



# BARGE "KIRBY 27763"

## INNAGE TRIM TABLE 2" STANDPIPE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-5/8	02-5/8
1 STBD	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-5/8	02-5/8
2 PORT	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-3/8	01-3/8	- 01-7/8	01-7/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4
2 STBD	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-3/8	01-3/8	- 01-7/8	01-7/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4
3 PORT	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-5/8	02-5/8
3 STBD	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-5/8	02-5/8

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

LENGTH BETWEEN DRAFT MARKS: 241'-06"

July 29, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27763"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	3.59	0	298.03	0	649.72	0	1,014.76	0	1,379.65	0	1,745.78	0	2,112.17	0	2,478.56	0	2,844.95	0	3,211.34
1/4	7.15	1/4	305.14	1/4	657.35	1/4	1,022.33	1/4	1,387.26	1/4	1,753.41	1/4	2,119.81	1/4	2,486.20	1/4	2,852.58	1/4	3,218.97
1/2	10.71	1/2	312.26	1/2	664.98	1/2	1,029.91	1/2	1,394.86	1/2	1,761.05	1/2	2,127.44	1/2	2,493.83	1/2	2,860.22	1/2	3,226.61
3/4	14.27	3/4	319.38	3/4	672.62	3/4	1,037.49	3/4	1,402.47	3/4	1,768.68	3/4	2,135.07	3/4	2,501.46	3/4	2,867.85	3/4	3,234.24
1	17.83	1	326.50	1	680.25	1	1,045.06	1	1,410.08	1	1,776.31	1	2,142.71	1	2,509.09	1	2,875.48	1	3,241.87
1/4	23.33	1/4	333.68	1/4	687.88	1/4	1,052.64	1/4	1,417.68	1/4	1,783.95	1/4	2,150.34	1/4	2,516.73	1/4	2,883.12	1/4	3,249.51
1/2	28.84	1/2	340.87	1/2	695.52	1/2	1,060.21	1/2	1,425.29	1/2	1,791.58	1/2	2,157.97	1/2	2,524.36	1/2	2,890.75	1/2	3,257.14
3/4	34.34	3/4	348.06	3/4	703.15	3/4	1,067.79	3/4	1,432.89	3/4	1,799.21	3/4	2,165.61	3/4	2,531.99	3/4	2,898.38	3/4	3,264.77
2	39.85	2	355.24	2	710.79	2	1,075.36	2	1,440.50	2	1,806.85	2	2,173.24	2	2,539.63	2	2,906.02	2	3,272.40
1/4	45.82	1/4	362.51	1/4	718.42	1/4	1,082.94	1/4	1,448.12	1/4	1,814.48	1/4	2,180.87	1/4	2,547.26	1/4	2,913.65	1/4	3,280.04
1/2	51.80	1/2	369.77	1/2	726.05	1/2	1,090.52	1/2	1,455.74	1/2	1,822.11	1/2	2,188.50	1/2	2,554.89	1/2	2,921.28	1/2	3,287.67
3/4	57.78	3/4	377.04	3/4	733.69	3/4	1,098.09	3/4	1,463.36	3/4	1,829.75	3/4	2,196.14	3/4	2,562.53	3/4	2,928.92	3/4	3,295.30
3	63.75	3	384.30	3	741.32	3	1,105.67	3	1,470.98	3	1,837.38	3	2,203.77	3	2,570.16	3	2,936.55	3	3,302.94
1/4	69.40	1/4	391.66	1/4	748.95	1/4	1,113.25	1/4	1,478.61	1/4	1,845.01	1/4	2,211.40	1/4	2,577.79	1/4	2,944.18	1/4	3,310.57
1/2	75.05	1/2	399.02	1/2	756.59	1/2	1,120.82	1/2	1,486.24	1/2	1,852.65	1/2	2,219.04	1/2	2,585.43	1/2	2,951.81	1/2	3,318.20
3/4	80.69	3/4	406.37	3/4	764.22	3/4	1,128.40	3/4	1,493.88	3/4	1,860.28	3/4	2,226.67	3/4	2,593.06	3/4	2,959.45	3/4	3,325.84
4	86.34	4	413.73	4	771.86	4	1,135.98	4	1,501.51	4	1,867.91	4	2,234.30	4	2,600.69	4	2,967.08	4	3,333.47
1/4	92.08	1/4	420.96	1/4	779.49	1/4	1,143.57	1/4	1,509.14	1/4	1,875.55	1/4	2,241.94	1/4	2,608.33	1/4	2,974.71	1/4	3,341.10
1/2	97.83	1/2	428.20	1/2	787.12	1/2	1,151.16	1/2	1,516.78	1/2	1,883.18	1/2	2,249.57	1/2	2,615.96	1/2	2,982.35	1/2	3,348.74
3/4	103.57	3/4	435.43	3/4	794.76	3/4	1,158.75	3/4	1,524.41	3/4	1,890.81	3/4	2,257.20	3/4	2,623.59	3/4	2,989.98	3/4	3,356.37
5	109.32	5	442.66	5	802.39	5	1,166.35	5	1,532.04	5	1,898.45	5	2,264.84	5	2,631.22	5	2,997.61	5	3,364.00
1/4	115.59	1/4	449.54	1/4	810.01	1/4	1,173.97	1/4	1,539.68	1/4	1,906.08	1/4	2,272.47	1/4	2,638.86	1/4	3,005.25	1/4	3,371.64
1/2	121.87	1/2	456.42	1/2	817.63	1/2	1,181.58	1/2	1,547.31	1/2	1,913.71	1/2	2,280.10	1/2	2,646.49	1/2	3,012.88	1/2	3,379.27
3/4	128.14	3/4	463.29	3/4	825.25	3/4	1,189.20	3/4	1,554.94	3/4	1,921.35	3/4	2,287.73	3/4	2,654.12	3/4	3,020.51	3/4	3,386.90
6	134.42	6	470.17	6	832.87	6	1,196.82	6	1,562.58	6	1,928.98	6	2,295.37	6	2,661.76	6	3,028.15	6	3,394.53
1/4	141.00	1/4	477.11	1/4	840.46	1/4	1,204.46	1/4	1,570.21	1/4	1,936.61	1/4	2,303.00	1/4	2,669.39	1/4	3,035.78	1/4	3,402.17
1/2	147.58	1/2	484.05	1/2	848.05	1/2	1,212.09	1/2	1,577.84	1/2	1,944.25	1/2	2,310.63	1/2	2,677.02	1/2	3,043.41	1/2	3,409.80
3/4	154.17	3/4	490.99	3/4	855.64	3/4	1,219.73	3/4	1,585.48	3/4	1,951.88	3/4	2,318.27	3/4	2,684.66	3/4	3,051.04	3/4	3,417.43
7	160.75	7	497.93	7	863.23	7	1,227.36	7	1,593.11	7	1,959.51	7	2,325.90	7	2,692.29	7	3,058.68	7	3,425.07
1/4	167.43	1/4	505.34	1/4	870.81	1/4	1,234.99	1/4	1,600.74	1/4	1,967.15	1/4	2,333.53	1/4	2,699.92	1/4	3,066.31	1/4	3,432.70
1/2	174.11	1/2	512.75	1/2	878.39	1/2	1,242.63	1/2	1,608.38	1/2	1,974.78	1/2	2,341.17	1/2	2,707.56	1/2	3,073.94	1/2	3,440.33
3/4	180.79	3/4	520.16	3/4	885.97	3/4	1,250.26	3/4	1,616.01	3/4	1,982.41	3/4	2,348.80	3/4	2,715.19	3/4	3,081.58	3/4	3,447.97
8	187.46	8	527.57	8	893.55	8	1,257.90	8	1,623.64	8	1,990.04	8	2,356.43	8	2,722.82	8	3,089.21	8	3,455.60
1/4	194.24	1/4	535.21	1/4	901.12	1/4	1,265.52	1/4	1,631.28	1/4	1,997.68	1/4	2,364.07	1/4	2,730.45	1/4	3,096.84	1/4	3,463.23
1/2	201.02	1/2	542.84	1/2	908.70	1/2	1,273.14	1/2	1,638.91	1/2	2,005.31	1/2	2,371.70	1/2	2,738.09	1/2	3,104.48	1/2	3,470.87
3/4	207.80	3/4	550.48	3/4	916.27	3/4	1,280.76	3/4	1,646.54	3/4	2,012.94	3/4	2,379.33	3/4	2,745.72	3/4	3,112.11	3/4	3,478.50
9	214.57	9	558.11	9	923.85	9	1,288.38	9	1,654.18	9	2,020.58	9	2,386.97	9	2,753.35	9	3,119.74	9	3,486.13
1/4	221.44	1/4	565.74	1/4	931.42	1/4	1,295.98	1/4	1,661.81	1/4	2,028.21	1/4	2,394.60	1/4	2,760.99	1/4	3,127.38	1/4	3,493.76
1/2	228.31	1/2	573.38	1/2	939.00	1/2	1,303.59	1/2	1,669.44	1/2	2,035.84	1/2	2,402.23	1/2	2,768.62	1/2	3,135.01	1/2	3,501.40
3/4	235.18	3/4	581.01	3/4	946.58	3/4	1,311.20	3/4	1,677.08	3/4	2,043.48	3/4	2,409.86	3/4	2,776.25	3/4	3,142.64	3/4	3,509.03
10	242.05	10	588.65	10	954.15	10	1,318.80	10	1,684.71	10	2,051.11	10	2,417.50	10	2,783.89	10	3,150.28	10	3,516.66
1/4	249.01	1/4	596.28	1/4	961.73	1/4	1,326.41	1/4	1,692.35	1/4	2,058.74	1/4	2,425.13	1/4	2,791.52	1/4	3,157.91	1/4	3,524.30
1/2	255.96	1/2	603.91	1/2	969.30	1/2	1,334.02	1/2	1,699.98	1/2	2,066.38	1/2	2,432.76	1/2	2,799.15	1/2	3,165.54	1/2	3,531.93
3/4	262.92	3/4	611.55	3/4	976.88	3/4	1,341.62	3/4	1,707.61	3/4	2,074.01	3/4	2,440.40	3/4	2,806.79	3/4	3,173.17	3/4	3,539.56
11	269.87	11	619.18	11	984.46	11	1,349.23	11	1,715.25	11	2,081.64	11	2,448.03	11	2,814.42	11	3,180.81	11	3,547.20
1/4	276.91	1/4	626.82	1/4	992.03	1/4	1,356.83	1/4	1,722.88	1/4	2,089.27	1/4	2,455.66	1/4	2,822.05	1/4	3,188.44	1/4	3,554.83
1/2	283.95	1/2	634.45	1/2	999.61	1/2	1,364.44	1/2	1,730.51	1/2	2,096.91	1/2	2,463.30	1/2	2,829.69	1/2	3,196.07	1/2	3,562.46
3/4	290.99	3/4	642.08	3/4	1,007.18	3/4	1,372.05	3/4	1,738.15	3/4	2,104.54	3/4	2,470.93	3/4	2,837.32	3/4	3,203.71	3/4	3,570.10

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



# BARGE "KIRBY 27763"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,577.73	0	3,942.96	0	4,291.85	0	4,615.64	0		0		0		0		0		0	
1/4	3,585.36	1/4	3,950.43	1/4	4,298.81	1/4	4,622.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,593.00	1/2	3,957.90	1/2	4,305.78	1/2	4,628.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,600.63	3/4	3,965.37	3/4	4,312.75	3/4	4,635.16	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,608.26	1	3,972.84	1	4,319.71	1	4,641.67	1		1		1		1		1		1	
1/4	3,615.89	1/4	3,980.27	1/4	4,326.62	1/4	4,648.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,623.53	1/2	3,987.71	1/2	4,333.53	1/2	4,654.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,631.16	3/4	3,995.14	3/4	4,340.44	3/4	4,661.08	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,638.79	2	4,002.57	2	4,347.35	2	4,667.55	2		2		2		2		2		2	
1/4	3,646.43	1/4	4,009.97	1/4	4,354.22	1/4	4,674.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,654.06	1/2	4,017.36	1/2	4,361.09	1/2	4,680.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,661.69	3/4	4,024.76	3/4	4,367.96	3/4	4,687.71	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,669.33	3	4,032.15	3	4,374.83	3	4,694.43	3		3		3		3		3		3	
1/4	3,676.96	1/4	4,039.51	1/4	4,381.66	1/4	4,701.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.59	1/2	4,046.87	1/2	4,388.50	1/2	4,708.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,692.23	3/4	4,054.23	3/4	4,395.33	3/4	4,716.24	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,699.86	4	4,061.59	4	4,402.17	4	4,723.51	4		4		4		4		4		4	
1/4	3,707.49	1/4	4,068.92	1/4	4,408.96	1/4	4,731.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.12	1/2	4,076.24	1/2	4,415.76	1/2	4,738.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.76	3/4	4,083.57	3/4	4,422.55	3/4	4,746.15	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,730.39	5	4,090.90	5	4,429.35	5	4,753.70	5		5		5		5		5		5	
1/4	3,738.02	1/4	4,098.19	1/4	4,436.11	1/4	4,761.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.66	1/2	4,105.48	1/2	4,442.87	1/2	4,768.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.29	3/4	4,112.77	3/4	4,449.63	3/4	4,776.11	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,760.92	6	4,120.06	6	4,456.39	6	4,783.58	6		6		6		6		6		6	
1/4	3,768.56	1/4	4,127.32	1/4	4,463.11	1/4	4,790.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.19	1/2	4,134.57	1/2	4,469.83	1/2	4,797.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,783.82	3/4	4,141.83	3/4	4,476.56	3/4	4,804.08	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,791.46	7	4,149.08	7	4,483.28	7	4,810.92	7		7		7		7		7		7	
1/4	3,799.09	1/4	4,156.30	1/4	4,489.97	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,806.72	1/2	4,163.52	1/2	4,496.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,814.35	3/4	4,170.73	3/4	4,503.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,821.98	8	4,177.95	8	4,510.05	8		8		8		8		8		8		8	
1/4	3,829.59	1/4	4,185.13	1/4	4,516.70	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.21	1/2	4,192.31	1/2	4,523.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,844.82	3/4	4,199.49	3/4	4,530.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,852.43	9	4,206.67	9	4,536.67	9		9		9		9		9		9		9	
1/4	3,860.01	1/4	4,213.81	1/4	4,543.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.60	1/2	4,220.95	1/2	4,549.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.18	3/4	4,228.10	3/4	4,556.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,882.76	10	4,235.24	10	4,563.14	10		10		10		10		10		10		10	
1/4	3,890.30	1/4	4,242.34	1/4	4,569.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.85	1/2	4,249.45	1/2	4,576.31	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.39	3/4	4,256.55	3/4	4,582.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,912.94	11	4,263.66	11	4,589.47	11		11		11		11		11		11		11	
1/4	3,920.44	1/4	4,270.71	1/4	4,596.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,927.95	1/2	4,277.75	1/2	4,602.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,935.46	3/4	4,284.80	3/4	4,609.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2009 CL - SW  
RECALCULATED: 07/29/2019  
REPRINTED: 07/29/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019

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



# BARGE "KIRBY 27763"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	3.59	0	297.89	0	649.41	0	1,015.03	0	1,380.39	0	1,746.34	0	2,112.56	0	2,478.77	0	2,844.99	0	3,211.20
1/4	7.14	1/4	305.00	1/4	657.04	1/4	1,022.63	1/4	1,387.99	1/4	1,753.97	1/4	2,120.19	1/4	2,486.40	1/4	2,852.61	1/4	3,218.83
1/2	10.70	1/2	312.11	1/2	664.67	1/2	1,030.23	1/2	1,395.60	1/2	1,761.60	1/2	2,127.82	1/2	2,494.03	1/2	2,860.24	1/2	3,226.46
3/4	14.26	3/4	319.23	3/4	672.30	3/4	1,037.83	3/4	1,403.20	3/4	1,769.23	3/4	2,135.45	3/4	2,501.66	3/4	2,867.87	3/4	3,234.08
1	17.82	1	326.34	1	679.93	1	1,045.44	1	1,410.80	1	1,776.86	1	2,143.08	1	2,509.29	1	2,875.50	1	3,241.71
1/4	23.32	1/4	333.52	1/4	687.56	1/4	1,053.04	1/4	1,418.40	1/4	1,784.49	1/4	2,150.71	1/4	2,516.92	1/4	2,883.13	1/4	3,249.34
1/2	28.82	1/2	340.71	1/2	695.19	1/2	1,060.64	1/2	1,426.00	1/2	1,792.12	1/2	2,158.34	1/2	2,524.55	1/2	2,890.76	1/2	3,256.97
3/4	34.32	3/4	347.89	3/4	702.82	3/4	1,068.24	3/4	1,433.61	3/4	1,799.75	3/4	2,165.97	3/4	2,532.18	3/4	2,898.39	3/4	3,264.60
2	39.83	2	355.08	2	710.45	2	1,075.84	2	1,441.21	2	1,807.38	2	2,173.60	2	2,539.81	2	2,906.02	2	3,272.23
1/4	45.80	1/4	362.34	1/4	718.08	1/4	1,083.44	1/4	1,448.82	1/4	1,815.01	1/4	2,181.23	1/4	2,547.44	1/4	2,913.65	1/4	3,279.86
1/2	51.77	1/2	369.60	1/2	725.71	1/2	1,091.04	1/2	1,456.44	1/2	1,822.64	1/2	2,188.86	1/2	2,555.07	1/2	2,921.28	1/2	3,287.49
3/4	57.75	3/4	376.86	3/4	733.34	3/4	1,098.64	3/4	1,464.06	3/4	1,830.27	3/4	2,196.49	3/4	2,562.70	3/4	2,928.91	3/4	3,295.12
3	63.72	3	384.12	3	740.97	3	1,106.25	3	1,471.67	3	1,837.90	3	2,204.12	3	2,570.33	3	2,936.54	3	3,302.75
1/4	69.37	1/4	391.47	1/4	748.60	1/4	1,113.85	1/4	1,479.30	1/4	1,845.53	1/4	2,211.75	1/4	2,577.96	1/4	2,944.17	1/4	3,310.38
1/2	75.01	1/2	398.83	1/2	756.23	1/2	1,121.45	1/2	1,486.93	1/2	1,853.16	1/2	2,219.37	1/2	2,585.59	1/2	2,951.80	1/2	3,318.01
3/4	80.65	3/4	406.18	3/4	763.86	3/4	1,129.05	3/4	1,494.56	3/4	1,860.79	3/4	2,227.00	3/4	2,593.22	3/4	2,959.43	3/4	3,325.64
4	86.30	4	413.53	4	771.49	4	1,136.66	4	1,502.19	4	1,868.42	4	2,234.63	4	2,600.84	4	2,967.06	4	3,333.27
1/4	92.04	1/4	420.76	1/4	779.12	1/4	1,144.27	1/4	1,509.82	1/4	1,876.05	1/4	2,242.26	1/4	2,608.47	1/4	2,974.69	1/4	3,340.90
1/2	97.78	1/2	427.99	1/2	786.75	1/2	1,151.89	1/2	1,517.45	1/2	1,883.68	1/2	2,249.89	1/2	2,616.10	1/2	2,982.31	1/2	3,348.53
3/4	103.52	3/4	435.22	3/4	794.38	3/4	1,159.51	3/4	1,525.08	3/4	1,891.31	3/4	2,257.52	3/4	2,623.73	3/4	2,989.94	3/4	3,356.16
5	109.26	5	442.45	5	802.01	5	1,167.13	5	1,532.71	5	1,898.94	5	2,265.15	5	2,631.36	5	2,997.57	5	3,363.78
1/4	115.54	1/4	449.33	1/4	809.64	1/4	1,174.76	1/4	1,540.34	1/4	1,906.56	1/4	2,272.78	1/4	2,638.99	1/4	3,005.20	1/4	3,371.41
1/2	121.81	1/2	456.20	1/2	817.27	1/2	1,182.39	1/2	1,547.97	1/2	1,914.19	1/2	2,280.41	1/2	2,646.62	1/2	3,012.83	1/2	3,379.04
3/4	128.08	3/4	463.07	3/4	824.90	3/4	1,190.02	3/4	1,555.60	3/4	1,921.82	3/4	2,288.04	3/4	2,654.25	3/4	3,020.46	3/4	3,386.67
6	134.35	6	469.95	6	832.53	6	1,197.65	6	1,563.23	6	1,929.45	6	2,295.67	6	2,661.88	6	3,028.09	6	3,394.30
1/4	140.93	1/4	476.88	1/4	840.15	1/4	1,205.28	1/4	1,570.86	1/4	1,937.08	1/4	2,303.30	1/4	2,669.51	1/4	3,035.72	1/4	3,401.93
1/2	147.51	1/2	483.82	1/2	847.76	1/2	1,212.91	1/2	1,578.49	1/2	1,944.71	1/2	2,310.93	1/2	2,677.14	1/2	3,043.35	1/2	3,409.56
3/4	154.09	3/4	490.76	3/4	855.38	3/4	1,220.54	3/4	1,586.12	3/4	1,952.34	3/4	2,318.56	3/4	2,684.77	3/4	3,050.98	3/4	3,417.19
7	160.67	7	497.70	7	863.00	7	1,228.17	7	1,593.75	7	1,959.97	7	2,326.19	7	2,692.40	7	3,058.61	7	3,424.82
1/4	167.35	1/4	505.10	1/4	870.60	1/4	1,235.80	1/4	1,601.38	1/4	1,967.60	1/4	2,333.82	1/4	2,700.03	1/4	3,066.24	1/4	3,432.45
1/2	174.02	1/2	512.51	1/2	878.21	1/2	1,243.43	1/2	1,609.01	1/2	1,975.23	1/2	2,341.45	1/2	2,707.66	1/2	3,073.87	1/2	3,440.08
3/4	180.70	3/4	519.92	3/4	885.81	3/4	1,251.06	3/4	1,616.64	3/4	1,982.86	3/4	2,349.07	3/4	2,715.29	3/4	3,081.50	3/4	3,447.71
8	187.37	8	527.32	8	893.41	8	1,258.69	8	1,624.27	8	1,990.49	8	2,356.70	8	2,722.92	8	3,089.13	8	3,455.34
1/4	194.15	1/4	534.95	1/4	901.01	1/4	1,266.31	1/4	1,631.90	1/4	1,998.12	1/4	2,364.33	1/4	2,730.54	1/4	3,096.76	1/4	3,462.97
1/2	200.92	1/2	542.58	1/2	908.61	1/2	1,273.92	1/2	1,639.53	1/2	2,005.75	1/2	2,371.96	1/2	2,738.17	1/2	3,104.39	1/2	3,470.60
3/4	207.70	3/4	550.21	3/4	916.22	3/4	1,281.54	3/4	1,647.16	3/4	2,013.38	3/4	2,379.59	3/4	2,745.80	3/4	3,112.01	3/4	3,478.23
9	214.47	9	557.84	9	923.82	9	1,289.16	9	1,654.78	9	2,021.01	9	2,387.22	9	2,753.43	9	3,119.64	9	3,485.86
1/4	221.34	1/4	565.48	1/4	931.42	1/4	1,296.76	1/4	1,662.41	1/4	2,028.64	1/4	2,394.85	1/4	2,761.06	1/4	3,127.27	1/4	3,493.48
1/2	228.20	1/2	573.11	1/2	939.02	1/2	1,304.36	1/2	1,670.04	1/2	2,036.27	1/2	2,402.48	1/2	2,768.69	1/2	3,134.90	1/2	3,501.11
3/4	235.07	3/4	580.74	3/4	946.62	3/4	1,311.97	3/4	1,677.67	3/4	2,043.90	3/4	2,410.11	3/4	2,776.32	3/4	3,142.53	3/4	3,508.74
10	241.94	10	588.37	10	954.22	10	1,319.57	10	1,685.30	10	2,051.53	10	2,417.74	10	2,783.95	10	3,150.16	10	3,516.37
1/4	248.89	1/4	596.00	1/4	961.82	1/4	1,327.17	1/4	1,692.93	1/4	2,059.16	1/4	2,425.37	1/4	2,791.58	1/4	3,157.79	1/4	3,524.00
1/2	255.84	1/2	603.63	1/2	969.42	1/2	1,334.78	1/2	1,700.56	1/2	2,066.79	1/2	2,433.00	1/2	2,799.21	1/2	3,165.42	1/2	3,531.63
3/4	262.79	3/4	611.26	3/4	977.03	3/4	1,342.38	3/4	1,708.19	3/4	2,074.42	3/4	2,440.63	3/4	2,806.84	3/4	3,173.05	3/4	3,539.26
11	269.74	11	618.89	11	984.63	11	1,349.98	11	1,715.82	11	2,082.05	11	2,448.26	11	2,814.47	11	3,180.68	11	3,546.89
1/4	276.78	1/4	626.52	1/4	992.23	1/4	1,357.58	1/4	1,723.45	1/4	2,089.67	1/4	2,455.89	1/4	2,822.10	1/4	3,188.31	1/4	3,554.52
1/2	283.81	1/2	634.15	1/2	999.83	1/2	1,365.19	1/2	1,731.08	1/2	2,097.30	1/2	2,463.52	1/2	2,829.73	1/2	3,195.94	1/2	3,562.15
3/4	290.85	3/4	641.78	3/4	1,007.43	3/4	1,372.79	3/4	1,738.71	3/4	2,104.93	3/4	2,471.14	3/4	2,837.36	3/4	3,203.57	3/4	3,569.78

