



BARGE "KIRBY 10095"

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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
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'-06"

January 31, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10095"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,759.01	0	3,538.49	0	3,285.95	0	3,033.41	0	2,773.44	0	2,478.24	0	2,182.37
1/4		1/4		1/4		1/4	3,757.97	1/4	3,533.23	1/4	3,280.69	1/4	3,028.15	1/4	2,767.29	1/4	2,472.07	1/4	2,176.21
1/2		1/2		1/2		1/2	3,756.94	1/2	3,527.97	1/2	3,275.43	1/2	3,022.89	1/2	2,761.15	1/2	2,465.91	1/2	2,170.04
3/4		3/4		3/4		3/4	3,755.91	3/4	3,522.70	3/4	3,270.17	3/4	3,017.63	3/4	2,755.00	3/4	2,459.75	3/4	2,163.88
1		1		1		1	3,754.88	1	3,517.44	1	3,264.91	1	3,012.37	1	2,748.86	1	2,453.58	1	2,157.72
1/4		1/4		1/4		1/4	3,751.78	1/4	3,512.18	1/4	3,259.64	1/4	3,007.11	1/4	2,742.71	1/4	2,447.42	1/4	2,151.55
1/2		1/2		1/2		1/2	3,748.69	1/2	3,506.92	1/2	3,254.38	1/2	3,001.85	1/2	2,736.57	1/2	2,441.26	1/2	2,145.39
3/4		3/4		3/4		3/4	3,745.60	3/4	3,501.66	3/4	3,249.12	3/4	2,996.58	3/4	2,730.42	3/4	2,435.09	3/4	2,139.22
2		2		2		2	3,742.50	2	3,496.40	2	3,243.86	2	2,991.32	2	2,724.28	2	2,428.93	2	2,133.06
1/4		1/4		1/4		1/4	3,738.36	1/4	3,491.14	1/4	3,238.60	1/4	2,986.06	1/4	2,718.13	1/4	2,422.76	1/4	2,126.90
1/2		1/2		1/2		1/2	3,734.21	1/2	3,485.88	1/2	3,233.34	1/2	2,980.80	1/2	2,711.99	1/2	2,416.60	1/2	2,120.73
3/4		3/4		3/4		3/4	3,730.07	3/4	3,480.61	3/4	3,228.08	3/4	2,975.54	3/4	2,705.84	3/4	2,410.44	3/4	2,114.57
3		3		3		3	3,725.93	3	3,475.35	3	3,222.82	3	2,970.28	3	2,699.69	3	2,404.27	3	2,108.40
1/4		1/4		1/4		1/4	3,720.80	1/4	3,470.09	1/4	3,217.55	1/4	2,965.02	1/4	2,693.55	1/4	2,398.11	1/4	2,102.24
1/2		1/2		1/2		1/2	3,715.67	1/2	3,464.83	1/2	3,212.29	1/2	2,959.76	1/2	2,687.40	1/2	2,391.94	1/2	2,096.08
3/4		3/4		3/4		3/4	3,710.55	3/4	3,459.57	3/4	3,207.03	3/4	2,954.49	3/4	2,681.26	3/4	2,385.78	3/4	2,089.91
4		4		4		4	3,705.42	4	3,454.31	4	3,201.77	4	2,949.23	4	2,675.11	4	2,379.62	4	2,083.75
1/4		1/4		1/4		1/4	3,700.26	1/4	3,449.05	1/4	3,196.51	1/4	2,943.97	1/4	2,668.97	1/4	2,373.45	1/4	2,077.59
1/2		1/2		1/2		1/2	3,695.09	1/2	3,443.79	1/2	3,191.25	1/2	2,938.71	1/2	2,662.82	1/2	2,367.29	1/2	2,071.42
3/4		3/4		3/4		3/4	3,689.93	3/4	3,438.52	3/4	3,185.99	3/4	2,933.45	3/4	2,656.68	3/4	2,361.12	3/4	2,065.26
5		5		5		5	3,684.77	5	3,433.26	5	3,180.73	5	2,928.19	5	2,650.53	5	2,354.96	5	2,059.09
1/4		1/4		1/4		1/4	3,679.59	1/4	3,428.00	1/4	3,175.46	1/4	2,922.93	1/4	2,644.39	1/4	2,348.80	1/4	2,052.93
1/2		1/2		1/2		1/2	3,674.42	1/2	3,422.74	1/2	3,170.20	1/2	2,917.67	1/2	2,638.24	1/2	2,342.63	1/2	2,046.77
3/4		3/4		3/4		3/4	3,669.24	3/4	3,417.48	3/4	3,164.94	3/4	2,912.40	3/4	2,632.10	3/4	2,336.47	3/4	2,040.60
6		6		6		6	3,664.06	6	3,412.22	6	3,159.68	6	2,907.14	6	2,625.95	6	2,330.30	6	2,034.44
1/4		1/4		1/4		1/4	3,658.89	1/4	3,406.96	1/4	3,154.42	1/4	2,901.88	1/4	2,619.80	1/4	2,324.14	1/4	2,028.27
1/2		1/2		1/2		1/2	3,653.71	1/2	3,401.70	1/2	3,149.16	1/2	2,896.62	1/2	2,613.66	1/2	2,317.98	1/2	2,022.11
3/4		3/4		3/4		3/4	3,648.54	3/4	3,396.44	3/4	3,143.90	3/4	2,891.36	3/4	2,607.51	3/4	2,311.81	3/4	2,015.95
7		7		7		7	3,643.36	7	3,391.17	7	3,138.64	7	2,886.10	7	2,601.37	7	2,305.65	7	2,009.78
1/4		1/4		1/4		1/4	3,638.19	1/4	3,385.91	1/4	3,133.38	1/4	2,880.84	1/4	2,595.22	1/4	2,299.49	1/4	2,003.62
1/2		1/2		1/2		1/2	3,633.02	1/2	3,380.65	1/2	3,128.11	1/2	2,875.58	1/2	2,589.08	1/2	2,293.32	1/2	1,997.45
3/4		3/4		3/4		3/4	3,627.84	3/4	3,375.39	3/4	3,122.85	3/4	2,870.32	3/4	2,582.93	3/4	2,287.16	3/4	1,991.29
8		8		8		8	3,622.67	8	3,370.13	8	3,117.59	8	2,865.05	8	2,576.79	8	2,280.99	8	1,985.13
1/4		1/4		1/4		1/4	3,617.41	1/4	3,364.87	1/4	3,112.33	1/4	2,859.77	1/4	2,570.64	1/4	2,274.83	1/4	1,978.96
