



BARGE "KIRBY 10122"

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 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-03"

January 28, 2015

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

<http://www.pmacorp.net>



BARGE "KIRBY 10122"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	0	0	3,549.19	0	3,296.64	0	3,044.08	0	2,785.87	0	2,490.69	0	2,194.81
1/4		1/4		1/4		1/4		1/4	3,543.93	1/4	3,291.38	1/4	3,038.82	1/4	2,779.72	1/4	2,484.52	1/4	2,188.64
1/2		1/2		1/2		1/2	3,759.19	1/2	3,538.67	1/2	3,286.11	1/2	3,033.56	1/2	2,773.57	1/2	2,478.36	1/2	2,182.48
3/4		3/4		3/4		3/4	3,758.16	3/4	3,533.40	3/4	3,280.85	3/4	3,028.30	3/4	2,767.43	3/4	2,472.19	3/4	2,176.31
1	1	1	1	1	1	1	3,757.13	1	3,528.14	1	3,275.59	1	3,023.04	1	2,761.28	1	2,466.03	1	2,170.15
1/4		1/4		1/4		1/4	3,756.09	1/4	3,522.88	1/4	3,270.33	1/4	3,017.78	1/4	2,755.14	1/4	2,459.87	1/4	2,163.98
1/2		1/2		1/2		1/2	3,755.06	1/2	3,517.62	1/2	3,265.07	1/2	3,012.52	1/2	2,748.99	1/2	2,453.70	1/2	2,157.82
3/4		3/4		3/4		3/4	3,751.97	3/4	3,512.36	3/4	3,259.81	3/4	3,007.25	3/4	2,742.85	3/4	2,447.54	3/4	2,151.66
2	2	2	2	2	2	2	3,748.87	2	3,507.10	2	3,254.55	2	3,001.99	2	2,736.70	2	2,441.37	2	2,145.49
1/4		1/4		1/4		1/4	3,745.78	1/4	3,501.84	1/4	3,249.28	1/4	2,996.73	1/4	2,730.55	1/4	2,435.21	1/4	2,139.33
1/2		1/2		1/2		1/2	3,742.68	1/2	3,496.57	1/2	3,244.02	1/2	2,991.47	1/2	2,724.41	1/2	2,429.05	1/2	2,133.16
3/4		3/4		3/4		3/4	3,738.54	3/4	3,491.31	3/4	3,238.76	3/4	2,986.21	3/4	2,718.26	3/4	2,422.88	3/4	2,127.00
3	3	3	3	3	3	3	3,734.40	3	3,486.05	3	3,233.50	3	2,980.95	3	2,712.12	3	2,416.72	3	2,120.84
1/4		1/4		1/4		1/4	3,730.25	1/4	3,480.79	1/4	3,228.24	1/4	2,975.69	1/4	2,705.97	1/4	2,410.55	1/4	2,114.67
1/2		1/2		1/2		1/2	3,726.11	1/2	3,475.53	1/2	3,222.98	1/2	2,970.42	1/2	2,699.83	1/2	2,404.39	1/2	2,108.51
3/4		3/4		3/4		3/4	3,720.98	3/4	3,470.27	3/4	3,217.71	3/4	2,965.16	3/4	2,693.68	3/4	2,398.22	3/4	2,102.34
4	4	4	4	4	4	4	3,715.85	4	3,465.01	4	3,212.45	4	2,959.90	4	2,687.53	4	2,392.06	4	2,096.18
1/4		1/4		1/4		1/4	3,710.73	1/4	3,459.74	1/4	3,207.19	1/4	2,954.64	1/4	2,681.39	1/4	2,385.90	1/4	2,090.01
1/2		1/2		1/2		1/2	3,705.60	1/2	3,454.48	1/2	3,201.93	1/2	2,949.38	1/2	2,675.24	1/2	2,379.73	1/2	2,083.85
3/4		3/4		3/4		3/4	3,700.44	3/4	3,449.22	3/4	3,196.67	3/4	2,944.12	3/4	2,669.10	3/4	2,373.57	3/4	2,077.69
5	5	5	5	5	5	5	3,695.27	5	3,443.96	5	3,191.41	5	2,938.85	5	2,662.95	5	2,367.40	5	2,071.52
1/4		1/4		1/4		1/4	3,690.11	1/4	3,438.70	1/4	3,186.15	1/4	2,933.59	1/4	2,656.81	1/4	2,361.24	1/4	2,065.36
1/2		1/2		1/2		1/2	3,684.95	1/2	3,433.44	1/2	3,180.88	1/2	2,928.33	1/2	2,650.66	1/2	2,355.08	1/2	2,059.19
3/4		3/4		3/4		3/4	3,679.77	3/4	3,428.17	3/4	3,175.62	3/4	2,923.07	3/4	2,644.52	3/4	2,348.91	3/4	2,053.03
6	6	6	6	6	6	6	3,674.59	6	3,422.91	6	3,170.36	6	2,917.81	6	2,638.37	6	2,342.75	6	2,046.87
1/4		1/4		1/4		1/4	3,669.42	1/4	3,417.65	1/4	3,165.10	1/4	2,912.55	1/4	2,632.22	1/4	2,336.58	1/4	2,040.70
1/2		1/2		1/2		1/2	3,664.24	1/2	3,412.39	1/2	3,159.84	1/2	2,907.29	1/2	2,626.08	1/2	2,330.42	1/2	2,034.54
3/4		3/4		3/4		3/4	3,659.07	3/4	3,407.13	3/4	3,154.58	3/4	2,902.02	3/4	2,619.93	3/4	2,324.25	3/4	2,028.37
7	7	7	7	7	7	7	3,653.89	7	3,401.87	7	3,149.32	7	2,896.76	7	2,613.79	7	2,318.09	7	2,022.21
1/4		1/4		1/4		1/4	3,648.72	1/4	3,396.61	1/4	3,144.05	1/4	2,891.50	1/4	2,607.64	1/4	2,311.93	1/4	2,016.04
1/2		1/2		1/2		1/2	3,643.55	1/2	3,391.34	1/2	3,138.79	1/2	2,886.24	1/2	2,601.50	1/2	2,305.76	1/2	2,009.88
3/4		3/4		3/4		3/4	3,638.37	3/4	3,386.08	3/4	3,133.53	3/4	2,880.98	3/4	2,595.35	3/4	2,299.60	3/4	2,003.72
8	8	8	8	8	8	8	3,633.20	8	3,380.82	8	3,128.27	8	2,875.72	8	2,589.20	8	2,293.43	8	1,997.55
