	1/2	2,582.19	1/2	2,941.11	1/2	3,300.02
3/4	95.73	3/4	448.25	3/4	800.03	3/4	1,157.98	3/4	1,513.15	3/4	1,871.83	3/4	2,230.75	3/4	2,589.67	3/4	2,948.59	3/4	3,307.50
3	102.50	3	455.70	3	807.51	3	1,165.43	3	1,520.55	3	1,879.31	3	2,238.23	3	2,597.15	3	2,956.06	3	3,314.98
1/4	109.27	1/4	463.16	1/4	814.99	1/4	1,172.88	1/4	1,527.94	1/4	1,886.79	1/4	2,245.71	1/4	2,604.62	1/4	2,963.54	1/4	3,322.46
1/2	116.05	1/2	470.62	1/2	822.46	1/2	1,180.33	1/2	1,535.34	1/2	1,894.26	1/2	2,253.19	1/2	2,612.10	1/2	2,971.02	1/2	3,329.93
3/4	122.83	3/4	477.86	3/4	829.94	3/4	1,187.80	3/4	1,542.82	3/4	1,901.74	3/4	2,260.66	3/4	2,619.58	3/4	2,978.49	3/4	3,337.41
4	129.62	4	485.11	4	837.42	4	1,195.27	4	1,550.29	4	1,909.22	4	2,268.14	4	2,627.06	4	2,985.97	4	3,344.89
1/4	136.40	1/4	492.36	1/4	844.90	1/4	1,202.73	1/4	1,557.77	1/4	1,916.70	1/4	2,275.62	1/4	2,634.53	1/4	2,993.45	1/4	3,352.36
1/2	143.19	1/2	499.61	1/2	852.38	1/2	1,210.20	1/2	1,565.25	1/2	1,924.17	1/2	2,283.10	1/2	2,642.01	1/2	3,000.93	1/2	3,359.84
3/4	150.41	3/4	506.43	3/4	859.85	3/4	1,217.68	3/4	1,572.73	3/4	1,931.65	3/4	2,290.57	3/4	2,649.49	3/4	3,008.40	3/4	3,367.32
5	157.64	5	513.24	5	867.33	5	1,225.15	5	1,580.21	5	1,939.13	5	2,298.05	5	2,656.97	5	3,015.88	5	3,374.80
1/4	164.86	1/4	520.06	1/4	874.81	1/4	1,232.63	1/4	1,587.68	1/4	1,946.61	1/4	2,305.53	1/4	2,664.44	1/4	3,023.36	1/4	3,382.27
1/2	172.09	1/2	526.87	1/2	882.29	1/2	1,240.11	1/2	1,595.16	1/2	1,954.09	1/2	2,313.01	1/2	2,671.92	1/2	3,030.84	1/2	3,389.75
3/4	179.53	3/4	533.69	3/4	889.75	3/4	1,247.59	3/4	1,602.64	3/4	1,961.56	3/4	2,320.48	3/4	2,679.40	3/4	3,038.31	3/4	3,397.23
6	186.98	6	540.50	6	897.22	6	1,255.07	6	1,610.12	6	1,969.04	6	2,327.96	6	2,686.88	6	3,045.79	6	3,404.71
1/4	194.42	1/4	547.32	1/4	904.69	1/4	1,262.54	1/4	1,617.59	1/4	1,976.52	1/4	2,335.44	1/4	2,694.35	1/4	3,053.27	1/4	3,412.18
1/2	201.87	1/2	554.13	1/2	912.15	1/2	1,270.02	1/2	1,625.07	1/2	1,984.00	1/2	2,342.92	1/2	2,701.83	1/2	3,060.75	1/2	3,419.66
3/4	209.32	3/4	561.39	3/4	919.60	3/4	1,277.50	3/4	1,632.55	3/4	1,991.47	3/4	2,350.39	3/4	2,709.31	3/4	3,068.22	3/4	3,427.14
7	216.78	7	568.65	7	927.05	7	1,284.98	7	1,640.03	7	1,998.95	7	2,357.87	7	2,716.79	7	3,075.70	7	3,434.62
1/4	224.24	1/4	575.91	1/4	934.50	1/4	1,292.46	1/4	1,647.50	1/4	2,006.43	1/4	2,365.35	1/4	2,724.26	1/4	3,083.18	1/4	3,442.09
1/2	231.69	1/2	583.16	1/2	941.95	1/2	1,299.94	1/2	1,654.98	1/2	2,013.91	1/2	2,372.83	1/2	2,731.74	1/2	3,090.66	1/2	3,449.57
3/4	239.16	3/4	590.64	3/4	949.40	3/4	1,307.41	3/4	1,662.46	3/4	2,021.39	3/4	2,380.30	3/4	2,739.22	3/4	3,098.13	3/4	3,457.05
8	246.63	8	598.12	8	956.85	8	1,314.89	8	1,669.94	8	2,028.87	8	2,387.78	8	2,746.70	8	3,105.61	8	3,464.53
1/4	254.10	1/4	605.60	1/4	964.30	1/4	1,322.37	1/4	1,677.41	1/4	2,036.34	1/4	2,395.26	1/4	2,754.17	1/4	3,113.09	1/4	3,472.00
1/2	261.57	1/2	613.08	1/2	971.75	1/2	1,329.85	1/2	1,684.89	1/2	2,043.82	1/2	2,402.74	1/2	2,761.65	1/2	3,120.57	1/2	3,479.48
3/4	269.05	3/4	620.56	3/4	979.20	3/4	1,337.25	3/4	1,692.37	3/4	2,051.30	3/4	2,410.21	3/4	2,769.13	3/4	3,128.04	3/4	3,486.96
9	276.52	9	628.03	9	986.65	9	1,344.64	9	1,699.85	9	2,058.77	9	2,417.69	9	2,776.61	9	3,135.52	9	3,494.44
1/4	284.00	1/4	635.51	1/4	994.10	1/4	1,352.04	1/4	1,707.32	1/4	2,066.25	1/4	2,425.17	1/4	2,784.08	1/4	3,143.00	1/4	3,501.91
1/2	291.48	1/2	642.99	1/2	1,001.55	1/2	1,359.44	1/2	1,714.80	1/2	2,073.73	1/2	2,432.64	1/2	2,791.56	1/2	3,150.48	1/2	3,509.39
3/4	298.96	3/4	650.47	3/4	1,009.00	3/4	1,366.75	3/4	1,722.28	3/4	2,081.21	3/4	2,440.12	3/4	2,799.04	3/4	3,157.95	3/4	3,516.87
10	306.43	10	657.95	10	1,016.45	10	1,374.07	10	1,729.76	10	2,088.68	10	2,447.60	10	2,806.51	10	3,165.43	10	3,524.35
1/4	313.91	1/4	665.43	1/4	1,023.89	1/4	1,381.39	1/4	1,737.23	1/4	2,096.16	1/4	2,455.08	1/4	2,813.99	1/4	3,172.91	1/4	3,531.82
1/2	321.39	1/2	672.90	1/2	1,031.34	1/2	1,388.70	1/2	1,744.71	1/2	2,103.64	1/2	2,462.55	1/2	2,821.47	1/2	3,180.38	1/2	3,539.30
3/4	328.87	3/4	680.38	3/4	1,038.79	3/4	1,396.02	3/4	1,752.19	3/4	2,111.12	3/4	2,470.03	3/4	2,828.95	3/4	3,187.86	3/4	3,546.78
11	336.34	11	687.86	11	1,046.24	11	1,403.33	11	1,759.67	11	2,118.59	11	2,477.51	11	2,836.42	11	3,195.34	11	3,554.25
1/4	343.82	1/4	695.34	1/4	1,053.69	1/4	1,410.65	1/4	1,767.15	1/4	2,126.07	1/4	2,484.99	1/4	2,843.90	1/4	3,202.82	1/4	3,561.73
1/2	351.30	1/2	702.82	1/2	1,061.14	1/2	1,417.97	1/2	1,774.62	1/2	2,133.55	1/2	2,492.46	1/2	2,851.38	1/2	3,210.29	1/2	3,569.21
3/4	358.77	3/4	710.29	3/4	1,068.59	3/4	1,425.28	3/4	1,782.10	3/4	2,141.03	3/4	2,499.94	3/4	2,858.86	3/4	3,217.77	3/4	3,576.69

