



BARGE "KIRBY 27781"

ULLAGE TRIM TABLE HERMETIC

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 261'-00"

June 1, 2016

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27781"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

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		0		0	4,837.68	0	4,507.68	0	4,155.97	0	3,782.81	0	3,405.35	0	3,027.88
1/4		1/4		1/4		1/4		1/4	4,830.19	1/4	4,500.64	1/4	4,148.39	1/4	3,774.95	1/4	3,397.48	1/4	3,020.02
1/2		1/2		1/2		1/2		1/2	4,822.70	1/2	4,493.60	1/2	4,140.81	1/2	3,767.09	1/2	3,389.62	1/2	3,012.15
3/4		3/4		3/4		3/4		3/4	4,815.78	3/4	4,486.52	3/4	4,133.19	3/4	3,759.22	3/4	3,381.76	3/4	3,004.29
1		1		1		1		1	4,808.85	1	4,479.44	1	4,125.57	1	3,751.36	1	3,373.89	1	2,996.42
1/4		1/4		1/4		1/4		1/4	4,801.93	1/4	4,472.36	1/4	4,117.95	1/4	3,743.49	1/4	3,366.03	1/4	2,988.56
1/2		1/2		1/2		1/2		1/2	4,795.01	1/2	4,465.29	1/2	4,110.34	1/2	3,735.63	1/2	3,358.16	1/2	2,980.70
3/4		3/4		3/4		3/4		3/4	4,788.35	3/4	4,458.17	3/4	4,102.68	3/4	3,727.77	3/4	3,350.30	3/4	2,972.83
2		2		2		2		2	4,781.69	2	4,451.05	2	4,095.03	2	3,719.90	2	3,342.44	2	2,964.97
1/4		1/4		1/4		1/4		1/4	4,775.03	1/4	4,443.94	1/4	4,087.37	1/4	3,712.04	1/4	3,334.57	1/4	2,957.10
1/2		1/2		1/2		1/2		1/2	4,768.37	1/2	4,436.82	1/2	4,079.71	1/2	3,704.18	1/2	3,326.71	1/2	2,949.24
3/4		3/4		3/4		3/4		3/4	4,761.67	3/4	4,429.65	3/4	4,072.02	3/4	3,696.31	3/4	3,318.84	3/4	2,941.38
3		3		3		3		3	4,754.97	3	4,422.47	3	4,064.33	3	3,688.45	3	3,310.98	3	2,933.51
1/4		1/4		1/4		1/4		1/4	4,748.27	1/4	4,415.30	1/4	4,056.63	1/4	3,680.58	1/4	3,303.12	1/4	2,925.65
1/2		1/2		1/2		1/2		1/2	4,741.57	1/2	4,408.12	1/2	4,048.94	1/2	3,672.72	1/2	3,295.25	1/2	2,917.79
3/4		3/4		3/4		3/4		3/4	4,734.84	3/4	4,400.87	3/4	4,041.21	3/4	3,664.86	3/4	3,287.39	3/4	2,909.92
4		4		4		4		4	4,728.10	4	4,393.61	4	4,033.48	4	3,656.99	4	3,279.52	4	2,902.06
1/4		1/4		1/4		1/4		1/4	4,721.36	1/4	4,386.36	1/4	4,025.75	1/4	3,649.13	1/4	3,271.66	1/4	2,894.19
1/2		1/2		1/2		1/2		1/2	4,714.63	1/2	4,379.10	1/2	4,018.02	1/2	3,641.26	1/2	3,263.80	1/2	2,886.33
3/4		3/4		3/4		3/4		3/4	4,707.85	3/4	4,371.79	3/4	4,010.25	3/4	3,633.40	3/4	3,255.93	3/4	2,878.47
5		5		5		5		5	4,701.08	5	4,364.47	5	4,002.48	5	3,625.54	5	3,248.07	5	2,870.60
1/4		1/4		1/4		1/4		1/4	4,694.30	1/4	4,357.16	1/4	3,994.71	1/4	3,617.67	1/4	3,240.21	1/4	2,862.74
1/2		1/2		1/2		1/2		1/2	4,687.53	1/2	4,349.85	1/2	3,986.94	1/2	3,609.81	1/2	3,232.34	1/2	2,854.87
3/4		3/4		3/4		3/4		3/4	4,680.72	3/4	4,342.49	3/4	3,979.13	3/4	3,601.94	3/4	3,224.48	3/4	2,847.01
6		6		6		6		6	4,673.91	6	4,335.14	6	3,971.33	6	3,594.08	6	3,216.61	6	2,839.15
1/4		1/4		1/4		1/4		1/4	4,667.09	1/4	4,327.79	1/4	3,963.52	1/4	3,586.22	1/4	3,208.75	1/4	2,831.28
1/2		1/2		1/2		1/2		1/2	4,660.28	1/2	4,320.44	1/2	3,955.71	1/2	3,578.35	1/2	3,200.89	1/2	2,823.42
3/4		3/4		3/4		3/4		3/4	4,653.43	3/4	4,313.05	3/4	3,947.87	3/4	3,570.49	3/4	3,193.02	3/4	2,815.55
7		7		7		7		7	4,646.58	7	4,305.66	7	3,940.03	7	3,562.63	7	3,185.16	7	2,807.69
1/4		1/4		1/4		1/4		1/4	4,639.73	1/4	4,298.27	1/4	3,932.19	1/4	3,554.76	1/4	3,177.29	1/4	2,799.83
1/2		1/2		1/2		1/2	4,963.20	1/2	4,632.88	1/2	4,290.88	1/2	3,924.35	1/2	3,546.90	1/2	3,169.43	1/2	2,791.96
3/4		3/4		3/4		3/4	4,957.71	3/4	4,625.99	3/4	4,283.45	3/4	3,916.49	3/4	3,539.03	3/4	3,161.57	3/4	2,784.10
8		8		8		8	4,952.23	8	4,619.10	8	4,276.02	8	3,908.63	8	3,531.17	8	3,153.70	8	2,776.24
1/4		1/4		1/4		1/4	4,946.74	1/4	4,612.21	1/4	4,268.60	1/4	3,900.77	1/4	3,523.31	1/4	3,145.84	1/4	2,768.37
1/2		1/2		1/2		1/2	4,941.26	1/2	4,605.33	1/2	4,261.17	1/2	3,892.91	1/2	3,515.44	1/2	3,137.97	1/2	2,760.51
3/4		3/4		3/4		3/4	4,934.48	3/4	4,598.40	3/4	4,253.70	3/4	3,885.04	3/4	3,507.58	3/4	3,130.11	3/4	2,752.64
9		9		9		9	4,927.71	9	4,591.47	9	4,246.24	9	3,877.18	9	3,499.71	9	3,122.25	9	2,744.78
1/4		1/4		1/4		1/4	4,920.93	1/4	4,584.55	1/4	4,238.77	1/4	3,869.32	1/4	3,491.85	1/4	3,114.38	1/4	2,736.92
1/2		1/2		1/2		1/2	4,914.16	1/2	4,577.62	1/2	4,231.31	1/2	3,861.45	1/2	3,483.99	1/2	3,106.52	1/2	2,729.05
3/4		3/4		3/4		3/4	4,906.56	3/4	4,570.66	3/4	4,223.80	3/4	3,853.59	3/4	3,476.12	3/4	3,098.65	3/4	2,721.19
10		10		10		10	4,898.97	10	4,563.69	10	4,216.30	10	3,845.73	10	3,468.26	10	3,090.79	10	2,713.32
1/4		1/4		1/4		1/4	4,891.37	1/4	4,556.73	1/4	4,208.79	1/4	3,837.86	1/4	3,460.39	1/4	3,082.93	1/4	2,705.46
1/2		1/2		1/2		1/2	4,883.78	1/2	4,549.76	1/2	4,201.29	1/2	3,830.00	1/2	3,452.53	1/2	3,075.06	1/2	2,697.60
3/4		3/4		3/4		3/4	4,876.00	3/4	4,542.76	3/4	4,193.75	3/4	3,822.13	3/4	3,444.67	3/4	3,067.20	3/4	2,689.73
11		11		11		11	4,868.22	11	4,535.76	11	4,186.21	11	3,814.27	11	3,436.80	11	3,059.34	11	2,681.87
1/4		1/4		1/4		1/4	4,860.44	1/4	4,528.76	1/4	4,178.67	1/4	3,806.41	1/4	3,428.94	1/4	3,051.47	1/4	2,674.00
1/2		1/2		1/2		1/2	4,852.66	1/2	4,521.76	1/2	4,171.12	1/2	3,798.54	1/2	3,421.07	1/2	3,043.61	1/2	2,666.14
3/4		3/4		3/4		3/4	4,845.17	3/4	4,514.72	3/4	4,163.54	3/4	3,790.68	3/4	3,413.21	3/4	3,035.74	3/4	2,658.28

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "KIRBY 27781"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,650.41	0	2,272.95	0	1,895.48	0	1,517.99	0	1,141.49	0	766.18	0	398.16	0	71.53	0		0	
1/4	2,642.55	1/4	2,265.08	1/4	1,887.61	1/4	1,510.13	1/4	1,133.69	1/4	758.32	1/4	390.63	1/4	65.96	1/4		1/4	
1/2	2,634.68	1/2	2,257.22	1/2	1,879.75	1/2	1,502.27	1/2	1,125.88	1/2	750.45	1/2	383.10	1/2	52.49	1/2		1/2	
3/4	2,626.82	3/4	2,249.35	3/4	1,871.88	3/4	1,494.42	3/4	1,118.07	3/4	742.59	3/4	375.68	3/4	39.02	3/4		3/4	
1	2,618.96	1	2,241.49	1	1,864.02	1	1,486.57	1	1,110.26	1	734.72	1	368.26	1	25.55	1		1	
1/4	2,611.09	1/4	2,233.63	1/4	1,856.16	1/4	1,478.72	1/4	1,102.46	1/4	726.86	1/4	360.84	1/4	12.08	1/4		1/4	
1/2	2,603.23	1/2	2,225.76	1/2	1,848.29	1/2	1,470.86	1/2	1,094.65	1/2	718.99	1/2	353.42	1/2	-1.41	1/2		1/2	
3/4	2,595.37	3/4	2,217.90	3/4	1,840.43	3/4	1,463.03	3/4	1,086.84	3/4	711.13	3/4	346.10	3/4	-28.94	3/4		3/4	
2	2,587.50	2	2,210.03	2	1,832.56	2	1,455.19	2	1,079.04	2	703.26	2	338.78	2	-40.47	2		2	
1/4	2,579.64	1/4	2,202.17	1/4	1,824.70	1/4	1,447.36	1/4	1,071.23	1/4	695.40	1/4	331.45	1/4	-52.00	1/4		1/4	
1/2	2,571.77	1/2	2,194.31	1/2	1,816.83	1/2	1,439.52	1/2	1,063.42	1/2	687.54	1/2	324.13	1/2	-63.53	1/2		1/2	
3/4	2,563.91	3/4	2,186.44	3/4	1,808.97	3/4	1,431.68	3/4	1,055.62	3/4	679.67	3/4	316.90	3/4	-75.06	3/4		3/4	
3	2,556.05	3	2,178.58	3	1,801.11	3	1,423.85	3	1,047.81	3	671.81	3	309.66	3	-86.59	3		3	
1/4	2,548.18	1/4	2,170.71	1/4	1,793.24	1/4	1,416.01	1/4	1,040.00	1/4	663.94	1/4	302.43	1/4	-98.12	1/4		1/4	
1/2	2,540.32	1/2	2,162.85	1/2	1,785.38	1/2	1,408.17	1/2	1,032.20	1/2	656.08	1/2	295.20	1/2	-109.65	1/2		1/2	
3/4	2,532.45	3/4	2,154.99	3/4	1,777.51	3/4	1,400.34	3/4	1,024.39	3/4	648.21	3/4	288.06	3/4	-121.18	3/4		3/4	
4	2,524.59	4	2,147.12	4	1,769.65	4	1,392.50	4	1,016.58	4	640.35	4	280.92	4	-132.71	4		4	
1/4	2,516.73	1/4	2,139.26	1/4	1,761.79	1/4	1,384.66	1/4	1,008.78	1/4	632.48	1/4	273.79	1/4	-144.24	1/4		1/4	
1/2	2,508.86	1/2	2,131.40	1/2	1,753.92	1/2	1,376.82	1/2	1,000.97	1/2	624.62	1/2	266.65	1/2	-155.77	1/2		1/2	
3/4	2,501.00	3/4	2,123.53	3/4	1,746.06	3/4	1,368.99	3/4	993.17	3/4	616.75	3/4	259.62	3/4	-167.30	3/4		3/4	
5	2,493.13	5	2,115.67	5	1,738.19	5	1,361.15	5	985.36	5	608.89	5	252.58	5	-178.83	5		5	
1/4	2,485.27	1/4	2,107.80	1/4	1,730.33	1/4	1,353.31	1/4	977.55	1/4	601.03	1/4	245.55	1/4	-190.36	1/4		1/4	
1/2	2,477.41	1/2	2,099.94	1/2	1,722.46	1/2	1,345.48	1/2	969.75	1/2	593.16	1/2	238.52	1/2	-201.89	1/2		1/2	
3/4	2,469.54	3/4	2,092.08	3/4	1,714.60	3/4	1,337.64	3/4	961.94	3/4	585.30	3/4	231.59	3/4	-213.42	3/4		3/4	
6	2,461.68	6	2,084.21	6	1,706.74	6	1,329.80	6	954.13	6	577.43	6	224.66	6	-224.95	6		6	
1/4	2,453.82	1/4	2,076.35	1/4	1,698.87	1/4	1,321.96	1/4	946.33	1/4	569.57	1/4	217.73	1/4	-236.48	1/4		1/4	
1/2	2,445.95	1/2	2,068.48	1/2	1,691.01	1/2	1,314.13	1/2	938.52	1/2	561.70	1/2	210.80	1/2	-248.01	1/2		1/2	
3/4	2,438.09	3/4	2,060.62	3/4	1,683.14	3/4	1,306.28	3/4	930.71	3/4	553.84	3/4	203.98	3/4	-259.54	3/4		3/4	
7	2,430.22	7	2,052.76	7	1,675.28	7	1,298.42	7	922.91	7	545.97	7	197.16	7	-271.07	7		7	
1/4	2,422.36	1/4	2,044.89	1/4	1,667.41	1/4	1,290.57	1/4	915.10	1/4	538.11	1/4	190.35	1/4	-282.60	1/4		1/4	
1/2	2,414.50	1/2	2,037.03	1/2	1,659.55	1/2	1,282.72	1/2	907.29	1/2	530.24	1/2	183.53	1/2	-294.13	1/2		1/2	
3/4	2,406.63	3/4	2,029.17	3/4	1,651.69	3/4	1,274.86	3/4	899.48	3/4	522.61	3/4	176.83	3/4	-305.66	3/4		3/4	
8	2,398.77	8	2,021.30	8	1,643.82	8	1,266.99	8	891.68	8	514.98	8	170.13	8	-317.19	8		8	
1/4	2,390.90	1/4	2,013.44	1/4	1,635.96	1/4	1,259.13	1/4	883.87	1/4	507.34	1/4	163.43	1/4	-328.72	1/4		1/4	
1/2	2,383.04	1/2	2,005.58	1/2	1,628.09	1/2	1,251.26	1/2	876.06	1/2	499.71	1/2	156.73	1/2	-340.25	1/2		1/2	
3/4	2,375.18	3/4	1,997.71	3/4	1,620.23	3/4	1,243.40	3/4	868.24	3/4	492.57	3/4	150.14	3/4	-351.78	3/4		3/4	
9	2,367.31	9	1,989.85	9	1,612.37	9	1,235.53	9	860.41	9	485.43	9	143.56	9	-363.31	9		9	
1/4	2,359.45	1/4	1,981.98	1/4	1,604.50	1/4	1,227.67	1/4	852.59	1/4	478.29	1/4	136.97	1/4	-374.84	1/4		1/4	
1/2	2,351.58	1/2	1,974.12	1/2	1,596.64	1/2	1,219.80	1/2	844.77	1/2	471.15	1/2	130.39	1/2	-386.37	1/2		1/2	
3/4	2,343.72	3/4	1,966.25	3/4	1,588.77	3/4	1,211.95	3/4	836.92	3/4	464.08	3/4	124.14	3/4	-397.90	3/4		3/4	
10	2,335.86	10	1,958.39	10	1,580.91	10	1,204.10	10	829.07	10	457.02	10	117.89	10	-409.43	10		10	
1/4	2,327.99	1/4	1,950.53	1/4	1,573.04	1/4	1,196.25	1/4	821.22	1/4	449.95	1/4	111.64	1/4	-420.96	1/4		1/4	
1/2	2,320.13	1/2	1,942.66	1/2	1,565.18	1/2	1,188.40	1/2	813.37	1/2	442.89	1/2	105.39	1/2	-432.49	1/2		1/2	
3/4	2,312.26	3/4	1,934.80	3/4	1,557.32	3/4	1,180.58	3/4	805.50	3/4	435.47	3/4	99.70	3/4	-444.02	3/4		3/4	
11	2,304.40	11	1,926.93	11	1,549.45	11	1,172.76	11	797.64	11	428.06	11	94.02	11	-455.55	11		11	
1/4	2,296.54	1/4	1,919.07	1/4	1,541.59	1/4	1,164.93	1/4	789.77	1/4	420.64	1/4	88.34	1/4	-467.08	1/4		1/4	
1/2	2,288.67	1/2	1,911.20	1/2	1,533.72	1/2	1,157.11	1/2	781.91	1/2	413.22	1/2	82.66	1/2	-478.61	1/2		1/2	
3/4	2,280.81	3/4	1,903.34	3/4	1,525.86	3/4	1,149.30	3/4	774.04	3/4	405.69	3/4	77.09	3/4	-490.14	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2012 CL-SW
CALCULATED: 02/19/2012 CL
PRINTED: 06/01/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 27781"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