1/2		1/2		1/2		1/2	3,612.14	1/2	3,359.61	1/2	3,107.07	1/2	2,854.48	1/2	2,564.50	1/2	2,268.67	1/2	1,972.80
3/4		3/4		3/4		3/4	3,606.88	3/4	3,354.35	3/4	3,101.81	3/4	2,849.20	3/4	2,558.35	3/4	2,262.50	3/4	1,966.63
9		9		9		9	3,601.62	9	3,349.08	9	3,096.55	9	2,843.91	9	2,552.21	9	2,256.34	9	1,960.47
1/4		1/4		1/4		1/4	3,596.36	1/4	3,343.82	1/4	3,091.29	1/4	2,838.62	1/4	2,546.04	1/4	2,250.17	1/4	1,954.31
1/2		1/2		1/2		1/2	3,591.10	1/2	3,338.56	1/2	3,086.02	1/2	2,833.34	1/2	2,539.88	1/2	2,244.01	1/2	1,948.14
3/4		3/4		3/4		3/4	3,585.84	3/4	3,333.30	3/4	3,080.76	3/4	2,828.05	3/4	2,533.71	3/4	2,237.85	3/4	1,941.98
10		10		10		10	3,580.58	10	3,328.04	10	3,075.50	10	2,822.77	10	2,527.55	10	2,231.68	10	1,935.82
1/4		1/4		1/4		1/4	3,575.32	1/4	3,322.78	1/4	3,070.24	1/4	2,816.58	1/4	2,521.39	1/4	2,225.52	1/4	1,929.65
1/2		1/2		1/2		1/2	3,570.05	1/2	3,317.52	1/2	3,064.98	1/2	2,810.39	1/2	2,515.22	1/2	2,219.35	1/2	1,923.49
3/4		3/4		3/4		3/4	3,564.79	3/4	3,312.26	3/4	3,059.72	3/4	2,804.21	3/4	2,509.06	3/4	2,213.19	3/4	1,917.32
11		11		11		11	3,559.53	11	3,306.99	11	3,054.46	11	2,798.02	11	2,502.89	11	2,207.03	11	1,911.16
1/4		1/4		1/4		1/4	3,554.27	1/4	3,301.73	1/4	3,049.20	1/4	2,791.88	1/4	2,496.73	1/4	2,200.86	1/4	1,905.00
1/2		1/2		1/2		1/2	3,549.01	1/2	3,296.47	1/2	3,043.93	1/2	2,785.73	1/2	2,490.57	1/2	2,194.70	1/2	1,898.83
3/4		3/4		3/4		3/4	3,543.75	3/4	3,291.21	3/4	3,038.67	3/4	2,779.59	3/4	2,484.40	3/4	2,188.54	3/4	1,892.67

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 10095"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	1,886.50	0	1,590.40	0	1,294.12	0	997.84	0	707.58	0	411.18	0	114.70	0		0		0	
1/4	1,880.34	1/4	1,584.23	1/4	1,287.95	1/4	991.67	1/4	701.43	1/4	405.00	1/4	108.55	1/4	1/4	1/4		1/4	
1/2	1,874.18	1/2	1,578.06	1/2	1,281.78	1/2	985.50	1/2	695.27	1/2	398.83	1/2	102.40	1/2	1/2	1/2		1/2	
3/4	1,868.01	3/4	1,571.89	3/4	1,275.61	3/4	979.33	3/4	689.11	3/4	392.65	3/4	96.26	3/4	3/4	3/4		3/4	
1	1,861.85	1	1,565.71	1	1,269.43	1	973.15	1	682.95	1	386.47	1	90.11	1	1	1		1	
1/4	1,855.68	1/4	1,559.54	1/4	1,263.26	1/4	967.04	1/4	676.77	1/4	380.30	1/4	83.99	1/4	1/4	1/4		1/4	
1/2	1,849.52	1/2	1,553.37	1/2	1,257.09	1/2	960.93	1/2	670.60	1/2	374.12	1/2	77.87	1/2	1/2	1/2		1/2	
3/4	1,843.36	3/4	1,547.20	3/4	1,250.92	3/4	954.82	3/4	664.42	3/4	367.94	3/4	71.76	3/4	3/4	3/4		3/4	
2	1,837.19	2	1,541.02	2	1,244.74	2	948.71	2	658.25	2	361.76	2	65.64	2	2	2		2	
1/4	1,831.03	1/4	1,534.85	1/4	1,238.57	1/4	942.67	1/4	652.07	1/4	355.59	1/4	59.58	1/4	1/4	1/4		1/4	
1/2	1,824.87	1/2	1,528.68	1/2	1,232.40	1/2	936.62	1/2	645.90	1/2	349.41	1/2	53.52	1/2	1/2	1/2		1/2	
3/4	1,818.70	3/4	1,522.51	3/4	1,226.23	3/4	930.57	3/4	639.72	3/4	343.23	3/4	47.46	3/4	3/4	3/4		3/4	
3	1,812.54	3	1,516.33	3	1,220.05	3	924.53	3	633.54	3	337.06	3	41.40	3	3	3		3	
1/4	1,806.37	1/4	1,510.16	1/4	1,213.88	1/4	918.48	1/4	627.37	1/4	330.88	1/4	36.25	1/4	1/4	1/4		1/4	
1/2	1,800.19	1/2	1,503.99	1/2	1,207.71	1/2	912.44	1/2	621.19	1/2	324.70	1/2	31.10	1/2	1/2	1/2		1/2	
3/4	1,794.02	3/4	1,497.82	3/4	1,201.54	3/4	906.39	3/4	615.01	3/4	318.53	3/4	25.95	3/4	3/4	3/4		3/4	
4	1,787.85	4	1,491.64	4	1,195.36	4	900.34	4	608.84	4	312.35	4	20.80	4	4	4		4	
1/4	1,781.68	1/4	1,485.47	1/4	1,189.19	1/4	894.31	1/4	602.66	1/4	306.17	1/4	17.71	1/4	1/4	1/4		1/4	
1/2	1,775.50	1/2	1,479.30	1/2	1,183.02	1/2	888.28	1/2	596.48	1/2	300.00	1/2	14.62	1/2	1/2	1/2		1/2	
3/4	1,769.33	3/4	1,473.13	3/4	1,176.85	3/4	882.25	3/4	590.31	3/4	293.82	3/4	11.52	3/4	3/4	3/4		3/4	
5	1,763.16	5	1,466.95	5	1,170.67	5	876.22	5	584.13	5	287.64	5	8.43	5	5	5		5	
1/4	1,756.99	1/4	1,460.78	1/4	1,164.50	1/4	870.21	1/4	577.95	1/4	281.47	1/4	7.40	1/4	1/4	1/4		1/4	
1/2	1,750.81	1/2	1,454.61	1/2	1,158.33	1/2	864.20	1/2	571.78	1/2	275.29	1/2	6.37	1/2	1/2	1/2		1/2	