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE THAT EXPANDS TO 4".  
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
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# BARGE "KIRBY 27765"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,584.16	0	3,941.58	0	4,282.11	0	4,598.05	0		0		0		0		0		0	
1/4	3,591.64	1/4	3,948.89	1/4	4,288.92	1/4	4,604.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,599.12	1/2	3,956.21	1/2	4,295.74	1/2	4,610.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,606.60	3/4	3,963.49	3/4	4,302.50	3/4	4,617.11	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,614.07	1	3,970.77	1	4,309.27	1	4,623.44	1		1		1		1		1		1	
1/4	3,621.55	1/4	3,978.04	1/4	4,316.03	1/4	4,629.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,629.03	1/2	3,985.32	1/2	4,322.79	1/2	4,636.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,636.51	3/4	3,992.57	3/4	4,329.52	3/4	4,642.68	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,643.98	2	3,999.81	2	4,336.24	2	4,649.25	2		2		2		2		2		2	
1/4	3,651.46	1/4	4,007.05	1/4	4,342.97	1/4	4,655.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,658.94	1/2	4,014.30	1/2	4,349.69	1/2	4,662.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.42	3/4	4,021.50	3/4	4,356.38	3/4	4,669.52	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,673.89	3	4,028.71	3	4,363.07	3	4,676.64	3		3		3		3		3		3	
1/4	3,681.37	1/4	4,035.92	1/4	4,369.76	1/4	4,683.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,688.85	1/2	4,043.12	1/2	4,376.45	1/2	4,690.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.33	3/4	4,050.29	3/4	4,383.10	3/4	4,698.27	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,703.80	4	4,057.47	4	4,389.76	4	4,705.66	4		4		4		4		4		4	
1/4	3,711.28	1/4	4,064.64	1/4	4,396.41	1/4	4,713.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,718.76	1/2	4,071.81	1/2	4,403.06	1/2	4,720.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.23	3/4	4,078.94	3/4	4,409.68	3/4	4,727.67	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,733.71	5	4,086.08	5	4,416.30	5	4,734.89	5		5		5		5		5		5	
1/4	3,741.19	1/4	4,093.21	1/4	4,422.92	1/4	4,742.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.67	1/2	4,100.35	1/2	4,429.53	1/2	4,749.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,756.14	3/4	4,107.45	3/4	4,436.12	3/4	4,755.76	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,763.62	6	4,114.54	6	4,442.70	6	4,762.20	6		6		6		6		6		6	
1/4	3,771.10	1/4	4,121.64	1/4	4,449.28	1/4	4,768.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,778.58	1/2	4,128.74	1/2	4,455.86	1/2	4,775.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.05	3/4	4,135.80	3/4	4,462.40	3/4	4,780.29	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,793.53	7	4,142.87	7	4,468.95	7	4,785.50	7		7		7		7		7		7	
1/4	3,801.00	1/4	4,149.93	1/4	4,475.50	1/4	4,790.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,808.48	1/2	4,156.99	1/2	4,482.04	1/2	4,795.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,815.93	3/4	4,164.02	3/4	4,488.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,823.39	8	4,171.05	8	4,495.06	8		8		8		8		8		8		8	
1/4	3,830.84	1/4	4,178.07	1/4	4,501.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,838.30	1/2	4,185.10	1/2	4,508.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,845.72	3/4	4,192.09	3/4	4,514.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,853.15	9	4,199.08	9	4,521.02	9		9		9		9		9		9		9	
1/4	3,860.57	1/4	4,206.07	1/4	4,527.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.99	1/2	4,213.06	1/2	4,533.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.38	3/4	4,220.01	3/4	4,540.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,882.77	10	4,226.97	10	4,546.84	10		10		10		10		10		10		10	
1/4	3,890.15	1/4	4,233.92	1/4	4,553.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.54	1/2	4,240.88	1/2	4,559.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,904.89	3/4	4,247.78	3/4	4,566.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,912.24	11	4,254.67	11	4,572.52	11		11		11		11		11		11		11	
1/4	3,919.60	1/4	4,261.57	1/4	4,578.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,926.95	1/2	4,268.47	1/2	4,585.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,934.26	3/4	4,275.29	3/4	4,591.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
PRINTED: 06/09/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2011

