



BARGE "KIRBY 10133"

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	00-0/8	- 00-0/8	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
3 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

(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"

February 28, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10133"

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.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 10133"

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: 02/27/2015 CL
CALCULATED: 02/28/2015 CL
PRINTED: 02/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

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



BARGE "KIRBY 10133"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

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	0	0	0	0	3,248.94	0	2,987.50	0	2,726.07	0	2,464.19	0	2,201.35	0	1,938.52
1/4		1/4		1/4		1/4	3,469.76	1/4	3,243.49	1/4	2,982.06	1/4	2,720.62	1/4	2,458.72	1/4	2,195.88	1/4	1,933.04
1/2		1/2		1/2		1/2	3,468.85	1/2	3,238.05	1/2	2,976.61	1/2	2,715.17	1/2	2,453.24	1/2	2,190.40	1/2	1,927.56
3/4		3/4		3/4		3/4	3,467.93	3/4	3,232.60	3/4	2,971.16	3/4	2,709.73	3/4	2,447.77	3/4	2,184.93	3/4	1,922.09
1	1	1	1	1	1	1	3,467.02	1	3,227.15	1	2,965.72	1	2,704.28	1	2,442.29	1	2,179.45	1	1,916.61
1/4		1/4		1/4		1/4	3,466.11	1/4	3,221.71	1/4	2,960.27	1/4	2,698.83	1/4	2,436.81	1/4	2,173.98	1/4	1,911.14
1/2		1/2		1/2		1/2	3,463.37	1/2	3,216.26	1/2	2,954.82	1/2	2,693.39	1/2	2,431.34	1/2	2,168.50	1/2	1,905.66
3/4		3/4		3/4		3/4	3,460.63	3/4	3,210.82	3/4	2,949.38	3/4	2,687.94	3/4	2,425.86	3/4	2,163.02	3/4	1,900.19
2	2	2	2	2	2	2	3,457.89	2	3,205.37	2	2,943.93	2	2,682.49	2	2,420.39	2	2,157.55	2	1,894.71
1/4		1/4		1/4		1/4	3,455.15	1/4	3,199.92	1/4	2,938.49	1/4	2,677.05	1/4	2,414.91	1/4	2,152.07	1/4	1,889.23
1/2		1/2		1/2		1/2	3,450.71	1/2	3,194.48	1/2	2,933.04	1/2	2,671.60	1/2	2,409.43	1/2	2,146.60	1/2	1,883.76
3/4		3/4		3/4		3/4	3,446.28	3/4	3,189.03	3/4	2,927.59	3/4	2,666.16	3/4	2,403.96	3/4	2,141.12	3/4	1,878.28
3	3	3	3	3	3	3	3,441.84	3	3,183.58	3	2,922.15	3	2,660.71	3	2,398.48	3	2,135.64	3	1,872.81
1/4		1/4		1/4		1/4	3,437.40	1/4	3,178.14	1/4	2,916.70	1/4	2,655.26	1/4	2,393.01	1/4	2,130.17	1/4	1,867.33
1/2		1/2		1/2		1/2	3,432.10	1/2	3,172.69	1/2	2,911.25	1/2	2,649.82	1/2	2,387.53	1/2	2,124.69	1/2	1,861.85
3/4		3/4		3/4		3/4	3,426.79	3/4	3,167.24	3/4	2,905.81	3/4	2,644.37	3/4	2,382.06	3/4	2,119.22	3/4	1,856.38
4	4	4	4	4	4	4	3,421.48	4	3,161.80	4	2,900.36	4	2,638.92	4	2,376.58	4	2,113.74	4	1,850.90
1/4		1/4		1/4		1/4	3,416.17	1/4	3,156.35	1/4	2,894.91	1/4	2,633.48	1/4	2,371.10	1/4	2,108.27	1/4	1,845.43
1/2		1/2		1/2		1/2	3,410.84	1/2	3,150.90	1/2	2,889.47	1/2	2,628.03	1/2	2,365.63	1/2	2,102.79	1/2	1,839.95
3/4		3/4		3/4		3/4	3,405.50	3/4	3,145.46	3/4	2,884.02	3/4	2,622.58	3/4	2,360.15	3/4	2,097.31	3/4	1,834.48