3/4	1,744.64	3/4	1,448.44	3/4	1,152.16	3/4	858.18	3/4	565.60	3/4	269.11	3/4	5.34	3/4	3/4	3/4		3/4	
6	1,738.47	6	1,442.26	6	1,145.98	6	852.17	6	559.42	6	262.94	6	4.30	6	6	6		6	
1/4	1,732.30	1/4	1,436.09	1/4	1,139.81	1/4	846.15	1/4	553.25	1/4	256.76	1/4		1/4	1/4	1/4		1/4	
1/2	1,726.13	1/2	1,429.92	1/2	1,133.64	1/2	840.14	1/2	547.07	1/2	250.58	1/2		1/2	1/2	1/2		1/2	
3/4	1,719.96	3/4	1,423.75	3/4	1,127.47	3/4	834.13	3/4	540.89	3/4	244.41	3/4		3/4	3/4	3/4		3/4	
7	1,713.79	7	1,417.57	7	1,121.29	7	828.11	7	534.72	7	238.23	7		7	7	7		7	
1/4	1,707.62	1/4	1,411.40	1/4	1,115.12	1/4	822.10	1/4	528.54	1/4	232.05	1/4		1/4	1/4	1/4		1/4	
1/2	1,701.45	1/2	1,405.23	1/2	1,108.95	1/2	816.09	1/2	522.36	1/2	225.88	1/2		1/2	1/2	1/2		1/2	
3/4	1,695.28	3/4	1,399.06	3/4	1,102.78	3/4	810.07	3/4	516.18	3/4	219.70	3/4		3/4	3/4	3/4		3/4	
8	1,689.11	8	1,392.88	8	1,096.60	8	804.06	8	510.01	8	213.52	8		8	8	8		8	
1/4	1,682.94	1/4	1,386.71	1/4	1,090.43	1/4	798.04	1/4	503.83	1/4	207.34	1/4		1/4	1/4	1/4		1/4	
1/2	1,676.77	1/2	1,380.54	1/2	1,084.26	1/2	792.03	1/2	497.65	1/2	201.17	1/2		1/2	1/2	1/2		1/2	
3/4	1,670.60	3/4	1,374.37	3/4	1,078.09	3/4	786.02	3/4	491.48	3/4	194.99	3/4		3/4	3/4	3/4		3/4	
9	1,664.43	9	1,368.19	9	1,071.91	9	780.00	9	485.30	9	188.81	9		9	9	9		9	
1/4	1,658.26	1/4	1,362.02	1/4	1,065.74	1/4	773.99	1/4	479.12	1/4	182.64	1/4		1/4	1/4	1/4		1/4	
1/2	1,652.09	1/2	1,355.85	1/2	1,059.57	1/2	767.98	1/2	472.95	1/2	176.46	1/2		1/2	1/2	1/2		1/2	
3/4	1,645.93	3/4	1,349.68	3/4	1,053.40	3/4	761.96	3/4	466.77	3/4	170.29	3/4		3/4	3/4	3/4		3/4	
10	1,639.76	10	1,343.50	10	1,047.22	10	755.95	10	460.59	10	164.11	10		10	10	10		10	
1/4	1,633.59	1/4	1,337.33	1/4	1,041.05	1/4	749.94	1/4	454.42	1/4	157.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,627.42	1/2	1,331.16	1/2	1,034.88	1/2	743.92	1/2	448.24	1/2	151.75	1/2		1/2	1/2	1/2		1/2	
3/4	1,621.25	3/4	1,324.99	3/4	1,028.71	3/4	737.91	3/4	442.06	3/4	145.56	3/4		3/4	3/4	3/4		3/4	
11	1,615.08	11	1,318.81	11	1,022.53	11	731.89	11	435.89	11	139.38	11		11	11	11		11	
1/4	1,608.91	1/4	1,312.64	1/4	1,016.36	1/4	725.82	1/4	429.71	1/4	133.21	1/4		1/4	1/4	1/4		1/4	
1/2	1,602.74	1/2	1,306.47	1/2	1,010.19	1/2	719.74	1/2	423.53	1/2	127.04	1/2		1/2	1/2	1/2		1/2	
3/4	1,596.57	3/4	1,300.30	3/4	1,004.02	3/4	713.66	3/4	417.36	3/4	120.87	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 SW
CALCULATED: 01/18/2014 CL
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 10095"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	3,261.74	0	2,999.28	0	2,736.81	0	2,473.91	0	2,210.03	0	1,946.16
1/4		1/4		1/4		1/4	3,483.44	1/4	3,256.27	1/4	2,993.81	1/4	2,731.35	1/4	2,468.41	1/4	2,204.54	1/4	1,940.66
1/2		1/2		1/2		1/2	3,482.52	1/2	3,250.81	1/2	2,988.34	1/2	2,725.88	1/2	2,462.91	1/2	2,199.04	1/2	1,935.16
3/4		3/4		3/4		3/4	3,481.60	3/4	3,245.34	3/4	2,982.87	3/4	2,720.41	3/4	2,457.42	3/4	2,193.54	3/4	1,929.67
1		1		1		1	3,480.69	1	3,239.87	1	2,977.41	1	2,714.94	1	2,451.92	1	2,188.04	1	1,924.17
1/4		1/4		1/4		1/4	3,479.77	1/4	3,234.40	1/4	2,971.94	1/4	2,709.47	1/4	2,446.42	1/4	2,182.55	1/4	1,918.67
1/2		1/2		1/2		1/2	3,477.02	1/2	3,228.93	1/2	2,966.47	1/2	2,704.01	1/2	2,440.92	1/2	2,177.05	1/2	1,913.17
3/4		3/4		3/4		3/4	3,474.27	3/4	3,223.47	3/4	2,961.00	3/4	2,698.54	3/4	2,435.43	3/4	2,171.55	3/4	1,907.68
2		2		2		2	3,471.52	2	3,218.00	2	2,955.53	2	2,693.07	2	2,429.93	2	2,166.05	2	1,902.18
1/4		1/4		1/4		1/4	3,468.77	1/4	3,212.53	1/4	2,950.07	1/4	2,687.60	1/4	2,424.43	1/4	2,160.56	1/4	1,896.68
1/2		1/2		1/2		1/2	3,464.32	1/2	3,207.06	1/2	2,944.60	1/2	2,682.13	1/2	2,418.94	1/2	2,155.06	1/2	1,891.18
3/4		3/4		3/4		3/4	3,459.86	3/4	3,201.59	3/4	2,939.13	3/4	2,676.67	3/4	2,413.44	3/4	2,149.56	3/4	1,885.69
3		3		3		3	3,455.41	3	3,196.13	3	2,933.66	3	2,671.20	3	2,407.94	3	2,144.07	3	1,880.19