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		0		0	4,841.37	0	4,511.20	0	4,159.31	0	3,786.01	0	3,408.37	0	3,030.72
1/4		1/4		1/4		1/4		1/4	4,833.88	1/4	4,504.16	1/4	4,151.73	1/4	3,778.14	1/4	3,400.50	1/4	3,022.86
1/2		1/2		1/2		1/2		1/2	4,826.39	1/2	4,497.11	1/2	4,144.15	1/2	3,770.28	1/2	3,392.63	1/2	3,014.99
3/4		3/4		3/4		3/4		3/4	4,819.46	3/4	4,490.03	3/4	4,136.53	3/4	3,762.41	3/4	3,384.76	3/4	3,007.12
1		1		1		1		1	4,812.54	1	4,482.95	1	4,128.91	1	3,754.54	1	3,376.90	1	2,999.25
1/4		1/4		1/4		1/4		1/4	4,805.61	1/4	4,475.87	1/4	4,121.28	1/4	3,746.67	1/4	3,369.03	1/4	2,991.38
1/2		1/2		1/2		1/2		1/2	4,798.68	1/2	4,468.79	1/2	4,113.66	1/2	3,738.81	1/2	3,361.16	1/2	2,983.52
3/4		3/4		3/4		3/4		3/4	4,792.02	3/4	4,461.67	3/4	4,106.00	3/4	3,730.94	3/4	3,353.29	3/4	2,975.65
2		2		2		2		2	4,785.36	2	4,454.55	2	4,098.35	2	3,723.07	2	3,345.43	2	2,967.78
1/4		1/4		1/4		1/4		1/4	4,778.69	1/4	4,447.43	1/4	4,090.69	1/4	3,715.20	1/4	3,337.56	1/4	2,959.91
1/2		1/2		1/2		1/2		1/2	4,772.03	1/2	4,440.31	1/2	4,083.03	1/2	3,707.34	1/2	3,329.69	1/2	2,952.05
3/4		3/4		3/4		3/4		3/4	4,765.33	3/4	4,433.13	3/4	4,075.33	3/4	3,699.47	3/4	3,321.82	3/4	2,944.18
3		3		3		3		3	4,758.62	3	4,425.95	3	4,067.63	3	3,691.60	3	3,313.96	3	2,936.31
1/4		1/4		1/4		1/4		1/4	4,751.92	1/4	4,418.77	1/4	4,059.94	1/4	3,683.73	1/4	3,306.09	1/4	2,928.44
1/2		1/2		1/2		1/2		1/2	4,745.22	1/2	4,411.59	1/2	4,052.24	1/2	3,675.87	1/2	3,298.22	1/2	2,920.58
3/4		3/4		3/4		3/4		3/4	4,738.48	3/4	4,404.34	3/4	4,044.51	3/4	3,668.00	3/4	3,290.35	3/4	2,912.71
4		4		4		4		4	4,731.74	4	4,397.08	4	4,036.77	4	3,660.13	4	3,282.49	4	2,904.84
1/4		1/4		1/4		1/4		1/4	4,725.00	1/4	4,389.82	1/4	4,029.04	1/4	3,652.26	1/4	3,274.62	1/4	2,896.97
1/2		1/2		1/2		1/2		1/2	4,718.26	1/2	4,382.56	1/2	4,021.30	1/2	3,644.40	1/2	3,266.75	1/2	2,889.11
3/4		3/4		3/4		3/4		3/4	4,711.48	3/4	4,375.24	3/4	4,013.53	3/4	3,636.53	3/4	3,258.88	3/4	2,881.24
5		5		5		5		5	4,704.70	5	4,367.92	5	4,005.76	5	3,628.66	5	3,251.02	5	2,873.37
1/4		1/4		1/4		1/4		1/4	4,697.92	1/4	4,360.61	1/4	3,997.98	1/4	3,620.79	1/4	3,243.15	1/4	2,865.50
1/2		1/2		1/2		1/2		1/2	4,691.15	1/2	4,353.29	1/2	3,990.21	1/2	3,612.93	1/2	3,235.28	1/2	2,857.64
3/4		3/4		3/4		3/4		3/4	4,684.33	3/4	4,345.93	3/4	3,982.40	3/4	3,605.06	3/4	3,227.41	3/4	2,849.77
6		6		6		6		6	4,677.51	6	4,338.58	6	3,974.59	6	3,597.19	6	3,219.55	6	2,841.90
1/4		1/4		1/4		1/4		1/4	4,670.70	1/4	4,331.22	1/4	3,966.78	1/4	3,589.32	1/4	3,211.68	1/4	2,834.03
1/2		1/2		1/2		1/2		1/2	4,663.88	1/2	4,323.87	1/2	3,958.97	1/2	3,581.45	1/2	3,203.81	1/2	2,826.17
3/4		3/4		3/4		3/4		3/4	4,657.03	3/4	4,316.47	3/4	3,951.12	3/4	3,573.59	3/4	3,195.94	3/4	2,818.30
7		7		7		7		7	4,650.17	7	4,309.08	7	3,943.28	7	3,565.72	7	3,188.07	7	2,810.43
1/4		1/4		1/4		1/4		1/4	4,643.32	1/4	4,301.69	1/4	3,935.44	1/4	3,557.85	1/4	3,180.21	1/4	2,802.56
1/2		1/2		1/2		1/2		1/2	4,966.95	1/2	4,636.47	1/2	4,294.29	1/2	3,927.59	1/2	3,549.98	1/2	3,172.34
3/4		3/4		3/4		3/4		3/4	4,961.46	3/4	4,629.57	3/4	4,286.86	3/4	3,919.73	3/4	3,542.12	3/4	3,164.47
8		8		8		8		8	4,955.97	8	4,622.68	8	4,279.43	8	3,911.88	8	3,534.25	8	3,156.60
1/4		1/4		1/4		1/4		1/4	4,950.49	1/4	4,615.79	1/4	4,272.00	1/4	3,904.02	1/4	3,526.38	1/4	3,148.74
1/2		1/2		1/2		1/2		1/2	4,945.00	1/2	4,608.90	1/2	4,264.57	1/2	3,896.16	1/2	3,518.51	1/2	3,140.87
3/4		3/4		3/4		3/4		3/4	4,938.22	3/4	4,601.97	3/4	4,257.10	3/4	3,888.29	3/4	3,510.65	3/4	3,133.00
9		9		9		9		9	4,931.44	9	4,595.04	9	4,249.63	9	3,880.42	9	3,502.78	9	3,125.13
1/4		1/4		1/4		1/4		1/4	4,924.66	1/4	4,588.11	1/4	4,242.16	1/4	3,872.56	1/4	3,494.91	1/4	3,117.27
1/2		1/2		1/2		1/2		1/2	4,917.88	1/2	4,581.18	1/2	4,234.69	1/2	3,864.69	1/2	3,487.04	1/2	3,109.40
3/4		3/4		3/4		3/4		3/4	4,910.29	3/4	4,574.21	3/4	4,227.18	3/4	3,856.82	3/4	3,479.18	3/4	3,101.53
10		10		10		10		10	4,902.69	10	4,567.24	10	4,219.68	10	3,848.95	10	3,471.31	10	3,093.66
1/4		1/4		1/4		1/4		1/4	4,895.09	1/4	4,560.28	1/4	4,212.17	1/4	3,841.09	1/4	3,463.44	1/4	3,085.80
1/2		1/2		1/2		1/2		1/2	4,887.49	1/2	4,553.31	1/2	4,204.66	1/2	3,833.22	1/2	3,455.57	1/2	3,077.93
3/4		3/4		3/4		3/4		3/4	4,879.71	3/4	4,546.30	3/4	4,197.12	3/4	3,825.35	3/4	3,447.71	3/4	3,070.06
11		11		11		11		11	4,871.93	11	4,539.30	11	4,189.57	11	3,817.48	11	3,439.84	11	3,062.19
1/4		1/4		1/4		1/4		1/4	4,864.14	1/4	4,532.29	1/4	4,182.03	1/4	3,809.62	1/4	3,431.97	1/4	3,054.33
1/2		1/2		1/2		1/2		1/2	4,856.36	1/2	4,525.29	1/2	4,174.48	1/2	3,801.75	1/2	3,424.10	1/2	3,046.46
3/4		3/4		3/4		3/4		3/4	4,848.87	3/4	4,518.24	3/4	4,166.90	3/4	3,793.88	3/4	3,416.24	3/4	3,038.59

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 27781"

