



BARGE "KIRBY 10251"

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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 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
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-06"

July 3, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 10251"

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	3,768.57	0	3,547.50	0	3,294.31	0	3,041.13	0	2,780.50	0	2,484.55	0	2,187.93
1/4		1/4		1/4		1/4	3,767.54	1/4	3,542.22	1/4	3,289.04	1/4	3,035.86	1/4	2,774.34	1/4	2,478.37	1/4	2,181.75
1/2		1/2		1/2		1/2	3,766.50	1/2	3,536.95	1/2	3,283.77	1/2	3,030.58	1/2	2,768.18	1/2	2,472.19	1/2	2,175.57
3/4		3/4		3/4		3/4	3,765.47	3/4	3,531.67	3/4	3,278.49	3/4	3,025.31	3/4	2,762.02	3/4	2,466.01	3/4	2,169.39
1		1		1		1	3,764.44	1	3,526.40	1	3,273.22	1	3,020.04	1	2,755.85	1	2,459.83	1	2,163.21
1/4		1/4		1/4		1/4	3,761.33	1/4	3,521.12	1/4	3,267.94	1/4	3,014.76	1/4	2,749.69	1/4	2,453.65	1/4	2,157.03
1/2		1/2		1/2		1/2	3,758.23	1/2	3,515.85	1/2	3,262.67	1/2	3,009.49	1/2	2,743.53	1/2	2,447.47	1/2	2,150.85
3/4		3/4		3/4		3/4	3,755.13	3/4	3,510.57	3/4	3,257.39	3/4	3,004.21	3/4	2,737.37	3/4	2,441.29	3/4	2,144.67
2		2		2		2	3,752.03	2	3,505.30	2	3,252.12	2	2,998.94	2	2,731.21	2	2,435.11	2	2,138.49
1/4		1/4		1/4		1/4	3,747.87	1/4	3,500.02	1/4	3,246.84	1/4	2,993.66	1/4	2,725.05	1/4	2,428.93	1/4	2,132.31
1/2		1/2		1/2		1/2	3,743.72	1/2	3,494.75	1/2	3,241.57	1/2	2,988.39	1/2	2,718.89	1/2	2,422.75	1/2	2,126.13
3/4		3/4		3/4		3/4	3,739.56	3/4	3,489.47	3/4	3,236.29	3/4	2,983.11	3/4	2,712.73	3/4	2,416.57	3/4	2,119.95
3		3		3		3	3,735.41	3	3,484.20	3	3,231.02	3	2,977.84	3	2,706.57	3	2,410.39	3	2,113.77
1/4		1/4		1/4		1/4	3,730.27	1/4	3,478.93	1/4	3,225.74	1/4	2,972.56	1/4	2,700.41	1/4	2,404.21	1/4	2,107.59
1/2		1/2		1/2		1/2	3,725.13	1/2	3,473.65	1/2	3,220.47	1/2	2,967.29	1/2	2,694.24	1/2	2,398.03	1/2	2,101.41
3/4		3/4		3/4		3/4	3,719.99	3/4	3,468.38	3/4	3,215.20	3/4	2,962.01	3/4	2,688.08	3/4	2,391.85	3/4	2,095.23
4		4		4		4	3,714.85	4	3,463.10	4	3,209.92	4	2,956.74	4	2,681.92	4	2,385.67	4	2,089.05
1/4		1/4		1/4		1/4	3,709.67	1/4	3,457.83	1/4	3,204.65	1/4	2,951.47	1/4	2,675.76	1/4	2,379.49	1/4	2,082.87
1/2		1/2		1/2		1/2	3,704.50	1/2	3,452.55	1/2	3,199.37	1/2	2,946.19	1/2	2,669.60	1/2	2,373.31	1/2	2,076.69
3/4		3/4		3/4		3/4	3,699.32	3/4	3,447.28	3/4	3,194.10	3/4	2,940.92	3/4	2,663.44	3/4	2,367.13	3/4	2,070.51
5		5		5		5	3,694.15	5	3,442.00	5	3,188.82	5	2,935.64	5	2,657.28	5	2,360.96	5	2,064.33