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



# BARGE "KIRBY 27765"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

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	46.28	0	318.98	0	665.28	0	1,010.81	0	1,360.64	0	1,715.40	0	2,071.68	0	2,427.96	0	2,784.24	0	3,140.57
1/4	46.79	1/4	326.38	1/4	672.49	1/4	1,017.99	1/4	1,367.90	1/4	1,722.82	1/4	2,079.10	1/4	2,435.38	1/4	2,791.66	1/4	3,148.01
1/2	47.30	1/2	333.77	1/2	679.71	1/2	1,025.18	1/2	1,375.16	1/2	1,730.24	1/2	2,086.53	1/2	2,442.81	1/2	2,799.09	1/2	3,155.46
3/4	48.65	3/4	341.17	3/4	686.93	3/4	1,032.37	3/4	1,382.40	3/4	1,737.66	3/4	2,093.95	3/4	2,450.23	3/4	2,806.51	3/4	3,162.90
1	50.00	1	348.57	1	694.14	1	1,039.55	1	1,389.64	1	1,745.09	1	2,101.37	1	2,457.65	1	2,813.93	1	3,170.35
1/4	51.35	1/4	355.97	1/4	701.36	1/4	1,046.74	1/4	1,396.87	1/4	1,752.51	1/4	2,108.79	1/4	2,465.07	1/4	2,821.35	1/4	3,177.79
1/2	52.71	1/2	363.36	1/2	708.58	1/2	1,053.92	1/2	1,404.11	1/2	1,759.93	1/2	2,116.22	1/2	2,472.50	1/2	2,828.78	1/2	3,185.23
3/4	54.88	3/4	370.78	3/4	715.79	3/4	1,061.11	3/4	1,411.51	3/4	1,767.36	3/4	2,123.64	3/4	2,479.92	3/4	2,836.20	3/4	3,192.68
2	57.06	2	378.19	2	723.01	2	1,068.30	2	1,418.91	2	1,774.78	2	2,131.06	2	2,487.34	2	2,843.62	2	3,200.12
1/4	59.23	1/4	385.60	1/4	730.23	1/4	1,075.49	1/4	1,426.31	1/4	1,782.20	1/4	2,138.48	1/4	2,494.76	1/4	2,851.04	1/4	3,207.57
1/2	61.41	1/2	393.01	1/2	737.45	1/2	1,082.68	1/2	1,433.71	1/2	1,789.62	1/2	2,145.91	1/2	2,502.19	1/2	2,858.47	1/2	3,215.01
3/4	65.26	3/4	400.00	3/4	744.66	3/4	1,089.88	3/4	1,441.11	3/4	1,797.05	3/4	2,153.33	3/4	2,509.61	3/4	2,865.89	3/4	3,222.46
3	69.12	3	406.99	3	751.88	3	1,097.08	3	1,448.51	3	1,804.47	3	2,160.75	3	2,517.03	3	2,873.31	3	3,229.90
1/4	72.98	1/4	413.98	1/4	759.10	1/4	1,104.27	1/4	1,455.90	1/4	1,811.89	1/4	2,168.17	1/4	2,524.45	1/4	2,880.73	1/4	3,237.35
1/2	76.83	1/2	420.96	1/2	766.31	1/2	1,111.47	1/2	1,463.30	1/2	1,819.31	1/2	2,175.60	1/2	2,531.88	1/2	2,888.16	1/2	3,244.79
3/4	82.36	3/4	427.51	3/4	773.53	3/4	1,118.88	3/4	1,470.70	3/4	1,826.74	3/4	2,183.02	3/4	2,539.30	3/4	2,895.58	3/4	3,252.24
4	87.90	4	434.06	4	780.75	4	1,126.29	4	1,478.10	4	1,834.16	4	2,190.44	4	2,546.72	4	2,903.00	4	3,259.68
1/4	93.43	1/4	440.61	1/4	787.96	1/4	1,133.69	1/4	1,485.50	1/4	1,841.58	1/4	2,197.86	1/4	2,554.14	1/4	2,910.42	1/4	3,267.13
1/2	98.96	1/2	447.15	1/2	795.18	1/2	1,141.10	1/2	1,492.90	1/2	1,849.01	1/2	2,205.29	1/2	2,561.57	1/2	2,917.85	1/2	3,274.57
3/4	105.74	3/4	454.14	3/4	802.37	3/4	1,148.51	3/4	1,500.30	3/4	1,856.43	3/4	2,212.71	3/4	2,568.99	3/4	2,925.27	3/4	3,282.02
5	112.51	5	461.13	5	809.57	5	1,155.92	5	1,507.70	5	1,863.85	5	2,220.13	5	2,576.41	5	2,932.69	5	3,289.46
1/4	119.29	1/4	468.12	1/4	816.76	1/4	1,163.32	1/4	1,515.10	1/4	1,871.27	1/4	2,227.55	1/4	2,583.83	1/4	2,940.11	1/4	3,296.91
1/2	126.07	1/2	475.10	1/2	823.95	1/2	1,170.73	1/2	1,522.50	1/2	1,878.70	1/2	2,234.98	1/2	2,591.26	1/2	2,947.54	1/2	3,304.35
3/4	133.48	3/4	482.53	3/4	831.14	3/4	1,178.14	3/4	1,529.90	3/4	1,886.12	3/4	2,242.40	3/4	2,598.68	3/4	2,954.96	3/4	3,308.34
6	140.89	6	489.96	6	838.33	6	1,185.55	6	1,537.30	6	1,893.54	6	2,249.82	6	2,606.10	6	2,962.38	6	3,312.34
1/4	148.30	1/4	497.39	1/4	845.51	1/4	1,192.95	1/4	1,544.69	1/4	1,900.96	1/4	2,257.24	1/4	2,613.52	1/4	2,969.80	1/4	3,316.33
1/2	155.71	1/2	504.82	1/2	852.70	1/2	1,200.36	1/2	1,552.09	1/2	1,908.39	1/2	2,264.67	1/2	2,620.95	1/2	2,977.23	1/2	3,320.33
3/4	163.14	3/4	512.24	3/4	859.89	3/4	1,207.77	3/4	1,559.52	3/4	1,915.81	3/4	2,272.09	3/4	2,628.37	3/4	2,984.65	3/4	3,324.32
7	170.57	7	519.67	7	867.08	7	1,215.18	7	1,566.94	7	1,923.23	7	2,279.51	7	2,635.79	7	2,992.07	7	3,328.32
1/4	177.99	1/4	527.10	1/4	874.27	1/4	1,222.58	1/4	1,574.36	1/4	1,930.65	1/4	2,286.93	1/4	2,643.21	1/4	2,999.49	1/4	3,332.31
1/2	185.42	1/2	534.53	1/2	881.45	1/2	1,229.99	1/2	1,581.79	1/2	1,938.08	1/2	2,294.36	1/2	2,650.64	1/2	3,006.92	1/2	3,336.31
3/4	192.85	3/4	541.95	3/4	888.64	3/4	1,237.24	3/4	1,589.21	3/4	1,945.50	3/4	2,301.78	3/4	2,658.06	3/4	3,014.34	3/4	3,340.30
8	200.27	8	549.38	8	895.83	8	1,244.48	8	1,596.63	8	1,952.92	8	2,309.20	8	2,665.48	8	3,021.76	8	3,344.29
1/4	207.70	1/4	556.81	1/4	903.02	1/4	1,251.73	1/4	1,604.05	1/4	1,960.34	1/4	2,316.62	1/4	2,672.90	1/4	3,029.18	1/4	3,348.29
1/2	215.12	1/2	564.24	1/2	910.21	1/2	1,258.97	1/2	1,611.48	1/2	1,967.77	1/2	2,324.05	1/2	2,680.33	1/2	3,036.61	1/2	3,352.28
3/4	222.55	3/4	571.45	3/4	917.39	3/4	1,266.23	3/4	1,618.90	3/4	1,975.19	3/4	2,331.47	3/4	2,687.75	3/4	3,044.03	3/4	3,356.28
9	229.98	9	578.67	9	924.58	9	1,273.50	9	1,626.32	9	1,982.61	9	2,338.89	9	2,695.17	9	3,051.45	9	3,360.27
1/4	237.40	1/4	585.89	1/4	931.76	1/4	1,280.76	1/4	1,633.74	1/4	1,990.03	1/4	2,346.31	1/4	2,702.59	1/4	3,058.87	1/4	3,364.27
1/2	244.83	1/2	593.11	1/2	938.95	1/2	1,288.02	1/2	1,641.17	1/2	1,997.46	1/2	2,353.74	1/2	2,710.02	1/2	3,066.30	1/2	3,368.26
3/4	252.26	3/4	600.32	3/4	946.14	3/4	1,295.28	3/4	1,648.59	3/4	2,004.88	3/4	2,361.16	3/4	2,717.44	3/4	3,073.72	3/4	3,372.25
10	259.68	10	607.54	10	953.32	10	1,302.54	10	1,656.01	10	2,012.30	10	2,368.58	10	2,724.86	10	3,081.14	10	3,376.25
1/4	267.11	1/4	614.76	1/4	960.51	1/4	1,309.81	1/4	1,663.44	1/4	2,019.72	1/4	2,376.00	1/4	2,732.28	1/4	3,088.56	1/4	3,380.24
1/2	274.54	1/2	621.97	1/2	967.69	1/2	1,317.07	1/2	1,670.86	1/2	2,027.15	1/2	2,383.43	1/2	2,739.71	1/2	3,095.99	1/2	3,384.24
3/4	281.95	3/4	629.19	3/4	974.88	3/4	1,324.33	3/4	1,678.28	3/4	2,034.57	3/4	2,390.85	3/4	2,747.13	3/4	3,103.41	3/4	3,388.23
11	289.36	11	636.41	11	982.07	11	1,331.59	11	1,685.70	11	2,041.99	11	2,398.27	11	2,754.55	11	3,110.83	11	3,392.23
1/4	296.77	1/4	643.62	1/4	989.25	1/4	1,338.85	1/4	1,693.13	1/4	2,049.41	1/4	2,405.69	1/4	2,761.97	1/4	3,118.25	1/4	3,396.22
1/2	304.18	1/2	650.84	1/2	996.44	1/2	1,346.11	1/2	1,700.55	1/2	2,056.84	1/2	2,413.12	1/2	2,769.40	1/2	3,125.68	1/2	3,400.22
3/4	311.58	3/4	658.06	3/4	1,003.62	3/4	1,353.38	3/4	1,707.97	3/4	2,064.26	3/4	2,420.54	3/4	2,776.82	3/4	3,133.12	3/4	3,404.21

