BARGE "KIRBY 10109"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
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	00-1/2	- 00-1/2
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	00-1/2	- 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"

May 7, 2024

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

http://www.pmacorp.net

BARGE "KIRBY 10109"

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	3,559.88	0	3,306.57	0	3,053.26	0	2,794.26	0	2,498.20	0	2,201.42
1/4		1/4		1/4		1/4		1/4	3,554.60	1/4	3,301.29	1/4	3,047.98	1/4	2,788.10	1/4	2,492.01	1/4	2,195.24
1/2		1/2		1/2		1/2	3,770.52	1/2	3,549.32	1/2	3,296.01	1/2	3,042.70	1/2	2,781.93	1/2	2,485.83	1/2	2,189.06
3/4		3/4		3/4		3/4	3,769.48	3/4	3,544.05	3/4	3,290.73	3/4	3,037.42	3/4	2,775.77	3/4	2,479.65	3/4	2,182.87
1		1		1		1	3,768.45	1	3,538.77	1	3,285.46	1	3,032.15	1	2,769.60	1	2,473.46	1	2,176.69
1/4		1/4		1/4		1/4	3,767.41	1/4	3,533.49	1/4	3,280.18	1/4	3,026.87	1/4	2,763.44	1/4	2,467.28	1/4	2,170.51
1/2		1/2		1/2		1/2	3,766.38	1/2	3,528.21	1/2	3,274.90	1/2	3,021.59	1/2	2,757.28	1/2	2,461.10	1/2	2,164.32
3/4		3/4		3/4		3/4	3,763.27	3/4	3,522.94	3/4	3,269.63	3/4	3,016.32	3/4	2,751.11	3/4	2,454.92	3/4	2,158.14
2		2		2		2	3,760.17	2	3,517.66	2	3,264.35	2	3,011.04	2	2,744.95	2	2,448.73	2	2,151.96
1/4		1/4		1/4		1/4	3,757.07	1/4	3,512.38	1/4	3,259.07	1/4	3,005.76	1/4	2,738.78	1/4	2,442.55	1/4	2,145.78
1/2		1/2		1/2		1/2	3,753.96	1/2	3,507.10	1/2	3,253.79	1/2	3,000.48	1/2	2,732.62	1/2	2,436.37	1/2	2,139.59
3/4		3/4		3/4		3/4	3,749.81	3/4	3,501.83	3/4	3,248.52	3/4	2,995.21	3/4	2,726.45	3/4	2,430.19	3/4	2,133.41
3		3		3		3	3,745.65	3	3,496.55	3	3,243.24	3	2,989.93	3	2,720.29	3	2,424.00	3	2,127.23
1/4		1/4		1/4		1/4	3,741.49	1/4	3,491.27	1/4	3,237.96	1/4	2,984.65	1/4	2,714.13	1/4	2,417.82	1/4	2,121.05
1/2		1/2		1/2		1/2	3,737.34	1/2	3,485.99	1/2	3,232.68	1/2	2,979.37	1/2	2,707.96	1/2	2,411.64	1/2	2,114.86
3/4		3/4		3/4		3/4	3,732.20	3/4	3,480.72	3/4	3,227.41	3/4	2,974.10	3/4	2,701.80	3/4	2,405.45	3/4	2,108.68
4		4		4		4	3,727.05	4	3,475.44	4	3,222.13	4	2,968.82	4	2,695.63	4	2,399.27	4	2,102.50
1/4		1/4		1/4		1/4	3,721.91	1/4	3,470.16	1/4	3,216.85	1/4	2,963.54	1/4	2,689.47	1/4	2,393.09	1/4	2,096.31
1/2		1/2		1/2		1/2	3,716.77	1/2	3,464.89	1/2	3,211.58	1/2	2,958.26	1/2	2,683.31	1/2	2,386.91	1/2	2,090.13
3/4		3/4		3/4		3/4	3,711.59	3/4	3,459.61	3/4	3,206.30	3/4	2,952.99	3/4	2,677.14	3/4	2,380.72	3/4	2,083.95
5		5		5		5	3,706.41	5	3,454.33	5	3,201.02	5	2,947.71	5	2,670.98	5	2,374.54	5	2,077.77
1/4		1/4		1/4		1/4	3,701.23	1/4	3,449.05	1/4	3,195.74	1/4	2,942.43	1/4	2,664.81	1/4	2,368.36	1/4	2,071.58