1/4		1/4		1/4		1/4	3,628.02	1/4	3,375.56	1/4	3,123.01	1/4	2,870.46	1/4	2,583.06	1/4	2,287.27	1/4	1,991.39
1/2		1/2		1/2		1/2	3,622.85	1/2	3,370.30	1/2	3,117.75	1/2	2,865.19	1/2	2,576.91	1/2	2,281.10	1/2	1,985.22
3/4		3/4		3/4		3/4	3,617.59	3/4	3,365.04	3/4	3,112.48	3/4	2,859.91	3/4	2,570.77	3/4	2,274.94	3/4	1,979.06
9	9	9	9	9	9	9	3,612.33	9	3,359.78	9	3,107.22	9	2,854.62	9	2,564.62	9	2,268.78	9	1,972.89
1/4		1/4		1/4		1/4	3,607.07	1/4	3,354.51	1/4	3,101.96	1/4	2,849.33	1/4	2,558.48	1/4	2,262.61	1/4	1,966.73
1/2		1/2		1/2		1/2	3,601.80	1/2	3,349.25	1/2	3,096.70	1/2	2,844.05	1/2	2,552.33	1/2	2,256.45	1/2	1,960.57
3/4		3/4		3/4		3/4	3,596.54	3/4	3,343.99	3/4	3,091.44	3/4	2,838.76	3/4	2,546.17	3/4	2,250.28	3/4	1,954.40
10	10	10	10	10	10	10	3,591.28	10	3,338.73	10	3,086.18	10	2,833.48	10	2,540.00	10	2,244.12	10	1,948.24
1/4		1/4		1/4		1/4	3,586.02	1/4	3,333.47	1/4	3,080.92	1/4	2,828.19	1/4	2,533.84	1/4	2,237.96	1/4	1,942.07
1/2		1/2		1/2		1/2	3,580.76	1/2	3,328.21	1/2	3,075.65	1/2	2,822.90	1/2	2,527.67	1/2	2,231.79	1/2	1,935.91
3/4		3/4		3/4		3/4	3,575.50	3/4	3,322.94	3/4	3,070.39	3/4	2,816.72	3/4	2,521.51	3/4	2,225.63	3/4	1,929.75
11	11	11	11	11	11	11	3,570.24	11	3,317.68	11	3,065.13	11	2,810.53	11	2,515.34	11	2,219.46	11	1,923.58
1/4		1/4		1/4		1/4	3,564.97	1/4	3,312.42	1/4	3,059.87	1/4	2,804.34	1/4	2,509.18	1/4	2,213.30	1/4	1,917.42
1/2		1/2		1/2		1/2	3,559.71	1/2	3,307.16	1/2	3,054.61	1/2	2,798.16	1/2	2,503.02	1/2	2,207.13	1/2	1,911.25
3/4		3/4		3/4		3/4	3,554.45	3/4	3,301.90	3/4	3,049.35	3/4	2,792.01	3/4	2,496.85	3/4	2,200.97	3/4	1,905.09

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 ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 10122"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,898.92	0	1,602.82	0	1,306.53	0	1,010.24	0	719.77	0	423.55	0	127.05	0		0		0	
1/4	1,892.76	1/4	1,596.65	1/4	1,300.36	1/4	1,004.07	1/4	713.70	1/4	417.38	1/4	120.88	1/4		1/4		1/4	
1/2	1,886.60	1/2	1,590.48	1/2	1,294.19	1/2	997.89	1/2	707.62	1/2	411.20	1/2	114.71	1/2		1/2		1/2	
3/4	1,880.43	3/4	1,584.31	3/4	1,288.01	3/4	991.72	3/4	701.46	3/4	405.02	3/4	108.56	3/4		3/4		3/4	
1	1,874.27	1	1,578.14	1	1,281.84	1	985.55	1	695.30	1	398.84	1	102.41	1		1		1	
1/4	1,868.10	1/4	1,571.96	1/4	1,275.67	1/4	979.37	1/4	689.14	1/4	392.67	1/4	96.26	1/4		1/4		1/4	
1/2	1,861.94	1/2	1,565.79	1/2	1,269.50	1/2	973.20	1/2	682.98	1/2	386.49	1/2	90.11	1/2		1/2		1/2	
3/4	1,855.77	3/4	1,559.62	3/4	1,263.32	3/4	967.09	3/4	676.81	3/4	380.31	3/4	83.99	3/4		3/4		3/4	
2	1,849.61	2	1,553.44	2	1,257.15	2	960.98	2	670.63	2	374.14	2	77.88	2		2		2	
1/4	1,843.45	1/4	1,547.27	1/4	1,250.98	1/4	954.87	1/4	664.46	1/4	367.96	1/4	71.76	1/4		1/4		1/4	
1/2	1,837.28	1/2	1,541.10	1/2	1,244.80	1/2	948.76	1/2	658.28	1/2	361.78	1/2	65.64	1/2		1/2		1/2	
3/4	1,831.12	3/4	1,534.93	3/4	1,238.63	3/4	942.71	3/4	652.10	3/4	355.61	3/4	59.58	3/4		3/4		3/4	
3	1,824.95	3	1,528.75	3	1,232.46	3	936.67	3	645.93	3	349.43	3	53.52	3		3		3	
1/4	1,818.79	1/4	1,522.58	1/4	1,226.29	1/4	930.62	1/4	639.75	1/4	343.25	1/4	47.46	1/4		1/4		1/4	
1/2	1,812.63	1/2	1,516.41	1/2	1,220.11	1/2	924.57	1/2	633.57	1/2	337.07	1/2	41.40	1/2		1/2		1/2	
3/4	1,806.45	3/4	1,510.23	3/4	1,213.94	3/4	918.53	3/4	627.40	3/4	330.90	3/4	36.25	3/4		3/4		3/4	
4	1,800.28	4	1,504.06	4	1,207.77	4	912.48	4	912.22	4	324.72	4	31.10	4		4		4	
1/4	1,794.11	1/4	1,497.89	1/4	1,201.59	1/4	906.43	1/4	615.04	1/4	318.54	1/4	25.95	1/4		1/4		1/4	
1/2	1,787.94	1/2	1,491.72	1/2	1,195.42	1/2	900.39	1/2	608.87	1/2	312.37	1/2	20.80	1/2		1/2		1/2	
3/4	1,781.76	3/4	1,485.54	3/4	1,189.25	3/4	894.36	3/4	602.69	3/4	306.19	3/4	17.71	3/4		3/4		3/4	