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.

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

GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27765"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,408.20	0	3,598.53	0	3,778.49	0	3,943.99	0		0		0		0		0		0	
1/4	3,412.20	1/4	3,602.41	1/4	3,782.06	1/4	3,947.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,416.19	1/2	3,606.29	1/2	3,785.62	1/2	3,950.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,420.19	3/4	3,610.15	3/4	3,789.16	3/4	3,954.27	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,424.18	1	3,614.00	1	3,792.71	1	3,957.89	1		1		1		1		1		1	
1/4	3,428.18	1/4	3,617.86	1/4	3,796.25	1/4	3,961.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,432.17	1/2	3,621.72	1/2	3,799.80	1/2	3,965.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,436.17	3/4	3,625.56	3/4	3,803.32	3/4	3,969.03	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,440.16	2	3,629.40	2	3,806.84	2	3,972.94	2		2		2		2		2		2	
1/4	3,444.15	1/4	3,633.24	1/4	3,810.37	1/4	3,976.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,448.15	1/2	3,637.09	1/2	3,813.89	1/2	3,980.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,452.14	3/4	3,640.91	3/4	3,817.40	3/4	3,984.67	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,456.14	3	3,644.73	3	3,820.91	3	3,988.58	3		3		3		3		3		3	
1/4	3,460.13	1/4	3,648.55	1/4	3,824.41	1/4	3,992.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,464.13	1/2	3,652.37	1/2	3,827.92	1/2	3,996.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,468.12	3/4	3,656.17	3/4	3,831.40	3/4	3,999.96	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,472.11	4	3,659.97	4	3,834.89	4	4,003.52	4		4		4		4		4		4	
1/4	3,476.11	1/4	3,663.78	1/4	3,838.38	1/4	4,007.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,480.10	1/2	3,667.58	1/2	3,841.86	1/2	4,010.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,484.10	3/4	3,671.36	3/4	3,845.33	3/4	4,013.00	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,488.09	5	3,675.14	5	3,848.80	5	4,015.36	5		5		5		5		5		5	
1/4	3,492.09	1/4	3,678.92	1/4	3,852.26	1/4	4,017.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,496.08	1/2	3,682.71	1/2	3,855.73	1/2	4,020.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,500.07	3/4	3,686.47	3/4	3,859.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,504.06	6	3,690.23	6	3,862.63	6		6		6		6		6		6		6	
1/4	3,508.05	1/4	3,694.00	1/4	3,866.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,512.04	1/2	3,697.76	1/2	3,869.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,516.01	3/4	3,701.50	3/4	3,872.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,519.99	7	3,705.25	7	3,876.38	7		7		7		7		7		7		7	
1/4	3,523.96	1/4	3,708.99	1/4	3,879.81	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,527.94	1/2	3,712.74	1/2	3,883.24	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,531.89	3/4	3,716.46	3/4	3,886.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,535.85	8	3,720.19	8	3,890.05	8		8		8		8		8		8		8	
1/4	3,539.81	1/4	3,723.91	1/4	3,893.46	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,543.76	1/2	3,727.64	1/2	3,896.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,547.70	3/4	3,731.34	3/4	3,900.26	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,551.64	9	3,735.05	9	3,903.65	9		9		9		9		9		9		9	
1/4	3,555.57	1/4	3,738.75	1/4	3,907.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,559.51	1/2	3,742.46	1/2	3,910.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,563.43	3/4	3,746.10	3/4	3,913.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,567.34	10	3,749.75	10	3,917.18	10		10		10		10		10		10		10	
1/4	3,571.26	1/4	3,753.39	1/4	3,920.55	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,575.18	1/2	3,757.04	1/2	3,923.92	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,579.08	3/4	3,760.62	3/4	3,927.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,582.97	11	3,764.20	11	3,930.62	11		11		11		11		11		11		11	
1/4	3,586.87	1/4	3,767.78	1/4	3,933.97	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,590.77	1/2	3,771.37	1/2	3,937.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,594.65	3/4	3,774.93	3/4	3,940.66	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
PRINTED: 06/09/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2011