1/4		1/4		1/4		1/4	3,688.96	1/4	3,436.73	1/4	3,183.55	1/4	2,930.37	1/4	2,651.12	1/4	2,354.78	1/4	2,058.15
1/2		1/2		1/2		1/2	3,683.77	1/2	3,431.45	1/2	3,178.27	1/2	2,925.09	1/2	2,644.96	1/2	2,348.60	1/2	2,051.98
3/4		3/4		3/4		3/4	3,678.58	3/4	3,426.18	3/4	3,173.00	3/4	2,919.82	3/4	2,638.80	3/4	2,342.42	3/4	2,045.80
6		6		6		6	3,673.39	6	3,420.90	6	3,167.72	6	2,914.54	6	2,632.63	6	2,336.24	6	2,039.62
1/4		1/4		1/4		1/4	3,668.20	1/4	3,415.63	1/4	3,162.45	1/4	2,909.27	1/4	2,626.47	1/4	2,330.06	1/4	2,033.44
1/2		1/2		1/2		1/2	3,663.01	1/2	3,410.36	1/2	3,157.17	1/2	2,903.99	1/2	2,620.31	1/2	2,323.88	1/2	2,027.26
3/4		3/4		3/4		3/4	3,657.83	3/4	3,405.08	3/4	3,151.90	3/4	2,898.72	3/4	2,614.15	3/4	2,317.70	3/4	2,021.08
7		7		7		7	3,652.64	7	3,399.81	7	3,146.63	7	2,893.44	7	2,607.99	7	2,311.52	7	2,014.90
1/4		1/4		1/4		1/4	3,647.45	1/4	3,394.53	1/4	3,141.35	1/4	2,888.17	1/4	2,601.83	1/4	2,305.34	1/4	2,008.72
1/2		1/2		1/2		1/2	3,642.26	1/2	3,389.26	1/2	3,136.08	1/2	2,882.90	1/2	2,595.67	1/2	2,299.16	1/2	2,002.54
3/4		3/4		3/4		3/4	3,637.08	3/4	3,383.98	3/4	3,130.80	3/4	2,877.62	3/4	2,589.51	3/4	2,292.98	3/4	1,996.36
8		8		8		8	3,631.89	8	3,378.71	8	3,125.53	8	2,872.35	8	2,583.35	8	2,286.80	8	1,990.18
1/4		1/4		1/4		1/4	3,626.61	1/4	3,373.43	1/4	3,120.25	1/4	2,867.05	1/4	2,577.19	1/4	2,280.62	1/4	1,984.00
1/2		1/2		1/2		1/2	3,621.34	1/2	3,368.16	1/2	3,114.98	1/2	2,861.75	1/2	2,571.02	1/2	2,274.44	1/2	1,977.82
3/4		3/4		3/4		3/4	3,616.06	3/4	3,362.88	3/4	3,109.70	3/4	2,856.45	3/4	2,564.86	3/4	2,268.26	3/4	1,971.64
9		9		9		9	3,610.79	9	3,357.61	9	3,104.43	9	2,851.15	9	2,558.70	9	2,262.08	9	1,965.46
1/4		1/4		1/4		1/4	3,605.52	1/4	3,352.33	1/4	3,099.15	1/4	2,845.85	1/4	2,552.52	1/4	2,255.90	1/4	1,959.28
1/2		1/2		1/2		1/2	3,600.24	1/2	3,347.06	1/2	3,093.88	1/2	2,840.55	1/2	2,546.34	1/2	2,249.72	1/2	1,953.10
3/4		3/4		3/4		3/4	3,594.97	3/4	3,341.79	3/4	3,088.60	3/4	2,835.25	3/4	2,540.16	3/4	2,243.54	3/4	1,946.92
10		10		10		10	3,589.69	10	3,336.51	10	3,083.33	10	2,829.95	10	2,533.98	10	2,237.36	10	1,940.74
1/4		1/4		1/4		1/4	3,584.42	1/4	3,331.24	1/4	3,078.06	1/4	2,823.75	1/4	2,527.80	1/4	2,231.18	1/4	1,934.56
1/2		1/2		1/2		1/2	3,579.14	1/2	3,325.96	1/2	3,072.78	1/2	2,817.55	1/2	2,521.62	1/2	2,225.00	1/2	1,928.38
3/4		3/4		3/4		3/4	3,573.87	3/4	3,320.69	3/4	3,067.51	3/4	2,811.34	3/4	2,515.45	3/4	2,218.82	3/4	1,922.20
11		11		11		11	3,568.59	11	3,315.41	11	3,062.23	11	2,805.14	11	2,509.27	11	2,212.64	11	1,916.02