5	1,775.59	5	1,479.37	5	1,183.08	5	888.33	5	596.51	5	300.01	5	14.62	5		5		5	
1/4	1,769.42	1/4	1,473.20	1/4	1,176.90	1/4	882.30	1/4	590.34	1/4	293.83	1/4	11.52	1/4		1/4		1/4	
1/2	1,763.24	1/2	1,467.03	1/2	1,170.73	1/2	876.27	1/2	584.16	1/2	287.66	1/2	8.43	1/2		1/2		1/2	
3/4	1,757.07	3/4	1,460.85	3/4	1,164.56	3/4	870.25	3/4	577.98	3/4	281.48	3/4	7.40	3/4		3/4		3/4	
6	1,750.90	6	1,454.68	6	1,158.39	6	864.24	6	571.80	6	275.30	6	6.37	6		6		6	
1/4	1,744.73	1/4	1,448.51	1/4	1,152.21	1/4	858.22	1/4	565.63	1/4	269.13	1/4	5.34	1/4		1/4		1/4	
1/2	1,738.55	1/2	1,442.33	1/2	1,146.04	1/2	852.21	1/2	559.45	1/2	262.95	1/2	4.30	1/2		1/2		1/2	
3/4	1,732.38	3/4	1,436.16	3/4	1,139.87	3/4	846.20	3/4	553.27	3/4	256.77	3/4		3/4		3/4		3/4	
7	1,726.21	7	1,429.99	7	1,133.69	7	840.18	7	547.10	7	250.59	7		7		7		7	
1/4	1,720.04	1/4	1,423.82	1/4	1,127.52	1/4	834.17	1/4	540.92	1/4	244.42	1/4		1/4		1/4		1/4	
1/2	1,713.87	1/2	1,417.64	1/2	1,121.35	1/2	828.15	1/2	534.74	1/2	238.24	1/2		1/2		1/2		1/2	
3/4	1,707.70	3/4	1,411.47	3/4	1,115.18	3/4	822.14	3/4	528.56	3/4	232.06	3/4		3/4		3/4		3/4	
8	1,701.53	8	1,405.30	8	1,109.00	8	816.13	8	522.39	8	225.89	8		8		8		8	
1/4	1,695.36	1/4	1,399.12	1/4	1,102.83	1/4	810.11	1/4	516.21	1/4	219.71	1/4		1/4		1/4		1/4	
1/2	1,689.19	1/2	1,392.95	1/2	1,096.66	1/2	804.10	1/2	510.03	1/2	213.53	1/2		1/2		1/2		1/2	
3/4	1,683.02	3/4	1,386.78	3/4	1,090.48	3/4	798.08	3/4	503.86	3/4	207.35	3/4		3/4		3/4		3/4	
9	1,676.85	9	1,380.61	9	1,084.31	9	792.07	9	497.68	9	201.18	9		9		9		9	
1/4	1,670.68	1/4	1,374.43	1/4	1,078.14	1/4	786.06	1/4	491.50	1/4	195.00	1/4		1/4		1/4		1/4	
1/2	1,664.51	1/2	1,368.26	1/2	1,071.97	1/2	780.04	1/2	485.32	1/2	188.82	1/2		1/2		1/2		1/2	
3/4	1,658.34	3/4	1,362.09	3/4	1,065.79	3/4	774.03	3/4	479.15	3/4	182.65	3/4		3/4		3/4		3/4	
10	1,652.18	10	1,355.91	10	1,059.62	10	768.01	10	472.97	10	176.47	10		10		10		10	
1/4	1,646.01	1/4	1,349.74	1/4	1,053.45	1/4	762.00	1/4	466.79	1/4	170.29	1/4		1/4		1/4		1/4	
1/2	1,639.84	1/2	1,343.57	1/2	1,047.27	1/2	755.99	1/2	460.62	1/2	164.12	1/2		1/2		1/2		1/2	
3/4	1,633.67	3/4	1,337.40	3/4	1,041.10	3/4	749.97	3/4	454.44	3/4	157.94	3/4		3/4		3/4		3/4	
11	1,627.50	11	1,331.22	11	1,034.93	11	743.96	11	448.26	11	151.75	11		11		11		11	
1/4	1,621.33	1/4	1,325.05	1/4	1,028.76	1/4	737.94	1/4	442.08	1/4	145.57	1/4		1/4		1/4		1/4	
1/2	1,615.16	1/2	1,318.88	1/2	1,022.58	1/2	731.93	1/2	435.91	1/2	139.39	1/2		1/2		1/2		1/2	
3/4	1,608.99	3/4	1,312.71	3/4	1,016.41	3/4	725.85	3/4	429.73	3/4	133.22	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/27/2015 CL
CALCULATED: 01/28/2015 CL
PRINTED: 01/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "KIRBY 10122"

2 CENTER ULLAGE 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		0		0		0		0	3,261.12	0	2,999.57	0	2,738.03	0	2,476.11	0	2,213.17	0	1,950.23
1/4		1/4		1/4		1/4		1/4	3,255.67	1/4	2,994.12	1/4	2,732.58	1/4	2,470.63	1/4	2,207.69	1/4	1,944.75
1/2		1/2		1/2		1/2		1/2	3,250.22	1/2	2,988.67	1/2	2,727.13	1/2	2,465.15	1/2	2,202.21	1/2	1,939.28
3/4		3/4		3/4		3/4	3,471.12	3/4	3,244.77	3/4	2,983.23	3/4	2,721.68	3/4	2,459.68	3/4	2,196.74	3/4	1,933.80
1		1		1		1	3,470.21	1	3,239.32	1	2,977.78	1	2,716.23	1	2,454.20	1	2,191.26	1	1,928.32
1/4		1/4		1/4		1/4	3,469.30	1/4	3,233.87	1/4	2,972.33	1/4	2,710.79	1/4	2,448.72	1/4	2,185.78	1/4	1,922.84
1/2		1/2		1/2		1/2	3,468.38	1/2	3,228.42	1/2	2,966.88	1/2	2,705.34	1/2	2,443.24	1/2	2,180.30	1/2	1,917.36
3/4		3/4		3/4		3/4	3,467.47	3/4	3,222.97	3/4	2,961.43	3/4	2,699.89	3/4	2,437.76	3/4	2,174.82	3/4	1,911.89
2		2		2		2	3,464.73	2	3,217.52	2	2,955.98	2	2,694.44	2	2,432.29	2	2,169.35	2	1,906.41