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





# BARGE "KIRBY 27765"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	46.32	0	319.91	0	670.03	0	1,026.55	0	1,380.75	0	1,737.14	0	2,094.50	0	2,451.86	0	2,809.21	0	3,166.57
1/4	46.85	1/4	327.33	1/4	677.47	1/4	1,033.97	1/4	1,388.04	1/4	1,744.59	1/4	2,101.95	1/4	2,459.30	1/4	2,816.66	1/4	3,174.01
1/2	47.38	1/2	334.74	1/2	684.92	1/2	1,041.39	1/2	1,395.32	1/2	1,752.03	1/2	2,109.39	1/2	2,466.75	1/2	2,824.10	1/2	3,181.46
3/4	48.75	3/4	342.16	3/4	692.36	3/4	1,048.80	3/4	1,402.60	3/4	1,759.48	3/4	2,116.83	3/4	2,474.19	3/4	2,831.55	3/4	3,188.90
1	50.12	1	349.58	1	699.81	1	1,056.22	1	1,409.89	1	1,766.92	1	2,124.28	1	2,481.63	1	2,838.99	1	3,196.35
1/4	51.49	1/4	356.99	1/4	707.25	1/4	1,063.64	1/4	1,417.17	1/4	1,774.37	1/4	2,131.72	1/4	2,489.08	1/4	2,846.43	1/4	3,203.79
1/2	52.86	1/2	364.41	1/2	714.70	1/2	1,071.05	1/2	1,424.45	1/2	1,781.81	1/2	2,139.17	1/2	2,496.52	1/2	2,853.88	1/2	3,211.24
3/4	55.06	3/4	371.84	3/4	722.14	3/4	1,078.47	3/4	1,431.90	3/4	1,789.26	3/4	2,146.61	3/4	2,503.97	3/4	2,861.32	3/4	3,218.68
2	57.25	2	379.27	2	729.59	2	1,085.90	2	1,439.34	2	1,796.70	2	2,154.06	2	2,511.41	2	2,868.77	2	3,226.12
1/4	59.45	1/4	386.70	1/4	737.03	1/4	1,093.32	1/4	1,446.79	1/4	1,804.15	1/4	2,161.50	1/4	2,518.86	1/4	2,876.21	1/4	3,233.57
1/2	61.64	1/2	394.13	1/2	744.48	1/2	1,100.74	1/2	1,454.23	1/2	1,811.59	1/2	2,168.95	1/2	2,526.30	1/2	2,883.66	1/2	3,241.01
3/4	65.52	3/4	401.14	3/4	751.92	3/4	1,108.18	3/4	1,461.68	3/4	1,819.04	3/4	2,176.39	3/4	2,533.75	3/4	2,891.10	3/4	3,248.46
3	69.39	3	408.14	3	759.37	3	1,115.63	3	1,469.12	3	1,826.48	3	2,183.84	3	2,541.19	3	2,898.55	3	3,255.90
1/4	73.27	1/4	415.15	1/4	766.82	1/4	1,123.07	1/4	1,476.57	1/4	1,833.93	1/4	2,191.28	1/4	2,548.64	1/4	2,905.99	1/4	3,263.35
1/2	77.14	1/2	422.15	1/2	774.26	1/2	1,130.52	1/2	1,484.01	1/2	1,841.37	1/2	2,198.73	1/2	2,556.08	1/2	2,913.44	1/2	3,270.79
3/4	82.70	3/4	428.72	3/4	781.71	3/4	1,137.97	3/4	1,491.46	3/4	1,848.82	3/4	2,206.17	3/4	2,563.53	3/4	2,920.88	3/4	3,278.24
4	88.25	4	435.29	4	789.15	4	1,145.41	4	1,498.90	4	1,856.26	4	2,213.62	4	2,570.97	4	2,928.33	4	3,285.68
1/4	93.80	1/4	441.85	1/4	796.60	1/4	1,152.86	1/4	1,506.35	1/4	1,863.71	1/4	2,221.06	1/4	2,578.42	1/4	2,935.77	1/4	3,293.13
1/2	99.35	1/2	448.42	1/2	804.04	1/2	1,160.30	1/2	1,513.79	1/2	1,871.15	1/2	2,228.51	1/2	2,585.86	1/2	2,943.22	1/2	3,300.57
3/4	106.14	3/4	455.42	3/4	811.46	3/4	1,167.75	3/4	1,521.24	3/4	1,878.60	3/4	2,235.95	3/4	2,593.31	3/4	2,950.66	3/4	3,308.02
5	112.94	5	462.43	5	818.88	5	1,175.19	5	1,528.68	5	1,886.04	5	2,243.40	5	2,600.75	5	2,958.11	5	3,315.46
1/4	119.73	1/4	469.44	1/4	826.30	1/4	1,182.64	1/4	1,536.13	1/4	1,893.49	1/4	2,250.84	1/4	2,608.20	1/4	2,965.55	1/4	3,322.91
1/2	126.53	1/2	476.44	1/2	833.73	1/2	1,190.09	1/2	1,543.57	1/2	1,900.93	1/2	2,258.29	1/2	2,615.64	1/2	2,973.00	1/2	3,330.35
3/4	133.96	3/4	483.89	3/4	841.14	3/4	1,197.53	3/4	1,551.02	3/4	1,908.38	3/4	2,265.73	3/4	2,623.09	3/4	2,980.44	3/4	3,337.80