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" STANDPIPE  
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 52'-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 27763"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,577.41	0	3,942.49	0	4,291.20	0	4,614.85	0		0		0		0		0		0	
1/4	3,585.04	1/4	3,949.95	1/4	4,298.17	1/4	4,621.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,592.67	1/2	3,957.42	1/2	4,305.13	1/2	4,627.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,600.30	3/4	3,964.88	3/4	4,312.09	3/4	4,634.36	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,607.93	1	3,972.35	1	4,319.06	1	4,640.86	1		1		1		1		1		1	
1/4	3,615.55	1/4	3,979.78	1/4	4,325.96	1/4	4,647.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,623.18	1/2	3,987.21	1/2	4,332.87	1/2	4,653.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,630.81	3/4	3,994.64	3/4	4,339.77	3/4	4,660.26	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,638.44	2	4,002.06	2	4,346.68	2	4,666.73	2		2		2		2		2		2	
1/4	3,646.07	1/4	4,009.46	1/4	4,353.54	1/4	4,673.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,653.70	1/2	4,016.85	1/2	4,360.41	1/2	4,680.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,661.33	3/4	4,024.24	3/4	4,367.28	3/4	4,686.88	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,668.96	3	4,031.63	3	4,374.15	3	4,693.59	3		3		3		3		3		3	
1/4	3,676.59	1/4	4,038.99	1/4	4,380.98	1/4	4,700.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.22	1/2	4,046.34	1/2	4,387.81	1/2	4,708.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,691.85	3/4	4,053.70	3/4	4,394.64	3/4	4,715.39	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,699.48	4	4,061.05	4	4,401.47	4	4,722.66	4		4		4		4		4		4	
1/4	3,707.11	1/4	4,068.38	1/4	4,408.26	1/4	4,730.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,714.74	1/2	4,075.70	1/2	4,415.06	1/2	4,737.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.37	3/4	4,083.02	3/4	4,421.85	3/4	4,745.29	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,730.00	5	4,090.35	5	4,428.64	5	4,752.84	5		5		5		5		5		5	
1/4	3,737.63	1/4	4,097.64	1/4	4,435.40	1/4	4,760.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.25	1/2	4,104.92	1/2	4,442.15	1/2	4,767.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.88	3/4	4,112.21	3/4	4,448.91	3/4	4,775.24	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,760.51	6	4,119.50	6	4,455.66	6	4,782.70	6		6		6		6		6		6	
1/4	3,768.14	1/4	4,126.75	1/4	4,462.38	1/4	4,789.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.77	1/2	4,134.00	1/2	4,469.11	1/2	4,796.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,783.40	3/4	4,141.26	3/4	4,475.83	3/4	4,803.19	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,791.03	7	4,148.51	7	4,482.55	7	4,810.03	7		7		7		7		7		7	
1/4	3,798.66	1/4	4,155.72	1/4	4,489.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,806.29	1/2	4,162.93	1/2	4,495.92	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,813.93	3/4	4,170.15	3/4	4,502.61	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,821.56	8	4,177.36	8	4,509.30	8		8		8		8		8		8		8	
1/4	3,829.17	1/4	4,184.54	1/4	4,515.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.78	1/2	4,191.71	1/2	4,522.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,844.39	3/4	4,198.89	3/4	4,529.26	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,852.00	9	4,206.07	9	4,535.91	9		9		9		9		9		9		9	
1/4	3,859.57	1/4	4,213.21	1/4	4,542.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.15	1/2	4,220.34	1/2	4,549.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,874.73	3/4	4,227.48	3/4	4,555.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,882.31	10	4,234.62	10	4,562.37	10		10		10		10		10		10		10	
1/4	3,889.85	1/4	4,241.72	1/4	4,568.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.39	1/2	4,248.83	1/2	4,575.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,904.93	3/4	4,255.93	3/4	4,582.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,912.47	11	4,263.03	11	4,588.68	11		11		11		11		11		11		11	
1/4	3,919.98	1/4	4,270.07	1/4	4,595.22	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,927.48	1/2	4,277.12	1/2	4,601.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,934.98	3/4	4,284.16	3/4	4,608.31	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2009 CL - SW  
RECALCULATED: 07/29/2019  
REPRINTED: 07/29/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019

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



# BARGE "KIRBY 27763"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.24	0	355.93	0	712.10	0	1,066.12	0	1,421.06	0	1,782.45	0	2,146.11	0	2,509.76	0	2,873.42	0	3,237.07
1/4	18.29	1/4	363.50	1/4	719.67	1/4	1,073.37	1/4	1,428.47	1/4	1,790.03	1/4	2,153.69	1/4	2,517.34	1/4	2,880.99	1/4	3,244.64
1/2	23.34	1/2	371.07	1/2	727.25	1/2	1,080.61	1/2	1,435.88	1/2	1,797.61	1/2	2,161.26	1/2	2,524.91	1/2	2,888.57	1/2	3,252.22
3/4	28.39	3/4	378.64	3/4	734.83	3/4	1,087.86	3/4	1,443.30	3/4	1,805.18	3/4	2,168.84	3/4	2,532.49	3/4	2,896.14	3/4	3,259.80
1	33.44	1	386.21	1	742.40	1	1,095.11	1	1,450.71	1	1,812.76	1	2,176.41	1	2,540.07	1	2,903.72	1	3,267.37
1/4	40.33	1/4	393.76	1/4	749.98	1/4	1,102.35	1/4	1,458.13	1/4	1,820.33	1/4	2,183.99	1/4	2,547.64	1/4	2,911.30	1/4	3,274.95
1/2	47.22	1/2	401.31	1/2	757.56	1/2	1,109.60	1/2	1,465.54	1/2	1,827.91	1/2	2,191.57	1/2	2,555.22	1/2	2,918.87	1/2	3,282.52
3/4	54.12	3/4	408.87	3/4	765.13	3/4	1,116.85	3/4	1,472.96	3/4	1,835.49	3/4	2,199.14	3/4	2,562.80	3/4	2,926.45	3/4	3,290.10
2	61.01	2	416.42	2	772.71	2	1,124.09	2	1,480.37	2	1,843.06	2	2,206.72	2	2,570.37	2	2,934.02	2	3,297.68
1/4	68.29	1/4	423.97	1/4	780.29	1/4	1,131.34	1/4	1,487.78	1/4	1,850.64	1/4	2,214.29	1/4	2,577.95	1/4	2,941.60	1/4	3,305.25
1/2	75.57	1/2	431.52	1/2	787.86	1/2	1,138.59	1/2	1,495.20	1/2	1,858.22	1/2	2,221.87	1/2	2,585.52	1/2	2,949.18	1/2	3,312.83
3/4	82.84	3/4	439.06	3/4	795.44	3/4	1,145.83	3/4	1,502.61	3/4	1,865.79	3/4	2,229.45	3/4	2,593.10	3/4	2,956.75	3/4	3,320.41
3	90.12	3	446.61	3	803.02	3	1,153.08	3	1,510.03	3	1,873.37	3	2,237.02	3	2,600.68	3	2,964.33	3	3,327.98
1/4	96.98	1/4	454.17	1/4	810.59	1/4	1,160.33	1/4	1,517.52	1/4	1,880.95	1/4	2,244.60	1/4	2,608.25	1/4	2,971.90	1/4	3,335.56
1/2	103.85	1/2	461.72	1/2	818.17	1/2	1,167.58	1/2	1,525.02	1/2	1,888.52	1/2	2,252.18	1/2	2,615.83	1/2	2,979.48	1/2	3,343.13
3/4	110.71	3/4	469.27	3/4	825.75	3/4	1,174.82	3/4	1,532.51	3/4	1,896.10	3/4	2,259.75	3/4	2,623.40	3/4	2,987.06	3/4	3,350.71
4	117.57	4	476.83	4	833.32	4	1,182.07	4	1,540.01	4	1,903.67	4	2,267.33	4	2,630.98	4	2,994.63	4	3,358.29
1/4	124.45	1/4	484.17	1/4	840.75	1/4	1,189.33	1/4	1,547.58	1/4	1,911.25	1/4	2,274.90	1/4	2,638.56	1/4	3,002.21	1/4	3,365.86
1/2	131.32	1/2	491.52	1/2	848.18	1/2	1,196.60	1/2	1,555.16	1/2	1,918.83	1/2	2,282.48	1/2	2,646.13	1/2	3,009.79	1/2	3,373.44
3/4	138.20	3/4	498.87	3/4	855.60	3/4	1,203.86	3/4	1,562.74	3/4	1,926.40	3/4	2,290.06	3/4	2,653.71	3/4	3,017.36	3/4	3,381.01
5	145.07	5	506.21	5	863.03	5	1,211.12	5	1,570.31	5	1,933.98	5	2,297.63	5	2,661.28	5	3,024.94	5	3,388.59
1/4	152.39	1/4	513.12	1/4	870.30	1/4	1,218.55	1/4	1,577.89	1/4	1,941.56	1/4	2,305.21	1/4	2,668.86	1/4	3,032.51	1/4	3,396.17
1/2	159.71	1/2	520.02	1/2	877.58	1/2	1,225.98	1/2	1,585.47	1/2	1,949.13	1/2	2,312.78	1/2	2,676.44	1/2	3,040.09	1/2	3,403.74
3/4	167.03	3/4	526.93	3/4	884.85	3/4	1,233.40	3/4	1,593.04	3/4	1,956.71	3/4	2,320.36	3/4	2,684.01	3/4	3,047.67	3/4	3,411.32
6	174.35	6	533.83	6	892.13	6	1,240.83	6	1,600.62	6	1,964.29	6	2,327.94	6	2,691.59	6	3,055.24	6	3,418.89
1/4	181.90	1/4	540.74	1/4	899.39	1/4	1,248.41	1/4	1,608.20	1/4	1,971.86	1/4	2,335.51	1/4	2,699.17	1/4	3,062.82	1/4	3,426.47
1/2	189.44	1/2	547.64	1/2	906.65	1/2	1,255.98	1/2	1,615.77	1/2	1,979.44	1/2	2,343.09	1/2	2,706.74	1/2	3,070.39	1/2	3,434.05
3/4	196.99	3/4	554.55	3/4	913.92	3/4	1,263.56	3/4	1,623.35	3/4	1,987.02	3/4	2,350.66	3/4	2,714.32	3/4	3,077.97	3/4	3,441.62
7	204.53	7	561.45	7	921.18	7	1,271.14	7	1,630.92	7	1,994.59	7	2,358.24	7	2,721.89	7	3,085.55	7	3,449.20
1/4	212.08	1/4	568.81	1/4	928.43	1/4	1,278.71	1/4	1,638.50	1/4	2,002.17	1/4	2,365.82	1/4	2,729.47	1/4	3,093.12	1/4	3,456.78
1/2	219.64	1/2	576.16	1/2	935.68	1/2	1,286.29	1/2	1,646.08	1/2	2,009.74	1/2	2,373.39	1/2	2,737.05	1/2	3,100.70	1/2	3,464.35
3/4	227.19	3/4	583.51	3/4	942.93	3/4	1,293.87	3/4	1,653.65	3/4	2,017.32	3/4	2,380.97	3/4	2,744.62	3/4	3,108.27	3/4	3,471.93
8	234.75	8	590.87	8	950.17	8	1,301.45	8	1,661.23	8	2,024.89	8	2,388.55	8	2,752.20	8	3,115.85	8	3,479.50
1/4	242.32	1/4	598.44	1/4	957.42	1/4	1,309.02	1/4	1,668.81	1/4	2,032.47	1/4	2,396.12	1/4	2,759.77	1/4	3,123.43	1/4	3,487.08
1/2	249.88	1/2	606.02	1/2	964.67	1/2	1,316.60	1/2	1,676.38	1/2	2,040.04	1/2	2,403.70	1/2	2,767.35	1/2	3,131.00	1/2	3,494.66
3/4	257.45	3/4	613.60	3/4	971.91	3/4	1,324.18	3/4	1,683.96	3/4	2,047.62	3/4	2,411.27	3/4	2,774.93	3/4	3,138.58	3/4	3,502.23
9	265.02	9	621.17	9	979.16	9	1,331.75	9	1,691.54	9	2,055.20	9	2,418.85	9	2,782.50	9	3,146.16	9	3,509.81
1/4	272.60	1/4	628.75	1/4	986.41	1/4	1,339.25	1/4	1,699.11	1/4	2,062.77	1/4	2,426.43	1/4	2,790.08	1/4	3,153.73	1/4	3,517.38
1/2	280.17	1/2	636.33	1/2	993.65	1/2	1,346.74	1/2	1,706.69	1/2	2,070.35	1/2	2,434.00	1/2	2,797.65	1/2	3,161.31	1/2	3,524.96
3/4	287.75	3/4	643.91	3/4	1,000.90	3/4	1,354.24	3/4	1,714.27	3/4	2,077.92	3/4	2,441.58	3/4	2,805.23	3/4	3,168.88	3/4	3,532.54
10	295.32	10	651.48	10	1,008.15	10	1,361.74	10	1,721.84	10	2,085.50	10	2,449.15	10	2,812.81	10	3,176.46	10	3,540.11
1/4	302.90	1/4	659.06	1/4	1,015.39	1/4	1,369.15	1/4	1,729.42	1/4	2,093.08	1/4	2,456.73	1/4	2,820.38	1/4	3,184.04	1/4	3,547.69
1/2	310.48	1/2	666.64	1/2	1,022.64	1/2	1,376.57	1/2	1,736.99	1/2	2,100.65	1/2	2,464.31	1/2	2,827.96	1/2	3,191.61	1/2	3,555.26
3/4	318.05	3/4	674.21	3/4	1,029.89	3/4	1,383.98	3/4	1,744.57	3/4	2,108.23	3/4	2,471.88	3/4	2,835.53	3/4	3,199.19	3/4	3,562.84
11	325.63	11	681.79	11	1,037.13	11	1,391.40	11	1,752.15	11	2,115.81	11	2,479.46	11	2,843.11	11	3,206.76	11	3,570.42
1/4	333.20	1/4	689.37	1/4	1,044.38	1/4	1,398.81	1/4	1,759.72	1/4	2,123.38	1/4	2,487.03	1/4	2,850.69	1/4	3,214.34	1/4	3,577.99
1/2	340.78	1/2	696.94	1/2	1,051.63	1/2	1,406.23	1/2	1,767.30	1/2	2,130.96	1/2	2,494.61	1/2	2,858.26	1/2	3,221.92	1/2	3,585.57
3/4	348.36	3/4	704.52	3/4	1,058.87	3/4	1,413.64	3/4	1,774.88	3/4	2,138.53	3/4	2,502.19	3/4	2,865.84	3/4	3,229.49	3/4	3,593.14