5	5	5	5	5	5	5	3,400.16	5	3,140.01	5	2,878.57	5	2,617.14	5	2,354.68	5	2,091.84	5	1,829.00
1/4		1/4		1/4		1/4	3,394.82	1/4	3,134.56	1/4	2,873.13	1/4	2,611.69	1/4	2,349.20	1/4	2,086.36	1/4	1,823.52
1/2		1/2		1/2		1/2	3,389.47	1/2	3,129.12	1/2	2,867.68	1/2	2,606.24	1/2	2,343.73	1/2	2,080.89	1/2	1,818.05
3/4		3/4		3/4		3/4	3,384.12	3/4	3,123.67	3/4	2,862.23	3/4	2,600.80	3/4	2,338.25	3/4	2,075.41	3/4	1,812.57
6	6	6	6	6	6	6	3,378.77	6	3,118.22	6	2,856.79	6	2,595.35	6	2,332.77	6	2,069.94	6	1,807.10
1/4		1/4		1/4		1/4	3,373.42	1/4	3,112.78	1/4	2,851.34	1/4	2,589.90	1/4	2,327.30	1/4	2,064.46	1/4	1,801.62
1/2		1/2		1/2		1/2	3,368.07	1/2	3,107.33	1/2	2,845.89	1/2	2,584.46	1/2	2,321.82	1/2	2,058.98	1/2	1,796.15
3/4		3/4		3/4		3/4	3,362.72	3/4	3,101.88	3/4	2,840.45	3/4	2,579.01	3/4	2,316.35	3/4	2,053.51	3/4	1,790.67
7	7	7	7	7	7	7	3,357.38	7	3,096.44	7	2,835.00	7	2,573.56	7	2,310.87	7	2,048.03	7	1,785.19
1/4		1/4		1/4		1/4	3,352.03	1/4	3,090.99	1/4	2,829.55	1/4	2,568.12	1/4	2,305.39	1/4	2,042.56	1/4	1,779.72
1/2		1/2		1/2		1/2	3,346.68	1/2	3,085.54	1/2	2,824.11	1/2	2,562.67	1/2	2,299.92	1/2	2,037.08	1/2	1,774.24
3/4		3/4		3/4		3/4	3,341.33	3/4	3,080.10	3/4	2,818.66	3/4	2,557.22	3/4	2,294.44	3/4	2,031.60	3/4	1,768.77
8	8	8	8	8	8	8	3,335.99	8	3,074.65	8	2,813.21	8	2,551.78	8	2,288.97	8	2,026.13	8	1,763.29
1/4		1/4		1/4		1/4	3,330.64	1/4	3,069.20	1/4	2,807.77	1/4	2,546.33	1/4	2,283.49	1/4	2,020.65	1/4	1,757.81
1/2		1/2		1/2		1/2	3,325.19	1/2	3,063.76	1/2	2,802.32	1/2	2,540.85	1/2	2,278.02	1/2	2,015.18	1/2	1,752.34
3/4		3/4		3/4		3/4	3,319.75	3/4	3,058.31	3/4	2,796.87	3/4	2,535.38	3/4	2,272.54	3/4	2,009.70	3/4	1,746.86
9	9	9	9	9	9	9	3,314.30	9	3,052.86	9	2,791.43	9	2,529.90	9	2,267.06	9	2,004.23	9	1,741.39
1/4		1/4		1/4		1/4	3,308.85	1/4	3,047.42	1/4	2,785.98	1/4	2,524.43	1/4	2,261.59	1/4	1,998.75	1/4	1,735.91
1/2		1/2		1/2		1/2	3,303.41	1/2	3,041.97	1/2	2,780.53	1/2	2,518.95	1/2	2,256.11	1/2	1,993.27	1/2	1,730.44
3/4		3/4		3/4		3/4	3,297.96	3/4	3,036.52	3/4	2,775.09	3/4	2,513.48	3/4	2,250.64	3/4	1,987.80	3/4	1,724.96
10	10	10	10	10	10	10	3,292.51	10	3,031.08	10	2,769.64	10	2,508.00	10	2,245.16	10	1,982.32	10	1,719.48
1/4		1/4		1/4		1/4	3,287.07	1/4	3,025.63	1/4	2,764.19	1/4	2,502.52	1/4	2,239.69	1/4	1,976.85	1/4	1,714.01
1/2		1/2		1/2		1/2	3,281.62	1/2	3,020.18	1/2	2,758.75	1/2	2,497.05	1/2	2,234.21	1/2	1,971.37	1/2	1,708.53
3/4		3/4		3/4		3/4	3,276.17	3/4	3,014.74	3/4	2,753.30	3/4	2,491.57	3/4	2,228.73	3/4	1,965.90	3/4	1,703.06
11	11	11	11	11	11	11	3,270.73	11	3,009.29	11	2,747.85	11	2,486.10	11	2,223.26	11	1,960.42	11	1,697.58
1/4		1/4		1/4		1/4	3,265.28	1/4	3,003.84	1/4	2,742.41	1/4	2,480.62	1/4	2,217.78	1/4	1,954.94	1/4	1,692.11
1/2		1/2		1/2		1/2	3,259.83	1/2	2,998.40	1/2	2,736.96	1/2	2,475.14	1/2	2,212.31	1/2	1,949.47	1/2	1,686.63
3/4		3/4		3/4		3/4	3,254.39	3/4	2,992.95	3/4	2,731.51	3/4	2,469.67	3/4	2,206.83	3/4	1,943.99	3/4	1,681.15