6	141.39	6	491.33	6	848.56	6	1,204.98	6	1,558.46	6	1,915.82	6	2,273.18	6	2,630.53	6	2,987.89	6	3,345.24
1/4	148.82	1/4	498.78	1/4	855.98	1/4	1,212.42	1/4	1,565.91	1/4	1,923.27	1/4	2,280.62	1/4	2,637.98	1/4	2,995.33	1/4	3,352.68
1/2	156.25	1/2	506.22	1/2	863.39	1/2	1,219.87	1/2	1,573.35	1/2	1,930.71	1/2	2,288.07	1/2	2,645.42	1/2	3,002.78	1/2	3,360.12
3/4	163.69	3/4	513.67	3/4	870.81	3/4	1,227.31	3/4	1,580.80	3/4	1,938.16	3/4	2,295.51	3/4	2,652.87	3/4	3,010.22	3/4	3,367.56
7	171.14	7	521.12	7	878.22	7	1,234.76	7	1,588.24	7	1,945.60	7	2,302.96	7	2,660.31	7	3,017.67	7	3,375.00
1/4	178.58	1/4	528.56	1/4	885.64	1/4	1,242.21	1/4	1,595.69	1/4	1,953.05	1/4	2,310.40	1/4	2,667.76	1/4	3,025.11	1/4	3,382.44
1/2	186.03	1/2	536.01	1/2	893.06	1/2	1,249.65	1/2	1,603.13	1/2	1,960.49	1/2	2,317.85	1/2	2,675.20	1/2	3,032.56	1/2	3,389.88
3/4	193.47	3/4	543.45	3/4	900.47	3/4	1,256.93	3/4	1,610.58	3/4	1,967.94	3/4	2,325.29	3/4	2,682.65	3/4	3,040.00	3/4	3,397.32
8	200.91	8	550.90	8	907.89	8	1,264.22	8	1,618.02	8	1,975.38	8	2,332.74	8	2,690.09	8	3,047.45	8	3,404.76
1/4	208.36	1/4	558.35	1/4	915.31	1/4	1,271.50	1/4	1,625.47	1/4	1,982.83	1/4	2,340.18	1/4	2,697.54	1/4	3,054.89	1/4	3,412.20
1/2	215.80	1/2	565.79	1/2	922.72	1/2	1,278.79	1/2	1,632.91	1/2	1,990.27	1/2	2,347.63	1/2	2,704.98	1/2	3,062.34	1/2	3,419.64
3/4	223.25	3/4	573.24	3/4	930.14	3/4	1,286.07	3/4	1,640.36	3/4	1,997.72	3/4	2,355.07	3/4	2,712.43	3/4	3,069.78	3/4	3,427.08
9	230.69	9	580.68	9	937.56	9	1,293.35	9	1,647.80	9	2,005.16	9	2,362.52	9	2,719.87	9	3,077.23	9	3,434.52
1/4	238.14	1/4	588.13	1/4	944.97	1/4	1,300.64	1/4	1,655.25	1/4	2,012.61	1/4	2,369.96	1/4	2,727.32	1/4	3,084.67	1/4	3,441.96
1/2	245.58	1/2	595.57	1/2	952.39	1/2	1,307.92	1/2	1,662.69	1/2	2,020.05	1/2	2,377.41	1/2	2,734.76	1/2	3,092.12	1/2	3,449.40
3/4	253.03	3/4	603.02	3/4	959.81	3/4	1,315.20	3/4	1,670.14	3/4	2,027.50	3/4	2,384.85	3/4	2,742.21	3/4	3,099.56	3/4	3,456.84
10	260.47	10	610.46	10	967.22	10	1,322.49	10	1,677.58	10	2,034.94	10	2,392.30	10	2,749.65	10	3,107.01	10	3,464.28
1/4	267.92	1/4	617.91	1/4	974.64	1/4	1,329.77	1/4	1,685.03	1/4	2,042.39	1/4	2,399.74	1/4	2,757.10	1/4	3,114.45	1/4	3,471.72
1/2	275.36	1/2	625.35	1/2	982.06	1/2	1,337.05	1/2	1,692.47	1/2	2,049.83	1/2	2,407.19	1/2	2,764.54	1/2	3,121.90	1/2	3,479.16
3/4	282.79	3/4	632.80	3/4	989.47	3/4	1,344.34	3/4	1,699.92	3/4	2,057.28	3/4	2,414.63	3/4	2,771.99	3/4	3,129.34	3/4	3,486.60
11	290.22	11	640.24	11	996.89	11	1,351.62	11	1,707.36	11	2,064.72	11	2,422.08	11	2,779.43	11	3,136.79	11	3,494.04
1/4	297.65	1/4	647.69	1/4	1,004.31	1/4	1,358.90	1/4	1,714.81	1/4	2,072.17	1/4	2,429.52	1/4	2,786.88	1/4	3,144.23	1/4	3,501.48
1/2	305.08	1/2	655.14	1/2	1,011.72	1/2	1,366.19	1/2	1,722.25	1/2	2,079.61	1/2	2,436.97	1/2	2,794.32	1/2	3,151.68	1/2	3,508.92
3/4	312.50	3/4	662.58	3/4	1,019.14	3/4	1,373.47	3/4	1,729.70	3/4	2,087.06	3/4	2,444.41	3/4	2,801.77	3/4	3,159.12	3/4	3,516.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.