1/4		1/4		1/4		1/4	3,461.99	1/4	3,212.08	1/4	2,950.53	1/4	2,688.99	1/4	2,426.81	1/4	2,163.87	1/4	1,900.93
1/2		1/2		1/2		1/2	3,459.25	1/2	3,206.63	1/2	2,945.08	1/2	2,683.54	1/2	2,421.33	1/2	2,158.39	1/2	1,895.45
3/4		3/4		3/4		3/4	3,456.51	3/4	3,201.18	3/4	2,939.64	3/4	2,678.09	3/4	2,415.85	3/4	2,152.91	3/4	1,889.97
3		3		3		3	3,452.07	3	3,195.73	3	2,934.19	3	2,672.64	3	2,410.37	3	2,147.44	3	1,884.50
1/4		1/4		1/4		1/4	3,447.63	1/4	3,190.28	1/4	2,928.74	1/4	2,667.20	1/4	2,404.90	1/4	2,141.96	1/4	1,879.02
1/2		1/2		1/2		1/2	3,443.19	1/2	3,184.83	1/2	2,923.29	1/2	2,661.75	1/2	2,399.42	1/2	2,136.48	1/2	1,873.54
3/4		3/4		3/4		3/4	3,438.75	3/4	3,179.38	3/4	2,917.84	3/4	2,656.30	3/4	2,393.94	3/4	2,131.00	3/4	1,868.06
4		4		4		4	3,433.44	4	3,173.93	4	2,912.39	4	2,650.85	4	2,388.46	4	2,125.52	4	1,862.58
1/4		1/4		1/4		1/4	3,428.13	1/4	3,168.49	1/4	2,906.94	1/4	2,645.40	1/4	2,382.99	1/4	2,120.05	1/4	1,857.11
1/2		1/2		1/2		1/2	3,422.82	1/2	3,163.04	1/2	2,901.49	1/2	2,639.95	1/2	2,377.51	1/2	2,114.57	1/2	1,851.63
3/4		3/4		3/4		3/4	3,417.51	3/4	3,157.59	3/4	2,896.05	3/4	2,634.50	3/4	2,372.03	3/4	2,109.09	3/4	1,846.15
5		5		5		5	3,412.17	5	3,152.14	5	2,890.60	5	2,629.05	5	2,366.55	5	2,103.61	5	1,840.67
1/4		1/4		1/4		1/4	3,406.83	1/4	3,146.69	1/4	2,885.15	1/4	2,623.61	1/4	2,361.07	1/4	2,098.13	1/4	1,835.20
1/2		1/2		1/2		1/2	3,401.49	1/2	3,141.24	1/2	2,879.70	1/2	2,618.16	1/2	2,355.60	1/2	2,092.66	1/2	1,829.72
3/4		3/4		3/4		3/4	3,396.15	3/4	3,135.79	3/4	2,874.25	3/4	2,612.71	3/4	2,350.12	3/4	2,087.18	3/4	1,824.24
6		6		6		6	3,390.80	6	3,130.34	6	2,868.80	6	2,607.26	6	2,344.64	6	2,081.70	6	1,818.76
1/4		1/4		1/4		1/4	3,385.45	1/4	3,124.90	1/4	2,863.35	1/4	2,601.81	1/4	2,339.16	1/4	2,076.22	1/4	1,813.28
1/2		1/2		1/2		1/2	3,380.09	1/2	3,119.45	1/2	2,857.90	1/2	2,596.36	1/2	2,333.68	1/2	2,070.74	1/2	1,807.81
3/4		3/4		3/4		3/4	3,374.74	3/4	3,114.00	3/4	2,852.45	3/4	2,590.91	3/4	2,328.21	3/4	2,065.27	3/4	1,802.33
7		7		7		7	3,369.39	7	3,108.55	7	2,847.01	7	2,585.46	7	2,322.73	7	2,059.79	7	1,796.85
1/4		1/4		1/4		1/4	3,364.04	1/4	3,103.10	1/4	2,841.56	1/4	2,580.01	1/4	2,317.25	1/4	2,054.31	1/4	1,791.37
1/2		1/2		1/2		1/2	3,358.69	1/2	3,097.65	1/2	2,836.11	1/2	2,574.57	1/2	2,311.77	1/2	2,048.83	1/2	1,785.89
3/4		3/4		3/4		3/4	3,353.35	3/4	3,092.20	3/4	2,830.66	3/4	2,569.12	3/4	2,306.29	3/4	2,043.36	3/4	1,780.42
8		8		8		8	3,348.00	8	3,086.75	8	2,825.21	8	2,563.67	8	2,300.82	8	2,037.88	8	1,774.94
1/4		1/4		1/4		1/4	3,342.65	1/4	3,081.30	1/4	2,819.76	1/4	2,558.22	1/4	2,295.34	1/4	2,032.40	1/4	1,769.46
1/2		1/2		1/2		1/2	3,337.30	1/2	3,075.86	1/2	2,814.31	1/2	2,552.77	1/2	2,289.86	1/2	2,026.92	1/2	1,763.98
3/4		3/4		3/4		3/4	3,331.95	3/4	3,070.41	3/4	2,808.86	3/4	2,547.32	3/4	2,284.38	3/4	2,021.44	3/4	1,758.50
9		9		9		9	3,326.50	9	3,064.96	9	2,803.42	9	2,541.84	9	2,278.91	9	2,015.97	9	1,753.03
1/4		1/4		1/4		1/4	3,321.05	1/4	3,059.51	1/4	2,797.97	1/4	2,536.37	1/4	2,273.43	1/4	2,010.49	1/4	1,747.55
1/2		1/2		1/2		1/2	3,315.60	1/2	3,054.06	1/2	2,792.52	1/2	2,530.89	1/2	2,267.95	1/2	2,005.01	1/2	1,742.07
3/4		3/4		3/4		3/4	3,310.15	3/4	3,048.61	3/4	2,787.07	3/4	2,525.41	3/4	2,262.47	3/4	1,999.53	3/4	1,736.59
10		10		10		10	3,304.71	10	3,043.16	10	2,781.62	10	2,519.93	10	2,256.99	10	1,994.05	10	1,731.12
1/4		1/4		1/4		1/4	3,299.26	1/4	3,037.71	1/4	2,776.17	1/4	2,514.45	1/4	2,251.52	1/4	1,988.58	1/4	1,725.64
1/2		1/2		1/2		1/2	3,293.81	1/2	3,032.27	1/2	2,770.72	1/2	2,508.98	1/2	2,246.04	1/2	1,983.10	1/2	1,720.16
3/4		3/4		3/4		3/4	3,288.36	3/4	3,026.82	3/4	2,765.27	3/4	2,503.50	3/4	2,240.56	3/4	1,977.62	3/4	1,714.68
11		11		11		11	3,282.91	11	3,021.37	11	2,759.83	11	2,498.02	11	2,235.08	11	1,972.14	11	1,709.20