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'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 10133"

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	1,675.68	0	1,412.84	0	1,149.84	0	888.62	0	629.73	0	366.79	0	103.88	0		0		0	
1/4	1,670.20	1/4	1,407.36	1/4	1,144.36	1/4	883.22	1/4	624.29	1/4	361.31	1/4	98.42	1/4		1/4		1/4	
1/2	1,664.73	1/2	1,401.88	1/2	1,138.88	1/2	877.83	1/2	618.82	1/2	355.83	1/2	92.97	1/2		1/2		1/2	
3/4	1,659.25	3/4	1,396.41	3/4	1,133.40	3/4	872.43	3/4	613.34	3/4	350.36	3/4	87.53	3/4		3/4		3/4	
1	1,653.77	1	1,390.93	1	1,127.92	1	867.04	1	607.86	1	344.88	1	82.09	1		1		1	
1/4	1,648.30	1/4	1,385.45	1/4	1,122.45	1/4	861.64	1/4	602.39	1/4	339.40	1/4	76.64	1/4		1/4		1/4	
1/2	1,642.82	1/2	1,379.97	1/2	1,116.97	1/2	856.25	1/2	596.91	1/2	333.92	1/2	71.23	1/2		1/2		1/2	
3/4	1,637.35	3/4	1,374.49	3/4	1,111.49	3/4	850.85	3/4	591.43	3/4	328.44	3/4	65.81	3/4		3/4		3/4	
2	1,631.87	2	1,369.01	2	1,106.01	2	845.46	2	585.95	2	322.96	2	60.40	2		2		2	
1/4	1,626.40	1/4	1,363.53	1/4	1,100.53	1/4	840.06	1/4	580.47	1/4	317.48	1/4	54.98	1/4		1/4		1/4	
1/2	1,620.92	1/2	1,358.05	1/2	1,095.05	1/2	834.67	1/2	574.99	1/2	312.00	1/2	49.61	1/2		1/2		1/2	
3/4	1,615.44	3/4	1,352.57	3/4	1,089.57	3/4	829.28	3/4	569.51	3/4	306.52	3/4	44.25	3/4		3/4		3/4	
3	1,609.97	3	1,347.09	3	1,084.09	3	823.88	3	564.03	3	301.05	3	38.88	3		3		3	
1/4	1,604.49	1/4	1,341.61	1/4	1,078.61	1/4	818.49	1/4	558.55	1/4	295.57	1/4	33.52	1/4		1/4		1/4	
1/2	1,599.02	1/2	1,336.13	1/2	1,073.13	1/2	813.10	1/2	553.07	1/2	290.09	1/2	28.96	1/2		1/2		1/2	
3/4	1,593.54	3/4	1,330.65	3/4	1,067.65	3/4	807.71	3/4	547.60	3/4	284.61	3/4	24.40	3/4		3/4		3/4	
4	1,588.06	4	1,325.18	4	1,062.17	4	802.32	4	542.12	4	279.13	4	19.84	4		4		4	
1/4	1,582.59	1/4	1,319.70	1/4	1,056.69	1/4	796.93	1/4	536.64	1/4	273.65	1/4	15.29	1/4		1/4		1/4	
1/2	1,577.11	1/2	1,314.22	1/2	1,051.22	1/2	791.54	1/2	531.16	1/2	268.17	1/2	12.55	1/2		1/2		1/2	
3/4	1,571.64	3/4	1,308.74	3/4	1,045.74	3/4	786.15	3/4	525.68	3/4	262.69	3/4	9.81	3/4		3/4		3/4	
5	1,566.16	5	1,303.26	5	1,040.26	5	780.76	5	520.20	5	257.21	5	7.07	5		5		5	
1/4	1,560.69	1/4	1,297.78	1/4	1,034.78	1/4	775.37	1/4	514.72	1/4	251.74	1/4	4.33	1/4		1/4		1/4	
1/2	1,555.21	1/2	1,292.30	1/2	1,029.30	1/2	769.98	1/2	509.24	1/2	246.26	1/2	3.42	1/2		1/2		1/2	