1/4		1/4		1/4		1/4	3,450.95	1/4	3,190.66	1/4	2,928.19	1/4	2,665.73	1/4	2,402.44	1/4	2,138.57	1/4	1,874.69
1/2		1/2		1/2		1/2	3,445.63	1/2	3,185.19	1/2	2,922.73	1/2	2,660.26	1/2	2,396.95	1/2	2,133.07	1/2	1,869.20
3/4		3/4		3/4		3/4	3,440.30	3/4	3,179.72	3/4	2,917.26	3/4	2,654.79	3/4	2,391.45	3/4	2,127.57	3/4	1,863.70
4		4		4		4	3,434.97	4	3,174.25	4	2,911.79	4	2,649.33	4	2,385.95	4	2,122.08	4	1,858.20
1/4		1/4		1/4		1/4	3,429.64	1/4	3,168.79	1/4	2,906.32	1/4	2,643.86	1/4	2,380.45	1/4	2,116.58	1/4	1,852.70
1/2		1/2		1/2		1/2	3,424.28	1/2	3,163.32	1/2	2,900.85	1/2	2,638.39	1/2	2,374.96	1/2	2,111.08	1/2	1,847.21
3/4		3/4		3/4		3/4	3,418.92	3/4	3,157.85	3/4	2,895.39	3/4	2,632.92	3/4	2,369.46	3/4	2,105.58	3/4	1,841.71
5		5		5		5	3,413.56	5	3,152.38	5	2,889.92	5	2,627.45	5	2,363.96	5	2,100.09	5	1,836.21
1/4		1/4		1/4		1/4	3,408.20	1/4	3,146.91	1/4	2,884.45	1/4	2,621.99	1/4	2,358.46	1/4	2,094.59	1/4	1,830.71
1/2		1/2		1/2		1/2	3,402.83	1/2	3,141.45	1/2	2,878.98	1/2	2,616.52	1/2	2,352.97	1/2	2,089.09	1/2	1,825.22
3/4		3/4		3/4		3/4	3,397.46	3/4	3,135.98	3/4	2,873.51	3/4	2,611.05	3/4	2,347.47	3/4	2,083.59	3/4	1,819.72
6		6		6		6	3,392.09	6	3,130.51	6	2,868.05	6	2,605.58	6	2,341.97	6	2,078.10	6	1,814.22
1/4		1/4		1/4		1/4	3,386.71	1/4	3,125.04	1/4	2,862.58	1/4	2,600.11	1/4	2,336.47	1/4	2,072.60	1/4	1,808.72
1/2		1/2		1/2		1/2	3,381.35	1/2	3,119.57	1/2	2,857.11	1/2	2,594.65	1/2	2,330.98	1/2	2,067.10	1/2	1,803.23
3/4		3/4		3/4		3/4	3,375.98	3/4	3,114.11	3/4	2,851.64	3/4	2,589.18	3/4	2,325.48	3/4	2,061.60	3/4	1,797.73
7		7		7		7	3,370.61	7	3,108.64	7	2,846.17	7	2,583.71	7	2,319.98	7	2,056.11	7	1,792.23
1/4		1/4		1/4		1/4	3,365.24	1/4	3,103.17	1/4	2,840.71	1/4	2,578.24	1/4	2,314.48	1/4	2,050.61	1/4	1,786.73
1/2		1/2		1/2		1/2	3,359.87	1/2	3,097.70	1/2	2,835.24	1/2	2,572.77	1/2	2,308.99	1/2	2,045.11	1/2	1,781.24
3/4		3/4		3/4		3/4	3,354.50	3/4	3,092.23	3/4	2,829.77	3/4	2,567.31	3/4	2,303.49	3/4	2,039.61	3/4	1,775.74
8		8		8		8	3,349.13	8	3,086.77	8	2,824.30	8	2,561.84	8	2,297.99	8	2,034.12	8	1,770.24
1/4		1/4		1/4		1/4	3,343.76	1/4	3,081.30	1/4	2,818.83	1/4	2,556.37	1/4	2,292.50	1/4	2,028.62	1/4	1,764.74
1/2		1/2		1/2		1/2	3,338.29	1/2	3,075.83	1/2	2,813.37	1/2	2,550.87	1/2	2,287.00	1/2	2,023.12	1/2	1,759.25
3/4		3/4		3/4		3/4	3,332.83	3/4	3,070.36	3/4	2,807.90	3/4	2,545.38	3/4	2,281.50	3/4	2,017.63	3/4	1,753.75
9		9		9		9	3,327.36	9	3,064.89	9	2,802.43	9	2,539.88	9	2,276.00	9	2,012.13	9	1,748.25
1/4		1/4		1/4		1/4	3,321.89	1/4	3,059.43	1/4	2,796.96	1/4	2,534.38	1/4	2,270.51	1/4	2,006.63	1/4	1,742.76
1/2		1/2		1/2		1/2	3,316.42	1/2	3,053.96	1/2	2,791.49	1/2	2,528.88	1/2	2,265.01	1/2	2,001.13	1/2	1,737.26
3/4		3/4		3/4		3/4	3,310.95	3/4	3,048.49	3/4	2,786.03	3/4	2,523.39	3/4	2,259.51	3/4	1,995.64	3/4	1,731.76
10		10		10		10	3,305.49	10	3,043.02	10	2,780.56	10	2,517.89	10	2,254.01	10	1,990.14	10	1,726.26
1/4		1/4		1/4		1/4	3,300.02	1/4	3,037.55	1/4	2,775.09	1/4	2,512.39	1/4	2,248.52	1/4	1,984.64	1/4	1,720.77
1/2		1/2		1/2		1/2	3,294.55	1/2	3,032.09	1/2	2,769.62	1/2	2,506.89	1/2	2,243.02	1/2	1,979.14	1/2	1,715.27
3/4		3/4		3/4		3/4	3,289.08	3/4	3,026.62	3/4	2,764.15	3/4	2,501.40	3/4	2,237.52	3/4	1,973.65	3/4	1,709.77
11		11		11		11	3,283.61	11	3,021.15	11	2,758.69	11	2,495.90	11	2,232.02	11	1,968.15	11	1,704.27
1/4		1/4		1/4		1/4	3,278.15	1/4	3,015.68	1/4	2,753.22	1/4	2,490.40	1/4	2,226.53	1/4	1,962.65	1/4	1,698.78
1/2		1/2		1/2		1/2	3,272.68	1/2	3,010.21	1/2	2,747.75	1/2	2,484.90	1/2	2,221.03	1/2	1,957.15	1/2	1,693.28
3/4		3/4		3/4		3/4	3,267.21	3/4	3,004.75	3/4	2,742.28	3/4	2,479.41	3/4	2,215.53	3/4	1,951.66	3/4	1,687.78

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 10095"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,682.28	0	1,418.41	0	1,154.37	0	892.12	0	632.21	0	368.23	0	104.29	0		0		0	