**1 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,653.08	0	2,275.43	0	1,897.79	0	1,520.13	0	1,143.23	0	766.58	0	398.39	0	71.58	0		0	
1/4	2,645.21	1/4	2,267.57	1/4	1,889.92	1/4	1,512.27	1/4	1,135.39	1/4	758.71	1/4	390.85	1/4	66.01	1/4		1/4	
1/2	2,637.34	1/2	2,259.70	1/2	1,882.05	1/2	1,504.40	1/2	1,127.54	1/2	750.84	1/2	383.32	1/2	60.44	1/2		1/2	
3/4	2,629.48	3/4	2,251.83	3/4	1,874.18	3/4	1,496.54	3/4	1,119.71	3/4	742.98	3/4	375.90	3/4	54.54	3/4		3/4	
1	2,621.61	1	2,243.96	1	1,866.32	1	1,488.69	1	1,111.87	1	735.11	1	368.47	1	48.65	1		1	
1/4	2,613.74	1/4	2,236.10	1/4	1,858.45	1/4	1,480.84	1/4	1,104.03	1/4	727.24	1/4	361.05	1/4	42.75	1/4		1/4	
1/2	2,605.87	1/2	2,228.23	1/2	1,850.58	1/2	1,472.98	1/2	1,096.19	1/2	719.37	1/2	353.63	1/2	36.86	1/2		1/2	
3/4	2,598.00	3/4	2,220.36	3/4	1,842.71	3/4	1,465.14	3/4	1,088.35	3/4	711.50	3/4	346.30	3/4	31.46	3/4		3/4	
2	2,590.14	2	2,212.49	2	1,834.85	2	1,457.30	2	1,080.51	2	703.63	2	338.97	2	26.07	2		2	
1/4	2,582.27	1/4	2,204.62	1/4	1,826.98	1/4	1,449.46	1/4	1,072.67	1/4	695.77	1/4	331.65	1/4	20.67	1/4		1/4	
1/2	2,574.40	1/2	2,196.76	1/2	1,819.11	1/2	1,441.62	1/2	1,064.83	1/2	687.90	1/2	324.32	1/2	15.28	1/2		1/2	
3/4	2,566.53	3/4	2,188.89	3/4	1,811.24	3/4	1,433.78	3/4	1,056.99	3/4	680.03	3/4	317.08	3/4	11.91	3/4		3/4	
3	2,558.67	3	2,181.02	3	1,803.37	3	1,425.94	3	1,049.15	3	672.16	3	309.85	3	8.54	3		3	
1/4	2,550.80	1/4	2,173.15	1/4	1,795.51	1/4	1,418.10	1/4	1,041.31	1/4	664.29	1/4	302.61	1/4		1/4		1/4	
1/2	2,542.93	1/2	2,165.29	1/2	1,787.64	1/2	1,410.26	1/2	1,033.47	1/2	656.43	1/2	295.37	1/2		1/2		1/2	
3/4	2,535.06	3/4	2,157.42	3/4	1,779.77	3/4	1,402.42	3/4	1,025.64	3/4	648.56	3/4	288.23	3/4		3/4		3/4	
4	2,527.20	4	2,149.55	4	1,771.90	4	1,394.58	4	1,017.80	4	640.69	4	281.09	4		4		4	
1/4	2,519.33	1/4	2,141.68	1/4	1,764.04	1/4	1,386.74	1/4	1,009.96	1/4	632.82	1/4	273.95	1/4		1/4		1/4	
1/2	2,511.46	1/2	2,133.82	1/2	1,756.17	1/2	1,378.90	1/2	1,002.12	1/2	624.95	1/2	266.81	1/2		1/2		1/2	
3/4	2,503.59	3/4	2,125.95	3/4	1,748.30	3/4	1,371.06	3/4	994.28	3/4	617.09	3/4	259.77	3/4		3/4		3/4	
5	2,495.73	5	2,118.08	5	1,740.43	5	1,363.22	5	986.44	5	609.22	5	252.74	5		5		5	
1/4	2,487.86	1/4	2,110.21	1/4	1,732.56	1/4	1,355.38	1/4	978.60	1/4	601.35	1/4	245.70	1/4		1/4		1/4	
1/2	2,479.99	1/2	2,102.35	1/2	1,724.70	1/2	1,347.54	1/2	970.76	1/2	593.48	1/2	238.66	1/2		1/2		1/2	
3/4	2,472.12	3/4	2,094.48	3/4	1,716.83	3/4	1,339.69	3/4	962.92	3/4	585.61	3/4	231.73	3/4		3/4		3/4	
6	2,464.26	6	2,086.61	6	1,708.96	6	1,331.85	6	955.08	6	577.74	6	224.80	6		6		6	
1/4	2,456.39	1/4	2,078.74	1/4	1,701.09	1/4	1,324.01	1/4	947.24	1/4	569.88	1/4	217.87	1/4		1/4		1/4	
1/2	2,448.52	1/2	2,070.88	1/2	1,693.23	1/2	1,316.17	1/2	939.40	1/2	562.01	1/2	210.93	1/2		1/2		1/2	
3/4	2,440.65	3/4	2,063.01	3/4	1,685.36	3/4	1,308.32	3/4	931.56	3/4	554.14	3/4	204.11	3/4		3/4		3/4	
7	2,432.79	7	2,055.14	7	1,677.49	7	1,300.46	7	923.73	7	546.27	7	197.29	7		7		7	
1/4	2,424.92	1/4	2,047.27	1/4	1,669.62	1/4	1,292.61	1/4	915.89	1/4	538.40	1/4	190.47	1/4		1/4		1/4	
1/2	2,417.05	1/2	2,039.41	1/2	1,661.75	1/2	1,284.75	1/2	908.05	1/2	530.53	1/2	183.65	1/2		1/2		1/2	
3/4	2,409.18	3/4	2,031.54	3/4	1,653.89	3/4	1,276.88	3/4	900.21	3/4	522.90	3/4	176.94	3/4		3/4		3/4	
8	2,401.31	8	2,023.67	8	1,646.02	8	1,269.02	8	892.36	8	515.26	8	170.24	8		8		8	
1/4	2,393.45	1/4	2,015.80	1/4	1,638.15	1/4	1,261.15	1/4	884.52	1/4	507.62	1/4	163.54	1/4		1/4		1/4	
1/2	2,385.58	1/2	2,007.94	1/2	1,630.28	1/2	1,253.28	1/2	876.68	1/2	499.99	1/2	156.83	1/2		1/2		1/2	
3/4	2,377.71	3/4	2,000.07	3/4	1,622.42	3/4	1,245.41	3/4	868.83	3/4	492.84	3/4	150.24	3/4		3/4		3/4	
9	2,369.84	9	1,992.20	9	1,614.55	9	1,237.54	9	860.97	9	485.70	9	143.65	9		9		9	
1/4	2,361.98	1/4	1,984.33	1/4	1,606.68	1/4	1,229.67	1/4	853.12	1/4	478.55	1/4	137.07	1/4		1/4		1/4	
1/2	2,354.11	1/2	1,976.47	1/2	1,598.81	1/2	1,221.81	1/2	845.26	1/2	471.41	1/2	130.48	1/2		1/2		1/2	
3/4	2,346.24	3/4	1,968.60	3/4	1,590.94	3/4	1,213.94	3/4	837.39	3/4	464.34	3/4	124.22	3/4		3/4		3/4	
10	2,338.37	10	1,960.73	10	1,583.08	10	1,206.07	10	829.52	10	457.27	10	117.97	10		10		10	
1/4	2,330.51	1/4	1,952.86	1/4	1,575.21	1/4	1,198.20	1/4	821.66	1/4	450.21	1/4	111.72	1/4		1/4		1/4	
1/2	2,322.64	1/2	1,945.00	1/2	1,567.34	1/2	1,190.33	1/2	813.79	1/2	443.14	1/2	105.46	1/2		1/2		1/2	
3/4	2,314.77	3/4	1,937.13	3/4	1,559.47	3/4	1,182.48	3/4	805.92	3/4	435.72	3/4	99.78	3/4		3/4		3/4	
11	2,306.90	11	1,929.26	11	1,551.61	11	1,174.62	11	798.05	11	428.30	11	94.09	11		11		11	
1/4	2,299.04	1/4	1,921.39	1/4	1,543.74	1/4	1,166.77	1/4	790.18	1/4	420.88	1/4	88.40	1/4		1/4		1/4	
1/2	2,291.17	1/2	1,913.52	1/2	1,535.87	1/2	1,158.91	1/2	782.32	1/2	413.46	1/2	82.72	1/2		1/2		1/2	
3/4	2,283.30	3/4	1,905.66	3/4	1,528.00	3/4	1,151.07	3/4	774.45	3/4	405.92	3/4	77.15	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2012 CL-SW
CALCULATED: 02/19/2012 CL
PRINTED: 06/01/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

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



BARGE "KIRBY 27781"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,645.12	0	4,332.49	0	3,997.19	0	3,641.99	0	3,283.20	0	2,924.41
1/4		1/4		1/4		1/4		1/4	4,638.54	1/4	4,325.76	1/4	3,989.95	1/4	3,634.51	1/4	3,275.72	1/4	2,916.93
1/2		1/2		1/2		1/2		1/2	4,631.97	1/2	4,319.04	1/2	3,982.71	1/2	3,627.04	1/2	3,268.55	1/2	2,909.46
3/4		3/4		3/4		3/4		3/4	4,625.39	3/4	4,312.31	3/4	3,975.47	3/4	3,619.57	3/4	3,260.77	3/4	2,901.98
1		1		1		1		1	4,618.82	1	4,305.59	1	3,968.23	1	3,612.09	1	3,253.30	1	2,894.51
1/4		1/4		1/4		1/4		1/4	4,612.49	1/4	4,298.83	1/4	3,960.95	1/4	3,604.62	1/4	3,245.83	1/4	2,887.03
1/2		1/2		1/2		1/2		1/2	4,606.16	1/2	4,292.07	1/2	3,953.68	1/2	3,597.14	1/2	3,238.35	1/2	2,879.56
3/4		3/4		3/4		3/4		3/4	4,599.84	3/4	4,285.31	3/4	3,946.40	3/4	3,589.67	3/4	3,230.88	3/4	2,872.09
2		2		2		2		2	4,593.51	2	4,278.55	2	3,939.12	2	3,582.19	2	3,223.40	2	2,864.61
1/4		1/4		1/4		1/4		1/4	4,587.14	1/4	4,271.73	1/4	3,931.81	1/4	3,574.72	1/4	3,215.93	1/4	2,857.14
1/2		1/2		1/2		1/2		1/2	4,580.78	1/2	4,264.92	1/2	3,924.50	1/2	3,567.24	1/2	3,208.45	1/2	2,849.66
3/4		3/4		3/4		3/4		3/4	4,574.42	3/4	4,258.10	3/4	3,917.19	3/4	3,559.77	3/4	3,200.98	3/4	2,842.19
3		3		3		3		3	4,568.05	3	4,251.28	3	3,909.87	3	3,552.29	3	3,193.50	3	2,834.71
1/4		1/4		1/4		1/4		1/4	4,561.65	1/4	4,244.39	1/4	3,902.53	1/4	3,544.82	1/4	3,186.03	1/4	2,827.24
1/2		1/2		1/2		1/2		1/2	4,555.26	1/2	4,237.49	1/2	3,895.18	1/2	3,537.34	1/2	3,178.55	1/2	2,819.76
3/4		3/4		3/4		3/4		3/4	4,548.86	3/4	4,230.60	3/4	3,887.83	3/4	3,529.87	3/4	3,171.08	3/4	2,812.29
4		4		4		4		4	4,542.46	4	4,223.70	4	3,880.48	4	3,522.39	4	3,163.60	4	2,804.81
1/4		1/4		1/4		1/4		1/4	4,536.02	1/4	4,216.75	1/4	3,873.10	1/4	3,514.92	1/4	3,156.13	1/4	2,797.34
1/2		1/2		1/2		1/2		1/2	4,529.59	1/2	4,209.80	1/2	3,865.71	1/2	3,507.44	1/2	3,148.65	1/2	2,789.86
3/4		3/4		3/4		3/4		3/4	4,523.15	3/4	4,202.85	3/4	3,858.33	3/4	3,499.97	3/4	3,141.18	3/4	2,782.39
5		5		5		5		5	4,516.71	5	4,195.89	5	3,850.94	5	3,492.49	5	3,133.70	5	2,774.91
1/4		1/4		1/4		1/4		1/4	4,510.24	1/4	4,188.91	1/4	3,843.52	1/4	3,485.02	1/4	3,126.23	1/4	2,767.44
1/2		1/2		1/2		1/2		1/2	4,503.77	1/2	4,181.92	1/2	3,836.10	1/2	3,477.54	1/2	3,118.75	1/2	2,759.96
3/4		3/4		3/4		3/4		3/4	4,497.30	3/4	4,174.93	3/4	3,828.68	3/4	3,470.07	3/4	3,111.28	3/4	2,752.49
6		6		6		6		6	4,490.83	6	4,167.94	6	3,821.26	6	3,462.59	6	3,103.80	6	2,745.01
1/4		1/4		1/4		1/4		1/4	4,484.32	1/4	4,160.92	1/4	3,813.81	1/4	3,455.12	1/4	3,096.33	1/4	2,737.54
1/2		1/2		1/2		1/2		1/2	4,477.81	1/2	4,153.89	1/2	3,806.35	1/2	3,447.64	1/2	3,088.85	1/2	2,730.06
3/4		3/4		3/4		3/4		3/4	4,471.31	3/4	4,146.87	3/4	3,798.90	3/4	3,440.17	3/4	3,081.38	3/4	2,722.59
7		7		7		7	4,778.58	7	4,464.80	7	4,139.84	7	3,791.45	7	3,432.70	7	3,073.90	7	2,715.11
1/4		1/4		1/4		1/4	4,773.37	1/4	4,458.25	1/4	4,132.78	1/4	3,783.98	1/4	3,425.22	1/4	3,066.43	1/4	2,707.64
1/2		1/2		1/2		1/2	4,768.16	1/2	4,451.71	1/2	4,125.72	1/2	3,776.52	1/2	3,417.75	1/2	3,058.96	1/2	2,700.16
3/4		3/4		3/4		3/4	4,762.95	3/4	4,445.17	3/4	4,118.66	3/4	3,769.05	3/4	3,410.27	3/4	3,051.48	3/4	2,692.69
8		8		8		8	4,757.74	8	4,438.62	8	4,111.60	8	3,761.59	8	3,402.80	8	3,044.01	8	2,685.22
1/4		1/4		1/4		1/4	4,751.31	1/4	4,432.04	1/4	4,104.50	1/4	3,754.11	1/4	3,395.32	1/4	3,036.53	1/4	2,677.74
1/2		1/2		1/2		1/2	4,744.87	1/2	4,425.46	1/2	4,097.41	1/2	3,746.64	1/2	3,387.85	1/2	3,029.06	1/2	2,670.27
3/4		3/4		3/4		3/4	4,738.43	3/4	4,418.88	3/4	4,090.31	3/4	3,739.16	3/4	3,380.37	3/4	3,021.58	3/4	2,662.79
9		9		9		9	4,732.00	9	4,412.31	9	4,083.22	9	3,731.69	9	3,372.90	9	3,014.11	9	2,655.32
1/4		1/4		1/4		1/4	4,724.78	1/4	4,405.69	1/4	4,076.08	1/4	3,724.21	1/4	3,365.42	1/4	3,006.63	1/4	2,647.84
1/2		1/2		1/2		1/2	4,717.57	1/2	4,399.07	1/2	4,068.95	1/2	3,716.74	1/2	3,357.95	1/2	2,999.16	1/2	2,640.37
3/4		3/4		3/4		3/4	4,710.36	3/4	4,392.46	3/4	4,061.82	3/4	3,709.26	3/4	3,350.47	3/4	2,991.68	3/4	2,632.89
10		10		10		10	4,703.14	10	4,385.84	10	4,054.69	10	3,701.79	10	3,343.00	10	2,984.21	10	2,625.42
1/4		1/4		1/4		1/4	4,695.75	1/4	4,379.19	1/4	4,047.52	1/4	3,694.31	1/4	3,335.52	1/4	2,976.73	1/4	2,617.94
1/2		1/2		1/2		1/2	4,688.36	1/2	4,372.54	1/2	4,040.35	1/2	3,686.84	1/2	3,328.05	1/2	2,969.26	1/2	2,610.47
3/4		3/4		3/4		3/4	4,680.97	3/4	4,365.89	3/4	4,033.18	3/4	3,679.36	3/4	3,320.57	3/4	2,961.78	3/4	2,602.99
11		11		11		11	4,673.58	11	4,359.24	11	4,026.01	11	3,671.89	11	3,313.10	11	2,954.31	11	2,595.52
1/4		1/4		1/4		1/4	4,666.46	1/4	4,352.55	1/4	4,018.81	1/4	3,664.41	1/4	3,305.62	1/4	2,946.83	1/4	2,588.04
1/2		1/2		1/2		1/2	4,659.35	1/2	4,345.86	1/2	4,011.60	1/2	3,656.94	1/2	3,298.15	1/2	2,939.36	1/2	2,580.57
3/4		3/4		3/4		3/4	4,652.23	3/4	4,339.17	3/4	4,004.40	3/4	3,649.46	3/4	3,290.67	3/4	2,931.88	3/4	2,573.09