3/4	1,549.73	3/4	1,286.82	3/4	1,023.82	3/4	764.59	3/4	503.76	3/4	240.78	3/4	2.50	3/4		3/4		3/4	
6	1,544.26	6	1,281.34	6	1,018.34	6	759.21	6	498.29	6	235.30	6	1.59	6		6		6	
1/4	1,538.78	1/4	1,275.86	1/4	1,012.86	1/4	753.82	1/4	492.81	1/4	229.82	1/4	0.68	1/4		1/4		1/4	
1/2	1,533.31	1/2	1,270.38	1/2	1,007.42	1/2	748.43	1/2	487.33	1/2	224.34	1/2		1/2		1/2		1/2	
3/4	1,527.83	3/4	1,264.90	3/4	1,001.99	3/4	743.04	3/4	481.85	3/4	218.86	3/4		3/4		3/4		3/4	
7	1,522.36	7	1,259.43	7	996.55	7	737.65	7	476.37	7	213.38	7		7		7		7	
1/4	1,516.88	1/4	1,253.95	1/4	991.11	1/4	732.26	1/4	470.89	1/4	207.90	1/4		1/4		1/4		1/4	
1/2	1,511.40	1/2	1,248.47	1/2	985.72	1/2	726.87	1/2	465.41	1/2	202.43	1/2		1/2		1/2		1/2	
3/4	1,505.93	3/4	1,242.99	3/4	980.32	3/4	721.48	3/4	459.93	3/4	196.95	3/4		3/4		3/4		3/4	
8	1,500.45	8	1,237.51	8	974.93	8	716.09	8	454.45	8	191.47	8		8		8		8	
1/4	1,494.98	1/4	1,232.03	1/4	969.53	1/4	710.70	1/4	448.98	1/4	185.99	1/4		1/4		1/4		1/4	
1/2	1,489.50	1/2	1,226.55	1/2	964.14	1/2	705.31	1/2	443.50	1/2	180.51	1/2		1/2		1/2		1/2	
3/4	1,484.02	3/4	1,221.07	3/4	958.74	3/4	699.92	3/4	438.02	3/4	175.03	3/4		3/4		3/4		3/4	
9	1,478.55	9	1,215.59	9	953.35	9	694.54	9	432.54	9	169.55	9		9		9		9	
1/4	1,473.07	1/4	1,210.11	1/4	947.95	1/4	689.15	1/4	427.06	1/4	164.07	1/4		1/4		1/4		1/4	
1/2	1,467.60	1/2	1,204.63	1/2	942.56	1/2	683.76	1/2	421.58	1/2	158.59	1/2		1/2		1/2		1/2	
3/4	1,462.12	3/4	1,199.15	3/4	937.17	3/4	678.37	3/4	416.10	3/4	153.12	3/4		3/4		3/4		3/4	
10	1,456.65	10	1,193.67	10	931.77	10	672.98	10	410.62	10	147.64	10		10		10		10	
1/4	1,451.17	1/4	1,188.20	1/4	926.38	1/4	667.59	1/4	405.14	1/4	142.16	1/4		1/4		1/4		1/4	
1/2	1,445.69	1/2	1,182.72	1/2	920.98	1/2	662.20	1/2	399.67	1/2	136.69	1/2		1/2		1/2		1/2	
3/4	1,440.22	3/4	1,177.24	3/4	915.59	3/4	656.81	3/4	394.19	3/4	131.21	3/4		3/4		3/4		3/4	
11	1,434.74	11	1,171.76	11	910.19	11	651.42	11	388.71	11	125.74	11		11		11		11	
1/4	1,429.27	1/4	1,166.28	1/4	904.80	1/4	646.04	1/4	383.23	1/4	120.27	1/4		1/4		1/4		1/4	
1/2	1,423.79	1/2	1,160.80	1/2	899.40	1/2	640.60	1/2	377.75	1/2	114.81	1/2		1/2		1/2		1/2	
3/4	1,418.32	3/4	1,155.32	3/4	894.01	3/4	635.16	3/4	372.27	3/4	109.34	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2015 CL
CALCULATED: 02/28/2015 CL
PRINTED: 02/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2015