1/4	1,676.79	1/4	1,412.91	1/4	1,148.87	1/4	886.70	1/4	626.75	1/4	362.73	1/4	98.81	1/4		1/4		1/4	
1/2	1,671.29	1/2	1,407.41	1/2	1,143.37	1/2	881.29	1/2	621.25	1/2	357.23	1/2	93.34	1/2		1/2		1/2	
3/4	1,665.79	3/4	1,401.91	3/4	1,137.87	3/4	875.87	3/4	615.75	3/4	351.73	3/4	87.88	3/4		3/4		3/4	
1	1,660.29	1	1,396.41	1	1,132.37	1	870.46	1	610.25	1	346.23	1	82.41	1		1		1	
1/4	1,654.80	1/4	1,390.91	1/4	1,126.87	1/4	865.04	1/4	604.75	1/4	340.73	1/4	76.94	1/4		1/4		1/4	
1/2	1,649.30	1/2	1,385.41	1/2	1,121.37	1/2	859.62	1/2	599.25	1/2	335.23	1/2	71.51	1/2		1/2		1/2	
3/4	1,643.80	3/4	1,379.91	3/4	1,115.87	3/4	854.21	3/4	593.75	3/4	329.73	3/4	66.07	3/4		3/4		3/4	
2	1,638.30	2	1,374.41	2	1,110.37	2	848.79	2	588.25	2	324.23	2	60.63	2		2		2	
1/4	1,632.81	1/4	1,368.90	1/4	1,104.87	1/4	843.38	1/4	582.75	1/4	318.73	1/4	55.20	1/4		1/4		1/4	
1/2	1,627.31	1/2	1,363.40	1/2	1,099.37	1/2	837.96	1/2	577.25	1/2	313.23	1/2	49.81	1/2		1/2		1/2	
3/4	1,621.81	3/4	1,357.90	3/4	1,093.86	3/4	832.55	3/4	571.75	3/4	307.73	3/4	44.42	3/4		3/4		3/4	
3	1,616.31	3	1,352.40	3	1,088.36	3	827.13	3	566.25	3	302.23	3	39.04	3		3		3	
1/4	1,610.82	1/4	1,346.90	1/4	1,082.86	1/4	821.71	1/4	560.75	1/4	296.73	1/4	33.65	1/4		1/4		1/4	
1/2	1,605.32	1/2	1,341.40	1/2	1,077.36	1/2	816.30	1/2	555.25	1/2	291.23	1/2	29.07	1/2		1/2		1/2	
3/4	1,599.82	3/4	1,335.90	3/4	1,071.86	3/4	810.89	3/4	549.75	3/4	285.73	3/4	24.50	3/4		3/4		3/4	
4	1,594.33	4	1,330.40	4	1,066.36	4	805.48	4	544.25	4	280.23	4	19.92	4		4		4	
1/4	1,588.83	1/4	1,324.90	1/4	1,060.86	1/4	800.07	1/4	538.75	1/4	274.73	1/4	15.35	1/4		1/4		1/4	
1/2	1,583.33	1/2	1,319.40	1/2	1,055.36	1/2	794.66	1/2	533.25	1/2	269.23	1/2	12.60	1/2		1/2		1/2	
3/4	1,577.83	3/4	1,313.90	3/4	1,049.86	3/4	789.25	3/4	527.75	3/4	263.73	3/4	9.85	3/4		3/4		3/4	
5	1,572.34	5	1,308.40	5	1,044.36	5	783.84	5	522.25	5	258.23	5	7.10	5		5		5	
1/4	1,566.84	1/4	1,302.90	1/4	1,038.86	1/4	778.43	1/4	516.75	1/4	252.73	1/4	4.35	1/4		1/4		1/4	
1/2	1,561.34	1/2	1,297.39	1/2	1,033.36	1/2	773.02	1/2	511.25	1/2	247.23	1/2	3.43	1/2		1/2		1/2	
3/4	1,555.84	3/4	1,291.89	3/4	1,027.86	3/4	767.61	3/4	505.74	3/4	241.73	3/4	2.51	3/4		3/4		3/4	
6	1,550.35	6	1,286.39	6	1,022.35	6	762.20	6	500.24	6	236.23	6	1.60	6		6		6	
1/4	1,544.85	1/4	1,280.89	1/4	1,016.85	1/4	756.79	1/4	494.74	1/4	230.72	1/4	0.68	1/4		1/4		1/4	
1/2	1,539.35	1/2	1,275.39	1/2	1,011.39	1/2	751.38	1/2	489.24	1/2	225.22	1/2		1/2		1/2		1/2	
3/4	1,533.85	3/4	1,269.89	3/4	1,005.94	3/4	745.97	3/4	483.74	3/4	219.72	3/4		3/4		3/4		3/4	
7	1,528.36	7	1,264.39	7	1,000.48	7	740.56	7	478.24	7	214.22	7		7		7		7	
1/4	1,522.86	1/4	1,258.89	1/4	995.02	1/4	735.15	1/4	472.74	1/4	208.72	1/4		1/4		1/4		1/4	
1/2	1,517.36	1/2	1,253.39	1/2	989.60	1/2	729.74	1/2	467.24	1/2	203.22	1/2		1/2		1/2		1/2	
3/4	1,511.86	3/4	1,247.89	3/4	984.19	3/4	724.33	3/4	461.74	3/4	197.72	3/4		3/4		3/4		3/4	
8	1,506.37	8	1,242.39	8	978.77	8	718.92	8	456.24	8	192.22	8		8		8		8	
1/4	1,500.87	1/4	1,236.89	1/4	973.35	1/4	713.50	1/4	450.74	1/4	186.72	1/4		1/4		1/4		1/4	
1/2	1,495.37	1/2	1,231.38	1/2	967.94	1/2	708.09	1/2	445.24	1/2	181.22	1/2		1/2		1/2		1/2	
3/4	1,489.87	3/4	1,225.88	3/4	962.52	3/4	702.68	3/4	439.74	3/4	175.72	3/4		3/4		3/4		3/4	
9	1,484.38	9	1,220.38	9	957.11	9	697.27	9	434.24	9	170.22	9		9		9		9	
1/4	1,478.88	1/4	1,214.88	1/4	951.69	1/4	691.86	1/4	428.74	1/4	164.72	1/4		1/4		1/4		1/4	
1/2	1,473.38	1/2	1,209.38	1/2	946.28	1/2	686.45	1/2	423.24	1/2	159.22	1/2		1/2		1/2		1/2	
3/4	1,467.89	3/4	1,203.88	3/4	940.86	3/4	681.04	3/4	417.74	3/4	153.72	3/4		3/4		3/4		3/4	
10	1,462.39	10	1,198.38	10	935.44	10	675.63	10	412.24	10	148.22	10		10		10		10	
1/4	1,456.89	1/4	1,192.88	1/4	930.03	1/4	670.22	1/4	406.74	1/4	142.72	1/4		1/4		1/4		1/4	