1/4		1/4		1/4		1/4	3,563.32	1/4	3,310.14	1/4	3,056.96	1/4	2,798.98	1/4	2,503.09	1/4	2,206.47	1/4	1,909.84
1/2		1/2		1/2		1/2	3,558.04	1/2	3,304.86	1/2	3,051.68	1/2	2,792.82	1/2	2,496.91	1/2	2,200.29	1/2	1,903.66
3/4		3/4		3/4		3/4	3,552.77	3/4	3,299.59	3/4	3,046.41	3/4	2,786.66	3/4	2,490.73	3/4	2,194.11	3/4	1,897.49

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'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 10251"

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	1,891.31	0	1,594.45	0	1,297.42	0	1,000.38	0	709.39	0	412.23	0	115.00	0		0		0	
1/4	1,885.13	1/4	1,588.26	1/4	1,291.23	1/4	994.20	1/4	703.21	1/4	406.03	1/4	108.83	1/4	1/4	1/4		1/4	1/4
1/2	1,878.95	1/2	1,582.07	1/2	1,285.04	1/2	988.01	1/2	697.04	1/2	399.84	1/2	102.67	1/2	1/2	1/2		1/2	1/2
3/4	1,872.77	3/4	1,575.89	3/4	1,278.85	3/4	981.82	3/4	690.86	3/4	393.65	3/4	96.50	3/4	3/4	3/4		3/4	3/4
1	1,866.59	1	1,569.70	1	1,272.66	1	975.63	1	684.69	1	387.46	1	90.34	1	1	1		1	1
1/4	1,860.41	1/4	1,563.51	1/4	1,266.48	1/4	969.51	1/4	678.50	1/4	381.26	1/4	84.20	1/4	1/4	1/4		1/4	1/4
1/2	1,854.23	1/2	1,557.32	1/2	1,260.29	1/2	963.38	1/2	672.31	1/2	375.07	1/2	78.07	1/2	1/2	1/2		1/2	1/2
3/4	1,848.05	3/4	1,551.13	3/4	1,254.10	3/4	957.25	3/4	666.11	3/4	368.88	3/4	71.94	3/4	3/4	3/4		3/4	3/4
2	1,841.87	2	1,544.95	2	1,247.91	2	951.13	2	659.92	2	362.69	2	65.81	2	2	2		2	2
1/4	1,835.69	1/4	1,538.76	1/4	1,241.72	1/4	945.07	1/4	653.73	1/4	356.49	1/4	59.73	1/4	1/4	1/4		1/4	1/4
1/2	1,829.51	1/2	1,532.57	1/2	1,235.54	1/2	939.00	1/2	647.54	1/2	350.30	1/2	53.65	1/2	1/2	1/2		1/2	1/2
3/4	1,823.33	3/4	1,526.38	3/4	1,229.35	3/4	932.94	3/4	641.35	3/4	344.11	3/4	47.58	3/4	3/4	3/4		3/4	3/4
3	1,817.15	3	1,520.19	3	1,223.16	3	926.88	3	635.16	3	337.92	3	41.50	3	3	3		3	3
1/4	1,810.96	1/4	1,514.00	1/4	1,216.97	1/4	920.82	1/4	628.96	1/4	331.72	1/4	36.34	1/4	1/4	1/4		1/4	1/4
1/2	1,804.77	1/2	1,507.82	1/2	1,210.78	1/2	914.76	1/2	622.77	1/2	325.53	1/2	31.18	1/2	1/2	1/2		1/2	1/2
3/4	1,798.59	3/4	1,501.63	3/4	1,204.59	3/4	908.70	3/4	616.58	3/4	319.34	3/4	26.02	3/4	3/4	3/4		3/4	3/4
4	1,792.40	4	1,495.44	4	1,198.41	4	902.64	4	610.39	4	313.15	4	20.86	4	4	4		4	4
1/4	1,786.21	1/4	1,489.25	1/4	1,192.22	1/4	896.59	1/4	604.19	1/4	306.95	1/4	17.75	1/4	1/4	1/4		1/4	1/4
1/2	1,780.02	1/2	1,483.06	1/2	1,186.03	1/2	890.54	1/2	598.00	1/2	300.76	1/2	14.65	1/2	1/2	1/2		1/2	1/2
3/4	1,773.83	3/4	1,476.87	3/4	1,179.84	3/4	884.50	3/4	591.81	3/4	294.57	3/4	11.55	3/4	3/4	3/4		3/4	3/4