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

GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27765"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	3,434.23	0	3,624.59	0	3,804.60	0	3,970.14	0		0		0		0		0		0	
1/4	3,438.22	1/4	3,628.47	1/4	3,808.16	1/4	3,973.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,442.22	1/2	3,632.35	1/2	3,811.72	1/2	3,976.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,446.21	3/4	3,636.21	3/4	3,815.27	3/4	3,980.42	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,450.21	1	3,640.07	1	3,818.81	1	3,984.04	1		1		1		1		1		1	
1/4	3,454.20	1/4	3,643.93	1/4	3,822.36	1/4	3,987.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,458.20	1/2	3,647.79	1/2	3,825.90	1/2	3,991.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,462.19	3/4	3,651.63	3/4	3,829.43	3/4	3,995.18	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,466.19	2	3,655.47	2	3,832.96	2	3,999.09	2		2		2		2		2		2	
1/4	3,470.18	1/4	3,659.31	1/4	3,836.48	1/4	4,003.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,474.18	1/2	3,663.15	1/2	3,840.01	1/2	4,006.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,478.17	3/4	3,666.98	3/4	3,843.51	3/4	4,010.83	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,482.17	3	3,670.80	3	3,847.02	3	4,014.74	3		3		3		3		3		3	
1/4	3,486.16	1/4	3,674.62	1/4	3,850.53	1/4	4,018.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,490.16	1/2	3,678.44	1/2	3,854.03	1/2	4,022.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,494.15	3/4	3,682.24	3/4	3,857.52	3/4	4,026.12	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,498.15	4	3,686.05	4	3,861.01	4	4,029.69	4		4		4		4		4		4	
1/4	3,502.14	1/4	3,689.85	1/4	3,864.49	1/4	4,033.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,506.14	1/2	3,693.65	1/2	3,867.98	1/2	4,036.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,510.13	3/4	3,697.44	3/4	3,871.45	3/4	4,039.17	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,514.13	5	3,701.22	5	3,874.92	5	4,041.53	5		5		5		5		5		5	
1/4	3,518.12	1/4	3,705.00	1/4	3,878.39	1/4	4,043.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,522.12	1/2	3,708.79	1/2	3,881.85	1/2	4,046.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,526.11	3/4	3,712.55	3/4	3,885.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,530.10	6	3,716.32	6	3,888.75	6		6		6		6		6		6		6	
1/4	3,534.09	1/4	3,720.08	1/4	3,892.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,538.08	1/2	3,723.84	1/2	3,895.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,542.06	3/4	3,727.59	3/4	3,899.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,546.03	7	3,731.33	7	3,902.51	7		7		7		7		7		7		7	
1/4	3,550.01	1/4	3,735.08	1/4	3,905.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,553.98	1/2	3,738.82	1/2	3,909.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,557.94	3/4	3,742.55	3/4	3,912.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,561.90	8	3,746.27	8	3,916.19	8		8		8		8		8		8		8	
1/4	3,565.85	1/4	3,750.00	1/4	3,919.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,569.81	1/2	3,753.73	1/2	3,923.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,573.75	3/4	3,757.43	3/4	3,926.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,577.69	9	3,761.14	9	3,929.79	9		9		9		9		9		9		9	
1/4	3,581.62	1/4	3,764.85	1/4	3,933.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,585.56	1/2	3,768.55	1/2	3,936.57	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,589.48	3/4	3,772.20	3/4	3,939.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,593.40	10	3,775.84	10	3,943.32	10		10		10		10		10		10		10	
1/4	3,597.31	1/4	3,779.49	1/4	3,946.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,601.23	1/2	3,783.13	1/2	3,950.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,605.13	3/4	3,786.72	3/4	3,953.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,609.03	11	3,790.30	11	3,956.77	11		11		11		11		11		11		11	
1/4	3,612.93	1/4	3,793.88	1/4	3,960.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,616.83	1/2	3,797.47	1/2	3,963.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,620.71	3/4	3,801.03	3/4	3,966.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/08/2011 CL - SW  
CALCULATED: 06/09/2011 CL  
PRINTED: 06/09/2011 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "KIRBY 27765"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-10"