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 27781"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,565.62	0	2,206.83	0	1,848.04	0	1,489.56	0	1,137.48	0	792.28	0	440.64	0	88.93	0		0	
1/4	2,558.14	1/4	2,199.35	1/4	1,840.56	1/4	1,482.25	1/4	1,130.33	1/4	784.80	1/4	433.19	1/4	81.75	1/4		1/4	
1/2	2,550.67	1/2	2,191.88	1/2	1,833.09	1/2	1,474.93	1/2	1,123.19	1/2	777.33	1/2	425.75	1/2	74.57	1/2		1/2	
3/4	2,543.19	3/4	2,184.40	3/4	1,825.61	3/4	1,467.62	3/4	1,116.04	3/4	769.85	3/4	418.30	3/4	67.39	3/4		3/4	
1	2,535.72	1	2,176.93	1	1,818.14	1	1,460.31	1	1,108.90	1	762.37	1	410.86	1	60.21	1		1	
1/4	2,528.24	1/4	2,169.45	1/4	1,810.66	1/4	1,453.00	1/4	1,101.75	1/4	754.90	1/4	403.40	1/4	53.40	1/4		1/4	
1/2	2,520.77	1/2	2,161.98	1/2	1,803.19	1/2	1,445.68	1/2	1,094.60	1/2	747.42	1/2	395.95	1/2	46.60	1/2		1/2	
3/4	2,513.29	3/4	2,154.50	3/4	1,795.71	3/4	1,438.37	3/4	1,087.46	3/4	739.95	3/4	388.50	3/4	39.80	3/4		3/4	
2	2,505.82	2	2,147.03	2	1,788.24	2	1,431.06	2	1,080.31	2	732.47	2	381.04	2	33.00	2		2	
1/4	2,498.35	1/4	2,139.55	1/4	1,780.76	1/4	1,423.74	1/4	1,073.17	1/4	725.00	1/4	373.58	1/4	28.02	1/4		1/4	
1/2	2,490.87	1/2	2,132.08	1/2	1,773.29	1/2	1,416.43	1/2	1,066.02	1/2	717.52	1/2	366.11	1/2	23.04	1/2		1/2	
3/4	2,483.40	3/4	2,124.61	3/4	1,765.81	3/4	1,409.12	3/4	1,058.88	3/4	710.05	3/4	358.64	3/4		3/4		3/4	
3	2,475.92	3	2,117.13	3	1,758.34	3	1,401.80	3	1,051.73	3	702.57	3	351.17	3		3		3	
1/4	2,468.45	1/4	2,109.66	1/4	1,750.86	1/4	1,394.49	1/4	1,044.59	1/4	695.10	1/4	343.70	1/4		1/4		1/4	
1/2	2,460.97	1/2	2,102.18	1/2	1,743.39	1/2	1,387.18	1/2	1,037.44	1/2	687.62	1/2	336.23	1/2		1/2		1/2	
3/4	2,453.50	3/4	2,094.71	3/4	1,735.91	3/4	1,379.86	3/4	1,030.30	3/4	680.15	3/4	328.75	3/4		3/4		3/4	
4	2,446.02	4	2,087.23	4	1,728.44	4	1,372.55	4	1,023.15	4	672.67	4	321.28	4		4		4	
1/4	2,438.55	1/4	2,079.76	1/4	1,720.96	1/4	1,365.24	1/4	1,016.01	1/4	665.20	1/4	313.80	1/4		1/4		1/4	
1/2	2,431.07	1/2	2,072.28	1/2	1,713.49	1/2	1,357.92	1/2	1,008.86	1/2	657.72	1/2	306.33	1/2		1/2		1/2	
3/4	2,423.60	3/4	2,064.81	3/4	1,706.01	3/4	1,350.61	3/4	1,001.72	3/4	650.24	3/4	298.85	3/4		3/4		3/4	
5	2,416.12	5	2,057.33	5	1,698.54	5	1,343.30	5	994.57	5	642.77	5	291.38	5		5		5	
1/4	2,408.65	1/4	2,049.86	1/4	1,691.06	1/4	1,335.90	1/4	987.43	1/4	635.29	1/4	283.90	1/4		1/4		1/4	
1/2	2,401.17	1/2	2,042.38	1/2	1,683.59	1/2	1,328.51	1/2	980.28	1/2	627.82	1/2	276.43	1/2		1/2		1/2	
3/4	2,393.70	3/4	2,034.91	3/4	1,676.11	3/4	1,321.11	3/4	973.13	3/4	620.34	3/4	268.96	3/4		3/4		3/4	
6	2,386.22	6	2,027.43	6	1,668.64	6	1,313.72	6	965.99	6	612.87	6	261.48	6		6		6	
1/4	2,378.75	1/4	2,019.96	1/4	1,661.16	1/4	1,306.24	1/4	958.84	1/4	605.39	1/4	254.01	1/4		1/4		1/4	
1/2	2,371.27	1/2	2,012.48	1/2	1,653.69	1/2	1,298.77	1/2	951.70	1/2	597.92	1/2	246.55	1/2		1/2		1/2	
3/4	2,363.80	3/4	2,005.01	3/4	1,646.21	3/4	1,291.29	3/4	944.55	3/4	590.44	3/4	239.08	3/4		3/4		3/4	
7	2,356.32	7	1,997.53	7	1,638.74	7	1,283.82	7	937.41	7	582.96	7	231.61	7		7		7	
1/4	2,348.85	1/4	1,990.06	1/4	1,631.26	1/4	1,276.34	1/4	930.26	1/4	575.71	1/4	224.16	1/4		1/4		1/4	
1/2	2,341.37	1/2	1,982.59	1/2	1,623.79	1/2	1,268.87	1/2	923.11	1/2	568.45	1/2	216.71	1/2		1/2		1/2	
3/4	2,333.90	3/4	1,975.11	3/4	1,616.31	3/4	1,261.39	3/4	915.97	3/4	561.20	3/4	209.26	3/4		3/4		3/4	
8	2,326.42	8	1,967.64	8	1,608.84	8	1,253.91	8	908.82	8	553.94	8	201.80	8		8		8	
1/4	2,318.95	1/4	1,960.16	1/4	1,601.36	1/4	1,246.44	1/4	901.66	1/4	547.13	1/4	194.36	1/4		1/4		1/4	
1/2	2,311.48	1/2	1,952.69	1/2	1,593.89	1/2	1,238.96	1/2	894.50	1/2	540.32	1/2	186.92	1/2		1/2		1/2	
3/4	2,304.00	3/4	1,945.21	3/4	1,586.41	3/4	1,231.49	3/4	887.33	3/4	533.51	3/4	179.47	3/4		3/4		3/4	
9	2,296.53	9	1,937.74	9	1,578.94	9	1,224.01	9	880.17	9	526.69	9	172.03	9		9		9	
1/4	2,289.05	1/4	1,930.26	1/4	1,571.46	1/4	1,216.69	1/4	873.00	1/4	519.88	1/4	164.81	1/4		1/4		1/4	
1/2	2,281.58	1/2	1,922.79	1/2	1,563.99	1/2	1,209.36	1/2	865.82	1/2	513.07	1/2	157.59	1/2		1/2		1/2	
3/4	2,274.10	3/4	1,915.31	3/4	1,556.51	3/4	1,202.04	3/4	858.65	3/4	506.25	3/4	150.36	3/4		3/4		3/4	
10	2,266.63	10	1,907.84	10	1,549.04	10	1,194.71	10	851.48	10	499.44	10	143.14	10		10		10	
1/4	2,259.15	1/4	1,900.36	1/4	1,541.56	1/4	1,187.55	1/4	844.15	1/4	492.19	1/4	136.36	1/4		1/4		1/4	
1/2	2,251.68	1/2	1,892.89	1/2	1,534.09	1/2	1,180.39	1/2	836.83	1/2	484.95	1/2	129.58	1/2		1/2		1/2	
3/4	2,244.20	3/4	1,885.41	3/4	1,526.61	3/4	1,173.23	3/4	829.50	3/4	477.70	3/4	122.79	3/4		3/4		3/4	
11	2,236.73	11	1,877.94	11	1,519.14	11	1,166.06	11	822.18	11	470.45	11	116.01	11		11		11	
1/4	2,229.25	1/4	1,870.46	1/4	1,511.74	1/4	1,158.92	1/4	814.70	1/4	463.00	1/4	109.24	1/4		1/4		1/4	
1/2	2,221.78	1/2	1,862.99	1/2	1,504.35	1/2	1,151.77	1/2	807.23	1/2	455.54	1/2	102.47	1/2		1/2		1/2	
3/4	2,214.30	3/4	1,855.51	3/4	1,496.95	3/4	1,144.62	3/4	799.75	3/4	448.09	3/4	95.70	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2012 CL-SW
CALCULATED: 02/19/2012 CL
PRINTED: 06/01/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