5	1,767.65	5	1,470.69	5	1,173.65	5	878.45	5	585.62	5	288.38	5	8.45	5	5	5		5	5
1/4	1,761.46	1/4	1,464.50	1/4	1,167.46	1/4	872.42	1/4	579.42	1/4	282.18	1/4	7.42	1/4	1/4	1/4		1/4	1/4
1/2	1,755.27	1/2	1,458.31	1/2	1,161.28	1/2	866.39	1/2	573.23	1/2	275.99	1/2	6.38	1/2	1/2	1/2		1/2	1/2
3/4	1,749.08	3/4	1,452.12	3/4	1,155.09	3/4	860.37	3/4	567.04	3/4	269.80	3/4	5.35	3/4	3/4	3/4		3/4	3/4
6	1,742.89	6	1,445.93	6	1,148.90	6	854.34	6	560.85	6	263.61	6	4.32	6	6	6		6	6
1/4	1,736.71	1/4	1,439.75	1/4	1,142.71	1/4	848.31	1/4	554.65	1/4	257.41	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,730.52	1/2	1,433.56	1/2	1,136.52	1/2	842.28	1/2	548.46	1/2	251.22	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,724.34	3/4	1,427.37	3/4	1,130.34	3/4	836.25	3/4	542.27	3/4	245.03	3/4		3/4	3/4	3/4		3/4	3/4
7	1,718.15	7	1,421.18	7	1,124.15	7	830.22	7	536.08	7	238.84	7		7	7	7		7	7
1/4	1,711.96	1/4	1,414.99	1/4	1,117.96	1/4	824.19	1/4	529.88	1/4	232.64	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,705.78	1/2	1,408.80	1/2	1,111.77	1/2	818.16	1/2	523.69	1/2	226.45	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,699.59	3/4	1,402.62	3/4	1,105.58	3/4	812.13	3/4	517.50	3/4	220.26	3/4		3/4	3/4	3/4		3/4	3/4
8	1,693.41	8	1,396.43	8	1,099.39	8	806.10	8	511.31	8	214.07	8		8	8	8		8	8
1/4	1,687.22	1/4	1,390.24	1/4	1,093.21	1/4	800.08	1/4	505.11	1/4	207.87	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,681.04	1/2	1,384.05	1/2	1,087.02	1/2	794.05	1/2	498.92	1/2	201.68	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,674.85	3/4	1,377.86	3/4	1,080.83	3/4	788.02	3/4	492.73	3/4	195.49	3/4		3/4	3/4	3/4		3/4	3/4
9	1,668.67	9	1,371.68	9	1,074.64	9	781.99	9	486.54	9	189.30	9		9	9	9		9	9
1/4	1,662.48	1/4	1,365.49	1/4	1,068.45	1/4	775.96	1/4	480.34	1/4	183.10	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,656.30	1/2	1,359.30	1/2	1,062.27	1/2	769.93	1/2	474.15	1/2	176.91	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,650.11	3/4	1,353.11	3/4	1,056.08	3/4	763.90	3/4	467.96	3/4	170.72	3/4		3/4	3/4	3/4		3/4	3/4
10	1,643.93	10	1,346.92	10	1,049.89	10	757.87	10	461.77	10	164.53	10		10	10	10		10	10
1/4	1,637.74	1/4	1,340.73	1/4	1,043.70	1/4	751.84	1/4	455.57	1/4	158.33	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,631.56	1/2	1,334.55	1/2	1,037.51	1/2	745.81	1/2	449.38	1/2	152.13	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,625.38	3/4	1,328.36	3/4	1,031.32	3/4	739.79	3/4	443.19	3/4	145.93	3/4		3/4	3/4	3/4		3/4	3/4