1/2		1/2		1/2		1/2	3,696.05	1/2	3,443.78	1/2	3,190.47	1/2	2,937.16	1/2	2,658.65	1/2	2,362.17	1/2	2,065.40
3/4		3/4		3/4		3/4	3,690.86	3/4	3,438.50	3/4	3,185.19	3/4	2,931.88	3/4	2,652.49	3/4	2,355.99	3/4	2,059.22
6		6		6		6	3,685.67	6	3,433.22	6	3,179.91	6	2,926.60	6	2,646.32	6	2,349.81	6	2,053.03
1/4		1/4		1/4		1/4	3,680.48	1/4	3,427.94	1/4	3,174.63	1/4	2,921.32	1/4	2,640.16	1/4	2,343.63	1/4	2,046.85
1/2		1/2		1/2		1/2	3,675.28	1/2	3,422.67	1/2	3,169.36	1/2	2,916.05	1/2	2,633.99	1/2	2,337.44	1/2	2,040.67
3/4		3/4		3/4		3/4	3,670.09	3/4	3,417.39	3/4	3,164.08	3/4	2,910.77	3/4	2,627.83	3/4	2,331.26	3/4	2,034.49
7		7		7		7	3,664.90	7	3,412.11	7	3,158.80	7	2,905.49	7	2,621.67	7	2,325.08	7	2,028.30
1/4		1/4		1/4		1/4	3,659.71	1/4	3,406.84	1/4	3,153.52	1/4	2,900.21	1/4	2,615.50	1/4	2,318.89	1/4	2,022.12
1/2		1/2		1/2		1/2	3,654.52	1/2	3,401.56	1/2	3,148.25	1/2	2,894.94	1/2	2,609.34	1/2	2,312.71	1/2	2,015.94
3/4		3/4		3/4		3/4	3,649.33	3/4	3,396.28	3/4	3,142.97	3/4	2,889.66	3/4	2,603.17	3/4	2,306.53	3/4	2,009.75
8		8		8		8	3,644.14	8	3,391.00	8	3,137.69	8	2,884.38	8	2,597.01	8	2,300.35	8	2,003.57
1/4		1/4		1/4		1/4	3,638.95	1/4	3,385.73	1/4	3,132.42	1/4	2,879.11	1/4	2,590.84	1/4	2,294.16	1/4	1,997.39
1/2		1/2		1/2		1/2	3,633.76	1/2	3,380.45	1/2	3,127.14	1/2	2,873.83	1/2	2,584.68	1/2	2,287.98	1/2	1,991.21
3/4		3/4		3/4		3/4	3,628.48	3/4	3,375.17	3/4	3,121.86	3/4	2,868.53	3/4	2,578.52	3/4	2,281.80	3/4	1,985.02
9		9		9		9	3,623.20	9	3,369.89	9	3,116.58	9	2,863.22	9	2,572.35	9	2,275.62	9	1,978.84
1/4		1/4		1/4		1/4	3,617.93	1/4	3,364.62	1/4	3,111.31	1/4	2,857.92	1/4	2,566.19	1/4	2,269.43	1/4	1,972.66
1/2		1/2		1/2		1/2	3,612.65	1/2	3,359.34	1/2	3,106.03	1/2	2,852.62	1/2	2,560.02	1/2	2,263.25	1/2	1,966.48
3/4		3/4		3/4		3/4	3,607.37	3/4	3,354.06	3/4	3,100.75	3/4	2,847.32	3/4	2,553.84	3/4	2,257.07	3/4	1,960.29
10		10		10		10	3,602.10	10	3,348.79	10	3,095.47	10	2,842.01	10	2,547.66	10	2,250.88	10	1,954.11
1/4		1/4		1/4		1/4	3,596.82	1/4	3,343.51	1/4	3,090.20	1/4	2,836.71	1/4	2,541.48	1/4	2,244.70	1/4	1,947.93
1/2		1/2		1/2		1/2	3,591.54	1/2	3,338.23	1/2	3,084.92	1/2	2,831.41	1/2	2,535.29	1/2	2,238.52	1/2	1,941.74
3/4		3/4		3/4		3/4	3,586.26	3/4	3,332.95	3/4	3,079.64	3/4	2,825.20	3/4	2,529.11	3/4	2,232.34	3/4	1,935.56
11		11		11		11	3,580.99	11	3,327.68	11	3,074.37	11	2,819.00	11	2,522.93	11	2,226.15	11	1,929.38
1/4		1/4		1/4		1/4	3,575.71	1/4	3,322.40	1/4	3,069.09	1/4	2,812.79	1/4	2,516.74	1/4	2,219.97	1/4	1,923.20
1/2		1/2		1/2		1/2	3,570.43	1/2	3,317.12	1/2	3,063.81	1/2	2,806.59	1/2	2,510.56	1/2	2,213.79	1/2	1,917.01
3/4		3/4		3/4		3/4	3,565.15	3/4	3,311.84	3/4	3,058.53	3/4	2,800.42	3/4	2,504.38	3/4	2,207.60	3/4	1,910.83