1/4		1/4		1/4		1/4	3,277.46	1/4	3,015.92	1/4	2,754.38	1/4	2,492.54	1/4	2,229.60	1/4	1,966.66	1/4	1,703.73
1/2		1/2		1/2		1/2	3,272.01	1/2	3,010.47	1/2	2,748.93	1/2	2,487.07	1/2	2,224.13	1/2	1,961.19	1/2	1,698.25
3/4		3/4		3/4		3/4	3,266.56	3/4	3,005.02	3/4	2,743.48	3/4	2,481.59	3/4	2,218.65	3/4	1,955.71	3/4	1,692.77

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 10122"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,687.29	0	1,424.35	0	1,161.26	0	899.76	0	640.85	0	377.90	0	114.85	0		0		0	
1/4	1,681.81	1/4	1,418.87	1/4	1,155.77	1/4	894.36	1/4	635.41	1/4	372.42	1/4	109.39	1/4		1/4		1/4	
1/2	1,676.34	1/2	1,413.40	1/2	1,150.29	1/2	888.96	1/2	629.98	1/2	366.93	1/2	103.92	1/2		1/2		1/2	
3/4	1,670.86	3/4	1,407.92	3/4	1,144.81	3/4	883.57	3/4	624.54	3/4	361.45	3/4	98.46	3/4		3/4		3/4	
1	1,665.38	1	1,402.44	1	1,139.33	1	878.17	1	619.06	1	355.97	1	93.01	1		1		1	
1/4	1,659.90	1/4	1,396.96	1/4	1,133.85	1/4	872.77	1/4	613.58	1/4	350.49	1/4	87.56	1/4		1/4		1/4	
1/2	1,654.42	1/2	1,391.47	1/2	1,128.37	1/2	867.38	1/2	608.10	1/2	345.01	1/2	82.12	1/2		1/2		1/2	
3/4	1,648.95	3/4	1,385.99	3/4	1,122.89	3/4	861.98	3/4	602.62	3/4	339.53	3/4	76.67	3/4		3/4		3/4	
2	1,643.47	2	1,380.51	2	1,117.40	2	856.58	2	597.14	2	334.05	2	71.25	2		2		2	
1/4	1,637.99	1/4	1,375.03	1/4	1,111.92	1/4	851.19	1/4	591.66	1/4	328.57	1/4	65.84	1/4		1/4		1/4	
1/2	1,632.51	1/2	1,369.55	1/2	1,106.44	1/2	845.79	1/2	586.17	1/2	323.09	1/2	60.42	1/2		1/2		1/2	
3/4	1,627.03	3/4	1,364.07	3/4	1,100.96	3/4	840.39	3/4	580.69	3/4	317.61	3/4	55.00	3/4		3/4		3/4	
3	1,621.56	3	1,358.59	3	1,095.48	3	835.00	3	575.21	3	312.12	3	49.63	3		3		3	
1/4	1,616.08	1/4	1,353.10	1/4	1,090.00	1/4	829.60	1/4	569.73	1/4	306.64	1/4	44.27	1/4		1/4		1/4	
1/2	1,610.60	1/2	1,347.62	1/2	1,084.52	1/2	824.20	1/2	564.25	1/2	301.16	1/2	38.90	1/2		1/2		1/2	
3/4	1,605.12	3/4	1,342.14	3/4	1,079.03	3/4	818.81	3/4	558.77	3/4	295.68	3/4	33.53	3/4		3/4		3/4	
4	1,599.65	4	1,336.66	4	1,073.55	4	813.42	4	553.29	4	290.20	4	28.97	4		4		4	
1/4	1,594.17	1/4	1,331.18	1/4	1,068.07	1/4	808.02	1/4	547.81	1/4	284.72	1/4	24.41	1/4		1/4		1/4	
1/2	1,588.69	1/2	1,325.70	1/2	1,062.59	1/2	802.63	1/2	542.33	1/2	279.24	1/2	19.85	1/2		1/2		1/2	
3/4	1,583.21	3/4	1,320.22	3/4	1,057.11	3/4	797.24	3/4	536.85	3/4	273.76	3/4	15.29	3/4		3/4		3/4	
5	1,577.73	5	1,314.74	5	1,051.63	5	791.85	5	531.36	5	268.28	5	12.55	5		5		5	
1/4	1,572.26	1/4	1,309.25	1/4	1,046.15	1/4	786.46	1/4	525.88	1/4	262.80	1/4	9.81	1/4		1/4		1/4	
1/2	1,566.78	1/2	1,303.77	1/2	1,040.67	1/2	781.07	1/2	520.40	1/2	257.31	1/2	7.07	1/2		1/2		1/2	
3/4	1,561.30	3/4	1,298.29	3/4	1,035.18	3/4	775.68	3/4	514.92	3/4	251.83	3/4	4.33	3/4		3/4		3/4	
6	1,555.82	6	1,292.81	6	1,029.70	6	770.29	6	509.44	6	246.35	6	3.42	6		6		6	
1/4	1,550.34	1/4	1,287.33	1/4	1,024.22	1/4	764.89	1/4	503.96	1/4	240.87	1/4	2.50	1/4		1/4		1/4	
1/2	1,544.87	1/2	1,281.85	1/2	1,018.74	1/2	759.50	1/2	498.48	1/2	235.39	1/2	1.59	1/2		1/2		1/2	
3/4	1,539.39	3/4	1,276.37	3/4	1,013.26	3/4	754.11	3/4	493.00	3/4	229.91	3/4	0.68	3/4		3/4		3/4	
7	1,533.91	7	1,270.88	7	1,007.82	7	748.72	7	487.52	7	224.43	7		7		7		7	
1/4	1,528.43	1/4	1,265.40	1/4	1,002.38	1/4	743.33	1/4	482.04	1/4	218.95	1/4		1/4		1/4		1/4	
1/2	1,522.95	1/2	1,259.92	1/2	996.94	1/2	737.94	1/2	476.55	1/2	213.47	1/2		1/2		1/2		1/2	
3/4	1,517.48	3/4	1,254.44	3/4	991.50	3/4	732.55	3/4	471.07	3/4	207.99	3/4		3/4		3/4		3/4	
8	1,512.00	8	1,248.96	8	986.11	8	727.16	8	465.59	8	202.50	8		8		8		8	
1/4	1,506.52	1/4	1,243.48	1/4	980.71	1/4	721.76	1/4	460.11	1/4	197.02	1/4		1/4		1/4		1/4	
1/2	1,501.04	1/2	1,238.00	1/2	975.31	1/2	716.37	1/2	454.63	1/2	191.54	1/2		1/2		1/2		1/2	