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" STANDPIPE  
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 52'-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 27763"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,600.72	0	3,963.22	0	4,309.50	0	4,630.85	0		0		0		0		0		0	
1/4	3,608.30	1/4	3,970.64	1/4	4,316.41	1/4	4,637.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,615.87	1/2	3,978.05	1/2	4,323.33	1/2	4,643.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.45	3/4	3,985.46	3/4	4,330.24	3/4	4,650.22	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,631.03	1	3,992.88	1	4,337.16	1	4,656.68	1		1		1		1		1		1	
1/4	3,638.60	1/4	4,000.25	1/4	4,344.01	1/4	4,663.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,646.18	1/2	4,007.63	1/2	4,350.87	1/2	4,669.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,653.75	3/4	4,015.01	3/4	4,357.72	3/4	4,675.94	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,661.33	2	4,022.38	2	4,364.58	2	4,682.36	2		2		2		2		2		2	
1/4	3,668.91	1/4	4,029.72	1/4	4,371.40	1/4	4,689.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,676.48	1/2	4,037.06	1/2	4,378.22	1/2	4,695.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,684.06	3/4	4,044.40	3/4	4,385.04	3/4	4,702.37	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,691.63	3	4,051.74	3	4,391.86	3	4,709.04	3		3		3		3		3		3	
1/4	3,699.21	1/4	4,059.05	1/4	4,398.64	1/4	4,716.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,706.79	1/2	4,066.35	1/2	4,405.42	1/2	4,723.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,714.36	3/4	4,073.66	3/4	4,412.20	3/4	4,730.68	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,721.94	4	4,080.96	4	4,418.99	4	4,737.90	4		4		4		4		4		4	
1/4	3,729.51	1/4	4,088.23	1/4	4,425.73	1/4	4,745.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,737.09	1/2	4,095.51	1/2	4,432.47	1/2	4,752.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,744.67	3/4	4,102.78	3/4	4,439.22	3/4	4,760.37	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,752.24	5	4,110.05	5	4,445.96	5	4,767.86	5		5		5		5		5		5	
1/4	3,759.82	1/4	4,117.29	1/4	4,452.67	1/4	4,775.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,767.40	1/2	4,124.53	1/2	4,459.38	1/2	4,782.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,774.97	3/4	4,131.76	3/4	4,466.09	3/4	4,790.10	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,782.55	6	4,139.00	6	4,472.80	6	4,797.52	6		6		6		6		6		6	
1/4	3,790.12	1/4	4,146.20	1/4	4,479.47	1/4	4,804.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,797.70	1/2	4,153.40	1/2	4,486.14	1/2	4,811.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,805.28	3/4	4,160.60	3/4	4,492.82	3/4	4,817.86	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,812.85	7	4,167.80	7	4,499.49	7	4,824.64	7		7		7		7		7		7	
1/4	3,820.42	1/4	4,174.96	1/4	4,506.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,828.00	1/2	4,182.13	1/2	4,512.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.57	3/4	4,189.29	3/4	4,519.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,843.14	8	4,196.45	8	4,526.05	8		8		8		8		8		8		8	
1/4	3,850.70	1/4	4,203.58	1/4	4,532.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.26	1/2	4,210.71	1/2	4,539.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,865.81	3/4	4,217.83	3/4	4,545.87	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,873.37	9	4,224.96	9	4,552.47	9		9		9		9		9		9		9	
1/4	3,880.89	1/4	4,232.05	1/4	4,559.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,888.42	1/2	4,239.14	1/2	4,565.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,895.94	3/4	4,246.23	3/4	4,572.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,903.47	10	4,253.32	10	4,578.75	10		10		10		10		10		10		10	
1/4	3,910.96	1/4	4,260.37	1/4	4,585.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,918.44	1/2	4,267.42	1/2	4,591.81	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,925.93	3/4	4,274.47	3/4	4,598.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,933.42	11	4,281.52	11	4,604.87	11		11		11		11		11		11		11	
1/4	3,940.87	1/4	4,288.52	1/4	4,611.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,948.32	1/2	4,295.51	1/2	4,617.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,955.77	3/4	4,302.50	3/4	4,624.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2009 CL - SW  
 RECALCULATED: 07/29/2019  
 REPRINTED: 07/29/2019

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 07/2019

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



# BARGE "KIRBY 27763"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

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

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" STANDPIPE  
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-09" OFF CENTERLINE AND 52'-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 27763"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,615.96	0	3,978.41	0	4,324.65	0	4,645.96	0		0		0		0		0		0	
1/4	3,623.53	1/4	3,985.83	1/4	4,331.56	1/4	4,652.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,631.11	1/2	3,993.24	1/2	4,338.48	1/2	4,658.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,638.68	3/4	4,000.65	3/4	4,345.39	3/4	4,665.33	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,646.26	1	4,008.07	1	4,352.30	1	4,671.79	1		1		1		1		1		1	
1/4	3,653.83	1/4	4,015.44	1/4	4,359.16	1/4	4,678.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,661.41	1/2	4,022.82	1/2	4,366.01	1/2	4,684.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,668.98	3/4	4,030.19	3/4	4,372.87	3/4	4,691.05	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,676.56	2	4,037.57	2	4,379.72	2	4,697.47	2		2		2		2		2		2	
1/4	3,684.13	1/4	4,044.91	1/4	4,386.54	1/4	4,704.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,691.71	1/2	4,052.25	1/2	4,393.36	1/2	4,710.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,699.28	3/4	4,059.59	3/4	4,400.18	3/4	4,717.47	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,706.86	3	4,066.92	3	4,407.00	3	4,724.14	3		3		3		3		3		3	
1/4	3,714.43	1/4	4,074.23	1/4	4,413.78	1/4	4,731.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.01	1/2	4,081.53	1/2	4,420.56	1/2	4,738.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,729.58	3/4	4,088.84	3/4	4,427.34	3/4	4,745.78	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,737.16	4	4,096.14	4	4,434.12	4	4,753.00	4		4		4		4		4		4	
1/4	3,744.73	1/4	4,103.41	1/4	4,440.87	1/4	4,760.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,752.31	1/2	4,110.68	1/2	4,447.61	1/2	4,767.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.88	3/4	4,117.95	3/4	4,454.35	3/4	4,775.47	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,767.46	5	4,125.22	5	4,461.10	5	4,782.96	5		5		5		5		5		5	
1/4	3,775.03	1/4	4,132.46	1/4	4,467.81	1/4	4,790.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.61	1/2	4,139.70	1/2	4,474.51	1/2	4,797.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,790.19	3/4	4,146.93	3/4	4,481.22	3/4	4,805.20	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,797.76	6	4,154.17	6	4,488.93	6	4,812.61	6		6		6		6		6		6	
1/4	3,805.34	1/4	4,161.37	1/4	4,494.60	1/4	4,819.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,812.91	1/2	4,168.57	1/2	4,501.27	1/2	4,826.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,820.49	3/4	4,175.77	3/4	4,507.94	3/4	4,832.95	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,828.06	7	4,182.97	7	4,514.62	7	4,839.73	7		7		7		7		7		7	
1/4	3,835.63	1/4	4,190.13	1/4	4,521.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,843.20	1/2	4,197.29	1/2	4,527.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.78	3/4	4,204.46	3/4	4,534.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,858.35	8	4,211.62	8	4,541.18	8		8		8		8		8		8		8	
1/4	3,865.90	1/4	4,218.74	1/4	4,547.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,873.46	1/2	4,225.87	1/2	4,554.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,881.01	3/4	4,232.99	3/4	4,560.99	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,888.57	9	4,240.12	9	4,567.60	9		9		9		9		9		9		9	
1/4	3,896.09	1/4	4,247.21	1/4	4,574.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,903.62	1/2	4,254.30	1/2	4,580.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,911.14	3/4	4,261.38	3/4	4,587.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,918.67	10	4,268.47	10	4,593.87	10		10		10		10		10		10		10	
1/4	3,926.15	1/4	4,275.52	1/4	4,600.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,933.64	1/2	4,282.57	1/2	4,606.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,941.13	3/4	4,289.63	3/4	4,613.46	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,948.61	11	4,296.68	11	4,619.99	11		11		11		11		11		11		11	
1/4	3,956.06	1/4	4,303.67	1/4	4,626.48	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,963.51	1/2	4,310.66	1/2	4,632.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,970.96	3/4	4,317.66	3/4	4,639.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2009 CL - SW  
RECALCULATED: 07/29/2019  
REPRINTED: 07/29/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019

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



# BARGE "KIRBY 27763"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	47.15	0	325.02	0	677.96	0	1,030.26	0	1,386.86	0	1,748.40	0	2,111.46	0	2,474.52	0	2,837.57	0	3,200.67
1/4	48.09	1/4	332.55	1/4	685.32	1/4	1,037.59	1/4	1,394.25	1/4	1,755.96	1/4	2,119.02	1/4	2,482.08	1/4	2,845.14	1/4	3,208.26
1/2	49.04	1/2	340.09	1/2	692.67	1/2	1,044.92	1/2	1,401.64	1/2	1,763.52	1/2	2,126.59	1/2	2,489.64	1/2	2,852.70	1/2	3,215.84
3/4	49.98	3/4	347.63	3/4	700.03	3/4	1,052.24	3/4	1,409.04	3/4	1,771.09	3/4	2,134.15	3/4	2,497.21	3/4	2,860.26	3/4	3,223.43
1	50.93	1	355.17	1	707.39	1	1,059.57	1	1,416.43	1	1,778.65	1	2,141.71	1	2,504.77	1	2,867.83	1	3,231.02
1/4	52.72	1/4	362.72	1/4	714.75	1/4	1,066.90	1/4	1,423.89	1/4	1,786.22	1/4	2,149.28	1/4	2,512.33	1/4	2,875.39	1/4	3,238.60
1/2	54.52	1/2	370.26	1/2	722.11	1/2	1,074.23	1/2	1,431.34	1/2	1,793.78	1/2	2,156.84	1/2	2,519.90	1/2	2,882.96	1/2	3,246.19
3/4	56.32	3/4	377.81	3/4	729.46	3/4	1,081.56	3/4	1,438.80	3/4	1,801.34	3/4	2,164.40	3/4	2,527.46	3/4	2,890.52	3/4	3,253.78
2	58.11	2	385.36	2	736.82	2	1,088.88	2	1,446.26	2	1,808.91	2	2,171.97	2	2,535.03	2	2,898.08	2	3,261.36
1/4	61.18	1/4	392.69	1/4	744.18	1/4	1,096.22	1/4	1,453.80	1/4	1,816.47	1/4	2,179.53	1/4	2,542.59	1/4	2,905.65	1/4	3,268.95
1/2	64.26	1/2	400.03	1/2	751.54	1/2	1,103.55	1/2	1,461.34	1/2	1,824.03	1/2	2,187.10	1/2	2,550.15	1/2	2,913.21	1/2	3,276.53
3/4	67.33	3/4	407.37	3/4	758.90	3/4	1,110.89	3/4	1,468.88	3/4	1,831.60	3/4	2,194.66	3/4	2,557.72	3/4	2,920.77	3/4	3,284.12
3	70.40	3	414.70	3	766.25	3	1,118.22	3	1,476.42	3	1,839.16	3	2,202.22	3	2,565.28	3	2,928.34	3	3,291.71
1/4	75.19	1/4	421.60	1/4	773.61	1/4	1,125.67	1/4	1,483.97	1/4	1,846.73	1/4	2,209.79	1/4	2,572.84	1/4	2,935.90	1/4	3,299.29
1/2	79.97	1/2	428.50	1/2	780.97	1/2	1,133.11	1/2	1,491.51	1/2	1,854.29	1/2	2,217.35	1/2	2,580.41	1/2	2,943.47	1/2	3,306.88
3/4	84.75	3/4	435.39	3/4	788.33	3/4	1,140.55	3/4	1,499.05	3/4	1,861.85	3/4	2,224.91	3/4	2,587.97	3/4	2,951.03	3/4	3,314.46
4	89.54	4	442.29	4	795.69	4	1,148.00	4	1,506.59	4	1,869.42	4	2,232.48	4	2,595.53	4	2,958.59	4	3,322.05
1/4	95.81	1/4	449.19	1/4	803.03	1/4	1,155.55	1/4	1,514.13	1/4	1,876.98	1/4	2,240.04	1/4	2,603.10	1/4	2,966.16	1/4	3,329.64
1/2	102.08	1/2	456.09	1/2	810.38	1/2	1,163.09	1/2	1,521.67	1/2	1,884.55	1/2	2,247.60	1/2	2,610.66	1/2	2,973.72	1/2	3,337.22
3/4	108.35	3/4	462.98	3/4	817.72	3/4	1,170.64	3/4	1,529.21	3/4	1,892.11	3/4	2,255.17	3/4	2,618.23	3/4	2,981.28	3/4	3,344.81
5	114.62	5	469.88	5	825.07	5	1,178.19	5	1,536.75	5	1,899.67	5	2,262.73	5	2,625.79	5	2,988.85	5	3,352.39
1/4	121.85	1/4	477.22	1/4	832.40	1/4	1,185.74	1/4	1,544.29	1/4	1,907.24	1/4	2,270.30	1/4	2,633.35	1/4	2,996.41	1/4	3,359.98
1/2	129.08	1/2	484.57	1/2	839.73	1/2	1,193.29	1/2	1,551.83	1/2	1,914.80	1/2	2,277.86	1/2	2,640.92	1/2	3,003.97	1/2	3,367.56
3/4	136.31	3/4	491.91	3/4	847.06	3/4	1,200.84	3/4	1,559.37	3/4	1,922.37	3/4	2,285.42	3/4	2,648.48	3/4	3,011.54	3/4	3,375.14
6	143.54	6	499.26	6	854.40	6	1,208.39	6	1,566.91	6	1,929.93	6	2,292.99	6	2,656.04	6	3,019.10	6	3,382.72
1/4	151.10	1/4	506.83	1/4	861.72	1/4	1,215.93	1/4	1,574.46	1/4	1,937.49	1/4	2,300.55	1/4	2,663.61	1/4	3,026.67	1/4	3,390.30
1/2	158.66	1/2	514.40	1/2	869.05	1/2	1,223.48	1/2	1,582.01	1/2	1,945.06	1/2	2,308.11	1/2	2,671.17	1/2	3,034.23	1/2	3,397.88
3/4	166.22	3/4	521.96	3/4	876.38	3/4	1,231.03	3/4	1,589.57	3/4	1,952.62	3/4	2,315.68	3/4	2,678.74	3/4	3,041.79	3/4	3,405.46
7	173.78	7	529.53	7	883.71	7	1,238.58	7	1,597.12	7	1,960.18	7	2,323.24	7	2,686.30	7	3,049.36	7	3,413.04
1/4	181.35	1/4	537.10	1/4	891.04	1/4	1,246.05	1/4	1,604.68	1/4	1,967.75	1/4	2,330.81	1/4	2,693.86	1/4	3,056.92	1/4	3,420.62
1/2	188.92	1/2	544.67	1/2	898.37	1/2	1,253.51	1/2	1,612.25	1/2	1,975.31	1/2	2,338.37	1/2	2,701.43	1/2	3,064.48	1/2	3,428.20
3/4	196.48	3/4	552.24	3/4	905.70	3/4	1,260.98	3/4	1,619.81	3/4	1,982.88	3/4	2,345.93	3/4	2,708.99	3/4	3,072.05	3/4	3,435.78
8	204.05	8	559.81	8	913.03	8	1,268.45	8	1,627.37	8	1,990.44	8	2,353.50	8	2,716.55	8	3,079.61	8	3,443.36
1/4	211.62	1/4	567.27	1/4	920.36	1/4	1,275.84	1/4	1,634.94	1/4	1,998.00	1/4	2,361.06	1/4	2,724.12	1/4	3,087.18	1/4	3,450.94
1/2	219.19	1/2	574.74	1/2	927.68	1/2	1,283.24	1/2	1,642.50	1/2	2,005.57	1/2	2,368.62	1/2	2,731.68	1/2	3,094.74	1/2	3,458.52
3/4	226.75	3/4	582.20	3/4	935.01	3/4	1,290.63	3/4	1,650.06	3/4	2,013.13	3/4	2,376.19	3/4	2,739.25	3/4	3,102.30	3/4	3,466.10
9	234.32	9	589.66	9	942.34	9	1,298.03	9	1,657.63	9	2,020.69	9	2,383.75	9	2,746.81	9	3,109.87	9	3,473.68
1/4	241.89	1/4	597.02	1/4	949.67	1/4	1,305.43	1/4	1,665.19	1/4	2,028.26	1/4	2,391.31	1/4	2,754.37	1/4	3,117.43	1/4	3,481.26
1/2	249.46	1/2	604.38	1/2	956.99	1/2	1,312.84	1/2	1,672.76	1/2	2,035.82	1/2	2,398.88	1/2	2,761.94	1/2	3,124.99	1/2	3,488.84
3/4	257.02	3/4	611.74	3/4	964.32	3/4	1,320.24	3/4	1,680.32	3/4	2,043.38	3/4	2,406.44	3/4	2,769.50	3/4	3,132.56	3/4	3,496.42
10	264.59	10	619.09	10	971.65	10	1,327.64	10	1,687.88	10	2,050.95	10	2,414.01	10	2,777.06	10	3,140.12	10	3,504.00
1/4	272.15	1/4	626.45	1/4	978.97	1/4	1,335.04	1/4	1,695.45	1/4	2,058.51	1/4	2,421.57	1/4	2,784.63	1/4	3,147.68	1/4	3,511.58
1/2	279.71	1/2	633.81	1/2	986.30	1/2	1,342.45	1/2	1,703.01	1/2	2,066.08	1/2	2,429.13	1/2	2,792.19	1/2	3,155.25	1/2	3,519.16
3/4	287.27	3/4	641.17	3/4	993.63	3/4	1,349.85	3/4	1,710.58	3/4	2,073.64	3/4	2,436.70	3/4	2,799.75	3/4	3,162.81	3/4	3,526.74
11	294.83	11	648.53	11	1,000.96	11	1,357.25	11	1,718.14	11	2,081.20	11	2,444.26	11	2,807.32	11	3,170.38	11	3,534.32
1/4	302.38	1/4	655.88	1/4	1,008.28	1/4	1,364.66	1/4	1,725.70	1/4	2,088.77	1/4	2,451.82	1/4	2,814.88	1/4	3,177.95	1/4	3,541.90
1/2	309.92	1/2	663.24	1/2	1,015.61	1/2	1,372.06	1/2	1,733.27	1/2	2,096.33	1/2	2,459.39	1/2	2,822.45	1/2	3,185.52	1/2	3,549.48
3/4	317.47	3/4	670.60	3/4	1,022.94	3/4	1,379.46	3/4	1,740.83	3/4	2,103.89	3/4	2,466.95	3/4	2,830.01	3/4	3,193.10	3/4	3,557.06

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



# BARGE "KIRBY 27763"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,473.35	0	3,667.24	0	3,850.69	0	4,019.44	0		0		0		0		0		0	
1/4	3,477.42	1/4	3,671.18	1/4	3,854.31	1/4	4,022.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,481.48	1/2	3,675.12	1/2	3,857.93	1/2	4,026.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,485.55	3/4	3,679.07	3/4	3,861.55	3/4	4,030.07	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,489.62	1	3,683.01	1	3,865.18	1	4,033.61	1		1		1		1		1		1	
1/4	3,493.69	1/4	3,686.93	1/4	3,868.78	1/4	4,037.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,497.76	1/2	3,690.85	1/2	3,872.38	1/2	4,041.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,501.83	3/4	3,694.78	3/4	3,875.98	3/4	4,045.11	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,505.89	2	3,698.70	2	3,879.59	2	4,048.95	2		2		2		2		2		2	
1/4	3,509.96	1/4	3,702.60	1/4	3,883.17	1/4	4,052.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,514.03	1/2	3,706.51	1/2	3,886.75	1/2	4,056.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,518.10	3/4	3,710.41	3/4	3,890.33	3/4	4,060.90	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,522.17	3	3,714.32	3	3,893.92	3	4,064.88	3		3		3		3		3		3	
1/4	3,526.24	1/4	3,718.21	1/4	3,897.48	1/4	4,068.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,530.31	1/2	3,722.09	1/2	3,901.04	1/2	4,072.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,534.37	3/4	3,725.98	3/4	3,904.60	3/4	4,076.60	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,538.44	4	3,729.86	4	3,908.17	4	4,080.50	4		4		4		4		4		4	
1/4	3,542.51	1/4	3,733.73	1/4	3,911.71	1/4	4,083.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,546.58	1/2	3,737.60	1/2	3,915.25	1/2	4,087.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,550.65	3/4	3,741.46	3/4	3,918.80	3/4	4,090.32	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,554.72	5	3,745.33	5	3,922.34	5	4,093.59	5		5		5		5		5		5	
1/4	3,558.78	1/4	3,749.18	1/4	3,925.87	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,562.85	1/2	3,753.02	1/2	3,929.40	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,566.92	3/4	3,756.87	3/4	3,932.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,570.99	6	3,760.72	6	3,936.45	6		6		6		6		6		6		6	
1/4	3,575.04	1/4	3,764.54	1/4	3,939.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,579.10	1/2	3,768.37	1/2	3,943.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,583.16	3/4	3,772.20	3/4	3,946.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,587.22	7	3,776.02	7	3,950.48	7		7		7		7		7		7		7	
1/4	3,591.26	1/4	3,779.83	1/4	3,953.97	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,595.30	1/2	3,783.64	1/2	3,957.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,599.34	3/4	3,787.44	3/4	3,960.94	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,603.38	8	3,791.25	8	3,964.43	8		8		8		8		8		8		8	
1/4	3,607.40	1/4	3,795.04	1/4	3,967.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,611.42	1/2	3,798.82	1/2	3,971.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,615.45	3/4	3,802.61	3/4	3,974.83	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,619.47	9	3,806.40	9	3,978.30	9		9		9		9		9		9		9	
1/4	3,623.47	1/4	3,810.14	1/4	3,981.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,627.47	1/2	3,813.89	1/2	3,985.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,631.47	3/4	3,817.64	3/4	3,988.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,635.47	10	3,821.38	10	3,992.09	10		10		10		10		10		10		10	
1/4	3,639.45	1/4	3,825.06	1/4	3,995.52	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,643.43	1/2	3,828.75	1/2	3,998.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,647.42	3/4	3,832.43	3/4	4,002.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,651.40	11	3,836.12	11	4,005.81	11		11		11		11		11		11		11	
1/4	3,655.36	1/4	3,839.76	1/4	4,009.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,659.32	1/2	3,843.40	1/2	4,012.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,663.28	3/4	3,847.04	3/4	4,016.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2009 CL - SW  
 RECALCULATED: 07/29/2019  
 REPRINTED: 07/29/2019