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
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BARGE "KIRBY 10109"

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	1,904.65	0	1,607.65	0	1,310.47	0	1,013.28	0	721.94	0	424.83	0	127.43	0		0		0	
1/4	1,898.46	1/4	1,601.46	1/4	1,304.28	1/4	1,007.09	1/4	715.85	1/4	418.63	1/4	121.24	1/4		1/4		1/4	
1/2	1,892.28	1/2	1,595.27	1/2	1,298.09	1/2	1,000.90	1/2	709.75	1/2	412.44	1/2	115.05	1/2		1/2		1/2	
3/4	1,886.10	3/4	1,589.08	3/4	1,291.90	3/4	994.71	3/4	703.57	3/4	406.24	3/4	108.89	3/4		3/4		3/4	
1	1,879.92	1	1,582.89	1	1,285.70	1	988.52	1	697.40	1	400.05	1	102.72	1		1		1	
1/4	1,873.73	1/4	1,576.70	1/4	1,279.51	1/4	982.33	1/4	691.22	1/4	393.85	1/4	96.55	1/4		1/4		1/4	
1/2	1,867.55	1/2	1,570.51	1/2	1,273.32	1/2	976.13	1/2	685.04	1/2	387.66	1/2	90.38	1/2		1/2		1/2	
3/4	1,861.37	3/4	1,564.32	3/4	1,267.13	3/4	970.01	3/4	678.85	3/4	381.46	3/4	84.25	3/4		3/4		3/4	
2	1,855.18	2	1,558.13	2	1,260.94	2	963.88	2	672.65	2	375.26	2	78.11	2		2		2	
1/4	1,849.00	1/4	1,551.93	1/4	1,254.75	1/4	957.75	1/4	666.46	1/4	369.07	1/4	71.97	1/4		1/4		1/4	
1/2	1,842.82	1/2	1,545.74	1/2	1,248.56	1/2	951.62	1/2	660.26	1/2	362.87	1/2	65.84	1/2		1/2		1/2	
3/4	1,836.64	3/4	1,539.55	3/4	1,242.36	3/4	945.55	3/4	654.07	3/4	356.68	3/4	59.76	3/4		3/4		3/4	
3	1,830.45	3	1,533.36	3	1,236.17	3	939.49	3	647.87	3	350.48	3	53.68	3		3		3	
1/4	1,824.27	1/4	1,527.17	1/4	1,229.98	1/4	933.42	1/4	641.68	1/4	344.29	1/4	47.60	1/4		1/4		1/4	
1/2	1,818.09	1/2	1,520.98	1/2	1,223.79	1/2	927.36	1/2	635.48	1/2	338.09	1/2	41.52	1/2		1/2		1/2	
3/4	1,811.90	3/4	1,514.79	3/4	1,217.60	3/4	921.29	3/4	629.29	3/4	331.89	3/4	36.36	3/4		3/4		3/4	
4	1,805.71	4	1,508.59	4	1,211.41	4	915.23	4	623.09	4	325.70	4	31.19	4		4		4	
1/4	1,799.51	1/4	1,502.40	1/4	1,205.22	1/4	909.17	1/4	616.90	1/4	319.50	1/4	26.03	1/4		1/4		1/4	
1/2	1,793.32	1/2	1,496.21	1/2	1,199.02	1/2	903.10	1/2	610.70	1/2	313.31	1/2	20.87	1/2		1/2		1/2	
3/4	1,787.13	3/4	1,490.02	3/4	1,192.83	3/4	897.05	3/4	604.50	3/4	307.11	3/4	17.76	3/4		3/4		3/4	
5	1,780.94	5	1,483.83	5	1,186.64	5	891.00	5	598.31	5	300.92	5	14.66	5		5		5	
1/4	1,774.75	1/4	1,477.64	1/4	1,180.45	1/4	884.95	1/4	592.11	1/4	294.72	1/4	11.56	1/4		1/4		1/4	
1/2	1,768.56	1/2	1,471.45	1/2	1,174.26	1/2	878.91	1/2	585.92	1/2	288.52	1/2	8.45	1/2		1/2		1/2	
3/4	1,762.37	3/4	1,465.25	3/4	1,168.07	3/4	872.87	3/4	579.72	3/4	282.33	3/4	7.42	3/4		3/4		3/4	
6	1,756.18	6	1,459.06	6	1,161.88	6	866.84	6	573.53	6	276.13	6	6.39	6		6		6	
1/4	1,749.98	1/4	1,452.87	1/4	1,155.68	1/4	860.81	1/4	567.33	1/4	269.94	1/4	5.35	1/4		1/4		1/4	
1/2	1,743.79	1/2	1,446.68	1/2	1,149.49	1/2	854.78	1/2	561.13	1/2	263.74	1/2	4.32	1/2		1/2		1/2	
3/4	1,737.60	3/4	1,440.49	3/4	1,143.30	3/4	848.75	3/4	554.94	3/4	257.55	3/4		3/4		3/4		3/4	
7	1,731.41	7	1,434.30	7	1,137.11	7	842.71	7	548.74	7	251.35	7		7		7		7	
1/4	1,725.22	1/4	1,428.11	1/4	1,130.92	1/4	836.68	1/4	542.55	1/4	245.15	1/4		1/4		1/4		1/4	
1/2	1,719.03	1/2	1,421.91	1/2	1,124.73	1/2	830.65	1/2	536.35	1/2	238.96	1/2		1/2		1/2		1/2	
3/4	1,712.85	3/4	1,415.72	3/4	1,118.54	3/4	824.62	3/4	530.16	3/4	232.76	3/4		3/4		3/4		3/4	
8	1,706.66	8	1,409.53	8	1,112.34	8	818.58	8	523.96	8	226.57	8		8		8		8	
1/4	1,700.47	1/4	1,403.34	1/4	1,106.15	1/4	812.55	1/4	517.76	1/4	220.37	1/4		1/4		1/4		1/4	
1/2	1,694.28	1/2	1,397.15	1/2	1,099.96	1/2	806.52	1/2	511.57	1/2	214.18	1/2		1/2		1/2		1/2	
3/4	1,688.09	3/4	1,390.96	3/4	1,093.77	3/4	800.49	3/4	505.37	3/4	207.98	3/4		3/4		3/4		3/4	
9	1,681.91	9	1,384.77	9	1,087.58	9	794.46	9	499.18	9	201.78	9		9		9		9	
1/4	1,675.72	1/4	1,378.58	1/4	1,081.39	1/4	788.42	1/4	492.98	1/4	195.59	1/4		1/4		1/4		1/4	
1/2	1,669.53	1/2	1,372.38	1/2	1,075.20	1/2	782.39	1/2	486.79	1/2	189.39	1/2		1/2		1/2		1/2	
3/4	1,663.34	3/4	1,366.19	3/4	1,069.01	3/4	776.36	3/4	480.59	3/4	183.20	3/4		3/4		3/4		3/4	
10	1,657.15	10	1,360.00	10	1,062.81	10	770.33	10	474.40	10	177.00	10		10		10		10	
1/4	1,650.97	1/4	1,353.81	1/4	1,056.62	1/4	764.30	1/4	468.20	1/4	170.81	1/4		1/4		1/4		1/4	
1/2	1,644.78	1/2	1,347.62	1/2	1,050.43	1/2	758.26	1/2	462.00	1/2	164.61	1/2		1/2		1/2		1/2	
3/4	1,638.59	3/4	1,341.43	3/4	1,044.24	3/4	752.23	3/4	455.81	3/4	158.41	3/4		3/4		3/4		3/4	
11	1,632.40	11	1,335.24	11	1,038.05	11	746.20	11	449.61	11	152.21	11		11		11		11	
1/4	1,626.21	1/4	1,329.04	1/4	1,031.86	1/4	740.17	1/4	443.42	1/4	146.01	1/4		1/4		1/4		1/4	
1/2	1,620.03	1/2	1,322.85	1/2	1,025.67	1/2	734.14	1/2	437.22	1/2	139.81	1/2		1/2		1/2		1/2	
3/4	1,613.84	3/4	1,316.66	3/4	1,019.47	3/4	728.04	3/4	431.03	3/4	133.62	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2014 CL
CALCULATED: 03/06/2014 CL
VERIFIED: 05/07/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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

BARGE "KIRBY 10109"