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



BARGE "KIRBY 27781"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,687.46	0	4,373.26	0	4,040.18	0	3,686.17	0	3,327.51	0	2,968.86
1/4		1/4		1/4		1/4		1/4	4,680.34	1/4	4,366.58	1/4	4,032.97	1/4	3,678.70	1/4	3,320.04	1/4	2,961.39
1/2		1/2		1/2		1/2		1/2	4,673.23	1/2	4,359.89	1/2	4,025.77	1/2	3,671.23	1/2	3,312.57	1/2	2,953.91
3/4		3/4		3/4		3/4		3/4	4,666.12	3/4	4,353.21	3/4	4,018.57	3/4	3,663.75	3/4	3,305.10	3/4	2,946.44
1		1		1		1		1	4,659.01	1	4,346.52	1	4,011.37	1	3,656.28	1	3,297.63	1	2,938.97
1/4		1/4		1/4		1/4		1/4	4,652.43	1/4	4,339.80	1/4	4,004.13	1/4	3,648.81	1/4	3,290.15	1/4	2,931.50
1/2		1/2		1/2		1/2		1/2	4,645.86	1/2	4,333.08	1/2	3,996.89	1/2	3,641.34	1/2	3,282.68	1/2	2,924.03
3/4		3/4		3/4		3/4		3/4	4,639.29	3/4	4,326.36	3/4	3,989.66	3/4	3,633.87	3/4	3,275.21	3/4	2,916.55
2		2		2		2		2	4,632.72	2	4,319.64	2	3,982.42	2	3,626.39	2	3,267.74	2	2,909.08
1/4		1/4		1/4		1/4		1/4	4,626.39	1/4	4,312.88	1/4	3,975.14	1/4	3,618.92	1/4	3,260.27	1/4	2,901.61
1/2		1/2		1/2		1/2		1/2	4,620.07	1/2	4,306.13	1/2	3,967.87	1/2	3,611.45	1/2	3,252.79	1/2	2,894.14
3/4		3/4		3/4		3/4		3/4	4,613.75	3/4	4,299.37	3/4	3,960.60	3/4	3,603.98	3/4	3,245.32	3/4	2,886.67
3		3		3		3		3	4,607.42	3	4,292.61	3	3,953.32	3	3,596.51	3	3,237.85	3	2,879.19
1/4		1/4		1/4		1/4		1/4	4,601.06	1/4	4,285.80	1/4	3,946.01	1/4	3,589.03	1/4	3,230.38	1/4	2,871.72
1/2		1/2		1/2		1/2		1/2	4,594.70	1/2	4,278.98	1/2	3,938.70	1/2	3,581.56	1/2	3,222.91	1/2	2,864.25
3/4		3/4		3/4		3/4		3/4	4,588.34	3/4	4,272.17	3/4	3,931.39	3/4	3,574.09	3/4	3,215.43	3/4	2,856.78
4		4		4		4		4	4,581.98	4	4,265.36	4	3,924.08	4	3,566.62	4	3,207.96	4	2,849.31
1/4		1/4		1/4		1/4		1/4	4,575.58	1/4	4,258.46	1/4	3,916.74	1/4	3,559.15	1/4	3,200.49	1/4	2,841.83
1/2		1/2		1/2		1/2		1/2	4,569.19	1/2	4,251.57	1/2	3,909.39	1/2	3,551.67	1/2	3,193.02	1/2	2,834.36
3/4		3/4		3/4		3/4		3/4	4,562.79	3/4	4,244.68	3/4	3,902.05	3/4	3,544.20	3/4	3,185.55	3/4	2,826.89
5		5		5		5		5	4,556.40	5	4,237.79	5	3,894.70	5	3,536.73	5	3,178.07	5	2,819.42
1/4		1/4		1/4		1/4		1/4	4,549.96	1/4	4,230.84	1/4	3,887.32	1/4	3,529.26	1/4	3,170.60	1/4	2,811.95
1/2		1/2		1/2		1/2		1/2	4,543.53	1/2	4,223.89	1/2	3,879.94	1/2	3,521.79	1/2	3,163.13	1/2	2,804.47
3/4		3/4		3/4		3/4		3/4	4,537.10	3/4	4,216.94	3/4	3,872.56	3/4	3,514.31	3/4	3,155.66	3/4	2,797.00
6		6		6		6		6	4,530.67	6	4,209.99	6	3,865.17	6	3,506.84	6	3,148.19	6	2,789.53
1/4		1/4		1/4		1/4		1/4	4,524.20	1/4	4,203.00	1/4	3,857.76	1/4	3,499.37	1/4	3,140.71	1/4	2,782.06
1/2		1/2		1/2		1/2		1/2	4,517.73	1/2	4,196.02	1/2	3,850.34	1/2	3,491.90	1/2	3,133.24	1/2	2,774.59
3/4		3/4		3/4		3/4		3/4	4,511.26	3/4	4,189.03	3/4	3,842.92	3/4	3,484.43	3/4	3,125.77	3/4	2,767.11
7		7		7		7		7	4,504.79	7	4,182.05	7	3,835.50	7	3,476.95	7	3,118.30	7	2,759.64
1/4		1/4		1/4		1/4		1/4	4,498.29	1/4	4,175.03	1/4	3,828.05	1/4	3,469.48	1/4	3,110.83	1/4	2,752.17
1/2		1/2		1/2		1/2		1/2	4,491.78	1/2	4,168.00	1/2	3,820.60	1/2	3,462.01	1/2	3,103.35	1/2	2,744.70
3/4		3/4		3/4		3/4		3/4	4,485.28	3/4	4,160.98	3/4	3,813.15	3/4	3,454.54	3/4	3,095.88	3/4	2,737.23
8		8		8		8	4,792.43	8	4,478.77	8	4,153.96	8	3,805.70	8	3,447.07	8	3,088.41	8	2,729.75
1/4		1/4		1/4		1/4		1/4	4,478.22	1/4	4,146.90	1/4	3,798.24	1/4	3,439.59	1/4	3,080.94	1/4	2,722.28
1/2		1/2		1/2		1/2		1/2	4,472.01	1/2	4,140.69	1/2	3,790.77	1/2	3,432.12	1/2	3,073.47	1/2	2,714.81
3/4		3/4		3/4		3/4		3/4	4,476.81	3/4	4,134.95	3/4	3,783.30	3/4	3,424.65	3/4	3,065.99	3/4	2,707.34
9		9		9		9	4,771.60	9	4,452.61	9	4,125.73	9	3,775.83	9	3,417.18	9	3,058.52	9	2,699.87
1/4		1/4		1/4		1/4		1/4	4,465.16	1/4	4,118.64	1/4	3,768.36	1/4	3,409.71	1/4	3,051.05	1/4	2,692.39
1/2		1/2		1/2		1/2		1/2	4,458.73	1/2	4,111.54	1/2	3,760.89	1/2	3,402.23	1/2	3,043.58	1/2	2,684.92
3/4		3/4		3/4		3/4		3/4	4,452.30	3/4	4,104.45	3/4	3,753.42	3/4	3,394.76	3/4	3,036.11	3/4	2,677.45
10		10		10		10	4,745.86	10	4,426.31	10	4,097.36	10	3,745.95	10	3,387.29	10	3,028.63	10	2,669.98
1/4		1/4		1/4		1/4		1/4	4,438.65	1/4	4,109.69	1/4	3,738.47	1/4	3,379.82	1/4	3,021.16	1/4	2,662.51
1/2		1/2		1/2		1/2		1/2	4,431.43	1/2	4,103.08	1/2	3,731.00	1/2	3,372.35	1/2	3,013.69	1/2	2,655.03
3/4		3/4		3/4		3/4		3/4	4,424.22	3/4	4,096.47	3/4	3,723.53	3/4	3,364.87	3/4	3,006.22	3/4	2,647.56
11		11		11		11	4,717.01	11	4,399.85	11	4,068.84	11	3,716.06	11	3,357.40	11	2,998.75	11	2,640.09
1/4		1/4		1/4		1/4		1/4	4,409.62	1/4	4,393.21	1/4	4,061.67	1/4	3,349.93	1/4	2,991.27	1/4	2,632.62
1/2		1/2		1/2		1/2		1/2	4,402.23	1/2	4,386.56	1/2	4,054.51	1/2	3,342.46	1/2	2,983.80	1/2	2,625.15
3/4		3/4		3/4		3/4		3/4	4,394.85	3/4	4,379.91	3/4	4,047.34	3/4	3,334.99	3/4	2,976.33	3/4	2,617.67

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 27781"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,610.20	0	2,251.55	0	1,892.88	0	1,534.22	0	1,179.47	0	821.86	0	470.27	0	115.96	0		0	
1/4	2,602.73	1/4	2,244.07	1/4	1,885.41	1/4	1,526.83	1/4	1,172.03	1/4	814.39	1/4	462.82	1/4	109.19	1/4		1/4	
1/2	2,595.26	1/2	2,236.60	1/2	1,877.94	1/2	1,519.44	1/2	1,164.58	1/2	806.92	1/2	455.37	1/2	102.43	1/2		1/2	
3/4	2,587.79	3/4	2,229.13	3/4	1,870.47	3/4	1,512.05	3/4	1,157.14	3/4	799.45	3/4	447.92	3/4	95.66	3/4		3/4	
1	2,580.31	1	2,221.66	1	1,863.00	1	1,504.66	1	1,149.69	1	791.97	1	440.47	1	88.89	1		1	
1/4	2,572.84	1/4	2,214.19	1/4	1,855.52	1/4	1,497.34	1/4	1,142.25	1/4	784.50	1/4	433.03	1/4	81.71	1/4		1/4	
1/2	2,565.37	1/2	2,206.71	1/2	1,848.05	1/2	1,490.03	1/2	1,134.80	1/2	777.03	1/2	425.58	1/2	74.54	1/2		1/2	
3/4	2,557.90	3/4	2,199.24	3/4	1,840.58	3/4	1,482.72	3/4	1,127.36	3/4	769.56	3/4	418.14	3/4	67.36	3/4		3/4	
2	2,550.43	2	2,191.77	2	1,833.11	2	1,475.41	2	1,119.92	2	762.08	2	410.70	2	60.18	2		2	
1/4	2,542.95	1/4	2,184.30	1/4	1,825.63	1/4	1,468.10	1/4	1,112.47	1/4	754.61	1/4	403.25	1/4	53.38	1/4		1/4	
1/2	2,535.48	1/2	2,176.83	1/2	1,818.16	1/2	1,460.79	1/2	1,105.03	1/2	747.14	1/2	395.80	1/2	46.58	1/2		1/2	
3/4	2,528.01	3/4	2,169.35	3/4	1,810.69	3/4	1,453.48	3/4	1,097.58	3/4	739.67	3/4	388.35	3/4	39.78	3/4		3/4	
3	2,520.54	3	2,161.88	3	1,803.22	3	1,446.17	3	1,090.14	3	732.19	3	380.90	3	32.98	3		3	
1/4	2,513.07	1/4	2,154.41	1/4	1,795.75	1/4	1,438.86	1/4	1,082.70	1/4	724.72	1/4	373.43	1/4	28.01	1/4		1/4	
1/2	2,505.59	1/2	2,146.94	1/2	1,788.27	1/2	1,431.55	1/2	1,075.25	1/2	717.25	1/2	365.97	1/2	23.03	1/2		1/2	
3/4	2,498.12	3/4	2,139.47	3/4	1,780.80	3/4	1,424.24	3/4	1,067.81	3/4	709.78	3/4	358.50	3/4		3/4		3/4	
4	2,490.65	4	2,131.99	4	1,773.33	4	1,416.93	4	1,060.37	4	702.30	4	351.04	4		4		4	
1/4	2,483.18	1/4	2,124.52	1/4	1,765.86	1/4	1,409.62	1/4	1,052.92	1/4	694.83	1/4	343.57	1/4		1/4		1/4	
1/2	2,475.71	1/2	2,117.05	1/2	1,758.39	1/2	1,402.31	1/2	1,045.48	1/2	687.36	1/2	336.10	1/2		1/2		1/2	
3/4	2,468.23	3/4	2,109.58	3/4	1,750.91	3/4	1,395.00	3/4	1,038.03	3/4	679.89	3/4	328.62	3/4		3/4		3/4	
5	2,460.76	5	2,102.11	5	1,743.44	5	1,387.69	5	1,030.59	5	672.41	5	321.15	5		5		5	
1/4	2,453.29	1/4	2,094.63	1/4	1,735.97	1/4	1,380.38	1/4	1,023.15	1/4	664.94	1/4	313.68	1/4		1/4		1/4	
1/2	2,445.82	1/2	2,087.16	1/2	1,728.50	1/2	1,373.07	1/2	1,015.70	1/2	657.47	1/2	306.21	1/2		1/2		1/2	
3/4	2,438.35	3/4	2,079.69	3/4	1,721.02	3/4	1,365.76	3/4	1,008.26	3/4	649.99	3/4	298.74	3/4		3/4		3/4	
6	2,430.87	6	2,072.22	6	1,713.55	6	1,358.45	6	1,000.82	6	642.52	6	291.27	6		6		6	
1/4	2,423.40	1/4	2,064.75	1/4	1,706.08	1/4	1,351.05	1/4	993.37	1/4	635.05	1/4	283.79	1/4		1/4		1/4	
1/2	2,415.93	1/2	2,057.27	1/2	1,698.61	1/2	1,343.66	1/2	985.93	1/2	627.58	1/2	276.32	1/2		1/2		1/2	
3/4	2,408.46	3/4	2,049.80	3/4	1,691.14	3/4	1,336.27	3/4	978.49	3/4	620.10	3/4	268.85	3/4		3/4		3/4	
7	2,400.99	7	2,042.33	7	1,683.66	7	1,328.88	7	971.04	7	612.63	7	261.38	7		7		7	
1/4	2,393.51	1/4	2,034.86	1/4	1,676.19	1/4	1,321.41	1/4	963.60	1/4	605.16	1/4	253.91	1/4		1/4		1/4	
1/2	2,386.04	1/2	2,027.39	1/2	1,668.72	1/2	1,313.93	1/2	956.15	1/2	597.68	1/2	246.45	1/2		1/2		1/2	
3/4	2,378.57	3/4	2,019.91	3/4	1,661.25	3/4	1,306.46	3/4	948.71	3/4	590.21	3/4	238.98	3/4		3/4		3/4	
8	2,371.10	8	2,012.44	8	1,653.77	8	1,298.99	8	941.27	8	582.74	8	231.52	8		8		8	
1/4	2,363.63	1/4	2,004.97	1/4	1,646.30	1/4	1,291.52	1/4	933.82	1/4	575.49	1/4	224.07	1/4		1/4		1/4	
1/2	2,356.15	1/2	1,997.50	1/2	1,638.83	1/2	1,284.04	1/2	926.38	1/2	568.23	1/2	216.62	1/2		1/2		1/2	
3/4	2,348.68	3/4	1,990.02	3/4	1,631.36	3/4	1,276.57	3/4	918.93	3/4	560.98	3/4	209.17	3/4		3/4		3/4	
9	2,341.21	9	1,982.55	9	1,623.89	9	1,269.10	9	911.48	9	553.73	9	201.72	9		9		9	
1/4	2,333.74	1/4	1,975.08	1/4	1,616.41	1/4	1,261.62	1/4	904.02	1/4	546.92	1/4	194.28	1/4		1/4		1/4	
1/2	2,326.27	1/2	1,967.61	1/2	1,608.94	1/2	1,254.15	1/2	896.56	1/2	540.11	1/2	186.84	1/2		1/2		1/2	
3/4	2,318.79	3/4	1,960.13	3/4	1,601.47	3/4	1,246.68	3/4	889.11	3/4	533.30	3/4	179.40	3/4		3/4		3/4	
10	2,311.32	10	1,952.66	10	1,594.00	10	1,239.20	10	881.65	10	526.49	10	171.96	10		10		10	
1/4	2,303.85	1/4	1,945.19	1/4	1,586.52	1/4	1,231.73	1/4	874.17	1/4	519.68	1/4	164.74	1/4		1/4		1/4	
1/2	2,296.38	1/2	1,937.72	1/2	1,579.05	1/2	1,224.26	1/2	866.70	1/2	512.87	1/2	157.52	1/2		1/2		1/2	
3/4	2,288.91	3/4	1,930.25	3/4	1,571.58	3/4	1,216.79	3/4	859.23	3/4	506.06	3/4	150.30	3/4		3/4		3/4	
11	2,281.43	11	1,922.77	11	1,564.11	11	1,209.31	11	851.76	11	499.25	11	143.08	11		11		11	
1/4	2,273.96	1/4	1,915.30	1/4	1,556.64	1/4	1,201.85	1/4	844.28	1/4	492.00	1/4	136.30	1/4		1/4		1/4	
1/2	2,266.49	1/2	1,907.83	1/2	1,549.16	1/2	1,194.39	1/2	836.81	1/2	484.76	1/2	129.52	1/2		1/2		1/2	
3/4	2,259.02	3/4	1,900.36	3/4	1,541.69	3/4	1,186.93	3/4	829.34	3/4	477.52	3/4	122.74	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2012 CL-SW
CALCULATED: 02/19/2012 CL
PRINTED: 06/01/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