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 07/2019

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



# BARGE "KIRBY 27763"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	47.21	0	326.12	0	683.10	0	1,046.62	0	1,407.81	0	1,771.19	0	2,135.54	0	2,499.89	0	2,864.24	0	3,228.59
1/4	48.18	1/4	333.68	1/4	690.69	1/4	1,054.18	1/4	1,415.23	1/4	1,778.78	1/4	2,143.13	1/4	2,507.48	1/4	2,871.83	1/4	3,236.18
1/2	49.14	1/2	341.24	1/2	698.28	1/2	1,061.74	1/2	1,422.66	1/2	1,786.37	1/2	2,150.73	1/2	2,515.07	1/2	2,879.42	1/2	3,243.77
3/4	50.10	3/4	348.81	3/4	705.87	3/4	1,069.30	3/4	1,430.09	3/4	1,793.96	3/4	2,158.32	3/4	2,522.66	3/4	2,887.01	3/4	3,251.36
1	51.07	1	356.37	1	713.46	1	1,076.87	1	1,437.52	1	1,801.55	1	2,165.91	1	2,530.26	1	2,894.60	1	3,259.95
1/4	52.88	1/4	363.94	1/4	721.05	1/4	1,084.43	1/4	1,445.03	1/4	1,809.15	1/4	2,173.50	1/4	2,537.85	1/4	2,902.19	1/4	3,266.54
1/2	54.70	1/2	371.50	1/2	728.64	1/2	1,092.00	1/2	1,452.54	1/2	1,816.74	1/2	2,181.09	1/2	2,545.44	1/2	2,909.79	1/2	3,274.13
3/4	56.51	3/4	379.07	3/4	736.23	3/4	1,099.56	3/4	1,460.05	3/4	1,824.33	3/4	2,188.68	3/4	2,553.03	3/4	2,917.38	3/4	3,281.72
2	58.33	2	386.64	2	743.82	2	1,107.12	2	1,467.56	2	1,831.92	2	2,196.27	2	2,560.62	2	2,924.97	2	3,289.32
1/4	61.42	1/4	394.00	1/4	751.42	1/4	1,114.70	1/4	1,475.15	1/4	1,839.51	1/4	2,203.86	1/4	2,568.21	1/4	2,932.56	1/4	3,296.91
1/2	64.51	1/2	401.36	1/2	759.01	1/2	1,122.28	1/2	1,482.74	1/2	1,847.10	1/2	2,211.45	1/2	2,575.80	1/2	2,940.15	1/2	3,304.50
3/4	67.61	3/4	408.72	3/4	766.60	3/4	1,129.86	3/4	1,490.33	3/4	1,854.69	3/4	2,219.04	3/4	2,583.39	3/4	2,947.74	3/4	3,312.09
3	70.70	3	416.08	3	774.19	3	1,137.44	3	1,497.92	3	1,862.28	3	2,226.63	3	2,590.98	3	2,955.33	3	3,319.68
1/4	75.50	1/4	423.00	1/4	781.78	1/4	1,145.03	1/4	1,505.51	1/4	1,869.87	1/4	2,234.22	1/4	2,598.57	1/4	2,962.92	1/4	3,327.27
1/2	80.31	1/2	429.92	1/2	789.37	1/2	1,152.62	1/2	1,513.10	1/2	1,877.46	1/2	2,241.81	1/2	2,606.16	1/2	2,970.51	1/2	3,334.86
3/4	85.11	3/4	436.84	3/4	796.96	3/4	1,160.21	3/4	1,520.69	3/4	1,885.05	3/4	2,249.40	3/4	2,613.75	3/4	2,978.10	3/4	3,342.45
4	89.92	4	443.76	4	804.55	4	1,167.80	4	1,528.29	4	1,892.64	4	2,256.99	4	2,621.34	4	2,985.69	4	3,350.04
1/4	96.21	1/4	450.68	1/4	812.13	1/4	1,175.40	1/4	1,535.88	1/4	1,900.23	1/4	2,264.58	1/4	2,628.93	1/4	2,993.28	1/4	3,357.63
1/2	102.50	1/2	457.60	1/2	819.71	1/2	1,182.99	1/2	1,543.47	1/2	1,907.83	1/2	2,272.18	1/2	2,636.52	1/2	3,000.87	1/2	3,365.22
3/4	108.80	3/4	464.52	3/4	827.29	3/4	1,190.58	3/4	1,551.06	3/4	1,915.42	3/4	2,279.77	3/4	2,644.11	3/4	3,008.46	3/4	3,372.81
5	115.09	5	471.43	5	834.87	5	1,198.17	5	1,558.65	5	1,923.01	5	2,287.36	5	2,651.71	5	3,016.05	5	3,380.40
1/4	122.34	1/4	478.80	1/4	842.43	1/4	1,205.76	1/4	1,566.24	1/4	1,930.60	1/4	2,294.95	1/4	2,659.30	1/4	3,023.64	1/4	3,388.23
1/2	129.59	1/2	486.17	1/2	850.00	1/2	1,213.35	1/2	1,573.83	1/2	1,938.19	1/2	2,302.54	1/2	2,666.89	1/2	3,031.24	1/2	3,392.06
3/4	136.85	3/4	493.54	3/4	857.56	3/4	1,220.94	3/4	1,581.42	3/4	1,945.78	3/4	2,310.13	3/4	2,674.48	3/4	3,038.83	3/4	3,397.89
6	144.10	6	500.90	6	865.13	6	1,228.54	6	1,589.01	6	1,953.37	6	2,317.72	6	2,682.07	6	3,046.42	6	3,403.72
1/4	151.68	1/4	508.50	1/4	872.69	1/4	1,236.13	1/4	1,596.60	1/4	1,960.96	1/4	2,325.31	1/4	2,689.66	1/4	3,054.01	1/4	3,407.79
1/2	159.26	1/2	516.09	1/2	880.25	1/2	1,243.72	1/2	1,604.19	1/2	1,968.55	1/2	2,332.90	1/2	2,697.25	1/2	3,061.60	1/2	3,411.86
3/4	166.85	3/4	523.68	3/4	887.81	3/4	1,251.31	3/4	1,611.78	3/4	1,976.14	3/4	2,340.49	3/4	2,704.84	3/4	3,069.19	3/4	3,415.93
7	174.43	7	531.27	7	895.37	7	1,258.90	7	1,619.38	7	1,983.73	7	2,348.08	7	2,712.43	7	3,076.78	7	3,420.00
1/4	182.02	1/4	538.86	1/4	902.94	1/4	1,266.41	1/4	1,626.97	1/4	1,991.32	1/4	2,355.67	1/4	2,720.02	1/4	3,084.37	1/4	3,424.08
1/2	189.61	1/2	546.45	1/2	910.50	1/2	1,273.92	1/2	1,634.56	1/2	1,998.91	1/2	2,363.26	1/2	2,727.61	1/2	3,091.96	1/2	3,428.15
3/4	197.20	3/4	554.05	3/4	918.06	3/4	1,281.43	3/4	1,642.15	3/4	2,006.50	3/4	2,370.85	3/4	2,735.20	3/4	3,099.55	3/4	3,432.22
8	204.79	8	561.64	8	925.62	8	1,288.94	8	1,649.74	8	2,014.09	8	2,378.44	8	2,742.79	8	3,107.14	8	3,436.29
1/4	212.38	1/4	569.23	1/4	933.19	1/4	1,296.37	1/4	1,657.33	1/4	2,021.69	1/4	2,386.03	1/4	2,750.38	1/4	3,114.73	1/4	3,440.36
1/2	219.97	1/2	576.82	1/2	940.75	1/2	1,303.80	1/2	1,664.92	1/2	2,029.28	1/2	2,393.62	1/2	2,757.97	1/2	3,122.32	1/2	3,444.43
3/4	227.56	3/4	584.41	3/4	948.31	3/4	1,311.23	3/4	1,672.51	3/4	2,036.87	3/4	2,401.22	3/4	2,765.56	3/4	3,129.91	3/4	3,448.50
9	235.15	9	592.00	9	955.87	9	1,318.66	9	1,680.10	9	2,044.46	9	2,408.81	9	2,773.15	9	3,137.50	9	3,452.57
1/4	242.74	1/4	599.59	1/4	963.43	1/4	1,326.09	1/4	1,687.69	1/4	2,052.05	1/4	2,416.40	1/4	2,780.75	1/4	3,145.09	1/4	3,456.64
1/2	250.33	1/2	607.18	1/2	971.00	1/2	1,333.52	1/2	1,695.28	1/2	2,059.64	1/2	2,423.99	1/2	2,788.34	1/2	3,152.68	1/2	3,460.71
3/4	257.92	3/4	614.78	3/4	978.56	3/4	1,340.95	3/4	1,702.87	3/4	2,067.23	3/4	2,431.58	3/4	2,795.93	3/4	3,160.28	3/4	3,464.79
10	265.51	10	622.37	10	986.12	10	1,348.38	10	1,710.46	10	2,074.82	10	2,439.17	10	2,803.52	10	3,167.87	10	3,468.86
1/4	273.10	1/4	629.96	1/4	993.68	1/4	1,355.80	1/4	1,718.06	1/4	2,082.41	1/4	2,446.76	1/4	2,811.11	1/4	3,175.46	1/4	3,472.93
1/2	280.68	1/2	637.55	1/2	1,001.25	1/2	1,363.23	1/2	1,725.65	1/2	2,090.00	1/2	2,454.35	1/2	2,818.70	1/2	3,183.05	1/2	3,477.00
3/4	288.26	3/4	645.14	3/4	1,008.81	3/4	1,370.66	3/4	1,733.24	3/4	2,097.59	3/4	2,461.94	3/4	2,826.29	3/4	3,190.64	3/4	3,481.07
11	295.85	11	652.73	11	1,016.37	11	1,378.09	11	1,740.83	11	2,105.18	11	2,469.53	11	2,833.88	11	3,198.23	11	3,485.14
1/4	303.42	1/4	660.32	1/4	1,023.93	1/4	1,385.52	1/4	1,748.42	1/4	2,112.77	1/4	2,477.12	1/4	2,841.47	1/4	3,205.82	1/4	3,489.21
1/2	310.98	1/2	667.91	1/2	1,031.49	1/2	1,392.95	1/2	1,756.01	1/2	2,120.36	1/2	2,484.71	1/2	2,849.06	1/2	3,213.41	1/2	3,493.28
3/4	318.55	3/4	675.50	3/4	1,039.06	3/4	1,400.38	3/4	1,763.60	3/4	2,127.95	3/4	2,492.30	3/4	2,856.65	3/4	3,221.00	3/4	3,497.35

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 27763"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,501.42	0	3,695.43	0	3,878.99	0	4,047.84	0		0		0		0		0		0	
1/4	3,505.50	1/4	3,699.38	1/4	3,882.61	1/4	4,051.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,509.57	1/2	3,703.32	1/2	3,886.24	1/2	4,054.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,513.64	3/4	3,707.27	3/4	3,889.86	3/4	4,058.47	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,517.71	1	3,711.21	1	3,893.48	1	4,062.02	1		1		1		1		1		1	
1/4	3,521.78	1/4	3,715.13	1/4	3,897.09	1/4	4,065.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,525.85	1/2	3,719.06	1/2	3,900.69	1/2	4,069.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,529.92	3/4	3,722.98	3/4	3,904.30	3/4	4,073.53	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,533.99	2	3,726.91	2	3,907.90	2	4,077.37	2		2		2		2		2		2	
1/4	3,538.06	1/4	3,730.82	1/4	3,911.49	1/4	4,081.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,542.13	1/2	3,734.72	1/2	3,915.07	1/2	4,085.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,546.21	3/4	3,738.63	3/4	3,918.66	3/4	4,089.33	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,550.28	3	3,742.54	3	3,922.24	3	4,093.31	3		3		3		3		3		3	
1/4	3,554.35	1/4	3,746.43	1/4	3,925.81	1/4	4,097.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,558.42	1/2	3,750.32	1/2	3,929.37	1/2	4,101.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,562.49	3/4	3,754.21	3/4	3,932.94	3/4	4,105.03	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,566.56	4	3,758.09	4	3,936.50	4	4,108.94	4		4		4		4		4		4	
1/4	3,570.63	1/4	3,761.96	1/4	3,940.05	1/4	4,112.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,574.70	1/2	3,765.83	1/2	3,943.59	1/2	4,115.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,578.77	3/4	3,769.70	3/4	3,947.14	3/4	4,118.76	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,582.84	5	3,773.57	5	3,950.69	5	4,122.04	5		5		5		5		5		5	
1/4	3,586.91	1/4	3,777.42	1/4	3,954.22	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,590.98	1/2	3,781.27	1/2	3,957.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,595.05	3/4	3,785.12	3/4	3,961.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,599.12	6	3,788.97	6	3,964.80	6		6		6		6		6		6		6	
1/4	3,603.18	1/4	3,792.79	1/4	3,968.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,607.24	1/2	3,796.62	1/2	3,971.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,611.30	3/4	3,800.45	3/4	3,975.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,615.36	7	3,804.28	7	3,978.84	7		7		7		7		7		7		7	
1/4	3,619.41	1/4	3,808.09	1/4	3,982.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,623.45	1/2	3,811.90	1/2	3,985.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,627.49	3/4	3,815.71	3/4	3,989.31	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,631.54	8	3,819.52	8	3,992.80	8		8		8		8		8		8		8	
1/4	3,635.56	1/4	3,823.31	1/4	3,996.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,639.58	1/2	3,827.09	1/2	3,999.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,643.61	3/4	3,830.88	3/4	4,003.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,647.63	9	3,834.67	9	4,006.68	9		9		9		9		9		9		9	
1/4	3,651.63	1/4	3,838.42	1/4	4,010.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,655.64	1/2	3,842.17	1/2	4,013.58	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,659.64	3/4	3,845.92	3/4	4,017.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,663.64	10	3,849.66	10	4,020.48	10		10		10		10		10		10		10	
1/4	3,667.63	1/4	3,853.35	1/4	4,023.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,671.61	1/2	3,857.04	1/2	4,027.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,675.60	3/4	3,860.72	3/4	4,030.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,679.58	11	3,864.41	11	4,034.20	11		11		11		11		11		11		11	
1/4	3,683.54	1/4	3,868.05	1/4	4,037.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,687.51	1/2	3,871.70	1/2	4,041.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,691.47	3/4	3,875.34	3/4	4,044.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 03/04/2009 CL - SW  
 RECALCULATED: 07/29/2019  
 REPRINTED: 07/29/2019

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 07/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 27763"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	2,313	0	4,626	0	6,940	0	9,253	0	11,566	0	13,879	0		0		0	
1/4	48	1/4	2,361	1/4	4,675	1/4	6,988	1/4	9,301	1/4	11,614	1/4	13,927	1/4		1/4		1/4	
1/2	96	1/2	2,410	1/2	4,723	1/2	7,036	1/2	9,349	1/2	11,662	1/2	13,976	1/2		1/2		1/2	
3/4	145	3/4	2,458	3/4	4,771	3/4	7,084	3/4	9,397	3/4	11,711	3/4	14,024	3/4		3/4		3/4	
1	193	1	2,506	1	4,819	1	7,132	1	9,446	1	11,759	1	14,072	1		1		1	
1/4	241	1/4	2,554	1/4	4,867	1/4	7,181	1/4	9,494	1/4	11,807	1/4	14,120	1/4		1/4		1/4	
1/2	289	1/2	2,602	1/2	4,916	1/2	7,229	1/2	9,542	1/2	11,855	1/2	14,168	1/2		1/2		1/2	
3/4	337	3/4	2,651	3/4	4,964	3/4	7,277	3/4	9,590	3/4	11,903	3/4	14,217	3/4		3/4		3/4	
2	386	2	2,699	2	5,012	2	7,325	2	9,638	2	11,952	2	14,265	2		2		2	
1/4	434	1/4	2,747	1/4	5,060	1/4	7,373	1/4	9,687	1/4	12,000	1/4	14,310	1/4		1/4		1/4	
1/2	482	1/2	2,795	1/2	5,108	1/2	7,422	1/2	9,735	1/2	12,048	1/2		1/2		1/2		1/2	
3/4	530	3/4	2,843	3/4	5,157	3/4	7,470	3/4	9,783	3/4	12,096	3/4		3/4		3/4		3/4	
3	578	3	2,892	3	5,205	3	7,518	3	9,831	3	12,144	3		3		3		3	
1/4	626	1/4	2,940	1/4	5,253	1/4	7,566	1/4	9,879	1/4	12,193	1/4		1/4		1/4		1/4	
1/2	675	1/2	2,988	1/2	5,301	1/2	7,614	1/2	9,928	1/2	12,241	1/2		1/2		1/2		1/2	
3/4	723	3/4	3,036	3/4	5,349	3/4	7,663	3/4	9,976	3/4	12,289	3/4		3/4		3/4		3/4	
4	771	4	3,084	4	5,398	4	7,711	4	10,024	4	12,337	4		4		4		4	
1/4	819	1/4	3,132	1/4	5,446	1/4	7,759	1/4	10,072	1/4	12,385	1/4		1/4		1/4		1/4	
1/2	867	1/2	3,181	1/2	5,494	1/2	7,807	1/2	10,120	1/2	12,434	1/2		1/2		1/2		1/2	
3/4	916	3/4	3,229	3/4	5,542	3/4	7,855	3/4	10,169	3/4	12,482	3/4		3/4		3/4		3/4	
5	964	5	3,277	5	5,590	5	7,903	5	10,217	5	12,530	5		5		5		5	
1/4	1,012	1/4	3,325	1/4	5,638	1/4	7,952	1/4	10,265	1/4	12,578	1/4		1/4		1/4		1/4	
1/2	1,060	1/2	3,373	1/2	5,687	1/2	8,000	1/2	10,313	1/2	12,626	1/2		1/2		1/2		1/2	
3/4	1,108	3/4	3,422	3/4	5,735	3/4	8,048	3/4	10,361	3/4	12,674	3/4		3/4		3/4		3/4	
6	1,157	6	3,470	6	5,783	6	8,096	6	10,409	6	12,723	6		6		6		6	
1/4	1,205	1/4	3,518	1/4	5,831	1/4	8,144	1/4	10,458	1/4	12,771	1/4		1/4		1/4		1/4	
1/2	1,253	1/2	3,566	1/2	5,879	1/2	8,193	1/2	10,506	1/2	12,819	1/2		1/2		1/2		1/2	
3/4	1,301	3/4	3,614	3/4	5,928	3/4	8,241	3/4	10,554	3/4	12,867	3/4		3/4		3/4		3/4	
7	1,349	7	3,663	7	5,976	7	8,289	7	10,602	7	12,915	7		7		7		7	
1/4	1,398	1/4	3,711	1/4	6,024	1/4	8,337	1/4	10,650	1/4	12,964	1/4		1/4		1/4		1/4	
1/2	1,446	1/2	3,759	1/2	6,072	1/2	8,385	1/2	10,699	1/2	13,012	1/2		1/2		1/2		1/2	
3/4	1,494	3/4	3,807	3/4	6,120	3/4	8,434	3/4	10,747	3/4	13,060	3/4		3/4		3/4		3/4	
8	1,542	8	3,855	8	6,169	8	8,482	8	10,795	8	13,108	8		8		8		8	
1/4	1,590	1/4	3,904	1/4	6,217	1/4	8,530	1/4	10,843	1/4	13,156	1/4		1/4		1/4		1/4	
1/2	1,639	1/2	3,952	1/2	6,265	1/2	8,578	1/2	10,891	1/2	13,205	1/2		1/2		1/2		1/2	
3/4	1,687	3/4	4,000	3/4	6,313	3/4	8,626	3/4	10,940	3/4	13,253	3/4		3/4		3/4		3/4	
9	1,735	9	4,048	9	6,361	9	8,675	9	10,988	9	13,301	9		9		9		9	
1/4	1,783	1/4	4,096	1/4	6,410	1/4	8,723	1/4	11,036	1/4	13,349	1/4		1/4		1/4		1/4	
1/2	1,831	1/2	4,145	1/2	6,458	1/2	8,771	1/2	11,084	1/2	13,397	1/2		1/2		1/2		1/2	
3/4	1,879	3/4	4,193	3/4	6,506	3/4	8,819	3/4	11,132	3/4	13,446	3/4		3/4		3/4		3/4	
10	1,928	10	4,241	10	6,554	10	8,867	10	11,181	10	13,494	10		10		10		10	
1/4	1,976	1/4	4,289	1/4	6,602	1/4	8,916	1/4	11,229	1/4	13,542	1/4		1/4		1/4		1/4	
1/2	2,024	1/2	4,337	1/2	6,650	1/2	8,964	1/2	11,277	1/2	13,590	1/2		1/2		1/2		1/2	
3/4	2,072	3/4	4,385	3/4	6,699	3/4	9,012	3/4	11,325	3/4	13,638	3/4		3/4		3/4		3/4	
11	2,120	11	4,434	11	6,747	11	9,060	11	11,373	11	13,687	11		11		11		11	
1/4	2,169	1/4	4,482	1/4	6,795	1/4	9,108	1/4	11,422	1/4	13,735	1/4		1/4		1/4		1/4	
1/2	2,217	1/2	4,530	1/2	6,843	1/2	9,156	1/2	11,470	1/2	13,783	1/2		1/2		1/2		1/2	
3/4	2,265	3/4	4,578	3/4	6,891	3/4	9,205	3/4	11,518	3/4	13,831	3/4		3/4		3/4		3/4	