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
1/4	48	1/4	2,352	1/4	4,657	1/4	6,961	1/4	9,266	1/4	11,570	1/4	13,875	1/4		1/4		1/4	
1/2	96	1/2	2,400	1/2	4,705	1/2	7,009	1/2	9,314	1/2	11,618	1/2	13,923	1/2		1/2		1/2	
3/4	144	3/4	2,448	3/4	4,753	3/4	7,057	3/4	9,362	3/4	11,666	3/4	13,971	3/4		3/4		3/4	
1	192	1	2,497	1	4,801	1	7,105	1	9,410	1	11,714	1	14,019	1		1		1	
1/4	240	1/4	2,545	1/4	4,849	1/4	7,153	1/4	9,458	1/4	11,762	1/4	14,067	1/4		1/4		1/4	
1/2	288	1/2	2,593	1/2	4,897	1/2	7,201	1/2	9,506	1/2	11,810	1/2	14,115	1/2		1/2		1/2	
3/4	336	3/4	2,641	3/4	4,945	3/4	7,249	3/4	9,554	3/4	11,858	3/4	14,163	3/4		3/4		3/4	
2	384	2	2,689	2	4,993	2	7,297	2	9,602	2	11,906	2	14,211	2		2		2	
1/4	432	1/4	2,737	1/4	5,041	1/4	7,345	1/4	9,650	1/4	11,954	1/4	14,259	1/4		1/4		1/4	
1/2	480	1/2	2,785	1/2	5,089	1/2	7,393	1/2	9,698	1/2	12,002	1/2	14,307	1/2		1/2		1/2	
3/4	528	3/4	2,833	3/4	5,137	3/4	7,442	3/4	9,746	3/4	12,050	3/4		3/4		3/4		3/4	
3	576	3	2,881	3	5,185	3	7,490	3	9,794	3	12,098	3		3		3		3	
1/4	624	1/4	2,929	1/4	5,233	1/4	7,538	1/4	9,842	1/4	12,146	1/4		1/4		1/4		1/4	
1/2	672	1/2	2,977	1/2	5,281	1/2	7,586	1/2	9,890	1/2	12,194	1/2		1/2		1/2		1/2	
3/4	720	3/4	3,025	3/4	5,329	3/4	7,634	3/4	9,938	3/4	12,242	3/4		3/4		3/4		3/4	
4	768	4	3,073	4	5,377	4	7,682	4	9,986	4	12,290	4		4		4		4	
1/4	816	1/4	3,121	1/4	5,425	1/4	7,730	1/4	10,034	1/4	12,338	1/4		1/4		1/4		1/4	
1/2	864	1/2	3,169	1/2	5,473	1/2	7,778	1/2	10,082	1/2	12,387	1/2		1/2		1/2		1/2	
3/4	912	3/4	3,217	3/4	5,521	3/4	7,826	3/4	10,130	3/4	12,435	3/4		3/4		3/4		3/4	
5	960	5	3,265	5	5,569	5	7,874	5	10,178	5	12,483	5		5		5		5	
1/4	1,008	1/4	3,313	1/4	5,617	1/4	7,922	1/4	10,226	1/4	12,531	1/4		1/4		1/4		1/4	
1/2	1,056	1/2	3,361	1/2	5,665	1/2	7,970	1/2	10,274	1/2	12,579	1/2		1/2		1/2		1/2	
3/4	1,104	3/4	3,409	3/4	5,713	3/4	8,018	3/4	10,322	3/4	12,627	3/4		3/4		3/4		3/4	
6	1,152	6	3,457	6	5,761	6	8,066	6	10,370	6	12,675	6		6		6		6	
1/4	1,200	1/4	3,505	1/4	5,809	1/4	8,114	1/4	10,418	1/4	12,723	1/4		1/4		1/4		1/4	
1/2	1,248	1/2	3,553	1/2	5,857	1/2	8,162	1/2	10,466	1/2	12,771	1/2		1/2		1/2		1/2	
3/4	1,296	3/4	3,601	3/4	5,905	3/4	8,210	3/4	10,514	3/4	12,819	3/4		3/4		3/4		3/4	
7	1,344	7	3,649	7	5,953	7	8,258	7	10,562	7	12,867	7		7		7		7	
1/4	1,392	1/4	3,697	1/4	6,001	1/4	8,306	1/4	10,610	1/4	12,915	1/4		1/4		1/4		1/4	
1/2	1,440	1/2	3,745	1/2	6,049	1/2	8,354	1/2	10,658	1/2	12,963	1/2		1/2		1/2		1/2	
3/4	1,488	3/4	3,793	3/4	6,097	3/4	8,402	3/4	10,706	3/4	13,011	3/4		3/4		3/4		3/4	
8	1,536	8	3,841	8	6,145	8	8,450	8	10,754	8	13,059	8		8		8		8	
1/4	1,584	1/4	3,889	1/4	6,193	1/4	8,498	1/4	10,802	1/4	13,107	1/4		1/4		1/4		1/4	
1/2	1,632	1/2	3,937	1/2	6,241	1/2	8,546	1/2	10,850	1/2	13,155	1/2		1/2		1/2		1/2	
3/4	1,680	3/4	3,985	3/4	6,289	3/4	8,594	3/4	10,898	3/4	13,203	3/4		3/4		3/4		3/4	
9	1,728	9	4,033	9	6,337	9	8,642	9	10,946	9	13,251	9		9		9		9	
1/4	1,776	1/4	4,081	1/4	6,385	1/4	8,690	1/4	10,994	1/4	13,299	1/4		1/4		1/4		1/4	
1/2	1,824	1/2	4,129	1/2	6,433	1/2	8,738	1/2	11,042	1/2	13,347	1/2		1/2		1/2		1/2	
3/4	1,872	3/4	4,177	3/4	6,481	3/4	8,786	3/4	11,090	3/4	13,395	3/4		3/4		3/4		3/4	
10	1,920	10	4,225	10	6,529	10	8,834	10	11,138	10	13,443	10		10		10		10	
1/4	1,968	1/4	4,273	1/4	6,577	1/4	8,882	1/4	11,186	1/4	13,491	1/4		1/4		1/4		1/4	
1/2	2,016	1/2	4,321	1/2	6,625	1/2	8,930	1/2	11,234	1/2	13,539	1/2		1/2		1/2		1/2	
3/4	2,064	3/4	4,369	3/4	6,673	3/4	8,978	3/4	11,282	3/4	13,587	3/4		3/4		3/4		3/4	
11	2,112	11	4,417	11	6,721	11	9,026	11	11,330	11	13,635	11		11		11		11	
1/4	2,160	1/4	4,465	1/4	6,769	1/4	9,074	1/4	11,378	1/4	13,683	1/4		1/4		1/4		1/4	
1/2	2,208	1/2	4,513	1/2	6,817	1/2	9,122	1/2	11,426	1/2	13,731	1/2		1/2		1/2		1/2	
3/4	2,256	3/4	4,561	3/4	6,865	3/4	9,170	3/4	11,474	3/4	13,779	3/4		3/4		3/4		3/4	

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

STRAPPED: 10/08/2021 JS  
 COMPUTED: 10/08/2021 CL  
 PRINTED: 10/08/2021 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 10/2021

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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