1/2	1,451.39	1/2	1,187.38	1/2	924.61	1/2	664.81	1/2	401.24	1/2	137.23	1/2		1/2		1/2		1/2	
3/4	1,445.90	3/4	1,181.88	3/4	919.20	3/4	659.40	3/4	395.74	3/4	131.73	3/4		3/4		3/4		3/4	
11	1,440.40	11	1,176.38	11	913.78	11	653.99	11	390.24	11	126.24	11		11		11		11	
1/4	1,434.90	1/4	1,170.88	1/4	908.37	1/4	648.58	1/4	384.74	1/4	120.74	1/4		1/4		1/4		1/4	
1/2	1,429.40	1/2	1,165.38	1/2	902.95	1/2	643.13	1/2	379.24	1/2	115.26	1/2		1/2		1/2		1/2	
3/4	1,423.91	3/4	1,159.87	3/4	897.53	3/4	637.67	3/4	373.74	3/4	109.77	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 SW
CALCULATED: 01/18/2014 CL
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 10095"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	3,448.02	0	3,223.46	0	2,963.99	0	2,704.52	0	2,444.58	0	2,183.71	0	1,922.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,447.11	1/4	3,218.05	1/4	2,958.58	1/4	2,699.11	1/4	2,439.15	1/4	2,178.28	1/4	1,917.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,446.21	1/2	3,212.64	1/2	2,953.18	1/2	2,693.71	1/2	2,433.71	1/2	2,172.84	1/2	1,911.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,445.30	3/4	3,207.24	3/4	2,947.77	3/4	2,688.30	3/4	2,428.28	3/4	2,167.41	3/4	1,906.54
1		1		1		1	3,444.40	1	3,201.83	1	2,942.36	1	2,682.90	1	2,422.84	1	2,161.97	1	1,901.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,441.68	1/4	3,196.43	1/4	2,936.96	1/4	2,677.49	1/4	2,417.41	1/4	2,156.54	1/4	1,895.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,438.96	1/2	3,191.02	1/2	2,931.55	1/2	2,672.08	1/2	2,411.97	1/2	2,151.10	1/2	1,890.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,436.24	3/4	3,185.62	3/4	2,926.15	3/4	2,666.68	3/4	2,406.54	3/4	2,145.67	3/4	1,884.80
2		2		2		2	3,433.52	2	3,180.21	2	2,920.74	2	2,661.27	2	2,401.10	2	2,140.23	2	1,879.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,429.12	1/4	3,174.81	1/4	2,915.34	1/4	2,655.87	1/4	2,395.67	1/4	2,134.80	1/4	1,873.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,424.71	1/2	3,169.40	1/2	2,909.93	1/2	2,650.46	1/2	2,390.23	1/2	2,129.36	1/2	1,868.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,420.31	3/4	3,163.99	3/4	2,904.53	3/4	2,645.06	3/4	2,384.80	3/4	2,123.93	3/4	1,863.06
3		3		3		3	3,415.91	3	3,158.59	3	2,899.12	3	2,639.65	3	2,379.36	3	2,118.49	3	1,857.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,410.64	1/4	3,153.18	1/4	2,893.71	1/4	2,634.25	1/4	2,373.93	1/4	2,113.06	1/4	1,852.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,405.38	1/2	3,147.78	1/2	2,888.31	1/2	2,628.84	1/2	2,368.50	1/2	2,107.62	1/2	1,846.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,400.11	3/4	3,142.37	3/4	2,882.90	3/4	2,623.43	3/4	2,363.06	3/4	2,102.19	3/4	1,841.32
4		4		4		4	3,394.84	4	3,136.97	4	2,877.50	4	2,618.03	4	2,357.63	4	2,096.76	4	1,835.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,389.54	1/4	3,131.56	1/4	2,872.09	1/4	2,612.62	1/4	2,352.19	1/4	2,091.32	1/4	1,830.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,384.25	1/2	3,126.16	1/2	2,866.69	1/2	2,607.22	1/2	2,346.76	1/2	2,085.89	1/2	1,825.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,378.95	3/4	3,120.75	3/4	2,861.28	3/4	2,601.81	3/4	2,341.32	3/4	2,080.45	3/4	1,819.58
5		5		5		5	3,373.65	5	3,115.34	5	2,855.88	5	2,596.41	5	2,335.89	5	2,075.02	5	1,814.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,368.34	1/4	3,109.94	1/4	2,850.47	1/4	2,591.00	1/4	2,330.45	1/4	2,069.58	1/4	1,808.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,363.02	1/2	3,104.53	1/2	2,845.06	1/2	2,585.60	1/2	2,325.02	1/2	2,064.15	1/2	1,803.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,357.71	3/4	3,099.13	3/4	2,839.66	3/4	2,580.19	3/4	2,319.58	3/4	2,058.71	3/4	1,797.84