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

STRAPPED: 07/18/2019  
CALCULATED: 07/18/2019  
PRINTED: 07/18/2019

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 27763"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-5/8	- 00-5/8	01-3/8	- 01-3/8	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/4	- 03-1/4	04-0/8	- 04-0/8
1 STBD	00-5/8	- 00-5/8	01-3/8	- 01-3/8	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-3/8	- 03-3/8	04-0/8	- 04-0/8
2 PORT	00-3/4	- 00-3/4	01-1/2	- 01-1/2	02-1/4	- 02-1/4	03-0/8	- 03-0/8	03-7/8	- 03-7/8	04-5/8	- 04-5/8
2 STBD	00-3/4	- 00-3/4	01-1/2	- 01-1/2	02-1/4	- 02-1/4	03-0/8	- 03-0/8	03-7/8	- 03-7/8	04-5/8	- 04-5/8
3 PORT	00-5/8	- 00-5/8	01-3/8	- 01-3/8	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-3/8	- 03-3/8	04-0/8	- 04-0/8
3 STBD	00-5/8	- 00-5/8	01-3/8	- 01-3/8	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/4	- 03-1/4	04-0/8	- 04-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 01-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-10 5/8"

LENGTH BETWEEN DRAFT MARKS: 104'-06"

March 4, 2009

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>







# BARGE "KIRBY 27763"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,547.26	0	2,180.87	0	1,814.48	0	1,448.12	0	1,082.94	0	718.42	0	362.51	0	45.82	0		0	
1/4	2,539.63	1/4	2,173.24	1/4	1,806.85	1/4	1,440.50	1/4	1,075.36	1/4	710.79	1/4	355.24	1/4	39.85	1/4		1/4	
1/2	2,531.99	1/2	2,165.61	1/2	1,799.21	1/2	1,432.89	1/2	1,067.79	1/2	703.15	1/2	348.06	1/2	34.34	1/2		1/2	
3/4	2,524.36	3/4	2,157.97	3/4	1,791.58	3/4	1,425.29	3/4	1,060.21	3/4	695.52	3/4	340.87	3/4	28.84	3/4		3/4	
1	2,516.73	1	2,150.34	1	1,783.95	1	1,417.68	1	1,052.64	1	687.88	1	333.68	1	23.33	1		1	
1/4	2,509.09	1/4	2,142.71	1/4	1,776.31	1/4	1,410.08	1/4	1,045.06	1/4	680.25	1/4	326.50	1/4	17.83	1/4		1/4	
1/2	2,501.46	1/2	2,135.07	1/2	1,768.68	1/2	1,402.47	1/2	1,037.49	1/2	672.62	1/2	319.38	1/2	14.27	1/2		1/2	
3/4	2,493.83	3/4	2,127.44	3/4	1,761.05	3/4	1,394.86	3/4	1,029.91	3/4	664.98	3/4	312.26	3/4	10.71	3/4		3/4	
2	2,486.20	2	2,119.81	2	1,753.41	2	1,387.26	2	1,022.33	2	657.35	2	305.14	2	7.15	2		2	
1/4	2,478.56	1/4	2,112.17	1/4	1,745.78	1/4	1,379.65	1/4	1,014.76	1/4	649.72	1/4	298.03	1/4	3.59	1/4		1/4	
1/2	2,470.93	1/2	2,104.54	1/2	1,738.15	1/2	1,372.05	1/2	1,007.18	1/2	642.08	1/2	290.99	1/2		1/2		1/2	
3/4	2,463.30	3/4	2,096.91	3/4	1,730.51	3/4	1,364.44	3/4	999.61	3/4	634.45	3/4	283.95	3/4		3/4		3/4	
3	2,455.66	3	2,089.27	3	1,722.88	3	1,356.83	3	992.03	3	626.82	3	276.91	3		3		3	
1/4	2,448.03	1/4	2,081.64	1/4	1,715.25	1/4	1,349.23	1/4	984.46	1/4	619.18	1/4	269.87	1/4		1/4		1/4	
1/2	2,440.40	1/2	2,074.01	1/2	1,707.61	1/2	1,341.62	1/2	976.88	1/2	611.55	1/2	262.92	1/2		1/2		1/2	
3/4	2,432.76	3/4	2,066.38	3/4	1,699.98	3/4	1,334.02	3/4	969.30	3/4	603.91	3/4	255.96	3/4		3/4		3/4	
4	2,425.13	4	2,058.74	4	1,692.35	4	1,326.41	4	961.73	4	596.28	4	249.01	4		4		4	
1/4	2,417.50	1/4	2,051.11	1/4	1,684.71	1/4	1,318.80	1/4	954.15	1/4	588.65	1/4	242.05	1/4		1/4		1/4	
1/2	2,409.86	1/2	2,043.48	1/2	1,677.08	1/2	1,311.20	1/2	946.58	1/2	581.01	1/2	235.18	1/2		1/2		1/2	
3/4	2,402.23	3/4	2,035.84	3/4	1,669.44	3/4	1,303.59	3/4	939.00	3/4	573.38	3/4	228.31	3/4		3/4		3/4	
5	2,394.60	5	2,028.21	5	1,661.81	5	1,295.98	5	931.42	5	565.74	5	221.44	5		5		5	
1/4	2,386.97	1/4	2,020.58	1/4	1,654.18	1/4	1,288.38	1/4	923.85	1/4	558.11	1/4	214.57	1/4		1/4		1/4	
1/2	2,379.33	1/2	2,012.94	1/2	1,646.54	1/2	1,280.76	1/2	916.27	1/2	550.48	1/2	207.80	1/2		1/2		1/2	
3/4	2,371.70	3/4	2,005.31	3/4	1,638.91	3/4	1,273.14	3/4	908.70	3/4	542.84	3/4	201.02	3/4		3/4		3/4	
6	2,364.07	6	1,997.68	6	1,631.28	6	1,265.52	6	901.12	6	535.21	6	194.24	6		6		6	
1/4	2,356.43	1/4	1,990.04	1/4	1,623.64	1/4	1,257.90	1/4	893.55	1/4	527.57	1/4	187.46	1/4		1/4		1/4	
1/2	2,348.80	1/2	1,982.41	1/2	1,616.01	1/2	1,250.26	1/2	885.97	1/2	520.16	1/2	180.79	1/2		1/2		1/2	
3/4	2,341.17	3/4	1,974.78	3/4	1,608.38	3/4	1,242.63	3/4	878.39	3/4	512.75	3/4	174.11	3/4		3/4		3/4	
7	2,333.53	7	1,967.15	7	1,600.74	7	1,234.99	7	870.81	7	505.34	7	167.43	7		7		7	
1/4	2,325.90	1/4	1,959.51	1/4	1,593.11	1/4	1,227.36	1/4	863.23	1/4	497.93	1/4	160.75	1/4		1/4		1/4	
1/2	2,318.27	1/2	1,951.88	1/2	1,585.48	1/2	1,219.73	1/2	855.64	1/2	490.99	1/2	154.17	1/2		1/2		1/2	
3/4	2,310.63	3/4	1,944.25	3/4	1,577.84	3/4	1,212.09	3/4	848.05	3/4	484.05	3/4	147.58	3/4		3/4		3/4	
8	2,303.00	8	1,936.61	8	1,570.21	8	1,204.46	8	840.46	8	477.11	8	141.00	8		8		8	
1/4	2,295.37	1/4	1,928.98	1/4	1,562.58	1/4	1,196.82	1/4	832.87	1/4	470.17	1/4	134.42	1/4		1/4		1/4	
1/2	2,287.73	1/2	1,921.35	1/2	1,554.94	1/2	1,189.20	1/2	825.25	1/2	463.29	1/2	128.14	1/2		1/2		1/2	
3/4	2,280.10	3/4	1,913.71	3/4	1,547.31	3/4	1,181.58	3/4	817.63	3/4	456.42	3/4	121.87	3/4		3/4		3/4	
9	2,272.47	9	1,906.08	9	1,539.68	9	1,173.97	9	810.01	9	449.54	9	115.59	9		9		9	
1/4	2,264.84	1/4	1,898.45	1/4	1,532.04	1/4	1,166.35	1/4	802.39	1/4	442.66	1/4	109.32	1/4		1/4		1/4	
1/2	2,257.20	1/2	1,890.81	1/2	1,524.41	1/2	1,158.75	1/2	794.76	1/2	435.43	1/2	103.57	1/2		1/2		1/2	
3/4	2,249.57	3/4	1,883.18	3/4	1,516.78	3/4	1,151.16	3/4	787.12	3/4	428.20	3/4	97.83	3/4		3/4		3/4	
10	2,241.94	10	1,875.55	10	1,509.14	10	1,143.57	10	779.49	10	420.96	10	92.08	10		10		10	
1/4	2,234.30	1/4	1,867.91	1/4	1,501.51	1/4	1,135.98	1/4	771.86	1/4	413.73	1/4	86.34	1/4		1/4		1/4	
1/2	2,226.67	1/2	1,860.28	1/2	1,493.88	1/2	1,128.40	1/2	764.22	1/2	406.37	1/2	80.69	1/2		1/2		1/2	
3/4	2,219.04	3/4	1,852.65	3/4	1,486.24	3/4	1,120.82	3/4	756.59	3/4	399.02	3/4	75.05	3/4		3/4		3/4	
11	2,211.40	11	1,845.01	11	1,478.61	11	1,113.25	11	748.95	11	391.66	11	69.40	11		11		11	
1/4	2,203.77	1/4	1,837.38	1/4	1,470.98	1/4	1,105.67	1/4	741.32	1/4	384.30	1/4	63.75	1/4		1/4		1/4	
1/2	2,196.14	1/2	1,829.75	1/2	1,463.36	1/2	1,098.09	1/2	733.69	1/2	377.04	1/2	57.78	1/2		1/2		1/2	
3/4	2,188.50	3/4	1,822.11	3/4	1,455.74	3/4	1,090.52	3/4	726.05	3/4	369.77	3/4	51.80	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2009 CL - SW  
CALCULATED: 03/04/2009 CL  
PRINTED: 03/04/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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



# BARGE "KIRBY 27763"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	4,673.44	0	4,353.54	0	4,009.46	0	3,646.07	0	3,279.86	0	2,913.65
1/4		1/4		1/4		1/4		1/4	4,666.73	1/4	4,346.68	1/4	4,002.06	1/4	3,638.44	1/4	3,272.23	1/4	2,906.02
1/2		1/2		1/2		1/2		1/2	4,660.26	1/2	4,339.77	1/2	3,994.64	1/2	3,630.81	1/2	3,264.60	1/2	2,898.39
3/4		3/4		3/4		3/4		3/4	4,653.79	3/4	4,332.87	3/4	3,987.21	3/4	3,623.18	3/4	3,256.97	3/4	2,890.76
1		1		1		1		1	4,647.33	1	4,325.96	1	3,979.78	1	3,615.55	1	3,249.34	1	2,883.13
1/4		1/4		1/4		1/4		1/4	4,640.86	1/4	4,319.06	1/4	3,972.35	1/4	3,607.93	1/4	3,241.71	1/4	2,875.50
1/2		1/2		1/2		1/2		1/2	4,634.36	1/2	4,312.09	1/2	3,964.88	1/2	3,600.30	1/2	3,234.08	1/2	2,867.87
3/4		3/4		3/4		3/4		3/4	4,627.85	3/4	4,305.13	3/4	3,957.42	3/4	3,592.67	3/4	3,226.46	3/4	2,860.24
2		2		2		2		2	4,621.35	2	4,298.17	2	3,949.95	2	3,585.04	2	3,218.83	2	2,852.61
1/4		1/4		1/4		1/4		1/4	4,614.85	1/4	4,291.20	1/4	3,942.49	1/4	3,577.41	1/4	3,211.20	1/4	2,844.99
1/2		1/2		1/2		1/2		1/2	4,608.31	1/2	4,284.16	1/2	3,934.98	1/2	3,569.78	1/2	3,203.57	1/2	2,837.36
3/4		3/4		3/4		3/4		3/4	4,601.77	3/4	4,277.12	3/4	3,927.48	3/4	3,562.15	3/4	3,195.94	3/4	2,829.73
3		3		3		3		3	4,595.23	3	4,270.07	3	3,919.98	3	3,554.52	3	3,188.31	3	2,822.10
1/4		1/4		1/4		1/4		1/4	4,588.68	1/4	4,263.03	1/4	3,912.47	1/4	3,546.89	1/4	3,180.68	1/4	2,814.47
1/2		1/2		1/2		1/2		1/2	4,582.11	1/2	4,255.93	1/2	3,904.93	1/2	3,539.26	1/2	3,173.05	1/2	2,806.84
3/4		3/4		3/4		3/4		3/4	4,575.53	3/4	4,248.83	3/4	3,897.39	3/4	3,531.63	3/4	3,165.42	3/4	2,799.21
4		4		4		4		4	4,568.95	4	4,241.72	4	3,889.85	4	3,524.00	4	3,157.79	4	2,791.58
1/4		1/4		1/4		1/4		1/4	4,562.37	1/4	4,234.62	1/4	3,882.31	1/4	3,516.37	1/4	3,150.16	1/4	2,783.95
1/2		1/2		1/2		1/2		1/2	4,555.76	1/2	4,227.48	1/2	3,874.73	1/2	3,508.74	1/2	3,142.53	1/2	2,776.32
3/4		3/4		3/4		3/4		3/4	4,549.14	3/4	4,220.34	3/4	3,867.15	3/4	3,501.11	3/4	3,134.90	3/4	2,768.69
5		5		5		5		5	4,542.53	5	4,213.21	5	3,859.57	5	3,493.48	5	3,127.27	5	2,761.06
1/4		1/4		1/4		1/4		1/4	4,535.91	1/4	4,206.07	1/4	3,852.00	1/4	3,485.86	1/4	3,119.64	1/4	2,753.43
1/2		1/2		1/2		1/2		1/2	4,529.26	1/2	4,198.89	1/2	3,844.39	1/2	3,478.23	1/2	3,112.01	1/2	2,745.80
3/4		3/4		3/4		3/4		3/4	4,522.60	3/4	4,191.71	3/4	3,836.78	3/4	3,470.60	3/4	3,104.39	3/4	2,738.17
6		6		6		6		6	4,515.95	6	4,184.54	6	3,829.17	6	3,462.97	6	3,096.76	6	2,730.54
1/4		1/4		1/4		1/4		1/4	4,509.30	1/4	4,177.36	1/4	3,821.56	1/4	3,455.34	1/4	3,089.13	1/4	2,722.92
1/2		1/2		1/2		1/2		1/2	4,502.61	1/2	4,170.15	1/2	3,813.93	1/2	3,447.71	1/2	3,081.50	1/2	2,715.29
3/4		3/4		3/4		3/4		3/4	4,495.92	3/4	4,162.93	3/4	3,806.29	3/4	3,440.08	3/4	3,073.87	3/4	2,707.66
7		7		7		7		7	4,489.23	7	4,155.72	7	3,798.66	7	3,432.45	7	3,066.24	7	2,700.03
1/4		1/4		1/4		1/4	4,810.03	1/4	4,482.55	1/4	4,148.51	1/4	3,791.03	1/4	3,424.82	1/4	3,058.61	1/4	2,692.40
1/2		1/2		1/2		1/2	4,803.19	1/2	4,475.83	1/2	4,141.26	1/2	3,783.40	1/2	3,417.19	1/2	3,050.98	1/2	2,684.77
3/4		3/4		3/4		3/4	4,796.36	3/4	4,469.11	3/4	4,134.00	3/4	3,775.77	3/4	3,409.56	3/4	3,043.35	3/4	2,677.14
8		8		8		8	4,789.53	8	4,462.38	8	4,126.75	8	3,768.14	8	3,401.93	8	3,035.72	8	2,669.51
1/4		1/4		1/4		1/4	4,782.70	1/4	4,455.66	1/4	4,119.50	1/4	3,760.51	1/4	3,394.30	1/4	3,028.09	1/4	2,661.88
1/2		1/2		1/2		1/2	4,775.24	1/2	4,448.91	1/2	4,112.21	1/2	3,752.88	1/2	3,386.67	1/2	3,020.46	1/2	2,654.25
3/4		3/4		3/4		3/4	4,767.77	3/4	4,442.15	3/4	4,104.92	3/4	3,745.25	3/4	3,379.04	3/4	3,012.83	3/4	2,646.62
9		9		9		9	4,760.30	9	4,435.40	9	4,097.64	9	3,737.63	9	3,371.41	9	3,005.20	9	2,638.99
1/4		1/4		1/4		1/4	4,752.84	1/4	4,428.64	1/4	4,090.35	1/4	3,730.00	1/4	3,363.78	1/4	2,997.57	1/4	2,631.36
1/2		1/2		1/2		1/2	4,745.29	1/2	4,421.85	1/2	4,083.02	1/2	3,722.37	1/2	3,356.16	1/2	2,989.94	1/2	2,623.73
3/4		3/4		3/4		3/4	4,737.75	3/4	4,415.06	3/4	4,075.70	3/4	3,714.74	3/4	3,348.53	3/4	2,982.31	3/4	2,616.10
10		10		10		10	4,730.20	10	4,408.26	10	4,068.38	10	3,707.11	10	3,340.90	10	2,974.69	10	2,608.47
1/4		1/4		1/4		1/4	4,722.66	1/4	4,401.47	1/4	4,061.05	1/4	3,699.48	1/4	3,333.27	1/4	2,967.06	1/4	2,600.84
1/2		1/2		1/2		1/2	4,715.39	1/2	4,394.64	1/2	4,053.70	1/2	3,691.85	1/2	3,325.64	1/2	2,959.43	1/2	2,593.22
3/4		3/4		3/4		3/4	4,708.13	3/4	4,387.81	3/4	4,046.34	3/4	3,684.22	3/4	3,318.01	3/4	2,951.80	3/4	2,585.59
11		11		11		11	4,700.86	11	4,380.98	11	4,038.99	11	3,676.59	11	3,310.38	11	2,944.17	11	2,577.96
1/4		1/4		1/4		1/4	4,693.59	1/4	4,374.15	1/4	4,031.63	1/4	3,668.96	1/4	3,302.75	1/4	2,936.54	1/4	2,570.33
1/2		1/2		1/2		1/2	4,686.88	1/2	4,367.28	1/2	4,024.24	1/2	3,661.33	1/2	3,295.12	1/2	2,928.91	1/2	2,562.70
3/4		3/4		3/4		3/4	4,680.16	3/4	4,360.41	3/4	4,016.85	3/4	3,653.70	3/4	3,287.49	3/4	2,921.28	3/4	2,555.07