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



BARGE "KIRBY 27781"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,971.94	0	3,806.11	0	3,628.22	0	3,438.68	0	3,195.02	0	2,838.27
1/4		1/4		1/4		1/4		1/4	3,968.02	1/4	3,802.58	1/4	3,624.38	1/4	3,434.69	1/4	3,187.57	1/4	2,830.85
1/2		1/2		1/2		1/2		1/2	3,964.41	1/2	3,799.03	1/2	3,620.52	1/2	3,430.69	1/2	3,180.12	1/2	2,823.42
3/4		3/4		3/4		3/4		3/4	3,960.79	3/4	3,795.49	3/4	3,616.65	3/4	3,426.69	3/4	3,172.67	3/4	2,815.99
1		1		1		1		1	3,957.17	1	3,791.94	1	3,612.79	1	3,422.70	1	3,165.21	1	2,808.56
1/4		1/4		1/4		1/4		1/4	3,953.55	1/4	3,788.39	1/4	3,608.93	1/4	3,418.70	1/4	3,157.76	1/4	2,801.13
1/2		1/2		1/2		1/2		1/2	3,950.21	1/2	3,784.83	1/2	3,605.05	1/2	3,414.70	1/2	3,150.31	1/2	2,793.71
3/4		3/4		3/4		3/4		3/4	3,946.88	3/4	3,781.26	3/4	3,601.17	3/4	3,410.70	3/4	3,142.86	3/4	2,786.28
2		2		2		2		2	3,943.54	2	3,777.70	2	3,597.28	2	3,406.71	2	3,135.41	2	2,778.85
1/4		1/4		1/4		1/4		1/4	3,940.21	1/4	3,774.13	1/4	3,593.40	1/4	3,402.71	1/4	3,127.96	1/4	2,771.42
1/2		1/2		1/2		1/2		1/2	3,936.86	1/2	3,770.54	1/2	3,589.50	1/2	3,398.71	1/2	3,120.53	1/2	2,763.99
3/4		3/4		3/4		3/4		3/4	3,933.50	3/4	3,766.96	3/4	3,585.60	3/4	3,394.71	3/4	3,113.11	3/4	2,756.57
3		3		3		3		3	3,930.15	3	3,763.37	3	3,581.70	3	3,390.72	3	3,105.68	3	2,749.14
1/4		1/4		1/4		1/4		1/4	3,926.79	1/4	3,759.79	1/4	3,577.80	1/4	3,386.72	1/4	3,098.25	1/4	2,741.71
1/2		1/2		1/2		1/2		1/2	3,923.42	1/2	3,756.14	1/2	3,573.88	1/2	3,382.72	1/2	3,090.82	1/2	2,734.28
3/4		3/4		3/4		3/4		3/4	3,920.05	3/4	3,752.50	3/4	3,569.96	3/4	3,378.73	3/4	3,083.39	3/4	2,726.86
4		4		4		4		4	3,916.67	4	3,748.85	4	3,566.04	4	3,374.73	4	3,075.97	4	2,719.43
1/4		1/4		1/4		1/4		1/4	3,913.30	1/4	3,745.20	1/4	3,562.12	1/4	3,370.73	1/4	3,068.54	1/4	2,712.00
1/2		1/2		1/2		1/2		1/2	3,909.91	1/2	3,741.49	1/2	3,558.18	1/2	3,366.73	1/2	3,061.11	1/2	2,704.57
3/4		3/4		3/4		3/4		3/4	3,906.52	3/4	3,737.79	3/4	3,554.24	3/4	3,362.74	3/4	3,053.68	3/4	2,697.14
5		5		5		5		5	3,903.12	5	3,734.08	5	3,550.30	5	3,358.74	5	3,046.26	5	2,689.72
1/4		1/4		1/4		1/4		1/4	3,899.73	1/4	3,730.37	1/4	3,546.36	1/4	3,354.74	1/4	3,038.83	1/4	2,682.29
1/2		1/2		1/2		1/2		1/2	3,896.32	1/2	3,726.64	1/2	3,542.40	1/2	3,350.74	1/2	3,031.40	1/2	2,674.86
3/4		3/4		3/4		3/4		3/4	3,892.91	3/4	3,722.91	3/4	3,538.44	3/4	3,346.75	3/4	3,023.97	3/4	2,667.43
6		6		6		6		6	3,889.49	6	3,719.19	6	3,534.48	6	3,342.75	6	3,016.54	6	2,660.00
1/4		1/4		1/4		1/4		1/4	3,886.08	1/4	3,715.46	1/4	3,530.52	1/4	3,338.75	1/4	3,009.12	1/4	2,652.58
1/2		1/2		1/2		1/2		1/2	3,882.65	1/2	3,711.71	1/2	3,526.55	1/2	3,334.76	1/2	3,001.69	1/2	2,645.15
3/4		3/4		3/4		3/4		3/4	3,879.22	3/4	3,707.96	3/4	3,522.57	3/4	3,330.76	3/4	2,994.26	3/4	2,637.72
7		7		7		7		7	3,875.79	7	3,704.22	7	3,518.59	7	3,326.76	7	2,986.83	7	2,630.29
1/4		1/4		1/4		1/4		1/4	3,872.36	1/4	3,700.47	1/4	3,514.61	1/4	3,322.76	1/4	2,979.40	1/4	2,622.86
1/2		1/2		1/2		1/2		1/2	3,868.91	1/2	3,696.71	1/2	3,510.62	1/2	3,318.77	1/2	2,971.98	1/2	2,615.44
3/4		3/4		3/4		3/4		3/4	3,865.46	3/4	3,692.94	3/4	3,506.63	3/4	3,314.77	3/4	2,964.55	3/4	2,608.01
8		8		8		8		8	3,862.01	8	3,689.17	8	3,502.64	8	3,310.77	8	2,957.12	8	2,600.58
1/4		1/4		1/4		1/4	4,023.02	1/4	3,858.56	1/4	3,685.41	1/4	3,498.64	1/4	3,306.77	1/4	2,949.69	1/4	2,593.15
1/2		1/2		1/2		1/2	4,020.66	1/2	3,855.09	1/2	3,681.62	1/2	3,494.65	1/2	3,299.32	1/2	2,942.26	1/2	2,585.73
3/4		3/4		3/4		3/4	4,018.30	3/4	3,851.62	3/4	3,677.84	3/4	3,490.65	3/4	3,291.87	3/4	2,934.84	3/4	2,578.30
9		9		9		9	4,015.94	9	3,848.15	9	3,674.05	9	3,486.65	9	3,284.42	9	2,927.41	9	2,570.87
1/4		1/4		1/4		1/4	4,013.58	1/4	3,844.68	1/4	3,670.27	1/4	3,482.66	1/4	3,276.97	1/4	2,919.98	1/4	2,563.44
1/2		1/2		1/2		1/2	4,010.02	1/2	3,841.19	1/2	3,666.46	1/2	3,478.66	1/2	3,269.52	1/2	2,912.55	1/2	2,556.01
3/4		3/4		3/4		3/4	4,006.45	3/4	3,837.70	3/4	3,662.66	3/4	3,474.66	3/4	3,262.07	3/4	2,905.13	3/4	2,548.59
10		10		10		10	4,002.89	10	3,834.21	10	3,658.85	10	3,470.66	10	3,254.62	10	2,897.70	10	2,541.16
1/4		1/4		1/4		1/4	3,999.33	1/4	3,830.72	1/4	3,655.05	1/4	3,466.67	1/4	3,247.17	1/4	2,890.27	1/4	2,533.73
1/2		1/2		1/2		1/2	3,995.41	1/2	3,827.21	1/2	3,651.22	1/2	3,462.67	1/2	3,239.72	1/2	2,882.84	1/2	2,526.30
3/4		3/4		3/4		3/4	3,991.50	3/4	3,823.71	3/4	3,647.40	3/4	3,458.67	3/4	3,232.27	3/4	2,875.41	3/4	2,518.87
11		11		11		11	3,987.59	11	3,820.20	11	3,643.58	11	3,454.67	11	3,224.82	11	2,867.99	11	2,511.45
1/4		1/4		1/4		1/4	3,983.68	1/4	3,816.69	1/4	3,639.75	1/4	3,450.68	1/4	3,217.37	1/4	2,860.56	1/4	2,504.02
1/2		1/2		1/2		1/2	3,979.76	1/2	3,813.16	1/2	3,635.91	1/2	3,446.68	1/2	3,209.92	1/2	2,853.13	1/2	2,496.59
3/4		3/4		3/4		3/4	3,975.85	3/4	3,809.64	3/4	3,632.07	3/4	3,442.68	3/4	3,202.47	3/4	2,845.70	3/4	2,489.16

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 27781"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,481.73	0	2,125.20	0	1,768.65	0	1,412.55	0	1,061.89	0	716.32	0	371.05	0	54.93	0		0	
1/4	2,474.31	1/4	2,117.77	1/4	1,761.22	1/4	1,405.14	1/4	1,054.70	1/4	709.10	1/4	363.63	1/4	52.75	1/4		1/4	
1/2	2,466.88	1/2	2,110.34	1/2	1,753.80	1/2	1,397.90	1/2	1,047.51	1/2	701.88	1/2	356.23	1/2	51.40	1/2		1/2	
3/4	2,459.45	3/4	2,102.91	3/4	1,746.37	3/4	1,390.66	3/4	1,040.32	3/4	694.66	3/4	348.83	3/4	50.04	3/4		3/4	
1	2,452.02	1	2,095.48	1	1,738.94	1	1,383.41	1	1,033.12	1	687.43	1	341.43	1	48.69	1		1	
1/4	2,444.60	1/4	2,088.06	1/4	1,731.51	1/4	1,376.17	1/4	1,025.93	1/4	680.21	1/4	334.02	1/4	47.34	1/4		1/4	
1/2	2,437.17	1/2	2,080.63	1/2	1,724.08	1/2	1,368.90	1/2	1,018.74	1/2	672.99	1/2	326.62	1/2	46.83	1/2		1/2	
3/4	2,429.74	3/4	2,073.20	3/4	1,716.65	3/4	1,361.64	3/4	1,011.55	3/4	665.77	3/4	319.22	3/4	46.32	3/4		3/4	
2	2,422.31	2	2,065.77	2	1,709.23	2	1,354.37	2	1,004.36	2	658.54	2	311.81	2		2		2	
1/4	2,414.88	1/4	2,058.34	1/4	1,701.80	1/4	1,347.10	1/4	997.17	1/4	651.32	1/4	304.41	1/4		1/4		1/4	
1/2	2,407.46	1/2	2,050.92	1/2	1,694.37	1/2	1,339.84	1/2	989.98	1/2	644.10	1/2	296.99	1/2		1/2		1/2	
3/4	2,400.03	3/4	2,043.49	3/4	1,686.94	3/4	1,332.57	3/4	982.79	3/4	636.88	3/4	289.58	3/4		3/4		3/4	
3	2,392.60	3	2,036.06	3	1,679.51	3	1,325.30	3	975.60	3	629.65	3	282.16	3		3		3	
1/4	2,385.17	1/4	2,028.63	1/4	1,672.09	1/4	1,318.04	1/4	968.41	1/4	622.43	1/4	274.74	1/4		1/4		1/4	
1/2	2,377.74	1/2	2,021.20	1/2	1,664.66	1/2	1,310.77	1/2	961.21	1/2	615.21	1/2	267.31	1/2		1/2		1/2	
3/4	2,370.32	3/4	2,013.78	3/4	1,657.23	3/4	1,303.50	3/4	954.02	3/4	607.99	3/4	259.88	3/4		3/4		3/4	
4	2,362.89	4	2,006.35	4	1,649.80	4	1,296.23	4	946.83	4	600.77	4	252.45	4		4		4	
1/4	2,355.46	1/4	1,998.92	1/4	1,642.37	1/4	1,288.97	1/4	939.64	1/4	593.54	1/4	245.01	1/4		1/4		1/4	
1/2	2,348.03	1/2	1,991.49	1/2	1,634.94	1/2	1,281.70	1/2	932.45	1/2	586.32	1/2	237.58	1/2		1/2		1/2	
3/4	2,340.60	3/4	1,984.07	3/4	1,627.52	3/4	1,274.43	3/4	925.26	3/4	579.10	3/4	230.15	3/4		3/4		3/4	
5	2,333.18	5	1,976.64	5	1,620.09	5	1,267.16	5	918.07	5	571.88	5	222.72	5		5		5	
1/4	2,325.75	1/4	1,969.21	1/4	1,612.66	1/4	1,259.90	1/4	910.88	1/4	564.65	1/4	215.29	1/4		1/4		1/4	
1/2	2,318.32	1/2	1,961.78	1/2	1,605.23	1/2	1,252.65	1/2	903.68	1/2	557.22	1/2	207.85	1/2		1/2		1/2	
3/4	2,310.89	3/4	1,954.35	3/4	1,597.80	3/4	1,245.40	3/4	896.49	3/4	549.79	3/4	200.42	3/4		3/4		3/4	
6	2,303.47	6	1,946.93	6	1,590.37	6	1,238.15	6	889.30	6	542.35	6	192.99	6		6		6	
1/4	2,296.04	1/4	1,939.50	1/4	1,582.95	1/4	1,230.89	1/4	882.10	1/4	534.92	1/4	185.56	1/4		1/4		1/4	
1/2	2,288.61	1/2	1,932.07	1/2	1,575.52	1/2	1,223.48	1/2	874.91	1/2	527.49	1/2	178.13	1/2		1/2		1/2	
3/4	2,281.18	3/4	1,924.64	3/4	1,568.09	3/4	1,216.07	3/4	867.72	3/4	520.06	3/4	170.70	3/4		3/4		3/4	
7	2,273.75	7	1,917.21	7	1,560.66	7	1,208.66	7	860.52	7	512.62	7	163.26	7		7		7	
1/4	2,266.33	1/4	1,909.79	1/4	1,553.23	1/4	1,201.24	1/4	853.33	1/4	505.19	1/4	155.83	1/4		1/4		1/4	
1/2	2,258.90	1/2	1,902.36	1/2	1,545.83	1/2	1,193.83	1/2	846.14	1/2	497.76	1/2	148.41	1/2		1/2		1/2	
3/4	2,251.47	3/4	1,894.93	3/4	1,538.42	3/4	1,186.42	3/4	838.94	3/4	490.32	3/4	141.00	3/4		3/4		3/4	
8	2,244.04	8	1,887.50	8	1,531.02	8	1,179.00	8	831.75	8	482.89	8	133.58	8		8		8	
1/4	2,236.61	1/4	1,880.07	1/4	1,523.62	1/4	1,171.59	1/4	824.56	1/4	475.46	1/4	126.16	1/4		1/4		1/4	
1/2	2,229.19	1/2	1,872.65	1/2	1,516.21	1/2	1,164.18	1/2	817.36	1/2	468.46	1/2	119.38	1/2		1/2		1/2	
3/4	2,221.76	3/4	1,865.22	3/4	1,508.81	3/4	1,156.77	3/4	810.16	3/4	461.47	3/4	112.60	3/4		3/4		3/4	
9	2,214.33	9	1,857.79	9	1,501.40	9	1,149.35	9	802.96	9	454.48	9	105.82	9		9		9	
1/4	2,206.90	1/4	1,850.36	1/4	1,494.00	1/4	1,141.94	1/4	795.77	1/4	447.49	1/4	99.04	1/4		1/4		1/4	
1/2	2,199.47	1/2	1,842.93	1/2	1,486.59	1/2	1,134.53	1/2	788.55	1/2	440.93	1/2	93.50	1/2		1/2		1/2	
3/4	2,192.05	3/4	1,835.51	3/4	1,479.19	3/4	1,127.12	3/4	781.32	3/4	434.38	3/4	87.96	3/4		3/4		3/4	
10	2,184.62	10	1,828.08	10	1,471.78	10	1,119.70	10	774.10	10	427.83	10	82.43	10		10		10	
1/4	2,177.19	1/4	1,820.65	1/4	1,464.38	1/4	1,112.29	1/4	766.88	1/4	421.28	1/4	76.89	1/4		1/4		1/4	
1/2	2,169.76	1/2	1,813.22	1/2	1,456.97	1/2	1,105.09	1/2	759.66	1/2	414.28	1/2	73.03	1/2		1/2		1/2	
3/4	2,162.33	3/4	1,805.79	3/4	1,449.57	3/4	1,097.88	3/4	752.43	3/4	407.29	3/4	69.17	3/4		3/4		3/4	
11	2,154.91	11	1,798.36	11	1,442.16	11	1,090.68	11	745.21	11	400.30	11	65.31	11		11		11	
1/4	2,147.48	1/4	1,790.94	1/4	1,434.76	1/4	1,083.48	1/4	737.99	1/4	393.31	1/4	61.46	1/4		1/4		1/4	
1/2	2,140.05	1/2	1,783.51	1/2	1,427.36	1/2	1,076.28	1/2	730.77	1/2	385.89	1/2	59.28	1/2		1/2		1/2	
3/4	2,132.62	3/4	1,776.08	3/4	1,419.95	3/4	1,069.09	3/4	723.54	3/4	378.47	3/4	57.10	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2012 CL-SW
CALCULATED: 02/19/2012 CL
PRINTED: 06/01/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