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	3,261.62	0	3,000.04	0	2,738.46	0	2,476.50	0	2,213.52	0	1,950.54
1/4		1/4		1/4		1/4		1/4	3,256.17	1/4	2,994.59	1/4	2,733.01	1/4	2,471.02	1/4	2,208.04	1/4	1,945.06
1/2		1/2		1/2		1/2		1/2	3,250.72	1/2	2,989.14	1/2	2,727.56	1/2	2,465.54	1/2	2,202.56	1/2	1,939.58
3/4		3/4		3/4		3/4	3,471.66	3/4	3,245.27	3/4	2,983.69	3/4	2,722.11	3/4	2,460.06	3/4	2,197.08	3/4	1,934.10
1		1		1		1	3,470.75	1	3,239.82	1	2,978.24	1	2,716.66	1	2,454.59	1	2,191.60	1	1,928.62
1/4		1/4		1/4		1/4	3,469.83	1/4	3,234.37	1/4	2,972.79	1/4	2,711.21	1/4	2,449.11	1/4	2,186.12	1/4	1,923.14
1/2		1/2		1/2		1/2	3,468.92	1/2	3,228.92	1/2	2,967.34	1/2	2,705.76	1/2	2,443.63	1/2	2,180.65	1/2	1,917.66
3/4		3/4		3/4		3/4	3,468.01	3/4	3,223.48	3/4	2,961.89	3/4	2,700.31	3/4	2,438.15	3/4	2,175.17	3/4	1,912.18
2		2		2		2	3,465.27	2	3,218.03	2	2,956.44	2	2,694.86	2	2,432.67	2	2,169.69	2	1,906.71
1/4		1/4		1/4		1/4	3,462.52	1/4	3,212.58	1/4	2,951.00	1/4	2,689.41	1/4	2,427.19	1/4	2,164.21	1/4	1,901.23
1/2		1/2		1/2		1/2	3,459.78	1/2	3,207.13	1/2	2,945.55	1/2	2,683.96	1/2	2,421.71	1/2	2,158.73	1/2	1,895.75
3/4		3/4		3/4		3/4	3,457.04	3/4	3,201.68	3/4	2,940.10	3/4	2,678.52	3/4	2,416.23	3/4	2,153.25	3/4	1,890.27
3		3		3		3	3,452.60	3	3,196.23	3	2,934.65	3	2,673.07	3	2,410.75	3	2,147.77	3	1,884.79
1/4		1/4		1/4		1/4	3,448.16	1/4	3,190.78	1/4	2,929.20	1/4	2,667.62	1/4	2,405.28	1/4	2,142.29	1/4	1,879.31
1/2		1/2		1/2		1/2	3,443.73	1/2	3,185.33	1/2	2,923.75	1/2	2,662.17	1/2	2,399.80	1/2	2,136.81	1/2	1,873.83
3/4		3/4		3/4		3/4	3,439.29	3/4	3,179.88	3/4	2,918.30	3/4	2,656.72	3/4	2,394.32	3/4	2,131.34	3/4	1,868.35
4		4		4		4	3,433.98	4	3,174.43	4	2,912.85	4	2,651.27	4	2,388.84	4	2,125.86	4	1,862.87
1/4		1/4		1/4		1/4	3,428.67	1/4	3,168.98	1/4	2,907.40	1/4	2,645.82	1/4	2,383.36	1/4	2,120.38	1/4	1,857.40
1/2		1/2		1/2		1/2	3,423.36	1/2	3,163.53	1/2	2,901.95	1/2	2,640.37	1/2	2,377.88	1/2	2,114.90	1/2	1,851.92
3/4		3/4		3/4		3/4	3,418.05	3/4	3,158.08	3/4	2,896.50	3/4	2,634.92	3/4	2,372.40	3/4	2,109.42	3/4	1,846.44
5		5		5		5	3,412.70	5	3,152.63	5	2,891.05	5	2,629.47	5	2,366.92	5	2,103.94	5	1,840.96
1/4		1/4		1/4		1/4	3,407.36	1/4	3,147.18	1/4	2,885.60	1/4	2,624.02	1/4	2,361.45	1/4	2,098.46	1/4	1,835.48
1/2		1/2		1/2		1/2	3,402.02	1/2	3,141.73	1/2	2,880.15	1/2	2,618.57	1/2	2,355.97	1/2	2,092.98	1/2	1,830.00
3/4		3/4		3/4		3/4	3,396.68	3/4	3,136.28	3/4	2,874.70	3/4	2,613.12	3/4	2,350.49	3/4	2,087.51	3/4	1,824.52
6		6		6		6	3,391.33	6	3,130.83	6	2,869.25	6	2,607.67	6	2,345.01	6	2,082.03	6	1,819.04
1/4		1/4		1/4		1/4	3,385.97	1/4	3,125.38	1/4	2,863.80	1/4	2,602.22	1/4	2,339.53	1/4	2,076.55	1/4	1,813.57
1/2		1/2		1/2		1/2	3,380.62	1/2	3,119.93	1/2	2,858.35	1/2	2,596.77	1/2	2,334.05	1/2	2,071.07	1/2	1,808.09
3/4		3/4		3/4		3/4	3,375.26	3/4	3,114.48	3/4	2,852.90	3/4	2,591.32	3/4	2,328.57	3/4	2,065.59	3/4	1,802.61
7		7		7		7	3,369.92	7	3,109.03	7	2,847.45	7	2,585.87	7	2,323.09	7	2,060.11	7	1,797.13
1/4		1/4		1/4		1/4	3,364.57	1/4	3,103.58	1/4	2,842.00	1/4	2,580.42	1/4	2,317.62	1/4	2,054.63	1/4	1,791.65
1/2		1/2		1/2		1/2	3,359.22	1/2	3,098.13	1/2	2,836.55	1/2	2,574.97	1/2	2,312.14	1/2	2,049.15	1/2	1,786.17
3/4		3/4		3/4		3/4	3,353.87	3/4	3,092.68	3/4	2,831.10	3/4	2,569.52	3/4	2,306.66	3/4	2,043.68	3/4	1,780.69
8		8		8		8	3,348.52	8	3,087.24	8	2,825.65	8	2,564.07	8	2,301.18	8	2,038.20	8	1,775.21
1/4		1/4		1/4		1/4	3,343.17	1/4	3,081.79	1/4	2,820.20	1/4	2,558.62	1/4	2,295.70	1/4	2,032.72	1/4	1,769.74
1/2		1/2		1/2		1/2	3,337.82	1/2	3,076.34	1/2	2,814.76	1/2	2,553.17	1/2	2,290.22	1/2	2,027.24	1/2	1,764.26
3/4		3/4		3/4		3/4	3,332.47	3/4	3,070.89	3/4	2,809.31	3/4	2,547.72	3/4	2,284.74	3/4	2,021.76	3/4	1,758.78
9		9		9		9	3,327.02	9	3,065.44	9	2,803.86	9	2,542.25	9	2,279.26	9	2,016.28	9	1,753.30
1/4		1/4		1/4		1/4	3,321.57	1/4	3,059.99	1/4	2,798.41	1/4	2,536.77	1/4	2,273.78	1/4	2,010.80	1/4	1,747.82
1/2		1/2		1/2		1/2	3,316.12	1/2	3,054.54	1/2	2,792.96	1/2	2,531.29	1/2	2,268.31	1/2	2,005.32	1/2	1,742.34
3/4		3/4		3/4		3/4	3,310.67	3/4	3,049.09	3/4	2,787.51	3/4	2,525.81	3/4	2,262.83	3/4	1,999.84	3/4	1,736.86
10		10		10		10	3,305.22	10	3,043.64	10	2,782.06	10	2,520.33	10	2,257.35	10	1,994.37	10	1,731.38
1/4		1/4		1/4		1/4	3,299.77	1/4	3,038.19	1/4	2,776.61	1/4	2,514.85	1/4	2,251.87	1/4	1,988.89	1/4	1,725.90
1/2		1/2		1/2		1/2	3,294.32	1/2	3,032.74	1/2	2,771.16	1/2	2,509.37	1/2	2,246.39	1/2	1,983.41	1/2	1,720.43
3/4		3/4		3/4		3/4	3,288.87	3/4	3,027.29	3/4	2,765.71	3/4	2,503.89	3/4	2,240.91	3/4	1,977.93	3/4	1,714.95
11		11		11		11	3,283.42	11	3,021.84	11	2,760.26	11	2,498.42	11	2,235.43	11	1,972.45	11	1,709.47
1/4		1/4		1/4		1/4	3,277.97	1/4	3,016.39	1/4	2,754.81	1/4	2,492.94	1/4	2,229.95	1/4	1,966.97	1/4	1,703.99
1/2		1/2		1/2		1/2	3,272.52	1/2	3,010.94	1/2	2,749.36	1/2	2,487.46	1/2	2,224.48	1/2	1,961.49	1/2	1,698.51
3/4		3/4		3/4		3/4	3,267.07	3/4	3,005.49	3/4	2,743.91	3/4	2,481.98	3/4	2,219.00	3/4	1,956.01	3/4	1,693.03