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 57'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27763"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,547.44	0	2,181.23	0	1,815.01	0	1,448.82	0	1,083.44	0	718.08	0	362.34	0	45.80	0		0	
1/4	2,539.81	1/4	2,173.60	1/4	1,807.38	1/4	1,441.21	1/4	1,075.84	1/4	710.45	1/4	355.08	1/4	39.83	1/4		1/4	
1/2	2,532.18	1/2	2,165.97	1/2	1,799.75	1/2	1,433.61	1/2	1,068.24	1/2	702.82	1/2	347.89	1/2	34.32	1/2		1/2	
3/4	2,524.55	3/4	2,158.34	3/4	1,792.12	3/4	1,426.00	3/4	1,060.64	3/4	695.19	3/4	340.71	3/4	28.82	3/4		3/4	
1	2,516.92	1	2,150.71	1	1,784.49	1	1,418.40	1	1,053.04	1	687.56	1	333.52	1	23.32	1		1	
1/4	2,509.29	1/4	2,143.08	1/4	1,776.86	1/4	1,410.80	1/4	1,045.44	1/4	679.93	1/4	326.34	1/4	17.82	1/4		1/4	
1/2	2,501.66	1/2	2,135.45	1/2	1,769.23	1/2	1,403.20	1/2	1,037.83	1/2	672.30	1/2	319.23	1/2	14.26	1/2		1/2	
3/4	2,494.03	3/4	2,127.82	3/4	1,761.60	3/4	1,395.60	3/4	1,030.23	3/4	664.67	3/4	312.11	3/4	10.70	3/4		3/4	
2	2,486.40	2	2,120.19	2	1,753.97	2	1,387.99	2	1,022.63	2	657.04	2	305.00	2	7.14	2		2	
1/4	2,478.77	1/4	2,112.56	1/4	1,746.34	1/4	1,380.39	1/4	1,015.03	1/4	649.41	1/4	297.89	1/4	3.59	1/4		1/4	
1/2	2,471.14	1/2	2,104.93	1/2	1,738.71	1/2	1,372.79	1/2	1,007.43	1/2	641.78	1/2	290.85	1/2		1/2		1/2	
3/4	2,463.52	3/4	2,097.30	3/4	1,731.08	3/4	1,365.19	3/4	999.83	3/4	634.15	3/4	283.81	3/4		3/4		3/4	
3	2,455.89	3	2,089.67	3	1,723.45	3	1,357.58	3	992.23	3	626.52	3	276.78	3		3		3	
1/4	2,448.26	1/4	2,082.05	1/4	1,715.82	1/4	1,349.98	1/4	984.63	1/4	618.89	1/4	269.74	1/4		1/4		1/4	
1/2	2,440.63	1/2	2,074.42	1/2	1,708.19	1/2	1,342.38	1/2	977.03	1/2	611.26	1/2	262.79	1/2		1/2		1/2	
3/4	2,433.00	3/4	2,066.79	3/4	1,700.56	3/4	1,334.78	3/4	969.42	3/4	603.63	3/4	255.84	3/4		3/4		3/4	
4	2,425.37	4	2,059.16	4	1,692.93	4	1,327.17	4	961.82	4	596.00	4	248.89	4		4		4	
1/4	2,417.74	1/4	2,051.53	1/4	1,685.30	1/4	1,319.57	1/4	954.22	1/4	588.37	1/4	241.94	1/4		1/4		1/4	
1/2	2,410.11	1/2	2,043.90	1/2	1,677.67	1/2	1,311.97	1/2	946.62	1/2	580.74	1/2	235.07	1/2		1/2		1/2	
3/4	2,402.48	3/4	2,036.27	3/4	1,670.04	3/4	1,304.36	3/4	939.02	3/4	573.11	3/4	228.20	3/4		3/4		3/4	
5	2,394.85	5	2,028.64	5	1,662.41	5	1,296.76	5	931.42	5	565.48	5	221.34	5		5		5	
1/4	2,387.22	1/4	2,021.01	1/4	1,654.78	1/4	1,289.16	1/4	923.82	1/4	557.84	1/4	214.47	1/4		1/4		1/4	
1/2	2,379.59	1/2	2,013.38	1/2	1,647.16	1/2	1,281.54	1/2	916.22	1/2	550.21	1/2	207.70	1/2		1/2		1/2	
3/4	2,371.96	3/4	2,005.75	3/4	1,639.53	3/4	1,273.92	3/4	908.61	3/4	542.58	3/4	200.92	3/4		3/4		3/4	
6	2,364.33	6	1,998.12	6	1,631.90	6	1,266.31	6	901.01	6	534.95	6	194.15	6		6		6	
1/4	2,356.70	1/4	1,990.49	1/4	1,624.27	1/4	1,258.69	1/4	893.41	1/4	527.32	1/4	187.37	1/4		1/4		1/4	
1/2	2,349.07	1/2	1,982.86	1/2	1,616.64	1/2	1,251.06	1/2	885.81	1/2	519.92	1/2	180.70	1/2		1/2		1/2	
3/4	2,341.45	3/4	1,975.23	3/4	1,609.01	3/4	1,243.43	3/4	878.21	3/4	512.51	3/4	174.02	3/4		3/4		3/4	
7	2,333.82	7	1,967.60	7	1,601.38	7	1,235.80	7	870.60	7	505.10	7	167.35	7		7		7	
1/4	2,326.19	1/4	1,959.97	1/4	1,593.75	1/4	1,228.17	1/4	863.00	1/4	497.70	1/4	160.67	1/4		1/4		1/4	
1/2	2,318.56	1/2	1,952.34	1/2	1,586.12	1/2	1,220.54	1/2	855.38	1/2	490.76	1/2	154.09	1/2		1/2		1/2	
3/4	2,310.93	3/4	1,944.71	3/4	1,578.49	3/4	1,212.91	3/4	847.76	3/4	483.82	3/4	147.51	3/4		3/4		3/4	
8	2,303.30	8	1,937.08	8	1,570.86	8	1,205.28	8	840.15	8	476.88	8	140.93	8		8		8	
1/4	2,295.67	1/4	1,929.45	1/4	1,563.23	1/4	1,197.65	1/4	832.53	1/4	469.95	1/4	134.35	1/4		1/4		1/4	
1/2	2,288.04	1/2	1,921.82	1/2	1,555.60	1/2	1,190.02	1/2	824.90	1/2	463.07	1/2	128.08	1/2		1/2		1/2	
3/4	2,280.41	3/4	1,914.19	3/4	1,547.97	3/4	1,182.39	3/4	817.27	3/4	456.20	3/4	121.81	3/4		3/4		3/4	
9	2,272.78	9	1,906.56	9	1,540.34	9	1,174.76	9	809.64	9	449.33	9	115.54	9		9		9	
1/4	2,265.15	1/4	1,898.94	1/4	1,532.71	1/4	1,167.13	1/4	802.01	1/4	442.45	1/4	109.26	1/4		1/4		1/4	
1/2	2,257.52	1/2	1,891.31	1/2	1,525.08	1/2	1,159.51	1/2	794.38	1/2	435.22	1/2	103.52	1/2		1/2		1/2	
3/4	2,249.89	3/4	1,883.68	3/4	1,517.45	3/4	1,151.89	3/4	786.75	3/4	427.99	3/4	97.78	3/4		3/4		3/4	
10	2,242.26	10	1,876.05	10	1,509.82	10	1,144.27	10	779.12	10	420.76	10	92.04	10		10		10	
1/4	2,234.63	1/4	1,868.42	1/4	1,502.19	1/4	1,136.66	1/4	771.49	1/4	413.53	1/4	86.30	1/4		1/4		1/4	
1/2	2,227.00	1/2	1,860.79	1/2	1,494.56	1/2	1,129.05	1/2	763.86	1/2	406.18	1/2	80.65	1/2		1/2		1/2	
3/4	2,219.37	3/4	1,853.16	3/4	1,486.93	3/4	1,121.45	3/4	756.23	3/4	398.83	3/4	75.01	3/4		3/4		3/4	
11	2,211.75	11	1,845.53	11	1,479.30	11	1,113.85	11	748.60	11	391.47	11	69.37	11		11		11	
1/4	2,204.12	1/4	1,837.90	1/4	1,471.67	1/4	1,106.25	1/4	740.97	1/4	384.12	1/4	63.72	1/4		1/4		1/4	
1/2	2,196.49	1/2	1,830.27	1/2	1,464.06	1/2	1,098.64	1/2	733.34	1/2	376.86	1/2	57.75	1/2		1/2		1/2	
3/4	2,188.86	3/4	1,822.64	3/4	1,456.44	3/4	1,091.04	3/4	725.71	3/4	369.60	3/4	51.77	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2009 CL - SW  
CALCULATED: 03/04/2009 CL  
PRINTED: 03/04/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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



# BARGE "KIRBY 27763"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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		
									4,689.03		4,371.40		4,029.72		3,668.91		3,305.25		2,941.60		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,682.36	1/4	4,364.58	1/4	4,022.38	1/4	3,661.33	1/4	3,297.68	1/4	2,934.02		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,675.94	1/2	4,357.72	1/2	4,015.01	1/2	3,653.75	1/2	3,290.10	1/2	2,926.45		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,669.52	3/4	4,350.87	3/4	4,007.63	3/4	3,646.18	3/4	3,282.52	3/4	2,918.87		
<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>	<b>4,663.10</b>	<b>1</b>	<b>4,344.01</b>	<b>1</b>	<b>4,000.25</b>	<b>1</b>	<b>3,638.60</b>	<b>1</b>	<b>3,274.95</b>	<b>1</b>	<b>2,911.30</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,656.68	1/4	4,337.16	1/4	3,992.88	1/4	3,631.03	1/4	3,267.37	1/4	2,903.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,650.22	1/2	4,330.24	1/2	3,985.46	1/2	3,623.45	1/2	3,259.80	1/2	2,896.14		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,643.77	3/4	4,323.33	3/4	3,978.05	3/4	3,615.87	3/4	3,252.22	3/4	2,888.57		
<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>	<b>4,637.31</b>	<b>2</b>	<b>4,316.41</b>	<b>2</b>	<b>3,970.64</b>	<b>2</b>	<b>3,608.30</b>	<b>2</b>	<b>3,244.64</b>	<b>2</b>	<b>2,880.99</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,630.85	1/4	4,309.50	1/4	3,963.22	1/4	3,600.72	1/4	3,237.07	1/4	2,873.42		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,624.36	1/2	4,302.50	1/2	3,955.77	1/2	3,593.14	1/2	3,229.49	1/2	2,865.84		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,617.86	3/4	4,295.51	3/4	3,948.32	3/4	3,585.57	3/4	3,221.92	3/4	2,858.26		
<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>	<b>4,611.37</b>	<b>3</b>	<b>4,288.52</b>	<b>3</b>	<b>3,940.87</b>	<b>3</b>	<b>3,577.99</b>	<b>3</b>	<b>3,214.34</b>	<b>3</b>	<b>2,850.69</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,604.87	1/4	4,281.52	1/4	3,933.42	1/4	3,570.42	1/4	3,206.76	1/4	2,843.11		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,598.34	1/2	4,274.47	1/2	3,925.93	1/2	3,562.84	1/2	3,199.19	1/2	2,835.53		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,591.81	3/4	4,267.42	3/4	3,918.44	3/4	3,555.26	3/4	3,191.61	3/4	2,827.96		
<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>	<b>4,585.28</b>	<b>4</b>	<b>4,260.37</b>	<b>4</b>	<b>3,910.96</b>	<b>4</b>	<b>3,547.69</b>	<b>4</b>	<b>3,184.04</b>	<b>4</b>	<b>2,820.38</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,578.75	1/4	4,253.32	1/4	3,903.47	1/4	3,540.11	1/4	3,176.46	1/4	2,812.81		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,572.18	1/2	4,246.23	1/2	3,895.94	1/2	3,532.54	1/2	3,168.88	1/2	2,805.23		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,565.61	3/4	4,239.14	3/4	3,888.42	3/4	3,524.96	3/4	3,161.31	3/4	2,797.65		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,559.04</b>	<b>5</b>	<b>4,232.05</b>	<b>5</b>	<b>3,880.89</b>	<b>5</b>	<b>3,517.38</b>	<b>5</b>	<b>3,153.73</b>	<b>5</b>	<b>2,790.08</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,552.47	1/4	4,224.96	1/4	3,873.37	1/4	3,509.81	1/4	3,146.15	1/4	2,782.50		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,545.87	1/2	4,217.83	1/2	3,865.81	1/2	3,502.23	1/2	3,138.58	1/2	2,774.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,539.26	3/4	4,210.71	3/4	3,858.26	3/4	3,494.66	3/4	3,131.00	3/4	2,767.35		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,532.66</b>	<b>6</b>	<b>4,203.58</b>	<b>6</b>	<b>3,850.70</b>	<b>6</b>	<b>3,487.08</b>	<b>6</b>	<b>3,123.43</b>	<b>6</b>	<b>2,759.77</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,526.05	1/4	4,196.45	1/4	3,843.14	1/4	3,479.50	1/4	3,115.85	1/4	2,752.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,519.41	1/2	4,189.29	1/2	3,835.57	1/2	3,471.93	1/2	3,108.27	1/2	2,744.62		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,512.77	3/4	4,182.13	3/4	3,828.00	3/4	3,464.35	3/4	3,100.70	3/4	2,737.05		
<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>	<b>4,506.13</b>	<b>7</b>	<b>4,174.96</b>	<b>7</b>	<b>3,820.42</b>	<b>7</b>	<b>3,456.78</b>	<b>7</b>	<b>3,093.12</b>	<b>7</b>	<b>2,729.47</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,824.64	1/4	4,499.49	1/4	4,167.80	1/4	3,812.85	1/4	3,449.20	1/4	3,085.55	1/4	2,721.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,817.86	1/2	4,492.82	1/2	4,160.60	1/2	3,805.28	1/2	3,441.62	1/2	3,077.97	1/2	2,714.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,811.08	3/4	4,486.14	3/4	4,153.40	3/4	3,797.70	3/4	3,434.05	3/4	3,070.39	3/4	2,706.74
<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>	<b>4,804.30</b>	<b>8</b>	<b>4,479.47</b>	<b>8</b>	<b>4,146.20</b>	<b>8</b>	<b>3,790.12</b>	<b>8</b>	<b>3,426.47</b>	<b>8</b>	<b>3,062.82</b>	<b>8</b>	<b>2,699.17</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,797.52	1/4	4,472.80	1/4	4,139.00	1/4	3,782.55	1/4	3,418.89	1/4	3,055.24	1/4	2,691.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,790.10	1/2	4,466.09	1/2	4,131.76	1/2	3,774.97	1/2	3,411.32	1/2	3,047.67	1/2	2,684.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,782.69	3/4	4,459.38	3/4	4,124.53	3/4	3,767.40	3/4	3,403.74	3/4	3,040.09	3/4	2,676.44
<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>	<b>4,775.28</b>	<b>9</b>	<b>4,452.67</b>	<b>9</b>	<b>4,117.29</b>	<b>9</b>	<b>3,759.82</b>	<b>9</b>	<b>3,396.17</b>	<b>9</b>	<b>3,032.51</b>	<b>9</b>	<b>2,668.86</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,767.86	1/4	4,445.96	1/4	4,110.05	1/4	3,752.24	1/4	3,388.59	1/4	3,024.94	1/4	2,661.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,760.37	1/2	4,439.22	1/2	4,102.78	1/2	3,744.67	1/2	3,381.01	1/2	3,017.36	1/2	2,653.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,752.88	3/4	4,432.47	3/4	4,095.51	3/4	3,737.09	3/4	3,373.44	3/4	3,009.79	3/4	2,646.13
<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>	<b>4,745.39</b>	<b>10</b>	<b>4,425.73</b>	<b>10</b>	<b>4,088.23</b>	<b>10</b>	<b>3,729.51</b>	<b>10</b>	<b>3,365.86</b>	<b>10</b>	<b>3,002.21</b>	<b>10</b>	<b>2,638.56</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,737.90	1/4	4,418.99	1/4	4,080.96	1/4	3,721.94	1/4	3,358.29	1/4	3,004.63	1/4	2,630.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,730.68	1/2	4,412.20	1/2	4,073.66	1/2	3,714.36	1/2	3,350.71	1/2	2,987.06	1/2	2,623.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,723.47	3/4	4,405.42	3/4	4,066.35	3/4	3,706.79	3/4	3,343.13	3/4	2,979.48	3/4	2,615.83
<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>	<b>4,716.25</b>	<b>11</b>	<b>4,398.64</b>	<b>11</b>	<b>4,059.05</b>	<b>11</b>	<b>3,699.21</b>	<b>11</b>	<b>3,335.56</b>	<b>11</b>	<b>2,971.90</b>	<b>11</b>	<b>2,608.25</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,709.04	1/4	4,391.86	1/4	4,051.74	1/4	3,691.63	1/4	3,327.98	1/4	2,964.33	1/4	2,600.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,702.37	1/2	4,385.04	1/2	4,044.40	1/2	3,684.06	1/2	3,320.41	1/2	2,956.75	1/2	2,593.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,695.70	3/4	4,378.22	3/4	4,037.06	3/4	3,676.48	3/4	3,312.83	3/4	2,949.18	3/4	2,585.52