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



BARGE "KIRBY 10133"

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	3,236.86	0	2,977.18	0	2,717.50	0	2,457.41	0	2,196.33	0	1,935.26
1/4		1/4		1/4		1/4		1/4	3,231.45	1/4	2,971.77	1/4	2,712.09	1/4	2,451.97	1/4	2,190.89	1/4	1,929.82
1/2		1/2		1/2		1/2		1/2	3,450.78	1/2	3,226.04	1/2	2,966.36	1/2	2,706.68	1/2	2,446.53	1/2	2,185.45
3/4		3/4		3/4		3/4		3/4	3,449.87	3/4	3,220.63	3/4	2,960.95	3/4	2,701.27	3/4	2,441.09	3/4	2,180.02
1		1		1		1		1	3,448.96	1	3,215.22	1	2,955.54	1	2,695.86	1	2,435.65	1	2,174.58
1/4		1/4		1/4		1/4		1/4	3,448.06	1/4	3,209.81	1/4	2,950.13	1/4	2,690.45	1/4	2,430.21	1/4	2,169.14
1/2		1/2		1/2		1/2		1/2	3,447.15	1/2	3,204.40	1/2	2,944.72	1/2	2,685.04	1/2	2,424.77	1/2	2,163.70
3/4		3/4		3/4		3/4		3/4	3,444.43	3/4	3,198.99	3/4	2,939.31	3/4	2,679.63	3/4	2,419.34	3/4	2,158.26
2		2		2		2		2	3,441.71	2	3,193.58	2	2,933.90	2	2,674.22	2	2,413.90	2	2,152.82
1/4		1/4		1/4		1/4		1/4	3,438.99	1/4	3,188.17	1/4	2,928.49	1/4	2,668.81	1/4	2,408.46	1/4	2,147.38
1/2		1/2		1/2		1/2		1/2	3,436.26	1/2	3,182.76	1/2	2,923.08	1/2	2,663.40	1/2	2,403.02	1/2	2,141.94
3/4		3/4		3/4		3/4		3/4	3,431.86	3/4	3,177.35	3/4	2,917.67	3/4	2,657.99	3/4	2,397.58	3/4	2,136.50
3		3		3		3		3	3,427.45	3	3,171.94	3	2,912.26	3	2,652.58	3	2,392.14	3	2,131.06
1/4		1/4		1/4		1/4		1/4	3,423.05	1/4	3,166.53	1/4	2,906.85	1/4	2,647.17	1/4	2,386.70	1/4	2,125.62
1/2		1/2		1/2		1/2		1/2	3,418.64	1/2	3,161.12	1/2	2,901.44	1/2	2,641.76	1/2	2,381.26	1/2	2,120.19
3/4		3/4		3/4		3/4		3/4	3,413.37	3/4	3,155.71	3/4	2,896.03	3/4	2,636.35	3/4	2,375.82	3/4	2,114.75
4		4		4		4		4	3,408.10	4	3,150.30	4	2,890.62	4	2,630.94	4	2,370.38	4	2,109.31
1/4		1/4		1/4		1/4		1/4	3,402.83	1/4	3,144.89	1/4	2,885.21	1/4	2,625.53	1/4	2,364.94	1/4	2,103.87
1/2		1/2		1/2		1/2		1/2	3,397.56	1/2	3,139.48	1/2	2,879.80	1/2	2,620.12	1/2	2,359.51	1/2	2,098.43
3/4		3/4		3/4		3/4		3/4	3,392.25	3/4	3,134.07	3/4	2,874.39	3/4	2,614.71	3/4	2,354.07	3/4	2,092.99
5		5		5		5		5	3,386.95	5	3,128.66	5	2,868.98	5	2,609.30	5	2,348.63	5	2,087.55
1/4		1/4		1/4		1/4		1/4	3,381.65	1/4	3,123.25	1/4	2,863.57	1/4	2,603.89	1/4	2,343.19	1/4	2,082.11
1/2		1/2		1/2		1/2		1/2	3,376.35	1/2	3,117.84	1/2	2,858.16	1/2	2,598.48	1/2	2,337.75	1/2	2,076.67
3/4		3/4		3/4		3/4		3/4	3,371.03	3/4	3,112.43	3/4	2,852.75	3/4	2,593.07	3/4	2,332.31	3/4	2,071.23