6		6		6		6	3,352.40	6	3,093.72	6	2,834.25	6	2,574.78	6	2,314.15	6	2,053.28	6	1,792.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,347.09	1/4	3,088.32	1/4	2,828.85	1/4	2,569.38	1/4	2,308.71	1/4	2,047.84	1/4	1,786.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,341.79	1/2	3,082.91	1/2	2,823.44	1/2	2,563.97	1/2	2,303.28	1/2	2,042.41	1/2	1,781.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,336.48	3/4	3,077.50	3/4	2,818.04	3/4	2,558.57	3/4	2,297.84	3/4	2,036.97	3/4	1,776.10
7		7		7		7	3,331.17	7	3,072.10	7	2,812.63	7	2,553.16	7	2,292.41	7	2,031.54	7	1,770.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,325.87	1/4	3,066.69	1/4	2,807.22	1/4	2,547.76	1/4	2,286.97	1/4	2,026.10	1/4	1,765.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,320.56	1/2	3,061.29	1/2	2,801.82	1/2	2,542.35	1/2	2,281.54	1/2	2,020.67	1/2	1,759.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,315.25	3/4	3,055.88	3/4	2,796.41	3/4	2,536.94	3/4	2,276.10	3/4	2,015.23	3/4	1,754.36
8		8		8		8	3,309.95	8	3,050.48	8	2,791.01	8	2,531.54	8	2,270.67	8	2,009.80	8	1,748.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,304.54	1/4	3,045.07	1/4	2,785.60	1/4	2,526.10	1/4	2,265.23	1/4	2,004.36	1/4	1,743.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,299.13	1/2	3,039.67	1/2	2,780.20	1/2	2,520.67	1/2	2,259.80	1/2	1,998.93	1/2	1,738.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,293.73	3/4	3,034.26	3/4	2,774.79	3/4	2,515.23	3/4	2,254.36	3/4	1,993.49	3/4	1,732.62
9		9		9		9	3,288.32	9	3,028.85	9	2,769.39	9	2,509.80	9	2,248.93	9	1,988.06	9	1,727.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,282.92	1/4	3,023.45	1/4	2,763.98	1/4	2,504.37	1/4	2,243.49	1/4	1,982.62	1/4	1,721.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,277.51	1/2	3,018.04	1/2	2,758.57	1/2	2,498.93	1/2	2,238.06	1/2	1,977.19	1/2	1,716.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,272.11	3/4	3,012.64	3/4	2,753.17	3/4	2,493.50	3/4	2,232.63	3/4	1,971.75	3/4	1,710.88
10		10		10		10	3,266.70	10	3,007.23	10	2,747.76	10	2,488.06	10	2,227.19	10	1,966.32	10	1,705.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,261.30	1/4	3,001.83	1/4	2,742.36	1/4	2,482.63	1/4	2,221.76	1/4	1,960.89	1/4	1,700.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,255.89	1/2	2,996.42	1/2	2,736.95	1/2	2,477.19	1/2	2,216.32	1/2	1,955.45	1/2	1,694.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,250.48	3/4	2,991.02	3/4	2,731.55	3/4	2,471.76	3/4	2,210.89	3/4	1,950.02	3/4	1,689.15
11		11		11		11	3,245.08	11	2,985.61	11	2,726.14	11	2,466.32	11	2,205.45	11	1,944.58	11	1,683.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,239.67	1/4	2,980.20	1/4	2,720.74	1/4	2,460.89	1/4	2,200.02	1/4	1,939.15	1/4	1,678.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,234.27	1/2	2,974.80	1/2	2,715.33	1/2	2,455.45	1/2	2,194.58	1/2	1,933.71	1/2	1,672.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,228.86	3/4	2,969.39	3/4	2,709.92	3/4	2,450.02	3/4	2,189.15	3/4	1,928.28	3/4	1,667.41

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 10095"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	1,661.97	0	1,401.10	0	1,140.07	0	879.90	0	619.62	0	358.61	0	97.69	0		0		0	
1/4	1,656.54	1/4	1,395.66	1/4	1,134.63	1/4	874.50	1/4	614.19	1/4	353.17	1/4	92.28	1/4		1/4		1/4	
1/2	1,651.10	1/2	1,390.22	1/2	1,129.19	1/2	869.10	1/2	608.75	1/2	347.74	1/2	86.88	1/2		1/2		1/2	
3/4	1,645.67	3/4	1,384.79	3/4	1,123.75	3/4	863.70	3/4	603.31	3/4	342.30	3/4	81.48	3/4		3/4		3/4	
1	1,640.23	1	1,379.35	1	1,118.31	1	858.29	1	597.87	1	336.86	1	76.07	1		1		1	
1/4	1,634.80	1/4	1,373.91	1/4	1,112.88	1/4	852.89	1/4	592.44	1/4	331.42	1/4	70.70	1/4		1/4		1/4	
1/2	1,629.36	1/2	1,368.47	1/2	1,107.44	1/2	847.49	1/2	587.00	1/2	325.98	1/2	65.32	1/2		1/2		1/2	
3/4	1,623.93	3/4	1,363.03	3/4	1,102.00	3/4	842.09	3/4	581.56	3/4	320.55	3/4	59.95	3/4		3/4		3/4	