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 59'-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 27763"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,577.95	0	2,214.29	0	1,850.64	0	1,487.78	0	1,131.34	0	780.29	0	423.97	0	68.29	0		0	
1/4	2,570.37	1/4	2,206.72	1/4	1,843.06	1/4	1,480.37	1/4	1,124.09	1/4	772.71	1/4	416.42	1/4	61.01	1/4		1/4	
1/2	2,562.80	1/2	2,199.14	1/2	1,835.49	1/2	1,472.96	1/2	1,116.85	1/2	765.13	1/2	408.87	1/2	54.12	1/2		1/2	
3/4	2,555.22	3/4	2,191.57	3/4	1,827.91	3/4	1,465.54	3/4	1,109.60	3/4	757.56	3/4	401.31	3/4	47.22	3/4		3/4	
1	2,547.64	1	2,183.99	1	1,820.33	1	1,458.13	1	1,102.35	1	749.98	1	393.76	1	40.33	1		1	
1/4	2,540.07	1/4	2,176.41	1/4	1,812.76	1/4	1,450.71	1/4	1,095.11	1/4	742.40	1/4	386.21	1/4	33.44	1/4		1/4	
1/2	2,532.49	1/2	2,168.84	1/2	1,805.18	1/2	1,443.30	1/2	1,087.86	1/2	734.83	1/2	378.64	1/2	28.39	1/2		1/2	
3/4	2,524.91	3/4	2,161.26	3/4	1,797.61	3/4	1,435.88	3/4	1,080.61	3/4	727.25	3/4	371.07	3/4	23.34	3/4		3/4	
2	2,517.34	2	2,153.69	2	1,790.03	2	1,428.47	2	1,073.37	2	719.67	2	363.50	2	18.29	2		2	
1/4	2,509.76	1/4	2,146.11	1/4	1,782.45	1/4	1,421.05	1/4	1,066.12	1/4	712.10	1/4	355.93	1/4	13.24	1/4		1/4	
1/2	2,502.19	1/2	2,138.53	1/2	1,774.88	1/2	1,413.64	1/2	1,058.87	1/2	704.52	1/2	348.36	1/2		1/2		1/2	
3/4	2,494.61	3/4	2,130.96	3/4	1,767.30	3/4	1,406.23	3/4	1,051.63	3/4	696.94	3/4	340.78	3/4		3/4		3/4	
3	2,487.03	3	2,123.38	3	1,759.72	3	1,398.81	3	1,044.38	3	689.37	3	333.20	3		3		3	
1/4	2,479.46	1/4	2,115.81	1/4	1,752.15	1/4	1,391.40	1/4	1,037.13	1/4	681.79	1/4	325.63	1/4		1/4		1/4	
1/2	2,471.88	1/2	2,108.23	1/2	1,744.57	1/2	1,383.98	1/2	1,029.89	1/2	674.21	1/2	318.05	1/2		1/2		1/2	
3/4	2,464.31	3/4	2,100.65	3/4	1,736.99	3/4	1,376.57	3/4	1,022.64	3/4	666.64	3/4	310.48	3/4		3/4		3/4	
4	2,456.73	4	2,093.08	4	1,729.42	4	1,369.15	4	1,015.39	4	659.06	4	302.90	4		4		4	
1/4	2,449.15	1/4	2,085.50	1/4	1,721.84	1/4	1,361.74	1/4	1,008.15	1/4	651.48	1/4	295.32	1/4		1/4		1/4	
1/2	2,441.58	1/2	2,077.92	1/2	1,714.26	1/2	1,354.24	1/2	1,000.90	1/2	643.91	1/2	287.75	1/2		1/2		1/2	
3/4	2,434.00	3/4	2,070.35	3/4	1,706.69	3/4	1,346.74	3/4	993.65	3/4	636.33	3/4	280.17	3/4		3/4		3/4	
5	2,426.43	5	2,062.77	5	1,699.11	5	1,339.25	5	986.41	5	628.75	5	272.60	5		5		5	
1/4	2,418.85	1/4	2,055.20	1/4	1,691.54	1/4	1,331.75	1/4	979.16	1/4	621.17	1/4	265.02	1/4		1/4		1/4	
1/2	2,411.27	1/2	2,047.62	1/2	1,683.96	1/2	1,324.18	1/2	971.91	1/2	613.60	1/2	257.45	1/2		1/2		1/2	
3/4	2,403.70	3/4	2,040.04	3/4	1,676.38	3/4	1,316.60	3/4	964.67	3/4	606.02	3/4	249.88	3/4		3/4		3/4	
6	2,396.12	6	2,032.47	6	1,668.81	6	1,309.02	6	957.42	6	598.44	6	242.32	6		6		6	
1/4	2,388.54	1/4	2,024.89	1/4	1,661.23	1/4	1,301.45	1/4	950.17	1/4	590.87	1/4	234.75	1/4		1/4		1/4	
1/2	2,380.97	1/2	2,017.32	1/2	1,653.65	1/2	1,293.87	1/2	942.93	1/2	583.51	1/2	227.19	1/2		1/2		1/2	
3/4	2,373.39	3/4	2,009.74	3/4	1,646.08	3/4	1,286.29	3/4	935.68	3/4	576.16	3/4	219.64	3/4		3/4		3/4	
7	2,365.82	7	2,002.17	7	1,638.50	7	1,278.71	7	928.43	7	568.81	7	212.08	7		7		7	
1/4	2,358.24	1/4	1,994.59	1/4	1,630.92	1/4	1,271.14	1/4	921.18	1/4	561.45	1/4	204.53	1/4		1/4		1/4	
1/2	2,350.66	1/2	1,987.02	1/2	1,623.35	1/2	1,263.56	1/2	913.92	1/2	554.55	1/2	196.99	1/2		1/2		1/2	
3/4	2,343.09	3/4	1,979.44	3/4	1,615.77	3/4	1,255.98	3/4	906.65	3/4	547.64	3/4	189.44	3/4		3/4		3/4	
8	2,335.51	8	1,971.86	8	1,608.20	8	1,248.41	8	899.39	8	540.74	8	181.90	8		8		8	
1/4	2,327.94	1/4	1,964.29	1/4	1,600.62	1/4	1,240.83	1/4	892.13	1/4	533.83	1/4	174.35	1/4		1/4		1/4	
1/2	2,320.36	1/2	1,956.71	1/2	1,593.04	1/2	1,233.40	1/2	884.85	1/2	526.93	1/2	167.03	1/2		1/2		1/2	
3/4	2,312.78	3/4	1,949.13	3/4	1,585.47	3/4	1,225.98	3/4	877.58	3/4	520.02	3/4	159.71	3/4		3/4		3/4	
9	2,305.21	9	1,941.56	9	1,577.89	9	1,218.55	9	870.30	9	513.12	9	152.39	9		9		9	
1/4	2,297.63	1/4	1,933.98	1/4	1,570.31	1/4	1,211.12	1/4	863.03	1/4	506.21	1/4	145.07	1/4		1/4		1/4	
1/2	2,290.06	1/2	1,926.40	1/2	1,562.74	1/2	1,203.86	1/2	855.60	1/2	498.87	1/2	138.20	1/2		1/2		1/2	
3/4	2,282.48	3/4	1,918.83	3/4	1,555.16	3/4	1,196.60	3/4	848.18	3/4	491.52	3/4	131.32	3/4		3/4		3/4	
10	2,274.90	10	1,911.25	10	1,547.58	10	1,189.33	10	840.75	10	484.17	10	124.45	10		10		10	
1/4	2,267.33	1/4	1,903.67	1/4	1,540.01	1/4	1,182.07	1/4	833.32	1/4	476.83	1/4	117.57	1/4		1/4		1/4	
1/2	2,259.75	1/2	1,896.10	1/2	1,532.51	1/2	1,174.82	1/2	825.75	1/2	469.27	1/2	110.71	1/2		1/2		1/2	
3/4	2,252.18	3/4	1,888.52	3/4	1,525.02	3/4	1,167.58	3/4	818.17	3/4	461.72	3/4	103.85	3/4		3/4		3/4	
11	2,244.60	11	1,880.95	11	1,517.52	11	1,160.33	11	810.59	11	454.16	11	96.98	11		11		11	
1/4	2,237.02	1/4	1,873.37	1/4	1,510.03	1/4	1,153.08	1/4	803.02	1/4	446.61	1/4	90.12	1/4		1/4		1/4	
1/2	2,229.45	1/2	1,865.79	1/2	1,502.61	1/2	1,145.83	1/2	795.44	1/2	439.06	1/2	82.84	1/2		1/2		1/2	
3/4	2,221.87	3/4	1,858.22	3/4	1,495.20	3/4	1,138.59	3/4	787.86	3/4	431.52	3/4	75.57	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2009 CL - SW  
CALCULATED: 03/04/2009 CL  
PRINTED: 03/04/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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



# BARGE "KIRBY 27763"

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

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 59'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 27763"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,623.60	0	2,259.99	0	1,896.38	0	1,533.00	0	1,173.14	0	810.50	0	454.11	0	96.97	0		0	
1/4	2,616.03	1/4	2,252.42	1/4	1,888.81	1/4	1,525.51	1/4	1,165.59	1/4	802.92	1/4	446.56	1/4	90.11	1/4		1/4	
1/2	2,608.45	1/2	2,244.84	1/2	1,881.23	1/2	1,518.10	1/2	1,158.04	1/2	795.35	1/2	439.01	1/2	82.83	1/2		1/2	
3/4	2,600.88	3/4	2,237.27	3/4	1,873.66	3/4	1,510.68	3/4	1,150.50	3/4	787.77	3/4	431.47	3/4	75.56	3/4		3/4	
1	2,593.30	1	2,229.69	1	1,866.08	1	1,503.27	1	1,142.95	1	780.19	1	423.92	1	68.28	1		1	
1/4	2,585.73	1/4	2,222.12	1/4	1,858.51	1/4	1,495.86	1/4	1,135.40	1/4	772.62	1/4	416.37	1/4	61.01	1/4		1/4	
1/2	2,578.15	1/2	2,214.54	1/2	1,850.93	1/2	1,488.44	1/2	1,127.86	1/2	765.04	1/2	408.82	1/2	54.11	1/2		1/2	
3/4	2,570.58	3/4	2,206.97	3/4	1,843.36	3/4	1,481.03	3/4	1,120.31	3/4	757.47	3/4	401.27	3/4	47.22	3/4		3/4	
2	2,563.00	2	2,199.39	2	1,835.78	2	1,473.62	2	1,112.76	2	749.89	2	393.71	2	40.33	2		2	
1/4	2,555.43	1/4	2,191.82	1/4	1,828.20	1/4	1,466.20	1/4	1,105.22	1/4	742.31	1/4	386.16	1/4	33.43	1/4		1/4	
1/2	2,547.85	1/2	2,184.24	1/2	1,820.63	1/2	1,458.79	1/2	1,097.67	1/2	734.74	1/2	378.59	1/2	28.38	1/2		1/2	
3/4	2,540.28	3/4	2,176.67	3/4	1,813.05	3/4	1,451.37	3/4	1,090.12	3/4	727.16	3/4	371.02	3/4	23.34	3/4		3/4	
3	2,532.70	3	2,169.09	3	1,805.48	3	1,443.96	3	1,082.58	3	719.59	3	363.46	3	18.29	3		3	
1/4	2,525.13	1/4	2,161.52	1/4	1,797.90	1/4	1,436.55	1/4	1,075.03	1/4	712.01	1/4	355.89	1/4	13.24	1/4		1/4	
1/2	2,517.55	1/2	2,153.94	1/2	1,790.33	1/2	1,429.13	1/2	1,067.48	1/2	704.44	1/2	348.31	1/2		1/2		1/2	
3/4	2,509.98	3/4	2,146.37	3/4	1,782.75	3/4	1,421.72	3/4	1,059.93	3/4	696.86	3/4	340.74	3/4		3/4		3/4	
4	2,502.40	4	2,138.79	4	1,775.18	4	1,414.31	4	1,052.39	4	689.28	4	333.16	4		4		4	
1/4	2,494.83	1/4	2,131.22	1/4	1,767.60	1/4	1,406.89	1/4	1,044.84	1/4	681.71	1/4	325.59	1/4		1/4		1/4	
1/2	2,487.25	1/2	2,123.64	1/2	1,760.03	1/2	1,399.48	1/2	1,037.29	1/2	674.13	1/2	318.01	1/2		1/2		1/2	
3/4	2,479.68	3/4	2,116.07	3/4	1,752.45	3/4	1,392.06	3/4	1,029.75	3/4	666.56	3/4	310.44	3/4		3/4		3/4	
5	2,472.10	5	2,108.49	5	1,744.87	5	1,384.65	5	1,022.20	5	658.98	5	302.86	5		5		5	
1/4	2,464.52	1/4	2,100.92	1/4	1,737.30	1/4	1,377.24	1/4	1,014.65	1/4	651.40	1/4	295.29	1/4		1/4		1/4	
1/2	2,456.95	1/2	2,093.34	1/2	1,729.72	1/2	1,369.74	1/2	1,007.11	1/2	643.83	1/2	287.71	1/2		1/2		1/2	
3/4	2,449.37	3/4	2,085.76	3/4	1,722.15	3/4	1,362.25	3/4	999.56	3/4	636.25	3/4	280.14	3/4		3/4		3/4	
6	2,441.80	6	2,078.19	6	1,714.57	6	1,354.75	6	992.01	6	628.68	6	272.56	6		6		6	
1/4	2,434.22	1/4	2,070.61	1/4	1,707.00	1/4	1,347.26	1/4	984.47	1/4	621.10	1/4	264.99	1/4		1/4		1/4	
1/2	2,426.65	1/2	2,063.04	1/2	1,699.42	1/2	1,339.68	1/2	976.92	1/2	613.52	1/2	257.42	1/2		1/2		1/2	
3/4	2,419.07	3/4	2,055.46	3/4	1,691.85	3/4	1,332.10	3/4	969.37	3/4	605.95	3/4	249.85	3/4		3/4		3/4	
7	2,411.50	7	2,047.89	7	1,684.27	7	1,324.53	7	961.83	7	598.37	7	242.29	7		7		7	
1/4	2,403.92	1/4	2,040.31	1/4	1,676.69	1/4	1,316.95	1/4	954.28	1/4	590.80	1/4	234.72	1/4		1/4		1/4	
1/2	2,396.35	1/2	2,032.74	1/2	1,669.12	1/2	1,309.38	1/2	946.73	1/2	583.44	1/2	227.17	1/2		1/2		1/2	
3/4	2,388.77	3/4	2,025.17	3/4	1,661.54	3/4	1,301.80	3/4	939.18	3/4	576.09	3/4	219.61	3/4		3/4		3/4	
8	2,381.20	8	2,017.59	8	1,653.97	8	1,294.22	8	931.63	8	568.74	8	212.06	8		8		8	
1/4	2,373.62	1/4	2,010.02	1/4	1,646.39	1/4	1,286.65	1/4	924.08	1/4	561.39	1/4	204.51	1/4		1/4		1/4	
1/2	2,366.05	1/2	2,002.44	1/2	1,638.82	1/2	1,279.07	1/2	916.52	1/2	554.48	1/2	196.96	1/2		1/2		1/2	
3/4	2,358.47	3/4	1,994.87	3/4	1,631.24	3/4	1,271.50	3/4	908.96	3/4	547.58	3/4	189.42	3/4		3/4		3/4	
9	2,350.90	9	1,987.29	9	1,623.67	9	1,263.92	9	901.39	9	540.67	9	181.88	9		9		9	
1/4	2,343.32	1/4	1,979.71	1/4	1,616.09	1/4	1,256.34	1/4	893.83	1/4	533.77	1/4	174.33	1/4		1/4		1/4	
1/2	2,335.75	1/2	1,972.14	1/2	1,608.52	1/2	1,248.77	1/2	886.26	1/2	526.86	1/2	167.01	1/2		1/2		1/2	
3/4	2,328.17	3/4	1,964.56	3/4	1,600.94	3/4	1,241.19	3/4	878.68	3/4	519.96	3/4	159.69	3/4		3/4		3/4	
10	2,320.60	10	1,956.99	10	1,593.36	10	1,233.62	10	871.10	10	513.05	10	152.37	10		10		10	
1/4	2,313.02	1/4	1,949.41	1/4	1,585.79	1/4	1,226.04	1/4	863.53	1/4	506.15	1/4	145.05	1/4		1/4		1/4	
1/2	2,305.45	1/2	1,941.84	1/2	1,578.21	1/2	1,218.48	1/2	855.95	1/2	498.81	1/2	138.18	1/2		1/2		1/2	
3/4	2,297.87	3/4	1,934.26	3/4	1,570.64	3/4	1,210.91	3/4	848.38	3/4	491.46	3/4	131.31	3/4		3/4		3/4	
11	2,290.30	11	1,926.69	11	1,563.06	11	1,203.35	11	840.80	11	484.12	11	124.43	11		11		11	
1/4	2,282.72	1/4	1,919.11	1/4	1,555.49	1/4	1,195.79	1/4	833.22	1/4	476.77	1/4	117.56	1/4		1/4		1/4	
1/2	2,275.14	1/2	1,911.54	1/2	1,547.99	1/2	1,188.24	1/2	825.65	1/2	469.22	1/2	110.70	1/2		1/2		1/2	
3/4	2,267.57	3/4	1,903.96	3/4	1,540.50	3/4	1,180.69	3/4	818.07	3/4	461.66	3/4	103.83	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2009 CL - SW  
CALCULATED: 03/04/2009 CL  
PRINTED: 03/04/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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



# BARGE "KIRBY 27763"

## 3 PORT 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	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN			
0		0	0		0	0		0	0		0	0		0	0		0	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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	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		1	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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	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	2		2	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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	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	3		3	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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	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	4		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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	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	5		5	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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	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	6		6	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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	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	7		7	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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	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	8		8	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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	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	9		9	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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	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	10		10	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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	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	11		11	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	1/4		1/4	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	1/2		1/2	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	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4
12		12	12		12	12		12	12		12	12		12	12		12	12		12	12		12	12		12	12		12	12		12

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 57'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "KIRBY 27763"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,535.03	0	2,171.97	0	1,808.91	0	1,446.26	0	1,088.88	0	736.82	0	385.36	0	58.11	0		0	
1/4	2,527.46	1/4	2,164.40	1/4	1,801.34	1/4	1,438.80	1/4	1,081.56	1/4	729.46	1/4	377.81	1/4	56.32	1/4		1/4	
1/2	2,519.90	1/2	2,156.84	1/2	1,793.78	1/2	1,431.34	1/2	1,074.23	1/2	722.11	1/2	370.26	1/2	54.52	1/2		1/2	
3/4	2,512.33	3/4	2,149.28	3/4	1,786.22	3/4	1,423.88	3/4	1,066.90	3/4	714.75	3/4	362.72	3/4	52.72	3/4		3/4	
1	2,504.77	1	2,141.71	1	1,778.65	1	1,416.43	1	1,059.57	1	707.39	1	355.17	1	50.93	1		1	
1/4	2,497.21	1/4	2,134.15	1/4	1,771.09	1/4	1,409.03	1/4	1,052.24	1/4	700.03	1/4	347.63	1/4	49.98	1/4		1/4	
1/2	2,489.64	1/2	2,126.59	1/2	1,763.52	1/2	1,401.64	1/2	1,044.92	1/2	692.67	1/2	340.09	1/2	49.04	1/2		1/2	
3/4	2,482.08	3/4	2,119.02	3/4	1,755.96	3/4	1,394.25	3/4	1,037.59	3/4	685.32	3/4	332.55	3/4	48.09	3/4		3/4	
2	2,474.52	2	2,111.46	2	1,748.40	2	1,386.86	2	1,030.26	2	677.96	2	325.02	2	47.15	2		2	
1/4	2,466.95	1/4	2,103.89	1/4	1,740.83	1/4	1,379.46	1/4	1,022.94	1/4	670.60	1/4	317.47	1/4		1/4		1/4	
1/2	2,459.39	1/2	2,096.33	1/2	1,733.27	1/2	1,372.06	1/2	1,015.61	1/2	663.24	1/2	309.92	1/2		1/2		1/2	
3/4	2,451.82	3/4	2,088.77	3/4	1,725.70	3/4	1,364.66	3/4	1,008.28	3/4	655.88	3/4	302.38	3/4		3/4		3/4	
3	2,444.26	3	2,081.20	3	1,718.14	3	1,357.25	3	1,000.96	3	648.53	3	294.83	3		3		3	
1/4	2,436.70	1/4	2,073.64	1/4	1,710.58	1/4	1,349.85	1/4	993.63	1/4	641.17	1/4	287.27	1/4		1/4		1/4	
1/2	2,429.13	1/2	2,066.08	1/2	1,703.01	1/2	1,342.45	1/2	986.30	1/2	633.81	1/2	279.71	1/2		1/2		1/2	
3/4	2,421.57	3/4	2,058.51	3/4	1,695.45	3/4	1,335.04	3/4	978.97	3/4	626.45	3/4	272.15	3/4		3/4		3/4	
4	2,414.01	4	2,050.95	4	1,687.88	4	1,327.64	4	971.65	4	619.09	4	264.59	4		4		4	
1/4	2,406.44	1/4	2,043.38	1/4	1,680.32	1/4	1,320.24	1/4	964.32	1/4	611.74	1/4	257.02	1/4		1/4		1/4	
1/2	2,398.88	1/2	2,035.82	1/2	1,672.76	1/2	1,312.84	1/2	956.99	1/2	604.38	1/2	249.46	1/2		1/2		1/2	
3/4	2,391.31	3/4	2,028.26	3/4	1,665.19	3/4	1,305.43	3/4	949.67	3/4	597.02	3/4	241.89	3/4		3/4		3/4	
5	2,383.75	5	2,020.69	5	1,657.63	5	1,298.03	5	942.34	5	589.66	5	234.32	5		5		5	
1/4	2,376.19	1/4	2,013.13	1/4	1,650.06	1/4	1,290.63	1/4	935.01	1/4	582.20	1/4	226.75	1/4		1/4		1/4	
1/2	2,368.62	1/2	2,005.57	1/2	1,642.50	1/2	1,283.24	1/2	927.68	1/2	574.73	1/2	219.19	1/2		1/2		1/2	
3/4	2,361.06	3/4	1,998.00	3/4	1,634.94	3/4	1,275.84	3/4	920.36	3/4	567.27	3/4	211.62	3/4		3/4		3/4	
6	2,353.50	6	1,990.44	6	1,627.37	6	1,268.45	6	913.03	6	559.81	6	204.05	6		6		6	
1/4	2,345.93	1/4	1,982.88	1/4	1,619.81	1/4	1,260.98	1/4	905.70	1/4	552.24	1/4	196.48	1/4		1/4		1/4	
1/2	2,338.37	1/2	1,975.31	1/2	1,612.25	1/2	1,253.51	1/2	898.37	1/2	544.67	1/2	188.92	1/2		1/2		1/2	
3/4	2,330.81	3/4	1,967.75	3/4	1,604.68	3/4	1,246.05	3/4	891.04	3/4	537.10	3/4	181.35	3/4		3/4		3/4	
7	2,323.24	7	1,960.18	7	1,597.12	7	1,238.58	7	883.71	7	529.53	7	173.78	7		7		7	
1/4	2,315.68	1/4	1,952.62	1/4	1,589.57	1/4	1,231.03	1/4	876.38	1/4	521.96	1/4	166.22	1/4		1/4		1/4	
1/2	2,308.11	1/2	1,945.06	1/2	1,582.01	1/2	1,223.48	1/2	869.05	1/2	514.40	1/2	158.66	1/2		1/2		1/2	
3/4	2,300.55	3/4	1,937.49	3/4	1,574.46	3/4	1,215.93	3/4	861.72	3/4	506.83	3/4	151.10	3/4		3/4		3/4	
8	2,292.99	8	1,929.93	8	1,566.91	8	1,208.39	8	854.40	8	499.26	8	143.54	8		8		8	
1/4	2,285.42	1/4	1,922.37	1/4	1,559.37	1/4	1,200.84	1/4	847.06	1/4	491.91	1/4	136.31	1/4		1/4		1/4	
1/2	2,277.86	1/2	1,914.80	1/2	1,551.83	1/2	1,193.29	1/2	839.73	1/2	484.57	1/2	129.08	1/2		1/2		1/2	
3/4	2,270.30	3/4	1,907.24	3/4	1,544.29	3/4	1,185.74	3/4	832.40	3/4	477.22	3/4	121.85	3/4		3/4		3/4	
9	2,262.73	9	1,899.67	9	1,536.75	9	1,178.19	9	825.07	9	469.88	9	114.62	9		9		9	
1/4	2,255.17	1/4	1,892.11	1/4	1,529.21	1/4	1,170.64	1/4	817.72	1/4	462.98	1/4	108.35	1/4		1/4		1/4	
1/2	2,247.60	1/2	1,884.55	1/2	1,521.67	1/2	1,163.09	1/2	810.38	1/2	456.08	1/2	102.08	1/2		1/2		1/2	
3/4	2,240.04	3/4	1,876.98	3/4	1,514.13	3/4	1,155.55	3/4	803.03	3/4	449.19	3/4	95.81	3/4		3/4		3/4	
10	2,232.48	10	1,869.42	10	1,506.59	10	1,148.00	10	795.69	10	442.29	10	89.54	10		10		10	
1/4	2,224.91	1/4	1,861.85	1/4	1,499.05	1/4	1,140.55	1/4	788.33	1/4	435.39	1/4	84.75	1/4		1/4		1/4	
1/2	2,217.35	1/2	1,854.29	1/2	1,491.51	1/2	1,133.11	1/2	780.97	1/2	428.50	1/2	79.97	1/2		1/2		1/2	
3/4	2,209.79	3/4	1,846.73	3/4	1,483.97	3/4	1,125.67	3/4	773.61	3/4	421.60	3/4	75.19	3/4		3/4		3/4	
11	2,202.22	11	1,839.16	11	1,476.42	11	1,118.22	11	766.25	11	414.70	11	70.40	11		11		11	
1/4	2,194.66	1/4	1,831.60	1/4	1,468.88	1/4	1,110.89	1/4	758.90	1/4	407.37	1/4	67.33	1/4		1/4		1/4	
1/2	2,187.09	1/2	1,824.03	1/2	1,461.34	1/2	1,103.55	1/2	751.54	1/2	400.03	1/2	64.26	1/2		1/2		1/2	
3/4	2,179.53	3/4	1,816.47	3/4	1,453.80	3/4	1,096.22	3/4	744.18	3/4	392.69	3/4	61.18	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2009 CL - SW  
CALCULATED: 03/04/2009 CL  
PRINTED: 03/04/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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