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



BARGE "KIRBY 27781"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,993.70	0	3,828.23	0	3,650.01	0	3,460.30	0	3,213.19	0	2,855.62
1/4		1/4		1/4		1/4		1/4	3,990.08	1/4	3,824.68	1/4	3,646.15	1/4	3,456.30	1/4	3,205.74	1/4	2,848.17
1/2		1/2		1/2		1/2		1/2	3,986.46	1/2	3,821.14	1/2	3,642.28	1/2	3,452.30	1/2	3,198.29	1/2	2,840.72
3/4		3/4		3/4		3/4		3/4	3,982.84	3/4	3,817.59	3/4	3,638.42	3/4	3,448.31	3/4	3,190.84	3/4	2,833.27
1		1		1		1		1	3,979.22	1	3,814.04	1	3,634.56	1	3,444.31	1	3,183.39	1	2,825.82
1/4		1/4		1/4		1/4		1/4	3,975.89	1/4	3,810.48	1/4	3,630.68	1/4	3,440.31	1/4	3,175.94	1/4	2,818.37
1/2		1/2		1/2		1/2		1/2	3,972.55	1/2	3,806.91	1/2	3,626.79	1/2	3,436.31	1/2	3,168.49	1/2	2,810.92
3/4		3/4		3/4		3/4		3/4	3,969.22	3/4	3,803.34	3/4	3,622.91	3/4	3,432.32	3/4	3,161.04	3/4	2,803.47
2		2		2		2		2	3,965.88	2	3,799.78	2	3,619.03	2	3,428.32	2	3,153.59	2	2,796.02
1/4		1/4		1/4		1/4		1/4	3,962.53	1/4	3,796.19	1/4	3,615.13	1/4	3,424.32	1/4	3,146.14	1/4	2,788.57
1/2		1/2		1/2		1/2		1/2	3,959.17	1/2	3,792.60	1/2	3,611.23	1/2	3,420.32	1/2	3,138.70	1/2	2,781.12
3/4		3/4		3/4		3/4		3/4	3,955.82	3/4	3,789.02	3/4	3,607.32	3/4	3,416.33	3/4	3,131.25	3/4	2,773.67
3		3		3		3		3	3,952.46	3	3,785.43	3	3,603.42	3	3,412.33	3	3,123.80	3	2,766.23
1/4		1/4		1/4		1/4		1/4	3,949.09	1/4	3,781.79	1/4	3,599.50	1/4	3,408.33	1/4	3,116.35	1/4	2,758.78
1/2		1/2		1/2		1/2		1/2	3,945.72	1/2	3,778.14	1/2	3,595.58	1/2	3,404.33	1/2	3,108.90	1/2	2,751.33
3/4		3/4		3/4		3/4		3/4	3,942.34	3/4	3,774.49	3/4	3,591.66	3/4	3,400.34	3/4	3,101.45	3/4	2,743.88
4		4		4		4		4	3,938.97	4	3,770.84	4	3,587.74	4	3,396.34	4	3,094.00	4	2,736.43
1/4		1/4		1/4		1/4		1/4	3,935.57	1/4	3,767.14	1/4	3,583.80	1/4	3,392.34	1/4	3,086.55	1/4	2,728.98
1/2		1/2		1/2		1/2		1/2	3,932.18	1/2	3,763.43	1/2	3,579.86	1/2	3,388.34	1/2	3,079.10	1/2	2,721.53
3/4		3/4		3/4		3/4		3/4	3,928.79	3/4	3,759.72	3/4	3,575.92	3/4	3,384.35	3/4	3,071.65	3/4	2,714.08
5		5		5		5		5	3,925.40	5	3,756.01	5	3,571.98	5	3,380.35	5	3,064.20	5	2,706.63
1/4		1/4		1/4		1/4		1/4	3,921.98	1/4	3,752.28	1/4	3,568.02	1/4	3,376.35	1/4	3,056.75	1/4	2,699.18
1/2		1/2		1/2		1/2		1/2	3,918.57	1/2	3,748.55	1/2	3,564.06	1/2	3,372.35	1/2	3,049.30	1/2	2,691.73
3/4		3/4		3/4		3/4		3/4	3,915.16	3/4	3,744.83	3/4	3,560.10	3/4	3,368.36	3/4	3,041.85	3/4	2,684.28
6		6		6		6		6	3,911.75	6	3,741.10	6	3,556.15	6	3,364.36	6	3,034.40	6	2,676.83
1/4		1/4		1/4		1/4		1/4	3,908.31	1/4	3,737.35	1/4	3,552.17	1/4	3,360.36	1/4	3,026.95	1/4	2,669.38
1/2		1/2		1/2		1/2		1/2	3,904.88	1/2	3,733.60	1/2	3,548.19	1/2	3,356.36	1/2	3,019.50	1/2	2,661.93
3/4		3/4		3/4		3/4		3/4	3,901.45	3/4	3,729.86	3/4	3,544.21	3/4	3,352.37	3/4	3,012.06	3/4	2,654.48
7		7		7		7		7	3,898.02	7	3,726.11	7	3,540.23	7	3,348.37	7	3,004.61	7	2,647.03
1/4		1/4		1/4		1/4		1/4	3,894.57	1/4	3,722.34	1/4	3,536.24	1/4	3,344.37	1/4	2,997.16	1/4	2,639.59
1/2		1/2		1/2		1/2		1/2	3,891.12	1/2	3,718.58	1/2	3,532.25	1/2	3,340.37	1/2	2,989.71	1/2	2,632.14
3/4		3/4		3/4		3/4		3/4	3,887.67	3/4	3,714.81	3/4	3,528.25	3/4	3,336.38	3/4	2,982.26	3/4	2,624.69
8		8		8		8	4,048.71	8	3,884.22	8	3,711.04	8	3,524.26	8	3,332.38	8	2,974.81	8	2,617.24
1/4		1/4		1/4		1/4	4,046.35	1/4	3,880.75	1/4	3,707.26	1/4	3,520.26	1/4	3,324.93	1/4	2,967.36	1/4	2,609.79
1/2		1/2		1/2		1/2	4,043.99	1/2	3,877.28	1/2	3,703.47	1/2	3,516.26	1/2	3,317.48	1/2	2,959.91	1/2	2,602.34
3/4		3/4		3/4		3/4	4,041.63	3/4	3,873.81	3/4	3,699.69	3/4	3,512.27	3/4	3,310.03	3/4	2,952.46	3/4	2,594.89
9		9		9		9	4,039.27	9	3,870.34	9	3,695.90	9	3,508.27	9	3,302.58	9	2,945.01	9	2,587.44
1/4		1/4		1/4		1/4	4,035.70	1/4	3,866.85	1/4	3,692.09	1/4	3,504.27	1/4	3,295.13	1/4	2,937.56	1/4	2,579.99
1/2		1/2		1/2		1/2	4,032.14	1/2	3,863.36	1/2	3,688.29	1/2	3,500.27	1/2	3,287.68	1/2	2,930.11	1/2	2,572.54
3/4		3/4		3/4		3/4	4,028.57	3/4	3,859.87	3/4	3,684.48	3/4	3,496.28	3/4	3,280.23	3/4	2,922.66	3/4	2,565.09
10		10		10		10	4,025.01	10	3,856.38	10	3,680.68	10	3,492.28	10	3,272.78	10	2,915.21	10	2,557.64
1/4		1/4		1/4		1/4	4,021.09	1/4	3,852.87	1/4	3,676.86	1/4	3,488.28	1/4	3,265.34	1/4	2,907.76	1/4	2,550.19
1/2		1/2		1/2		1/2	4,017.18	1/2	3,849.36	1/2	3,673.03	1/2	3,484.28	1/2	3,257.89	1/2	2,900.31	1/2	2,542.74
3/4		3/4		3/4		3/4	4,013.27	3/4	3,845.85	3/4	3,669.21	3/4	3,480.29	3/4	3,250.44	3/4	2,892.87	3/4	2,535.29
11		11		11		11	4,009.35	11	3,842.34	11	3,665.38	11	3,476.29	11	3,242.99	11	2,885.42	11	2,527.84
1/4		1/4		1/4		1/4	4,005.44	1/4	3,838.81	1/4	3,661.54	1/4	3,472.29	1/4	3,235.54	1/4	2,877.97	1/4	2,520.40
1/2		1/2		1/2		1/2	4,001.53	1/2	3,835.29	1/2	3,657.70	1/2	3,468.29	1/2	3,228.09	1/2	2,870.52	1/2	2,512.95
3/4		3/4		3/4		3/4	3,997.61	3/4	3,831.76	3/4	3,653.85	3/4	3,464.30	3/4	3,220.64	3/4	2,863.07	3/4	2,505.50