6		6		6		6		6	3,365.71	6	3,107.02	6	2,847.34	6	2,587.66	6	2,326.87	6	2,065.79
1/4		1/4		1/4		1/4		1/4	3,360.40	1/4	3,101.61	1/4	2,841.93	1/4	2,582.25	1/4	2,321.43	1/4	2,060.36
1/2		1/2		1/2		1/2		1/2	3,355.08	1/2	3,096.20	1/2	2,836.52	1/2	2,576.84	1/2	2,315.99	1/2	2,054.92
3/4		3/4		3/4		3/4		3/4	3,349.77	3/4	3,090.79	3/4	2,831.11	3/4	2,571.43	3/4	2,310.55	3/4	2,049.48
7		7		7		7		7	3,344.46	7	3,085.38	7	2,825.70	7	2,566.02	7	2,305.11	7	2,044.04
1/4		1/4		1/4		1/4		1/4	3,339.15	1/4	3,079.97	1/4	2,820.29	1/4	2,560.61	1/4	2,299.68	1/4	2,038.60
1/2		1/2		1/2		1/2		1/2	3,333.84	1/2	3,074.56	1/2	2,814.88	1/2	2,555.20	1/2	2,294.24	1/2	2,033.16
3/4		3/4		3/4		3/4		3/4	3,328.53	3/4	3,069.15	3/4	2,809.47	3/4	2,549.79	3/4	2,288.80	3/4	2,027.72
8		8		8		8		8	3,323.22	8	3,063.74	8	2,804.06	8	2,544.38	8	2,283.36	8	2,022.28
1/4		1/4		1/4		1/4		1/4	3,317.91	1/4	3,058.33	1/4	2,798.65	1/4	2,538.97	1/4	2,277.92	1/4	2,016.84
1/2		1/2		1/2		1/2		1/2	3,312.60	1/2	3,052.92	1/2	2,793.24	1/2	2,533.56	1/2	2,272.48	1/2	2,011.40
3/4		3/4		3/4		3/4		3/4	3,307.19	3/4	3,047.51	3/4	2,787.83	3/4	2,528.12	3/4	2,267.04	3/4	2,005.96
9		9		9		9		9	3,301.78	9	3,042.10	9	2,782.42	9	2,522.68	9	2,261.60	9	2,000.53
1/4		1/4		1/4		1/4		1/4	3,296.37	1/4	3,036.69	1/4	2,777.01	1/4	2,517.24	1/4	2,256.16	1/4	1,995.09
1/2		1/2		1/2		1/2		1/2	3,290.96	1/2	3,031.28	1/2	2,771.60	1/2	2,511.80	1/2	2,250.72	1/2	1,989.65
3/4		3/4		3/4		3/4		3/4	3,285.55	3/4	3,025.87	3/4	2,766.19	3/4	2,506.36	3/4	2,245.28	3/4	1,984.21
10		10		10		10		10	3,280.14	10	3,020.46	10	2,760.78	10	2,500.92	10	2,239.85	10	1,978.77
1/4		1/4		1/4		1/4		1/4	3,274.73	1/4	3,015.05	1/4	2,755.37	1/4	2,495.48	1/4	2,234.41	1/4	1,973.33
1/2		1/2		1/2		1/2		1/2	3,269.32	1/2	3,009.64	1/2	2,749.96	1/2	2,490.04	1/2	2,228.97	1/2	1,967.89
3/4		3/4		3/4		3/4		3/4	3,263.91	3/4	3,004.23	3/4	2,744.55	3/4	2,484.61	3/4	2,223.53	3/4	1,962.45
11		11		11		11		11	3,258.50	11	2,998.82	11	2,739.14	11	2,479.17	11	2,218.09	11	1,957.01
1/4		1/4		1/4		1/4		1/4	3,253.09	1/4	2,993.41	1/4	2,733.73	1/4	2,473.73	1/4	2,212.65	1/4	1,951.57
1/2		1/2		1/2		1/2		1/2	3,247.68	1/2	2,988.00	1/2	2,728.32	1/2	2,468.29	1/2	2,207.21	1/2	1,946.13
3/4		3/4		3/4		3/4		3/4	3,242.27	3/4	2,982.59	3/4	2,722.91	3/4	2,462.85	3/4	2,201.77	3/4	1,940.70