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
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BARGE "KIRBY 10109"

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	1,687.55	0	1,424.57	0	1,161.44	0	899.90	0	640.95	0	377.96	0	114.87	0		0		0	
1/4	1,682.07	1/4	1,419.09	1/4	1,155.95	1/4	894.50	1/4	635.51	1/4	372.48	1/4	109.40	1/4		1/4		1/4	
1/2	1,676.60	1/2	1,413.61	1/2	1,150.47	1/2	889.10	1/2	630.07	1/2	366.99	1/2	103.94	1/2		1/2		1/2	
3/4	1,671.12	3/4	1,408.13	3/4	1,144.99	3/4	883.71	3/4	624.64	3/4	361.51	3/4	98.47	3/4		3/4		3/4	
1	1,665.64	1	1,402.65	1	1,139.51	1	878.31	1	619.16	1	356.03	1	93.03	1		1		1	
1/4	1,660.16	1/4	1,397.17	1/4	1,134.02	1/4	872.91	1/4	613.68	1/4	350.55	1/4	87.58	1/4		1/4		1/4	
1/2	1,654.68	1/2	1,391.69	1/2	1,128.54	1/2	867.51	1/2	608.20	1/2	345.07	1/2	82.13	1/2		1/2		1/2	
3/4	1,649.20	3/4	1,386.21	3/4	1,123.06	3/4	862.12	3/4	602.72	3/4	339.58	3/4	76.68	3/4		3/4		3/4	
2	1,643.72	2	1,380.72	2	1,117.58	2	856.72	2	597.23	2	334.10	2	71.27	2		2		2	
1/4	1,638.24	1/4	1,375.24	1/4	1,112.10	1/4	851.32	1/4	591.75	1/4	328.62	1/4	65.85	1/4		1/4		1/4	
1/2	1,632.77	1/2	1,369.76	1/2	1,106.61	1/2	845.92	1/2	586.27	1/2	323.14	1/2	60.43	1/2		1/2		1/2	
3/4	1,627.29	3/4	1,364.28	3/4	1,101.13	3/4	840.53	3/4	580.79	3/4	317.66	3/4	55.01	3/4		3/4		3/4	
3	1,621.81	3	1,358.79	3	1,095.65	3	835.13	3	575.31	3	312.17	3	49.64	3		3		3	
1/4	1,616.33	1/4	1,353.31	1/4	1,090.17	1/4	829.73	1/4	569.82	1/4	306.69	1/4	44.27	1/4		1/4		1/4	
1/2	1,610.85	1/2	1,347.83	1/2	1,084.68	1/2	824.33	1/2	564.34	1/2	301.21	1/2	38.90	1/2		1/2		1/2	
3/4	1,605.37	3/4	1,342.35	3/4	1,079.20	3/4	818.94	3/4	558.86	3/4	295.73	3/4	33.54	3/4		3/4		3/4	
4	1,599.89	4	1,336.87	4	1,073.72	4	813.54	4	553.38	4	290.25	4	28.97	4		4		4	
1/4	1,594.41	1/4	1,331.38	1/4	1,068.24	1/4	808.15	1/4	547.90	1/4	284.76	1/4	24.41	1/4		1/4		1/4	
1/2	1,588.93	1/2	1,325.90	1/2	1,062.76	1/2	802.76	1/2	542.41	1/2	279.28	1/2	19.85	1/2		1/2		1/2	
3/4	1,583.46	3/4	1,320.42	3/4	1,057.27	3/4	797.37	3/4	536.93	3/4	273.80	3/4	15.29	3/4		3/4		3/4	
5	1,577.98	5	1,314.94	5	1,051.79	5	791.98	5	531.45	5	268.32	5	12.55	5		5		5	
1/4	1,572.50	1/4	1,309.45	1/4	1,046.31	1/4	786.58	1/4	525.97	1/4	262.84	1/4	9.81	1/4		1/4		1/4	
1/2	1,567.02	1/2	1,303.97	1/2	1,040.83	1/2	781.19	1/2	520.49	1/2	257.36	1/2	7.07	1/2		1/2		1/2	
3/4	1,561.54	3/4	1,298.49	3/4	1,035.34	3/4	775.80	3/4	515.00	3/4	251.87	3/4	4.33	3/4		3/4		3/4	
6	1,556.06	6	1,293.01	6	1,029.86	6	770.41	6	509.52	6	246.39	6	3.42	6		6		6	
1/4	1,550.58	1/4	1,287.53	1/4	1,024.38	1/4	765.01	1/4	504.04	1/4	240.91	1/4	2.50	1/4		1/4		1/4	
1/2	1,545.10	1/2	1,282.04	1/2	1,018.90	1/2	759.62	1/2	498.56	1/2	235.43	1/2	1.59	1/2		1/2		1/2	
3/4	1,539.63	3/4	1,276.56	3/4	1,013.42	3/4	754.23	3/4	493.08	3/4	229.95	3/4	0.68	3/4		3/4		3/4	
7	1,534.15	7	1,271.08	7	1,007.98	7	748.84	7	487.60	7	224.46	7		7		7		7	
1/4	1,528.67	1/4	1,265.60	1/4	1,002.53	1/4	743.45	1/4	482.11	1/4	218.98	1/4		1/4		1/4		1/4	
1/2	1,523.19	1/2	1,260.11	1/2	997.09	1/2	738.05	1/2	476.63	1/2	213.50	1/2		1/2		1/2		1/2	
3/4	1,517.71	3/4	1,254.63	3/4	991.65	3/4	732.66	3/4	471.15	3/4	208.02	3/4		3/4		3/4		3/4	
8	1,512.23	8	1,249.15	8	986.26	8	727.27	8	465.67	8	202.54	8		8		8		8	
1/4	1,506.75	1/4	1,243.67	1/4	980.86	1/4	721.88	1/4	460.19	1/4	197.05	1/4		1/4		1/4		1/4	
1/2	1,501.27	1/2	1,238.19	1/2	975.46	1/2	716.48	1/2	454.70	1/2	191.57	1/2		1/2		1/2		1/2	
3/4	1,495.80	3/4	1,232.70	3/4	970.06	3/4	711.09	3/4	449.22	3/4	186.09	3/4		3/4		3/4		3/4	
9	1,490.32	9	1,227.22	9	964.67	9	705.70	9	443.74	9	180.61	9		9		9		9	
1/4	1,484.84	1/4	1,221.74	1/4	959.27	1/4	700.31	1/4	438.26	1/4	175.13	1/4		1/4		1/4		1/4	
1/2	1,479.36	1/2	1,216.26	1/2	953.87	1/2	694.92	1/2	432.78	1/2	169.65	1/2		1/2		1/2		1/2	
3/4	1,473.88	3/4	1,210.78	3/4	948.47	3/4	689.52	3/4	427.29	3/4	164.16	3/4		3/4		3/4		3/4	
10	1,468.40	10	1,205.29	10	943.08	10	684.13	10	421.81	10	158.68	10		10		10		10	
1/4	1,462.92	1/4	1,199.81	1/4	937.68	1/4	678.74	1/4	416.33	1/4	153.20	1/4		1/4		1/4		1/4	
1/2	1,457.44	1/2	1,194.33	1/2	932.28	1/2	673.35	1/2	410.85	1/2	147.72	1/2		1/2		1/2		1/2	
3/4	1,451.96	3/4	1,188.85	3/4	926.88	3/4	667.95	3/4	405.37	3/4	142.24	3/4		3/4		3/4		3/4	
11	1,446.49	11	1,183.36	11	921.49	11	662.56	11	399.88	11	136.76	11		11		11		11	
1/4	1,441.01	1/4	1,177.88	1/4	916.09	1/4	657.17	1/4	394.40	1/4	131.29	1/4		1/4		1/4		1/4	
1/2	1,435.53	1/2	1,172.40	1/2	910.69	1/2	651.78	1/2	388.92	1/2	125.81	1/2		1/2		1/2		1/2	
3/4	1,430.05	3/4	1,166.92	3/4	905.29	3/4	646.39	3/4	383.44	3/4	120.33	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2014 CL
CALCULATED: 03/06/2014 CL
VERIFIED: 05/07/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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