11	1,619.19	11	1,322.17	11	1,025.14	11	733.76	11	437.00	11	139.74	11		11	11	11		11	11
1/4	1,613.01	1/4	1,315.98	1/4	1,018.95	1/4	727.66	1/4	430.80	1/4	133.55	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,606.82	1/2	1,309.79	1/2	1,012.76	1/2	721.57	1/2	424.61	1/2	127.37	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,600.64	3/4	1,303.61	3/4	1,006.57	3/4	715.48	3/4	418.42	3/4	121.18	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/2013 CL
CALCULATED: 06/11/2013 CL
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 10251"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	3,279.62	0	3,017.48	0	2,755.33	0	2,492.86	0	2,229.30	0	1,965.75		
1/4		1/4		1/4		1/4		1/4	3,274.16	1/4	3,012.01	1/4	2,749.87	1/4	2,487.37	1/4	2,223.81	1/4	1,960.26		
1/2		1/2		1/2		1/2		1/2	3,268.70	1/2	3,006.55	1/2	2,744.41	1/2	2,481.88	1/2	2,218.32	1/2	1,954.77		
3/4		3/4		3/4		3/4		3/4	3,263.24	3/4	3,001.09	3/4	2,738.94	3/4	2,476.39	3/4	2,212.83	3/4	1,949.28		
1		1		1		1		1	3,257.78	1	2,995.63	1	2,733.48	1	2,470.90	1	2,207.34	1	1,943.79		
1/4		1/4		1/4		1/4		1/4	3,479.20	1/4	3,252.32	1/4	2,990.17	1/4	2,728.02	1/4	2,465.40	1/4	2,201.85	1/4	1,938.30
1/2		1/2		1/2		1/2		1/2	3,478.28	1/2	3,246.85	1/2	2,984.71	1/2	2,722.56	1/2	2,459.91	1/2	2,196.36	1/2	1,932.81
3/4		3/4		3/4		3/4		3/4	3,477.36	3/4	3,241.39	3/4	2,979.25	3/4	2,717.10	3/4	2,454.42	3/4	2,190.87	3/4	1,927.32
2		2		2		2		2	3,476.45	2	3,235.93	2	2,973.78	2	2,711.64	2	2,448.93	2	2,185.38	2	1,921.83
1/4		1/4		1/4		1/4		1/4	3,475.53	1/4	3,230.47	1/4	2,968.32	1/4	2,706.18	1/4	2,443.44	1/4	2,179.89	1/4	1,916.33
1/2		1/2		1/2		1/2		1/2	3,472.79	1/2	3,225.01	1/2	2,962.86	1/2	2,700.71	1/2	2,437.95	1/2	2,174.40	1/2	1,910.84
3/4		3/4		3/4		3/4		3/4	3,470.04	3/4	3,219.55	3/4	2,957.40	3/4	2,695.25	3/4	2,432.46	3/4	2,168.91	3/4	1,905.35
3		3		3		3		3	3,467.29	3	3,214.09	3	2,951.94	3	2,689.79	3	2,426.97	3	2,163.42	3	1,899.86
1/4		1/4		1/4		1/4		1/4	3,464.55	1/4	3,208.62	1/4	2,946.48	1/4	2,684.33	1/4	2,421.48	1/4	2,157.93	1/4	1,894.37
1/2		1/2		1/2		1/2		1/2	3,460.10	1/2	3,203.16	1/2	2,941.02	1/2	2,678.87	1/2	2,415.99	1/2	2,152.44	1/2	1,888.88
3/4		3/4		3/4		3/4		3/4	3,455.65	3/4	3,197.70	3/4	2,935.55	3/4	2,673.41	3/4	2,410.50	3/4	2,146.94	3/4	1,883.39
4		4		4		4		4	3,451.20	4	3,192.24	4	2,930.09	4	2,667.95	4	2,405.01	4	2,141.45	4	1,877.90
1/4		1/4		1/4		1/4		1/4	3,446.75	1/4	3,186.78	1/4	2,924.63	1/4	2,662.48	1/4	2,399.52	1/4	2,135.96	1/4	1,872.41