3/4	1,495.57	3/4	1,232.51	3/4	969.91	3/4	710.98	3/4	449.15	3/4	186.06	3/4		3/4		3/4		3/4	
9	1,490.09	9	1,227.03	9	964.52	9	705.59	9	443.67	9	180.58	9		9		9		9	
1/4	1,484.61	1/4	1,221.55	1/4	959.12	1/4	700.20	1/4	438.19	1/4	175.10	1/4		1/4		1/4		1/4	
1/2	1,479.13	1/2	1,216.07	1/2	953.72	1/2	694.81	1/2	432.71	1/2	169.62	1/2		1/2		1/2		1/2	
3/4	1,473.65	3/4	1,210.59	3/4	948.33	3/4	689.42	3/4	427.23	3/4	164.14	3/4		3/4		3/4		3/4	
10	1,468.18	10	1,205.11	10	942.93	10	684.02	10	421.74	10	158.66	10		10		10		10	
1/4	1,462.70	1/4	1,199.63	1/4	937.53	1/4	678.63	1/4	416.26	1/4	153.18	1/4		1/4		1/4		1/4	
1/2	1,457.22	1/2	1,194.14	1/2	932.14	1/2	673.24	1/2	410.78	1/2	147.70	1/2		1/2		1/2		1/2	
3/4	1,451.74	3/4	1,188.66	3/4	926.74	3/4	667.85	3/4	405.30	3/4	142.22	3/4		3/4		3/4		3/4	
11	1,446.26	11	1,183.18	11	921.34	11	662.46	11	399.82	11	136.74	11		11		11		11	
1/4	1,440.79	1/4	1,177.70	1/4	915.95	1/4	657.07	1/4	394.34	1/4	131.27	1/4		1/4		1/4		1/4	
1/2	1,435.31	1/2	1,172.22	1/2	910.55	1/2	651.68	1/2	388.86	1/2	125.79	1/2		1/2		1/2		1/2	
3/4	1,429.83	3/4	1,166.74	3/4	905.15	3/4	646.29	3/4	383.38	3/4	120.31	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/27/2015 CL
CALCULATED: 01/28/2015 CL
PRINTED: 01/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "KIRBY 10122"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,237.48	0	2,977.75	0	2,718.02	0	2,457.88	0	2,196.75	0	1,935.63
1/4		1/4		1/4		1/4		1/4	3,232.07	1/4	2,972.34	1/4	2,712.60	1/4	2,452.44	1/4	2,191.31	1/4	1,930.19
1/2		1/2		1/2		1/2	3,451.44	1/2	3,226.66	1/2	2,966.93	1/2	2,707.19	1/2	2,447.00	1/2	2,185.87	1/2	1,924.75
3/4		3/4		3/4		3/4	3,450.54	3/4	3,221.25	3/4	2,961.51	3/4	2,701.78	3/4	2,441.56	3/4	2,180.43	3/4	1,919.31
1		1		1		1	3,449.63	1	3,215.84	1	2,956.10	1	2,696.37	1	2,436.12	1	2,174.99	1	1,913.87
1/4		1/4		1/4		1/4	3,448.72	1/4	3,210.43	1/4	2,950.69	1/4	2,690.96	1/4	2,430.68	1/4	2,169.55	1/4	1,908.43
1/2		1/2		1/2		1/2	3,447.82	1/2	3,205.01	1/2	2,945.28	1/2	2,685.55	1/2	2,425.24	1/2	2,164.11	1/2	1,902.99
3/4		3/4		3/4		3/4	3,445.09	3/4	3,199.60	3/4	2,939.87	3/4	2,680.14	3/4	2,419.80	3/4	2,158.67	3/4	1,897.55
2		2		2		2	3,442.37	2	3,194.19	2	2,934.46	2	2,674.73	2	2,414.36	2	2,153.23	2	1,892.11
1/4		1/4		1/4		1/4	3,439.65	1/4	3,188.78	1/4	2,929.05	1/4	2,669.32	1/4	2,408.92	1/4	2,147.79	1/4	1,886.67
1/2		1/2		1/2		1/2	3,436.93	1/2	3,183.37	1/2	2,923.64	1/2	2,663.90	1/2	2,403.48	1/2	2,142.35	1/2	1,881.23
3/4		3/4		3/4		3/4	3,432.52	3/4	3,177.96	3/4	2,918.23	3/4	2,658.49	3/4	2,398.04	3/4	2,136.91	3/4	1,875.79
3		3		3		3	3,428.11	3	3,172.55	3	2,912.81	3	2,653.08	3	2,392.60	3	2,131.47	3	1,870.35
1/4		1/4		1/4		1/4	3,423.71	1/4	3,167.14	1/4	2,907.40	1/4	2,647.67	1/4	2,387.16	1/4	2,126.03	1/4	1,864.91
1/2		1/2		1/2		1/2	3,419.30	1/2	3,161.73	1/2	2,901.99	1/2	2,642.26	1/2	2,381.72	1/2	2,120.59	1/2	1,859.47
3/4		3/4		3/4		3/4	3,414.03	3/4	3,156.31	3/4	2,896.58	3/4	2,636.85	3/4	2,376.27	3/4	2,115.15	3/4	1,854.03
4		4		4		4	3,408.76	4	3,150.90	4	2,891.17	4	2,631.44	4	2,370.83	4	2,109.71	4	1,848.59
1/4		1/4		1/4		1/4	3,403.48	1/4	3,145.49	1/4	2,885.76	1/4	2,626.03	1/4	2,365.39	1/4	2,104.27	1/4	1,843.15
1/2		1/2		1/2		1/2	3,398.21	1/2	3,140.08	1/2	2,880.35	1/2	2,620.62	1/2	2,359.95	1/2	2,098.83	1/2	1,837.71
3/4		3/4		3/4		3/4	3,392.91	3/4	3,134.67	3/4	2,874.94	3/4	2,615.20	3/4	2,354.51	3/4	2,093.39	3/4	1,832.26
5		5		5		5	3,387.61	5	3,129.26	5	2,869.53	5	2,609.79	5	2,349.07	5	2,087.95	5	1,826.82
1/4		1/4		1/4		1/4	3,382.30	1/4	3,123.85	1/4	2,864.11	1/4	2,604.38	1/4	2,343.63	1/4	2,082.51	1/4	1,821.38
1/2		1/2		1/2		1/2	3,377.00	1/2	3,118.44	1/2	2,858.70	1/2	2,598.97	1/2	2,338.19	1/2	2,077.07	1/2	1,815.94