BARGE "KIRBY 10109"

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	3,234.12	0	2,974.66	0	2,715.20	0	2,455.33	0	2,194.48	0	1,933.62
1/4		1/4		1/4		1/4		1/4	3,228.71	1/4	2,969.25	1/4	2,709.79	1/4	2,449.90	1/4	2,189.04	1/4	1,928.18
1/2		1/2		1/2		1/2	3,447.86	1/2	3,223.31	1/2	2,963.85	1/2	2,704.39	1/2	2,444.46	1/2	2,183.61	1/2	1,922.75
3/4		3/4		3/4		3/4	3,446.96	3/4	3,217.90	3/4	2,958.44	3/4	2,698.98	3/4	2,439.03	3/4	2,178.17	3/4	1,917.32
1		1		1		1	3,446.05	1	3,212.49	1	2,953.04	1	2,693.58	1	2,433.59	1	2,172.74	1	1,911.88
1/4		1/4		1/4		1/4	3,445.14	1/4	3,207.09	1/4	2,947.63	1/4	2,688.17	1/4	2,428.16	1/4	2,167.30	1/4	1,906.45
1/2		1/2		1/2		1/2	3,444.24	1/2	3,201.68	1/2	2,942.22	1/2	2,682.77	1/2	2,422.72	1/2	2,161.87	1/2	1,901.01
3/4		3/4		3/4		3/4	3,441.52	3/4	3,196.28	3/4	2,936.82	3/4	2,677.36	3/4	2,417.29	3/4	2,156.43	3/4	1,895.58
2		2		2		2	3,438.80	2	3,190.87	2	2,931.41	2	2,671.95	2	2,411.86	2	2,151.00	2	1,890.14
1/4		1/4		1/4		1/4	3,436.08	1/4	3,185.47	1/4	2,926.01	1/4	2,666.55	1/4	2,406.42	1/4	2,145.56	1/4	1,884.71
1/2		1/2		1/2		1/2	3,433.36	1/2	3,180.06	1/2	2,920.60	1/2	2,661.14	1/2	2,400.99	1/2	2,140.13	1/2	1,879.27
3/4		3/4		3/4		3/4	3,428.96	3/4	3,174.66	3/4	2,915.20	3/4	2,655.74	3/4	2,395.55	3/4	2,134.70	3/4	1,873.84
3		3		3		3	3,424.56	3	3,169.25	3	2,909.79	3	2,650.33	3	2,390.12	3	2,129.26	3	1,868.41
1/4		1/4		1/4		1/4	3,420.15	1/4	3,163.85	1/4	2,904.39	1/4	2,644.93	1/4	2,384.68	1/4	2,123.83	1/4	1,862.97
1/2		1/2		1/2		1/2	3,415.75	1/2	3,158.44	1/2	2,898.98	1/2	2,639.52	1/2	2,379.25	1/2	2,118.39	1/2	1,857.54
3/4		3/4		3/4		3/4	3,410.49	3/4	3,153.04	3/4	2,893.58	3/4	2,634.12	3/4	2,373.81	3/4	2,112.96	3/4	1,852.10
4		4		4		4	3,405.22	4	3,147.63	4	2,888.17	4	2,628.71	4	2,368.38	4	2,107.52	4	1,846.67
1/4		1/4		1/4		1/4	3,399.95	1/4	3,142.22	1/4	2,882.77	1/4	2,623.31	1/4	2,362.94	1/4	2,102.09	1/4	1,841.23
1/2		1/2		1/2		1/2	3,394.69	1/2	3,136.82	1/2	2,877.36	1/2	2,617.90	1/2	2,357.51	1/2	2,096.65	1/2	1,835.80
3/4		3/4		3/4		3/4	3,389.39	3/4	3,131.41	3/4	2,871.95	3/4	2,612.50	3/4	2,352.08	3/4	2,091.22	3/4	1,830.36
5		5		5		5	3,384.09	5	3,126.01	5	2,866.55	5	2,607.09	5	2,346.64	5	2,085.79	5	1,824.93
1/4		1/4		1/4		1/4	3,378.79	1/4	3,120.60	1/4	2,861.14	1/4	2,601.68	1/4	2,341.21	1/4	2,080.35	1/4	1,819.49
1/2		1/2		1/2		1/2	3,373.49	1/2	3,115.20	1/2	2,855.74	1/2	2,596.28	1/2	2,335.77	1/2	2,074.92	1/2	1,814.06
3/4		3/4		3/4		3/4	3,368.18	3/4	3,109.79	3/4	2,850.33	3/4	2,590.87	3/4	2,330.34	3/4	2,069.48	3/4	1,808.63
6		6		6		6	3,362.87	6	3,104.39	6	2,844.93	6	2,585.47	6	2,324.90	6	2,064.05	6	1,803.19