# BARGE "KIRBY 27763"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.					
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0			0			0			0			0	4,065.86	0	0	3,897.09	0	0	3,715.13	0	0	3,521.78	0	0	3,266.54	0	0	2,902.19	0			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,062.02	1/4	1/4	3,893.49	1/4	1/4	3,711.21	1/4	1/4	3,517.71	1/4	1/4	3,258.95	1/4	1/4	2,894.60	1/4			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,058.47	1/2	1/2	3,889.86	1/2	1/2	3,707.27	1/2	1/2	3,513.64	1/2	1/2	3,251.36	1/2	1/2	2,887.01	1/2			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,054.93	3/4	3/4	3,886.24	3/4	3/4	3,703.32	3/4	3/4	3,509.57	3/4	3/4	3,243.77	3/4	3/4	2,879.42	3/4			
1		1	1		1	1		1	1		1	1	4,051.39	1	1	3,882.61	1	1	3,699.38	1	1	3,505.50	1	1	3,236.18	1	1	2,871.83	1			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,047.84	1/4	1/4	3,878.99	1/4	1/4	3,695.43	1/4	1/4	3,501.42	1/4	1/4	3,228.59	1/4	1/4	2,864.24	1/4			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,044.43	1/2	1/2	3,875.34	1/2	1/2	3,691.47	1/2	1/2	3,497.35	1/2	1/2	3,221.00	1/2	1/2	2,856.65	1/2			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,041.02	3/4	3/4	3,871.70	3/4	3/4	3,687.51	3/4	3/4	3,493.28	3/4	3/4	3,213.41	3/4	3/4	2,849.06	3/4			
2		2	2		2	2		2	2		2	2	4,037.61	2	2	3,868.05	2	2	3,683.54	2	2	3,489.21	2	2	3,205.82	2	2	2,841.47	2			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,034.20	1/4	1/4	3,864.41	1/4	1/4	3,679.58	1/4	1/4	3,485.14	1/4	1/4	3,198.23	1/4	1/4	2,833.88	1/4			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,030.77	1/2	1/2	3,860.72	1/2	1/2	3,675.60	1/2	1/2	3,481.07	1/2	1/2	3,190.64	1/2	1/2	2,826.29	1/2			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,027.34	3/4	3/4	3,857.04	3/4	3/4	3,671.61	3/4	3/4	3,477.00	3/4	3/4	3,183.05	3/4	3/4	2,818.70	3/4			
3		3	3		3	3		3	3		3	3	4,023.91	3	3	3,853.35	3	3	3,667.63	3	3	3,472.93	3	3	3,175.46	3	3	2,811.11	3			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,020.48	1/4	1/4	3,849.67	1/4	1/4	3,663.64	1/4	1/4	3,468.86	1/4	1/4	3,167.87	1/4	1/4	2,803.52	1/4			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,017.03	1/2	1/2	3,845.92	1/2	1/2	3,659.64	1/2	1/2	3,464.79	1/2	1/2	3,160.28	1/2	1/2	2,795.93	1/2			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,013.58	3/4	3/4	3,842.17	3/4	3/4	3,655.64	3/4	3/4	3,460.71	3/4	3/4	3,152.68	3/4	3/4	2,788.34	3/4			
4		4	4		4	4		4	4		4	4	4,010.13	4	4	3,838.42	4	4	3,651.63	4	4	3,456.64	4	4	3,145.09	4	4	2,780.75	4			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,006.68	1/4	1/4	3,834.67	1/4	1/4	3,647.63	1/4	1/4	3,452.57	1/4	1/4	3,137.50	1/4	1/4	2,773.15	1/4			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,003.21	1/2	1/2	3,830.88	1/2	1/2	3,643.61	1/2	1/2	3,448.50	1/2	1/2	3,129.91	1/2	1/2	2,765.56	1/2			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,999.74	3/4	3/4	3,827.10	3/4	3/4	3,639.58	3/4	3/4	3,444.43	3/4	3/4	3,122.32	3/4	3/4	2,757.97	3/4			
5		5	5		5	5		5	5		5	5	3,996.27	5	5	3,823.31	5	5	3,635.56	5	5	3,440.36	5	5	3,114.73	5	5	2,750.38	5			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,992.80	1/4	1/4	3,819.52	1/4	1/4	3,631.54	1/4	1/4	3,436.29	1/4	1/4	3,107.14	1/4	1/4	2,742.79	1/4			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,989.31	1/2	1/2	3,815.71	1/2	1/2	3,627.49	1/2	1/2	3,432.22	1/2	1/2	3,099.55	1/2	1/2	2,735.20	1/2			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,985.82	3/4	3/4	3,811.90	3/4	3/4	3,623.45	3/4	3/4	3,428.15	3/4	3/4	3,091.96	3/4	3/4	2,727.61	3/4			
6		6	6		6	6		6	6		6	6	3,982.33	6	6	3,808.09	6	6	3,619.41	6	6	3,424.08	6	6	3,084.37	6	6	2,720.02	6			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,978.84	1/4	1/4	3,804.28	1/4	1/4	3,615.36	1/4	1/4	3,420.00	1/4	1/4	3,076.78	1/4	1/4	2,712.43	1/4			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,975.33	1/2	1/2	3,800.45	1/2	1/2	3,611.30	1/2	1/2	3,415.93	1/2	1/2	3,069.19	1/2	1/2	2,704.84	1/2			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,971.82	3/4	3/4	3,796.62	3/4	3/4	3,607.24	3/4	3/4	3,411.86	3/4	3/4	3,061.60	3/4	3/4	2,697.25	3/4			
7		7	7		7	7		7	7		7	7	3,968.31	7	7	3,792.79	7	7	3,603.18	7	7	3,407.79	7	7	3,054.01	7	7	2,689.66	7			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,964.80	1/4	1/4	3,788.97	1/4	1/4	3,599.12	1/4	1/4	3,403.72	1/4	1/4	3,046.42	1/4	1/4	2,682.07	1/4			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,961.27	1/2	1/2	3,785.12	1/2	1/2	3,595.05	1/2	1/2	3,397.89	1/2	1/2	3,038.83	1/2	1/2	2,674.48	1/2			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,957.74	3/4	3/4	3,781.27	3/4	3/4	3,590.98	3/4	3/4	3,392.06	3/4	3/4	3,031.24	3/4	3/4	2,666.89	3/4			
8		8	8		8	8		8	8		8	8	3,954.22	8	8	3,777.42	8	8	3,586.91	8	8	3,386.23	8	8	3,023.64	8	8	2,659.30	8			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,122.04	1/4	1/4	3,950.69	1/4	1/4	3,773.57	1/4	1/4	3,582.84	1/4	1/4	3,380.40	1/4	1/4	3,016.05	1/4	1/4	2,651.71	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,118.76	1/2	1/2	3,947.14	1/2	1/2	3,769.70	1/2	1/2	3,578.77	1/2	1/2	3,372.81	1/2	1/2	3,008.46	1/2	1/2	2,644.11	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,115.49	3/4	3/4	3,943.59	3/4	3/4	3,765.83	3/4	3/4	3,574.70	3/4	3/4	3,365.22	3/4	3/4	3,000.87	3/4	3/4	2,636.52	3/4
9		9	9		9	9		9	9		9	9	4,112.22	9	9	3,940.05	9	9	3,761.96	9	9	3,570.63	9	9	3,357.63	9	9	2,993.28	9	9	2,628.93	9
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,108.94	1/4	1/4	3,936.50	1/4	1/4	3,758.09	1/4	1/4	3,566.56	1/4	1/4	3,350.04	1/4	1/4	2,985.69	1/4	1/4	2,621.34	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,105.03	1/2	1/2	3,932.94	1/2	1/2	3,754.21	1/2	1/2	3,562.49	1/2	1/2	3,342.45	1/2	1/2	2,978.10	1/2	1/2	2,613.75	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,101.13	3/4	3/4	3,929.37	3/4	3/4	3,750.32	3/4	3/4	3,558.42	3/4	3/4	3,334.86	3/4	3/4	2,970.51	3/4	3/4	2,606.16	3/4
10		10	10		10	10		10	10		10	10	4,097.22	10	10	3,925.81	10	10	3,746.43	10	10	3,554.35	10	10	3,327.27	10	10	2,962.92	10	10	2,598.57	10
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,093.31	1/4	1/4	3,922.24	1/4	1/4	3,742.54	1/4	1/4	3,550.28	1/4	1/4	3,319.68	1/4	1/4	2,955.33	1/4	1/4	2,590.98	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,089.33	1/2	1/2	3,918.66	1/2	1/2	3,738.63													



# BARGE "KIRBY 27763"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,537.85	0	2,173.50	0	1,809.15	0	1,445.03	0	1,084.43	0	721.05	0	363.94	0	52.88	0		0	
1/4	2,530.26	1/4	2,165.91	1/4	1,801.55	1/4	1,437.52	1/4	1,076.87	1/4	713.46	1/4	356.37	1/4	51.07	1/4		1/4	
1/2	2,522.66	1/2	2,158.32	1/2	1,793.96	1/2	1,430.09	1/2	1,069.30	1/2	705.87	1/2	348.81	1/2	50.10	1/2		1/2	
3/4	2,515.07	3/4	2,150.73	3/4	1,786.37	3/4	1,422.66	3/4	1,061.74	3/4	698.28	3/4	341.24	3/4	49.14	3/4		3/4	
1	2,507.48	1	2,143.13	1	1,778.78	1	1,415.23	1	1,054.18	1	690.69	1	333.68	1	48.18	1		1	
1/4	2,499.89	1/4	2,135.54	1/4	1,771.19	1/4	1,407.81	1/4	1,046.62	1/4	683.10	1/4	326.12	1/4	47.21	1/4		1/4	
1/2	2,492.30	1/2	2,127.95	1/2	1,763.60	1/2	1,400.38	1/2	1,039.06	1/2	675.50	1/2	318.55	1/2		1/2		1/2	
3/4	2,484.71	3/4	2,120.36	3/4	1,756.01	3/4	1,392.95	3/4	1,031.49	3/4	667.91	3/4	310.98	3/4		3/4		3/4	
2	2,477.12	2	2,112.77	2	1,748.42	2	1,385.52	2	1,023.93	2	660.32	2	303.42	2		2		2	
1/4	2,469.53	1/4	2,105.18	1/4	1,740.83	1/4	1,378.09	1/4	1,016.37	1/4	652.73	1/4	295.85	1/4		1/4		1/4	
1/2	2,461.94	1/2	2,097.59	1/2	1,733.24	1/2	1,370.66	1/2	1,008.81	1/2	645.14	1/2	288.26	1/2		1/2		1/2	
3/4	2,454.35	3/4	2,090.00	3/4	1,725.65	3/4	1,363.23	3/4	1,001.25	3/4	637.55	3/4	280.68	3/4		3/4		3/4	
3	2,446.76	3	2,082.41	3	1,718.06	3	1,355.80	3	993.68	3	629.96	3	273.10	3		3		3	
1/4	2,439.17	1/4	2,074.82	1/4	1,710.46	1/4	1,348.38	1/4	986.12	1/4	622.37	1/4	265.51	1/4		1/4		1/4	
1/2	2,431.58	1/2	2,067.23	1/2	1,702.87	1/2	1,340.95	1/2	978.56	1/2	614.78	1/2	257.92	1/2		1/2		1/2	
3/4	2,423.99	3/4	2,059.64	3/4	1,695.28	3/4	1,333.52	3/4	971.00	3/4	607.18	3/4	250.33	3/4		3/4		3/4	
4	2,416.40	4	2,052.05	4	1,687.69	4	1,326.09	4	963.43	4	599.59	4	242.74	4		4		4	
1/4	2,408.81	1/4	2,044.46	1/4	1,680.10	1/4	1,318.66	1/4	955.87	1/4	592.00	1/4	235.15	1/4		1/4		1/4	
1/2	2,401.22	1/2	2,036.87	1/2	1,672.51	1/2	1,311.23	1/2	948.31	1/2	584.41	1/2	227.56	1/2		1/2		1/2	
3/4	2,393.62	3/4	2,029.28	3/4	1,664.92	3/4	1,303.80	3/4	940.75	3/4	576.82	3/4	219.97	3/4		3/4		3/4	
5	2,386.03	5	2,021.69	5	1,657.33	5	1,296.37	5	933.19	5	569.23	5	212.38	5		5		5	
1/4	2,378.44	1/4	2,014.09	1/4	1,649.74	1/4	1,288.94	1/4	925.62	1/4	561.64	1/4	204.79	1/4		1/4		1/4	
1/2	2,370.85	1/2	2,006.50	1/2	1,642.15	1/2	1,281.43	1/2	918.06	1/2	554.05	1/2	197.20	1/2		1/2		1/2	
3/4	2,363.26	3/4	1,998.91	3/4	1,634.56	3/4	1,273.92	3/4	910.50	3/4	546.45	3/4	189.61	3/4		3/4		3/4	
6	2,355.67	6	1,991.32	6	1,626.97	6	1,266.41	6	902.94	6	538.86	6	182.02	6		6		6	
1/4	2,348.08	1/4	1,983.73	1/4	1,619.38	1/4	1,258.90	1/4	895.37	1/4	531.27	1/4	174.43	1/4		1/4		1/4	
1/2	2,340.49	1/2	1,976.14	1/2	1,611.78	1/2	1,251.31	1/2	887.81	1/2	523.68	1/2	166.85	1/2		1/2		1/2	
3/4	2,332.90	3/4	1,968.55	3/4	1,604.19	3/4	1,243.72	3/4	880.25	3/4	516.09	3/4	159.26	3/4		3/4		3/4	
7	2,325.31	7	1,960.96	7	1,596.60	7	1,236.13	7	872.69	7	508.50	7	151.68	7		7		7	
1/4	2,317.72	1/4	1,953.37	1/4	1,589.01	1/4	1,228.54	1/4	865.13	1/4	500.90	1/4	144.10	1/4		1/4		1/4	
1/2	2,310.13	1/2	1,945.78	1/2	1,581.42	1/2	1,220.94	1/2	857.56	1/2	493.54	1/2	136.85	1/2		1/2		1/2	
3/4	2,302.54	3/4	1,938.19	3/4	1,573.83	3/4	1,213.35	3/4	850.00	3/4	486.17	3/4	129.59	3/4		3/4		3/4	
8	2,294.95	8	1,930.60	8	1,566.24	8	1,205.76	8	842.43	8	478.80	8	122.34	8		8		8	
1/4	2,287.36	1/4	1,923.01	1/4	1,558.65	1/4	1,198.17	1/4	834.87	1/4	471.43	1/4	115.09	1/4		1/4		1/4	
1/2	2,279.77	1/2	1,915.42	1/2	1,551.06	1/2	1,190.58	1/2	827.29	1/2	464.52	1/2	108.80	1/2		1/2		1/2	
3/4	2,272.18	3/4	1,907.83	3/4	1,543.47	3/4	1,182.99	3/4	819.71	3/4	457.60	3/4	102.50	3/4		3/4		3/4	
9	2,264.58	9	1,900.23	9	1,535.88	9	1,175.40	9	812.13	9	450.68	9	96.21	9		9		9	
1/4	2,256.99	1/4	1,892.64	1/4	1,528.29	1/4	1,167.80	1/4	804.55	1/4	443.76	1/4	89.92	1/4		1/4		1/4	
1/2	2,249.40	1/2	1,885.05	1/2	1,520.69	1/2	1,160.21	1/2	796.96	1/2	436.84	1/2	85.11	1/2		1/2		1/2	
3/4	2,241.81	3/4	1,877.46	3/4	1,513.10	3/4	1,152.62	3/4	789.37	3/4	429.92	3/4	80.31	3/4		3/4		3/4	
10	2,234.22	10	1,869.87	10	1,505.51	10	1,145.03	10	781.78	10	423.00	10	75.50	10		10		10	
1/4	2,226.63	1/4	1,862.28	1/4	1,497.92	1/4	1,137.44	1/4	774.19	1/4	416.08	1/4	70.70	1/4		1/4		1/4	
1/2	2,219.04	1/2	1,854.69	1/2	1,490.33	1/2	1,129.86	1/2	766.60	1/2	408.72	1/2	67.61	1/2		1/2		1/2	
3/4	2,211.45	3/4	1,847.10	3/4	1,482.74	3/4	1,122.28	3/4	759.01	3/4	401.36	3/4	64.51	3/4		3/4		3/4	
11	2,203.86	11	1,839.51	11	1,475.15	11	1,114.70	11	751.42	11	394.00	11	61.42	11		11		11	
1/4	2,196.27	1/4	1,831.92	1/4	1,467.56	1/4	1,107.12	1/4	743.82	1/4	386.64	1/4	58.33	1/4		1/4		1/4	
1/2	2,188.68	1/2	1,824.33	1/2	1,460.05	1/2	1,099.56	1/2	736.23	1/2	379.07	1/2	56.51	1/2		1/2		1/2	
3/4	2,181.09	3/4	1,816.74	3/4	1,452.54	3/4	1,092.00	3/4	728.64	3/4	371.50	3/4	54.70	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/04/2009 CL - SW  
CALCULATED: 03/04/2009 CL  
PRINTED: 03/04/2009 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2009

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