3/4		3/4		3/4		3/4	3,371.68	3/4	3,113.03	3/4	2,853.29	3/4	2,593.56	3/4	2,332.75	3/4	2,071.63	3/4	1,810.50
6		6		6		6	3,366.36	6	3,107.61	6	2,847.88	6	2,588.15	6	2,327.31	6	2,066.19	6	1,805.06
1/4		1/4		1/4		1/4	3,361.05	1/4	3,102.20	1/4	2,842.47	1/4	2,582.74	1/4	2,321.87	1/4	2,060.75	1/4	1,799.62
1/2		1/2		1/2		1/2	3,355.73	1/2	3,096.79	1/2	2,837.06	1/2	2,577.33	1/2	2,316.43	1/2	2,055.31	1/2	1,794.18
3/4		3/4		3/4		3/4	3,350.42	3/4	3,091.38	3/4	2,831.65	3/4	2,571.92	3/4	2,310.99	3/4	2,049.87	3/4	1,788.74
7		7		7		7	3,345.10	7	3,085.97	7	2,826.24	7	2,566.50	7	2,305.55	7	2,044.43	7	1,783.30
1/4		1/4		1/4		1/4	3,339.79	1/4	3,080.56	1/4	2,820.83	1/4	2,561.09	1/4	2,300.11	1/4	2,038.99	1/4	1,777.86
1/2		1/2		1/2		1/2	3,334.48	1/2	3,075.15	1/2	2,815.42	1/2	2,555.68	1/2	2,294.67	1/2	2,033.55	1/2	1,772.42
3/4		3/4		3/4		3/4	3,329.17	3/4	3,069.74	3/4	2,810.00	3/4	2,550.27	3/4	2,289.23	3/4	2,028.11	3/4	1,766.98
8		8		8		8	3,323.86	8	3,064.33	8	2,804.59	8	2,544.86	8	2,283.79	8	2,022.67	8	1,761.54
1/4		1/4		1/4		1/4	3,318.55	1/4	3,058.91	1/4	2,799.18	1/4	2,539.45	1/4	2,278.35	1/4	2,017.23	1/4	1,756.10
1/2		1/2		1/2		1/2	3,313.24	1/2	3,053.50	1/2	2,793.77	1/2	2,534.04	1/2	2,272.91	1/2	2,011.79	1/2	1,750.66
3/4		3/4		3/4		3/4	3,307.83	3/4	3,048.09	3/4	2,788.36	3/4	2,528.60	3/4	2,267.47	3/4	2,006.35	3/4	1,745.22
9		9		9		9	3,302.41	9	3,042.68	9	2,782.95	9	2,523.16	9	2,262.03	9	2,000.91	9	1,739.78
1/4		1/4		1/4		1/4	3,297.00	1/4	3,037.27	1/4	2,777.54	1/4	2,517.72	1/4	2,256.59	1/4	1,995.47	1/4	1,734.34
1/2		1/2		1/2		1/2	3,291.59	1/2	3,031.86	1/2	2,772.13	1/2	2,512.28	1/2	2,251.15	1/2	1,990.03	1/2	1,728.90
3/4		3/4		3/4		3/4	3,286.18	3/4	3,026.45	3/4	2,766.72	3/4	2,506.84	3/4	2,245.71	3/4	1,984.59	3/4	1,723.46
10		10		10		10	3,280.77	10	3,021.04	10	2,761.30	10	2,501.40	10	2,240.27	10	1,979.15	10	1,718.02
1/4		1/4		1/4		1/4	3,275.36	1/4	3,015.63	1/4	2,755.89	1/4	2,495.96	1/4	2,234.83	1/4	1,973.71	1/4	1,712.58
1/2		1/2		1/2		1/2	3,269.95	1/2	3,010.21	1/2	2,750.48	1/2	2,490.52	1/2	2,229.39	1/2	1,968.27	1/2	1,707.14
3/4		3/4		3/4		3/4	3,264.54	3/4	3,004.80	3/4	2,745.07	3/4	2,485.08	3/4	2,223.95	3/4	1,962.83	3/4	1,701.70
11		11		11		11	3,259.13	11	2,999.39	11	2,739.66	11	2,479.64	11	2,218.51	11	1,957.39	11	1,696.26
1/4		1/4		1/4		1/4	3,253.71	1/4	2,993.98	1/4	2,734.25	1/4	2,474.20	1/4	2,213.07	1/4	1,951.95	1/4	1,690.82
1/2		1/2		1/2		1/2	3,248.30	1/2	2,988.57	1/2	2,728.84	1/2	2,468.76	1/2	2,207.63	1/2	1,946.51	1/2	1,685.38
3/4		3/4		3/4		3/4	3,242.89	3/4	2,983.16	3/4	2,723.43	3/4	2,463.32	3/4	2,202.19	3/4	1,941.07	3/4	1,679.94

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 ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 10122"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,674.50	0	1,413.38	0	1,152.09	0	891.59	0	631.13	0	369.85	0	108.64	0		0		0	
1/4	1,669.06	1/4	1,407.94	1/4	1,146.64	1/4	886.18	1/4	625.68	1/4	364.41	1/4	103.21	1/4		1/4		1/4	
1/2	1,663.62	1/2	1,402.50	1/2	1,141.20	1/2	880.78	1/2	620.24	1/2	358.97	1/2	97.78	1/2		1/2		1/2	
3/4	1,658.18	3/4	1,397.05	3/4	1,135.76	3/4	875.37	3/4	614.80	3/4	353.52	3/4	92.38	3/4		3/4		3/4	
1	1,652.74	1	1,391.61	1	1,130.31	1	869.96	1	609.35	1	348.08	1	86.97	1		1		1	
1/4	1,647.30	1/4	1,386.17	1/4	1,124.87	1/4	864.55	1/4	603.91	1/4	342.64	1/4	81.56	1/4		1/4		1/4	
1/2	1,641.86	1/2	1,380.72	1/2	1,119.42	1/2	859.15	1/2	598.47	1/2	337.20	1/2	76.15	1/2		1/2		1/2	
3/4	1,636.42	3/4	1,375.28	3/4	1,113.98	3/4	853.74	3/4	593.03	3/4	331.75	3/4	70.77	3/4		3/4		3/4	
2	1,630.98	2	1,369.83	2	1,108.54	2	848.33	2	587.58	2	326.31	2	65.39	2		2		2	
1/4	1,625.54	1/4	1,364.39	1/4	1,103.09	1/4	842.92	1/4	582.14	1/4	320.87	1/4	60.01	1/4		1/4		1/4	