1/4		1/4		1/4		1/4	3,357.56	1/4	3,098.98	1/4	2,839.52	1/4	2,580.06	1/4	2,319.47	1/4	2,058.61	1/4	1,797.76
1/2		1/2		1/2		1/2	3,352.24	1/2	3,093.58	1/2	2,834.12	1/2	2,574.66	1/2	2,314.03	1/2	2,053.18	1/2	1,792.32
3/4		3/4		3/4		3/4	3,346.94	3/4	3,088.17	3/4	2,828.71	3/4	2,569.25	3/4	2,308.60	3/4	2,047.74	3/4	1,786.89
7		7		7		7	3,341.63	7	3,082.77	7	2,823.31	7	2,563.85	7	2,303.17	7	2,042.31	7	1,781.45
1/4		1/4		1/4		1/4	3,336.32	1/4	3,077.36	1/4	2,817.90	1/4	2,558.44	1/4	2,297.73	1/4	2,036.87	1/4	1,776.02
1/2		1/2		1/2		1/2	3,331.02	1/2	3,071.95	1/2	2,812.50	1/2	2,553.04	1/2	2,292.30	1/2	2,031.44	1/2	1,770.58
3/4		3/4		3/4		3/4	3,325.71	3/4	3,066.55	3/4	2,807.09	3/4	2,547.63	3/4	2,286.86	3/4	2,026.01	3/4	1,765.15
8		8		8		8	3,320.41	8	3,061.14	8	2,801.68	8	2,542.23	8	2,281.43	8	2,020.57	8	1,759.72
1/4		1/4		1/4		1/4	3,315.10	1/4	3,055.74	1/4	2,796.28	1/4	2,536.82	1/4	2,275.99	1/4	2,015.14	1/4	1,754.28
1/2		1/2		1/2		1/2	3,309.79	1/2	3,050.33	1/2	2,790.87	1/2	2,531.41	1/2	2,270.56	1/2	2,009.70	1/2	1,748.85
3/4		3/4		3/4		3/4	3,304.39	3/4	3,044.93	3/4	2,785.47	3/4	2,525.98	3/4	2,265.12	3/4	2,004.27	3/4	1,743.41
9		9		9		9	3,298.98	9	3,039.52	9	2,780.06	9	2,520.55	9	2,259.69	9	1,998.83	9	1,737.98
1/4		1/4		1/4		1/4	3,293.58	1/4	3,034.12	1/4	2,774.66	1/4	2,515.11	1/4	2,254.25	1/4	1,993.40	1/4	1,732.54
1/2		1/2		1/2		1/2	3,288.17	1/2	3,028.71	1/2	2,769.25	1/2	2,509.68	1/2	2,248.82	1/2	1,987.96	1/2	1,727.11
3/4		3/4		3/4		3/4	3,282.76	3/4	3,023.31	3/4	2,763.85	3/4	2,504.24	3/4	2,243.39	3/4	1,982.53	3/4	1,721.67
10		10		10		10	3,277.36	10	3,017.90	10	2,758.44	10	2,498.81	10	2,237.95	10	1,977.10	10	1,716.24
1/4		1/4		1/4		1/4	3,271.95	1/4	3,012.49	1/4	2,753.04	1/4	2,493.37	1/4	2,232.52	1/4	1,971.66	1/4	1,710.80
1/2		1/2		1/2		1/2	3,266.55	1/2	3,007.09	1/2	2,747.63	1/2	2,487.94	1/2	2,227.08	1/2	1,966.23	1/2	1,705.37
3/4		3/4		3/4		3/4	3,261.14	3/4	3,001.68	3/4	2,742.22	3/4	2,482.50	3/4	2,221.65	3/4	1,960.79	3/4	1,699.94
11		11		11		11	3,255.74	11	2,996.28	11	2,736.82	11	2,477.07	11	2,216.21	11	1,955.36	11	1,694.50
1/4		1/4		1/4		1/4	3,250.33	1/4	2,990.87	1/4	2,731.41	1/4	2,471.63	1/4	2,210.78	1/4	1,949.92	1/4	1,689.07
1/2		1/2		1/2		1/2	3,244.93	1/2	2,985.47	1/2	2,726.01	1/2	2,466.20	1/2	2,205.34	1/2	1,944.49	1/2	1,683.63
3/4		3/4		3/4		3/4	3,239.52	3/4	2,980.06	3/4	2,720.60	3/4	2,460.77	3/4	2,199.91	3/4	1,939.05	3/4	1,678.20

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
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BARGE "KIRBY 10109"