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'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "KIRBY 10133"

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	1,674.18	0	1,413.10	0	1,151.86	0	891.42	0	631.01	0	369.78	0	108.62	0		0		0	
1/4	1,668.74	1/4	1,407.66	1/4	1,146.42	1/4	886.01	1/4	625.56	1/4	364.34	1/4	103.19	1/4		1/4		1/4	
1/2	1,663.30	1/2	1,402.22	1/2	1,140.98	1/2	880.61	1/2	620.12	1/2	358.90	1/2	97.76	1/2		1/2		1/2	
3/4	1,657.86	3/4	1,396.78	3/4	1,135.54	3/4	875.20	3/4	614.68	3/4	353.46	3/4	92.36	3/4		3/4		3/4	
1	1,652.42	1	1,391.34	1	1,130.09	1	869.79	1	609.24	1	348.02	1	86.95	1		1		1	
1/4	1,646.98	1/4	1,385.90	1/4	1,124.65	1/4	864.39	1/4	603.80	1/4	342.57	1/4	81.54	1/4		1/4		1/4	
1/2	1,641.54	1/2	1,380.45	1/2	1,119.21	1/2	858.98	1/2	598.36	1/2	337.13	1/2	76.13	1/2		1/2		1/2	
3/4	1,636.11	3/4	1,375.01	3/4	1,113.77	3/4	853.57	3/4	592.91	3/4	331.69	3/4	70.75	3/4		3/4		3/4	
2	1,630.67	2	1,369.57	2	1,108.32	2	848.17	2	587.47	2	326.25	2	65.38	2		2		2	
1/4	1,625.23	1/4	1,364.13	1/4	1,102.88	1/4	842.76	1/4	582.03	1/4	320.80	1/4	60.00	1/4		1/4		1/4	
1/2	1,619.79	1/2	1,358.68	1/2	1,097.44	1/2	837.36	1/2	576.59	1/2	315.36	1/2	54.62	1/2		1/2		1/2	
3/4	1,614.35	3/4	1,353.24	3/4	1,092.00	3/4	831.95	3/4	571.15	3/4	309.92	3/4	49.29	3/4		3/4		3/4	
3	1,608.91	3	1,347.80	3	1,086.55	3	826.54	3	565.70	3	304.48	3	43.96	3		3		3	
1/4	1,603.47	1/4	1,342.36	1/4	1,081.11	1/4	821.14	1/4	560.26	1/4	299.04	1/4	38.63	1/4		1/4		1/4	
1/2	1,598.03	1/2	1,336.91	1/2	1,075.67	1/2	815.73	1/2	554.82	1/2	293.59	1/2	33.30	1/2		1/2		1/2	
3/4	1,592.59	3/4	1,331.47	3/4	1,070.23	3/4	810.33	3/4	549.38	3/4	288.15	3/4	28.77	3/4		3/4		3/4	
4	1,587.15	4	1,326.03	4	1,064.78	4	804.93	4	543.93	4	282.71	4	24.24	4		4		4	
1/4	1,581.71	1/4	1,320.59	1/4	1,059.34	1/4	799.53	1/4	538.49	1/4	277.27	1/4	19.72	1/4		1/4		1/4	
1/2	1,576.28	1/2	1,315.14	1/2	1,053.90	1/2	794.13	1/2	533.05	1/2	271.82	1/2	15.19	1/2		1/2		1/2	
3/4	1,570.84	3/4	1,309.70	3/4	1,048.46	3/4	788.69	3/4	527.61	3/4	266.38	3/4	12.47	3/4		3/4		3/4	
5	1,565.40	5	1,304.26	5	1,043.01	5	783.25	5	522.17	5	260.94	5	9.75	5		5		5	
1/4	1,559.96	1/4	1,298.81	1/4	1,037.57	1/4	777.81	1/4	516.72	1/4	255.50	1/4	7.03	1/4		1/4		1/4	
1/2	1,554.52	1/2	1,293.37	1/2	1,032.13	1/2	772.38	1/2	511.28	1/2	250.06	1/2	4.30	1/2		1/2		1/2	