1/2	1,620.10	1/2	1,358.95	1/2	1,097.65	1/2	837.52	1/2	576.70	1/2	315.42	1/2	54.63	1/2		1/2		1/2	
3/4	1,614.66	3/4	1,353.50	3/4	1,092.21	3/4	832.11	3/4	571.25	3/4	309.98	3/4	49.30	3/4		3/4		3/4	
3	1,609.22	3	1,348.06	3	1,086.76	3	826.70	3	565.81	3	304.54	3	43.97	3		3		3	
1/4	1,603.78	1/4	1,342.62	1/4	1,081.32	1/4	821.30	1/4	560.37	1/4	299.09	1/4	38.63	1/4		1/4		1/4	
1/2	1,598.34	1/2	1,337.17	1/2	1,075.88	1/2	815.89	1/2	554.92	1/2	293.65	1/2	33.30	1/2		1/2		1/2	
3/4	1,592.90	3/4	1,331.73	3/4	1,070.43	3/4	810.49	3/4	549.48	3/4	288.21	3/4	28.78	3/4		3/4		3/4	
4	1,587.46	4	1,326.29	4	1,064.99	4	805.08	4	544.04	4	282.76	4	24.25	4		4		4	
1/4	1,582.02	1/4	1,320.84	1/4	1,059.54	1/4	799.68	1/4	538.59	1/4	277.32	1/4	19.72	1/4		1/4		1/4	
1/2	1,576.58	1/2	1,315.40	1/2	1,054.10	1/2	794.28	1/2	533.15	1/2	271.88	1/2	15.19	1/2		1/2		1/2	
3/4	1,571.14	3/4	1,309.95	3/4	1,048.66	3/4	788.84	3/4	527.71	3/4	266.43	3/4	12.47	3/4		3/4		3/4	
5	1,565.70	5	1,304.51	5	1,043.21	5	783.40	5	522.26	5	260.99	5	9.75	5		5		5	
1/4	1,560.26	1/4	1,299.07	1/4	1,037.77	1/4	777.97	1/4	516.82	1/4	255.55	1/4	7.03	1/4		1/4		1/4	
1/2	1,554.82	1/2	1,293.62	1/2	1,032.33	1/2	772.53	1/2	511.38	1/2	250.10	1/2	4.31	1/2		1/2		1/2	
3/4	1,549.38	3/4	1,288.18	3/4	1,026.88	3/4	767.09	3/4	505.93	3/4	244.66	3/4	3.40	3/4		3/4		3/4	
6	1,543.94	6	1,282.74	6	1,021.44	6	761.65	6	500.49	6	239.22	6	2.49	6		6		6	
1/4	1,538.50	1/4	1,277.29	1/4	1,015.99	1/4	756.21	1/4	495.05	1/4	233.77	1/4	1.58	1/4		1/4		1/4	
1/2	1,533.06	1/2	1,271.85	1/2	1,010.55	1/2	750.77	1/2	489.60	1/2	228.33	1/2	0.68	1/2		1/2		1/2	
3/4	1,527.62	3/4	1,266.40	3/4	1,005.14	3/4	745.34	3/4	484.16	3/4	222.89	3/4		3/4		3/4		3/4	
7	1,522.18	7	1,260.96	7	999.74	7	739.90	7	478.72	7	217.44	7		7		7		7	
1/4	1,516.74	1/4	1,255.52	1/4	994.33	1/4	734.46	1/4	473.28	1/4	212.00	1/4		1/4		1/4		1/4	
1/2	1,511.30	1/2	1,250.07	1/2	988.92	1/2	729.02	1/2	467.83	1/2	206.56	1/2		1/2		1/2		1/2	
3/4	1,505.86	3/4	1,244.63	3/4	983.51	3/4	723.58	3/4	462.39	3/4	201.12	3/4		3/4		3/4		3/4	
8	1,500.42	8	1,239.19	8	978.11	8	718.14	8	456.95	8	195.67	8		8		8		8	
1/4	1,494.98	1/4	1,233.74	1/4	972.70	1/4	712.71	1/4	451.50	1/4	190.23	1/4		1/4		1/4		1/4	
1/2	1,489.54	1/2	1,228.30	1/2	967.29	1/2	707.27	1/2	446.06	1/2	184.79	1/2		1/2		1/2		1/2	
3/4	1,484.10	3/4	1,222.85	3/4	961.88	3/4	701.83	3/4	440.62	3/4	179.34	3/4		3/4		3/4		3/4	
9	1,478.66	9	1,217.41	9	956.48	9	696.39	9	435.17	9	173.90	9		9		9		9	
1/4	1,473.22	1/4	1,211.97	1/4	951.07	1/4	690.95	1/4	429.73	1/4	168.46	1/4		1/4		1/4		1/4	
1/2	1,467.78	1/2	1,206.52	1/2	945.66	1/2	685.51	1/2	424.29	1/2	163.01	1/2		1/2		1/2		1/2	
3/4	1,462.34	3/4	1,201.08	3/4	940.26	3/4	680.08	3/4	418.84	3/4	157.57	3/4		3/4		3/4		3/4	
10	1,456.90	10	1,195.64	10	934.85	10	674.64	10	413.40	10	152.13	10		10		10		10	
1/4	1,451.46	1/4	1,190.19	1/4	929.44	1/4	669.20	1/4	407.96	1/4	146.68	1/4		1/4		1/4		1/4	
1/2	1,446.02	1/2	1,184.75	1/2	924.03	1/2	663.76	1/2	402.51	1/2	141.24	1/2		1/2		1/2		1/2	
3/4	1,440.58	3/4	1,179.31	3/4	918.63	3/4	658.32	3/4	397.07	3/4	135.80	3/4		3/4		3/4		3/4	
11	1,435.14	11	1,173.86	11	913.22	11	652.89	11	391.63	11	130.37	11		11		11		11	
1/4	1,429.70	1/4	1,168.42	1/4	907.81	1/4	647.45	1/4	386.18	1/4	124.93	1/4		1/4		1/4		1/4	
1/2	1,424.26	1/2	1,162.97	1/2	902.40	1/2	642.01	1/2	380.74	1/2	119.49	1/2		1/2		1/2		1/2	
3/4	1,418.82	3/4	1,157.53	3/4	897.00	3/4	636.57	3/4	375.30	3/4	114.06	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/27/2015 CL
CALCULATED: 01/28/2015 CL
PRINTED: 01/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

PRECISION MEASUREMENT
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