2	1,618.49	2	1,357.60	2	1,096.56	2	836.69	2	576.12	2	315.11	2	54.57	2		2		2	
1/4	1,613.06	1/4	1,352.16	1/4	1,091.12	1/4	831.28	1/4	570.69	1/4	309.67	1/4	49.25	1/4		1/4		1/4	
1/2	1,607.62	1/2	1,346.72	1/2	1,085.69	1/2	825.88	1/2	565.25	1/2	304.23	1/2	43.92	1/2		1/2		1/2	
3/4	1,602.19	3/4	1,341.28	3/4	1,080.25	3/4	820.48	3/4	559.81	3/4	298.80	3/4	38.60	3/4		3/4		3/4	
3	1,596.75	3	1,335.84	3	1,074.81	3	815.08	3	554.37	3	293.36	3	33.27	3		3		3	
1/4	1,591.32	1/4	1,330.40	1/4	1,069.37	1/4	809.68	1/4	548.93	1/4	287.92	1/4	28.75	1/4		1/4		1/4	
1/2	1,585.88	1/2	1,324.97	1/2	1,063.93	1/2	804.29	1/2	543.50	1/2	282.48	1/2	24.22	1/2		1/2		1/2	
3/4	1,580.45	3/4	1,319.53	3/4	1,058.49	3/4	798.89	3/4	538.06	3/4	277.04	3/4	19.70	3/4		3/4		3/4	
4	1,575.01	4	1,314.09	4	1,053.06	4	793.49	4	532.62	4	271.61	4	15.18	4		4		4	
1/4	1,569.58	1/4	1,308.65	1/4	1,047.62	1/4	788.06	1/4	527.18	1/4	266.17	1/4	12.46	1/4		1/4		1/4	
1/2	1,564.14	1/2	1,303.21	1/2	1,042.18	1/2	782.63	1/2	521.75	1/2	260.73	1/2	9.74	1/2		1/2		1/2	
3/4	1,558.71	3/4	1,297.77	3/4	1,036.74	3/4	777.19	3/4	516.31	3/4	255.29	3/4	7.02	3/4		3/4		3/4	
5	1,553.28	5	1,292.34	5	1,031.30	5	771.76	5	510.87	5	249.86	5	4.30	5		5		5	
1/4	1,547.84	1/4	1,286.90	1/4	1,025.86	1/4	766.33	1/4	505.43	1/4	244.42	1/4	3.39	1/4		1/4		1/4	
1/2	1,542.41	1/2	1,281.46	1/2	1,020.43	1/2	760.89	1/2	499.99	1/2	238.98	1/2	2.49	1/2		1/2		1/2	
3/4	1,536.97	3/4	1,276.02	3/4	1,014.99	3/4	755.46	3/4	494.56	3/4	233.54	3/4	1.58	3/4		3/4		3/4	
6	1,531.54	6	1,270.58	6	1,009.55	6	750.03	6	489.12	6	228.10	6	0.68	6		6		6	
1/4	1,526.10	1/4	1,265.15	1/4	1,004.15	1/4	744.60	1/4	483.68	1/4	222.67	1/4		1/4		1/4		1/4	
1/2	1,520.67	1/2	1,259.71	1/2	998.75	1/2	739.16	1/2	478.24	1/2	217.23	1/2		1/2		1/2		1/2	
3/4	1,515.23	3/4	1,254.27	3/4	993.34	3/4	733.73	3/4	472.81	3/4	211.79	3/4		3/4		3/4		3/4	
7	1,509.80	7	1,248.83	7	987.94	7	728.30	7	467.37	7	206.35	7		7		7		7	
1/4	1,504.36	1/4	1,243.39	1/4	982.54	1/4	722.86	1/4	461.93	1/4	200.92	1/4		1/4		1/4		1/4	
1/2	1,498.93	1/2	1,237.95	1/2	977.14	1/2	717.43	1/2	456.49	1/2	195.48	1/2		1/2		1/2		1/2	
3/4	1,493.49	3/4	1,232.52	3/4	971.74	3/4	712.00	3/4	451.05	3/4	190.04	3/4		3/4		3/4		3/4	
8	1,488.06	8	1,227.08	8	966.33	8	706.57	8	445.62	8	184.60	8		8		8		8	
1/4	1,482.62	1/4	1,221.64	1/4	960.93	1/4	701.13	1/4	440.18	1/4	179.16	1/4		1/4		1/4		1/4	
1/2	1,477.19	1/2	1,216.20	1/2	955.53	1/2	695.70	1/2	434.74	1/2	173.73	1/2		1/2		1/2		1/2	
3/4	1,471.75	3/4	1,210.76	3/4	950.13	3/4	690.27	3/4	429.30	3/4	168.29	3/4		3/4		3/4		3/4	
9	1,466.32	9	1,205.33	9	944.73	9	684.83	9	423.87	9	162.85	9		9		9		9	
1/4	1,460.88	1/4	1,199.89	1/4	939.32	1/4	679.40	1/4	418.43	1/4	157.41	1/4		1/4		1/4		1/4	
1/2	1,455.45	1/2	1,194.45	1/2	933.92	1/2	673.97	1/2	412.99	1/2	151.98	1/2		1/2		1/2		1/2	
3/4	1,450.01	3/4	1,189.01	3/4	928.52	3/4	668.54	3/4	407.55	3/4	146.54	3/4		3/4		3/4		3/4	
10	1,444.58	10	1,183.57	10	923.12	10	663.10	10	402.11	10	141.10	10		10		10		10	
1/4	1,439.14	1/4	1,178.13	1/4	917.72	1/4	657.67	1/4	396.68	1/4	135.67	1/4		1/4		1/4		1/4	
1/2	1,433.71	1/2	1,172.70	1/2	912.31	1/2	652.24	1/2	391.24	1/2	130.24	1/2		1/2		1/2		1/2	
3/4	1,428.27	3/4	1,167.26	3/4	906.91	3/4	646.81	3/4	385.80	3/4	124.80	3/4		3/4		3/4		3/4	
11	1,422.84	11	1,161.82	11	901.51	11	641.37	11	380.36	11	119.37	11		11		11		11	
1/4	1,417.41	1/4	1,156.38	1/4	896.11	1/4	635.94	1/4	374.92	1/4	113.95	1/4		1/4		1/4		1/4	
1/2	1,411.97	1/2	1,150.94	1/2	890.71	1/2	630.50	1/2	369.49	1/2	108.53	1/2		1/2		1/2		1/2	
3/4	1,406.54	3/4	1,145.51	3/4	885.30	3/4	625.06	3/4	364.05	3/4	103.11	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2014 SW
CALCULATED: 01/18/2014 CL
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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