3/4	1,549.08	3/4	1,287.93	3/4	1,026.68	3/4	766.94	3/4	505.84	3/4	244.61	3/4	3.40	3/4		3/4		3/4	
6	1,543.64	6	1,282.49	6	1,021.24	6	761.50	6	500.40	6	239.17	6	2.49	6		6		6	
1/4	1,538.20	1/4	1,277.04	1/4	1,015.80	1/4	756.06	1/4	494.96	1/4	233.73	1/4	1.58	1/4		1/4		1/4	
1/2	1,532.76	1/2	1,271.60	1/2	1,010.36	1/2	750.63	1/2	489.51	1/2	228.29	1/2	0.68	1/2		1/2		1/2	
3/4	1,527.32	3/4	1,266.16	3/4	1,004.95	3/4	745.19	3/4	484.07	3/4	222.85	3/4		3/4		3/4		3/4	
7	1,521.88	7	1,260.72	7	999.54	7	739.75	7	478.63	7	217.40	7		7		7		7	
1/4	1,516.45	1/4	1,255.27	1/4	994.14	1/4	734.32	1/4	473.19	1/4	211.96	1/4		1/4		1/4		1/4	
1/2	1,511.01	1/2	1,249.83	1/2	988.73	1/2	728.88	1/2	467.74	1/2	206.52	1/2		1/2		1/2		1/2	
3/4	1,505.57	3/4	1,244.39	3/4	983.33	3/4	723.44	3/4	462.30	3/4	201.08	3/4		3/4		3/4		3/4	
8	1,500.13	8	1,238.95	8	977.92	8	718.00	8	456.86	8	195.63	8		8		8		8	
1/4	1,494.69	1/4	1,233.50	1/4	972.51	1/4	712.57	1/4	451.42	1/4	190.19	1/4		1/4		1/4		1/4	
1/2	1,489.25	1/2	1,228.06	1/2	967.11	1/2	707.13	1/2	445.98	1/2	184.75	1/2		1/2		1/2		1/2	
3/4	1,483.81	3/4	1,222.62	3/4	961.70	3/4	701.69	3/4	440.53	3/4	179.31	3/4		3/4		3/4		3/4	
9	1,478.37	9	1,217.18	9	956.29	9	696.26	9	435.09	9	173.87	9		9		9		9	
1/4	1,472.93	1/4	1,211.73	1/4	950.89	1/4	690.82	1/4	429.65	1/4	168.42	1/4		1/4		1/4		1/4	
1/2	1,467.49	1/2	1,206.29	1/2	945.48	1/2	685.38	1/2	424.21	1/2	162.98	1/2		1/2		1/2		1/2	
3/4	1,462.05	3/4	1,200.85	3/4	940.08	3/4	679.94	3/4	418.76	3/4	157.54	3/4		3/4		3/4		3/4	
10	1,456.62	10	1,195.41	10	934.67	10	674.51	10	413.32	10	152.10	10		10		10		10	
1/4	1,451.18	1/4	1,189.96	1/4	929.26	1/4	669.07	1/4	407.88	1/4	146.66	1/4		1/4		1/4		1/4	
1/2	1,445.74	1/2	1,184.52	1/2	923.86	1/2	663.63	1/2	402.44	1/2	141.21	1/2		1/2		1/2		1/2	
3/4	1,440.30	3/4	1,179.08	3/4	918.45	3/4	658.20	3/4	397.00	3/4	135.78	3/4		3/4		3/4		3/4	
11	1,434.86	11	1,173.63	11	913.04	11	652.76	11	391.55	11	130.34	11		11		11		11	
1/4	1,429.42	1/4	1,168.19	1/4	907.64	1/4	647.32	1/4	386.11	1/4	124.90	1/4		1/4		1/4		1/4	
1/2	1,423.98	1/2	1,162.75	1/2	902.23	1/2	641.89	1/2	380.67	1/2	119.47	1/2		1/2		1/2		1/2	
3/4	1,418.54	3/4	1,157.31	3/4	896.82	3/4	636.45	3/4	375.23	3/4	114.04	3/4		3/4		3/4		3/4	

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