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 27781"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,498.05	0	2,140.48	0	1,782.90	0	1,425.32	0	1,071.71	0	715.14	0	364.63	0	52.90	0		0	
1/4	2,490.60	1/4	2,133.03	1/4	1,775.45	1/4	1,418.03	1/4	1,064.29	1/4	707.69	1/4	357.21	1/4	51.53	1/4		1/4	
1/2	2,483.15	1/2	2,125.58	1/2	1,768.00	1/2	1,410.75	1/2	1,056.86	1/2	700.24	1/2	349.79	1/2	50.15	1/2		1/2	
3/4	2,475.70	3/4	2,118.13	3/4	1,760.55	3/4	1,403.46	3/4	1,049.44	3/4	692.79	3/4	342.37	3/4	48.78	3/4		3/4	
1	2,468.25	1	2,110.68	1	1,753.10	1	1,396.17	1	1,042.02	1	685.34	1	334.95	1	47.41	1		1	
1/4	2,460.80	1/4	2,103.23	1/4	1,745.65	1/4	1,388.88	1/4	1,034.60	1/4	677.89	1/4	327.53	1/4	46.88	1/4		1/4	
1/2	2,453.35	1/2	2,095.78	1/2	1,738.20	1/2	1,381.59	1/2	1,027.18	1/2	670.44	1/2	320.11	1/2	46.35	1/2		1/2	
3/4	2,445.90	3/4	2,088.33	3/4	1,730.75	3/4	1,374.31	3/4	1,019.76	3/4	662.99	3/4	312.69	3/4		3/4		3/4	
2	2,438.45	2	2,080.88	2	1,723.30	2	1,367.02	2	1,012.34	2	655.54	2	305.27	2		2		2	
1/4	2,431.00	1/4	2,073.43	1/4	1,715.85	1/4	1,359.73	1/4	1,004.92	1/4	648.09	1/4	297.83	1/4		1/4		1/4	
1/2	2,423.55	1/2	2,065.98	1/2	1,708.41	1/2	1,352.44	1/2	997.50	1/2	640.64	1/2	290.40	1/2		1/2		1/2	
3/4	2,416.10	3/4	2,058.53	3/4	1,700.96	3/4	1,345.16	3/4	990.08	3/4	633.19	3/4	282.97	3/4		3/4		3/4	
3	2,408.65	3	2,051.08	3	1,693.51	3	1,337.87	3	982.65	3	625.74	3	275.53	3		3		3	
1/4	2,401.20	1/4	2,043.63	1/4	1,686.06	1/4	1,330.58	1/4	975.23	1/4	618.29	1/4	268.08	1/4		1/4		1/4	
1/2	2,393.76	1/2	2,036.18	1/2	1,678.61	1/2	1,323.29	1/2	967.81	1/2	610.84	1/2	260.63	1/2		1/2		1/2	
3/4	2,386.31	3/4	2,028.73	3/4	1,671.16	3/4	1,316.01	3/4	960.39	3/4	603.39	3/4	253.18	3/4		3/4		3/4	
4	2,378.86	4	2,021.29	4	1,663.71	4	1,308.72	4	952.97	4	595.94	4	245.73	4		4		4	
1/4	2,371.41	1/4	2,013.84	1/4	1,656.26	1/4	1,301.43	1/4	945.55	1/4	588.49	1/4	238.29	1/4		1/4		1/4	
1/2	2,363.96	1/2	2,006.39	1/2	1,648.81	1/2	1,294.14	1/2	938.13	1/2	581.04	1/2	230.84	1/2		1/2		1/2	
3/4	2,356.51	3/4	1,998.94	3/4	1,641.36	3/4	1,286.85	3/4	930.71	3/4	573.59	3/4	223.39	3/4		3/4		3/4	
5	2,349.06	5	1,991.49	5	1,633.91	5	1,279.57	5	923.29	5	566.14	5	215.94	5		5		5	
1/4	2,341.61	1/4	1,984.04	1/4	1,626.46	1/4	1,272.28	1/4	915.87	1/4	558.69	1/4	208.49	1/4		1/4		1/4	
1/2	2,334.16	1/2	1,976.59	1/2	1,619.01	1/2	1,264.99	1/2	908.44	1/2	551.24	1/2	201.04	1/2		1/2		1/2	
3/4	2,326.71	3/4	1,969.14	3/4	1,611.56	3/4	1,257.70	3/4	901.02	3/4	543.79	3/4	193.59	3/4		3/4		3/4	
6	2,319.26	6	1,961.69	6	1,604.11	6	1,250.41	6	893.60	6	536.34	6	186.14	6		6		6	
1/4	2,311.81	1/4	1,954.24	1/4	1,596.66	1/4	1,242.96	1/4	886.18	1/4	528.89	1/4	178.69	1/4		1/4		1/4	
1/2	2,304.36	1/2	1,946.79	1/2	1,589.21	1/2	1,235.51	1/2	878.76	1/2	521.44	1/2	171.24	1/2		1/2		1/2	
3/4	2,296.91	3/4	1,939.34	3/4	1,581.76	3/4	1,228.06	3/4	871.34	3/4	513.98	3/4	163.79	3/4		3/4		3/4	
7	2,289.46	7	1,931.89	7	1,574.31	7	1,220.61	7	863.92	7	506.53	7	156.34	7		7		7	
1/4	2,282.01	1/4	1,924.44	1/4	1,566.86	1/4	1,213.16	1/4	856.50	1/4	499.08	1/4	148.91	1/4		1/4		1/4	
1/2	2,274.56	1/2	1,916.99	1/2	1,559.41	1/2	1,205.71	1/2	849.08	1/2	491.63	1/2	141.47	1/2		1/2		1/2	
3/4	2,267.12	3/4	1,909.54	3/4	1,551.96	3/4	1,198.26	3/4	841.66	3/4	484.18	3/4	134.04	3/4		3/4		3/4	
8	2,259.67	8	1,902.09	8	1,544.51	8	1,190.81	8	834.23	8	476.73	8	126.61	8		8		8	
1/4	2,252.22	1/4	1,894.65	1/4	1,537.06	1/4	1,183.36	1/4	826.81	1/4	469.72	1/4	119.81	1/4		1/4		1/4	
1/2	2,244.77	1/2	1,887.20	1/2	1,529.61	1/2	1,175.91	1/2	819.38	1/2	462.71	1/2	113.01	1/2		1/2		1/2	
3/4	2,237.32	3/4	1,879.75	3/4	1,522.17	3/4	1,168.46	3/4	811.96	3/4	455.70	3/4	106.21	3/4		3/4		3/4	
9	2,229.87	9	1,872.30	9	1,514.72	9	1,161.01	9	804.53	9	448.69	9	99.41	9		9		9	
1/4	2,222.42	1/4	1,864.85	1/4	1,507.27	1/4	1,153.56	1/4	797.08	1/4	442.12	1/4	93.86	1/4		1/4		1/4	
1/2	2,214.97	1/2	1,857.40	1/2	1,499.82	1/2	1,146.11	1/2	789.63	1/2	435.55	1/2	88.30	1/2		1/2		1/2	
3/4	2,207.52	3/4	1,849.95	3/4	1,492.37	3/4	1,138.66	3/4	782.18	3/4	428.98	3/4	82.75	3/4		3/4		3/4	
10	2,200.07	10	1,842.50	10	1,484.92	10	1,131.21	10	774.73	10	422.41	10	77.19	10		10		10	
1/4	2,192.62	1/4	1,835.05	1/4	1,477.47	1/4	1,123.76	1/4	767.28	1/4	415.40	1/4	73.32	1/4		1/4		1/4	
1/2	2,185.17	1/2	1,827.60	1/2	1,470.02	1/2	1,116.31	1/2	759.84	1/2	408.39	1/2	69.44	1/2		1/2		1/2	
3/4	2,177.72	3/4	1,820.15	3/4	1,462.57	3/4	1,108.86	3/4	752.39	3/4	401.38	3/4	65.56	3/4		3/4		3/4	
11	2,170.27	11	1,812.70	11	1,455.12	11	1,101.41	11	744.94	11	394.37	11	61.68	11		11		11	
1/4	2,162.82	1/4	1,805.25	1/4	1,447.67	1/4	1,093.98	1/4	737.49	1/4	386.94	1/4	59.49	1/4		1/4		1/4	
1/2	2,155.37	1/2	1,797.80	1/2	1,440.22	1/2	1,086.56	1/2	730.04	1/2	379.50	1/2	57.29	1/2		1/2		1/2	
3/4	2,147.93	3/4	1,790.35	3/4	1,432.77	3/4	1,079.13	3/4	722.59	3/4	372.07	3/4	55.09	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2012 CL-SW
CALCULATED: 02/19/2012 CL
PRINTED: 06/01/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 27781"

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	1	0	2,328	0	4,656	0	6,981	0	9,309	0	11,634	0	13,961	0		0			0
1/4	49	1/4	2,377	1/4	4,704	1/4	7,030	1/4	9,357	1/4	11,683	1/4	14,010	1/4		1/4			1/4
1/2	98	1/2	2,425	1/2	4,753	1/2	7,078	1/2	9,406	1/2	11,731	1/2	14,058	1/2		1/2			1/2
3/4	146	3/4	2,474	3/4	4,801	3/4	7,127	3/4	9,454	3/4	11,780	3/4	14,107	3/4		3/4			3/4
1	195	1	2,522	1	4,850	1	7,175	1	9,503	1	11,828	1	14,155	1		1			1
1/4	243	1/4	2,571	1/4	4,898	1/4	7,224	1/4	9,551	1/4	11,876	1/4	14,204	1/4		1/4			1/4
1/2	292	1/2	2,619	1/2	4,947	1/2	7,272	1/2	9,600	1/2	11,925	1/2	14,252	1/2		1/2			1/2
3/4	340	3/4	2,668	3/4	4,995	3/4	7,321	3/4	9,648	3/4	11,973	3/4	14,301	3/4		3/4			3/4
2	389	2	2,716	2	5,044	2	7,369	2	9,697	2	12,022	2	14,349	2		2			2
1/4	437	1/4	2,765	1/4	5,092	1/4	7,418	1/4	9,745	1/4	12,070	1/4	14,398	1/4		1/4			1/4
1/2	486	1/2	2,813	1/2	5,140	1/2	7,466	1/2	9,793	1/2	12,119	1/2		1/2		1/2			1/2
3/4	534	3/4	2,862	3/4	5,188	3/4	7,515	3/4	9,842	3/4	12,167	3/4		3/4		3/4			3/4
3	583	3	2,910	3	5,237	3	7,563	3	9,890	3	12,216	3		3		3			3
1/4	631	1/4	2,959	1/4	5,285	1/4	7,612	1/4	9,939	1/4	12,264	1/4		1/4		1/4			1/4
1/2	680	1/2	3,007	1/2	5,333	1/2	7,660	1/2	9,987	1/2	12,313	1/2		1/2		1/2			1/2
3/4	728	3/4	3,056	3/4	5,381	3/4	7,709	3/4	10,036	3/4	12,361	3/4		3/4		3/4			3/4
4	777	4	3,104	4	5,430	4	7,757	4	10,084	4	12,410	4		4		4			4
1/4	825	1/4	3,153	1/4	5,478	1/4	7,805	1/4	10,133	1/4	12,458	1/4		1/4		1/4			1/4
1/2	873	1/2	3,201	1/2	5,527	1/2	7,854	1/2	10,181	1/2	12,507	1/2		1/2		1/2			1/2
3/4	922	3/4	3,250	3/4	5,575	3/4	7,902	3/4	10,230	3/4	12,555	3/4		3/4		3/4			3/4
5	970	5	3,298	5	5,624	5	7,951	5	10,278	5	12,604	5		5		5			5
1/4	1,019	1/4	3,347	1/4	5,672	1/4	7,999	1/4	10,327	1/4	12,652	1/4		1/4		1/4			1/4
1/2	1,067	1/2	3,395	1/2	5,721	1/2	8,048	1/2	10,375	1/2	12,701	1/2		1/2		1/2			1/2
3/4	1,116	3/4	3,444	3/4	5,769	3/4	8,096	3/4	10,424	3/4	12,749	3/4		3/4		3/4			3/4
6	1,164	6	3,492	6	5,817	6	8,145	6	10,472	6	12,798	6		6		6			6
1/4	1,213	1/4	3,541	1/4	5,866	1/4	8,193	1/4	10,521	1/4	12,846	1/4		1/4		1/4			1/4
1/2	1,261	1/2	3,589	1/2	5,914	1/2	8,242	1/2	10,569	1/2	12,895	1/2		1/2		1/2			1/2
3/4	1,310	3/4	3,638	3/4	5,963	3/4	8,290	3/4	10,617	3/4	12,943	3/4		3/4		3/4			3/4
7	1,359	7	3,686	7	6,011	7	8,339	7	10,665	7	12,992	7		7		7			7
1/4	1,407	1/4	3,734	1/4	6,060	1/4	8,387	1/4	10,714	1/4	13,040	1/4		1/4		1/4			1/4
1/2	1,456	1/2	3,783	1/2	6,108	1/2	8,436	1/2	10,762	1/2	13,089	1/2		1/2		1/2			1/2
3/4	1,504	3/4	3,831	3/4	6,157	3/4	8,484	3/4	10,810	3/4	13,137	3/4		3/4		3/4			3/4
8	1,553	8	3,880	8	6,205	8	8,533	8	10,858	8	13,186	8		8		8			8
1/4	1,601	1/4	3,928	1/4	6,254	1/4	8,581	1/4	10,907	1/4	13,234	1/4		1/4		1/4			1/4
1/2	1,649	1/2	3,977	1/2	6,302	1/2	8,630	1/2	10,955	1/2	13,283	1/2		1/2		1/2			1/2
3/4	1,698	3/4	4,025	3/4	6,351	3/4	8,678	3/4	11,004	3/4	13,331	3/4		3/4		3/4			3/4
9	1,746	9	4,074	9	6,399	9	8,727	9	11,052	9	13,380	9		9		9			9
1/4	1,795	1/4	4,122	1/4	6,448	1/4	8,775	1/4	11,101	1/4	13,428	1/4		1/4		1/4			1/4
1/2	1,843	1/2	4,171	1/2	6,496	1/2	8,824	1/2	11,149	1/2	13,477	1/2		1/2		1/2			1/2
3/4	1,892	3/4	4,219	3/4	6,545	3/4	8,872	3/4	11,198	3/4	13,525	3/4		3/4		3/4			3/4
10	1,940	10	4,268	10	6,593	10	8,921	10	11,246	10	13,574	10		10		10			10
1/4	1,989	1/4	4,316	1/4	6,642	1/4	8,969	1/4	11,295	1/4	13,622	1/4		1/4		1/4			1/4
1/2	2,037	1/2	4,365	1/2	6,690	1/2	9,018	1/2	11,343	1/2	13,671	1/2		1/2		1/2			1/2
3/4	2,086	3/4	4,413	3/4	6,739	3/4	9,066	3/4	11,392	3/4	13,719	3/4		3/4		3/4			3/4
11	2,134	11	4,462	11	6,787	11	9,115	11	11,440	11	13,768	11		11		11			11
1/4	2,183	1/4	4,510	1/4	6,836	1/4	9,163	1/4	11,489	1/4	13,816	1/4		1/4		1/4			1/4
1/2	2,231	1/2	4,559	1/2	6,884	1/2	9,212	1/2	11,537	1/2	13,864	1/2		1/2		1/2			1/2
3/4	2,280	3/4	4,607	3/4	6,933	3/4	9,260	3/4	11,586	3/4	13,913	3/4		3/4		3/4			3/4

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

STRAPPED: 01/04/2018 SW
CALCULATED: 01/08/2018 CL
PRINTED: 01/08/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2018

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