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	1,672.76	0	1,411.91	0	1,150.89	0	890.66	0	630.47	0	369.47	0	108.52	0		0		0	
1/4	1,667.33	1/4	1,406.47	1/4	1,145.45	1/4	885.26	1/4	625.04	1/4	364.03	1/4	103.10	1/4		1/4		1/4	
1/2	1,661.89	1/2	1,401.04	1/2	1,140.01	1/2	879.86	1/2	619.60	1/2	358.60	1/2	97.68	1/2		1/2		1/2	
3/4	1,656.46	3/4	1,395.60	3/4	1,134.58	3/4	874.46	3/4	614.16	3/4	353.16	3/4	92.28	3/4		3/4		3/4	
1	1,651.03	1	1,390.16	1	1,129.14	1	869.06	1	608.72	1	347.72	1	86.88	1		1		1	
1/4	1,645.59	1/4	1,384.72	1/4	1,123.70	1/4	863.66	1/4	603.29	1/4	342.28	1/4	81.47	1/4		1/4		1/4	
1/2	1,640.16	1/2	1,379.29	1/2	1,118.26	1/2	858.25	1/2	597.85	1/2	336.85	1/2	76.07	1/2		1/2		1/2	
3/4	1,634.72	3/4	1,373.85	3/4	1,112.82	3/4	852.85	3/4	592.41	3/4	331.41	3/4	70.69	3/4		3/4		3/4	
2	1,629.29	2	1,368.41	2	1,107.39	2	847.45	2	586.98	2	325.97	2	65.32	2		2		2	
1/4	1,623.85	1/4	1,362.97	1/4	1,101.95	1/4	842.05	1/4	581.54	1/4	320.53	1/4	59.95	1/4		1/4		1/4	
1/2	1,618.42	1/2	1,357.53	1/2	1,096.51	1/2	836.65	1/2	576.10	1/2	315.10	1/2	54.57	1/2		1/2		1/2	
3/4	1,612.98	3/4	1,352.10	3/4	1,091.07	3/4	831.25	3/4	570.66	3/4	309.66	3/4	49.24	3/4		3/4		3/4	
3	1,607.55	3	1,346.66	3	1,085.63	3	825.84	3	565.23	3	304.22	3	43.92	3		3		3	
1/4	1,602.11	1/4	1,341.22	1/4	1,080.20	1/4	820.44	1/4	559.79	1/4	298.78	1/4	38.59	1/4		1/4		1/4	
1/2	1,596.68	1/2	1,335.78	1/2	1,074.76	1/2	815.04	1/2	554.35	1/2	293.35	1/2	33.27	1/2		1/2		1/2	
3/4	1,591.25	3/4	1,330.34	3/4	1,069.32	3/4	809.64	3/4	548.91	3/4	287.91	3/4	28.75	3/4		3/4		3/4	
4	1,585.81	4	1,324.91	4	1,063.88	4	804.25	4	543.48	4	282.47	4	24.22	4		4		4	
1/4	1,580.38	1/4	1,319.47	1/4	1,058.44	1/4	798.85	1/4	538.04	1/4	277.03	1/4	19.70	1/4		1/4		1/4	
1/2	1,574.94	1/2	1,314.03	1/2	1,053.01	1/2	793.45	1/2	532.60	1/2	271.60	1/2	15.18	1/2		1/2		1/2	
3/4	1,569.51	3/4	1,308.59	3/4	1,047.57	3/4	788.02	3/4	527.16	3/4	266.16	3/4	12.46	3/4		3/4		3/4	
5	1,564.07	5	1,303.15	5	1,042.13	5	782.59	5	521.72	5	260.72	5	9.74	5		5		5	
1/4	1,558.64	1/4	1,297.72	1/4	1,036.69	1/4	777.16	1/4	516.29	1/4	255.28	1/4	7.02	1/4		1/4		1/4	
1/2	1,553.20	1/2	1,292.28	1/2	1,031.25	1/2	771.72	1/2	510.85	1/2	249.84	1/2	4.30	1/2		1/2		1/2	
3/4	1,547.77	3/4	1,286.84	3/4	1,025.82	3/4	766.29	3/4	505.41	3/4	244.41	3/4	3.39	3/4		3/4		3/4	
6	1,542.34	6	1,281.40	6	1,020.38	6	760.86	6	499.97	6	238.97	6	2.49	6		6		6	
1/4	1,536.90	1/4	1,275.96	1/4	1,014.94	1/4	755.43	1/4	494.54	1/4	233.53	1/4	1.58	1/4		1/4		1/4	
1/2	1,531.47	1/2	1,270.53	1/2	1,009.50	1/2	749.99	1/2	489.10	1/2	228.09	1/2	0.68	1/2		1/2		1/2	
3/4	1,526.03	3/4	1,265.09	3/4	1,004.10	3/4	744.56	3/4	483.66	3/4	222.66	3/4		3/4		3/4		3/4	
7	1,520.60	7	1,259.65	7	998.70	7	739.13	7	478.22	7	217.22	7		7		7		7	
1/4	1,515.16	1/4	1,254.21	1/4	993.30	1/4	733.70	1/4	472.79	1/4	211.78	1/4		1/4		1/4		1/4	
1/2	1,509.73	1/2	1,248.77	1/2	987.90	1/2	728.26	1/2	467.35	1/2	206.34	1/2		1/2		1/2		1/2	
3/4	1,504.29	3/4	1,243.34	3/4	982.49	3/4	722.83	3/4	461.91	3/4	200.91	3/4		3/4		3/4		3/4	
8	1,498.86	8	1,237.90	8	977.09	8	717.40	8	456.47	8	195.47	8		8		8		8	
1/4	1,493.42	1/4	1,232.46	1/4	971.69	1/4	711.97	1/4	451.04	1/4	190.03	1/4		1/4		1/4		1/4	
1/2	1,487.99	1/2	1,227.02	1/2	966.29	1/2	706.53	1/2	445.60	1/2	184.59	1/2		1/2		1/2		1/2	
3/4	1,482.56	3/4	1,221.58	3/4	960.89	3/4	701.10	3/4	440.16	3/4	179.16	3/4		3/4		3/4		3/4	
9	1,477.12	9	1,216.15	9	955.49	9	695.67	9	434.72	9	173.72	9		9		9		9	
1/4	1,471.69	1/4	1,210.71	1/4	950.08	1/4	690.23	1/4	429.29	1/4	168.28	1/4		1/4		1/4		1/4	
1/2	1,466.25	1/2	1,205.27	1/2	944.68	1/2	684.80	1/2	423.85	1/2	162.84	1/2		1/2		1/2		1/2	
3/4	1,460.82	3/4	1,199.83	3/4	939.28	3/4	679.37	3/4	418.41	3/4	157.41	3/4		3/4		3/4		3/4	
10	1,455.38	10	1,194.39	10	933.88	10	673.94	10	412.97	10	151.97	10		10		10		10	
1/4	1,449.95	1/4	1,188.96	1/4	928.48	1/4	668.50	1/4	407.54	1/4	146.53	1/4		1/4		1/4		1/4	
1/2	1,444.51	1/2	1,183.52	1/2	923.08	1/2	663.07	1/2	402.10	1/2	141.09	1/2		1/2		1/2		1/2	
3/4	1,439.08	3/4	1,178.08	3/4	917.67	3/4	657.64	3/4	396.66	3/4	135.66	3/4		3/4		3/4		3/4	
11	1,433.65	11	1,172.64	11	912.27	11	652.21	11	391.22	11	130.23	11		11		11		11	
1/4	1,428.21	1/4	1,167.20	1/4	906.87	1/4	646.78	1/4	385.78	1/4	124.80	1/4		1/4		1/4		1/4	
1/2	1,422.78	1/2	1,161.77	1/2	901.47	1/2	641.35	1/2	380.35	1/2	119.37	1/2		1/2		1/2		1/2	
3/4	1,417.34	3/4	1,156.33	3/4	896.07	3/4	635.91	3/4	374.91	3/4	113.95	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2014 CL
CALCULATED: 03/06/2014 CL
VERIFIED: 05/07/2024

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

PRECISION MEASUREMENT
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