1/2		1/2		1/2		1/2		1/2	3,441.43	1/2	3,181.32	1/2	2,919.17	1/2	2,657.02	1/2	2,394.03	1/2	2,130.47	1/2	1,866.92
3/4		3/4		3/4		3/4		3/4	3,436.11	3/4	3,175.86	3/4	2,913.71	3/4	2,651.56	3/4	2,388.54	3/4	2,124.98	3/4	1,861.43
5		5		5		5		5	3,430.79	5	3,170.39	5	2,908.25	5	2,646.10	5	2,383.04	5	2,119.49	5	1,855.94
1/4		1/4		1/4		1/4		1/4	3,425.46	1/4	3,164.93	1/4	2,902.79	1/4	2,640.64	1/4	2,377.55	1/4	2,114.00	1/4	1,850.45
1/2		1/2		1/2		1/2		1/2	3,420.11	1/2	3,159.47	1/2	2,897.32	1/2	2,635.18	1/2	2,372.06	1/2	2,108.51	1/2	1,844.96
3/4		3/4		3/4		3/4		3/4	3,414.76	3/4	3,154.01	3/4	2,891.86	3/4	2,629.72	3/4	2,366.57	3/4	2,103.02	3/4	1,839.47
6		6		6		6		6	3,409.40	6	3,148.55	6	2,886.40	6	2,624.25	6	2,361.08	6	2,097.53	6	1,833.97
1/4		1/4		1/4		1/4		1/4	3,404.05	1/4	3,143.09	1/4	2,880.94	1/4	2,618.79	1/4	2,355.59	1/4	2,092.04	1/4	1,828.48
1/2		1/2		1/2		1/2		1/2	3,398.69	1/2	3,137.63	1/2	2,875.48	1/2	2,613.33	1/2	2,350.10	1/2	2,086.55	1/2	1,822.99
3/4		3/4		3/4		3/4		3/4	3,393.32	3/4	3,132.16	3/4	2,870.02	3/4	2,607.87	3/4	2,344.61	3/4	2,081.06	3/4	1,817.50
7		7		7		7		7	3,387.96	7	3,126.70	7	2,864.56	7	2,602.41	7	2,339.12	7	2,075.57	7	1,812.01
1/4		1/4		1/4		1/4		1/4	3,382.59	1/4	3,121.24	1/4	2,859.09	1/4	2,596.95	1/4	2,333.63	1/4	2,070.07	1/4	1,806.52
1/2		1/2		1/2		1/2		1/2	3,377.23	1/2	3,115.78	1/2	2,853.63	1/2	2,591.49	1/2	2,328.14	1/2	2,064.58	1/2	1,801.03
3/4		3/4		3/4		3/4		3/4	3,371.87	3/4	3,110.32	3/4	2,848.17	3/4	2,586.02	3/4	2,322.65	3/4	2,059.09	3/4	1,795.54
8		8		8		8		8	3,366.51	8	3,104.86	8	2,842.71	8	2,580.56	8	2,317.16	8	2,053.60	8	1,790.05
1/4		1/4		1/4		1/4		1/4	3,361.14	1/4	3,099.40	1/4	2,837.25	1/4	2,575.10	1/4	2,311.67	1/4	2,048.11	1/4	1,784.56
1/2		1/2		1/2		1/2		1/2	3,355.78	1/2	3,093.93	1/2	2,831.79	1/2	2,569.64	1/2	2,306.17	1/2	2,042.62	1/2	1,779.07
3/4		3/4		3/4		3/4		3/4	3,350.42	3/4	3,088.47	3/4	2,826.33	3/4	2,564.18	3/4	2,300.68	3/4	2,037.13	3/4	1,773.58
9		9		9		9		9	3,345.06	9	3,083.01	9	2,820.86	9	2,558.72	9	2,295.19	9	2,031.64	9	1,768.09
1/4		1/4		1/4		1/4		1/4	3,339.70	1/4	3,077.55	1/4	2,815.40	1/4	2,553.26	1/4	2,289.70	1/4	2,026.15	1/4	1,762.60
1/2		1/2		1/2		1/2		1/2	3,334.24	1/2	3,072.09	1/2	2,809.94	1/2	2,547.77	1/2	2,284.21	1/2	2,020.66	1/2	1,757.10
3/4		3/4		3/4		3/4		3/4	3,328.78	3/4	3,066.63	3/4	2,804.48	3/4	2,542.27	3/4	2,278.72	3/4	2,015.17	3/4	1,751.61
10		10		10		10		10	3,323.31	10	3,061.17	10	2,799.02	10	2,536.78	10	2,273.23	10	2,009.68	10	1,746.12
1/4		1/4		1/4		1/4		1/4	3,317.85	1/4	3,055.70	1/4	2,793.56	1/4	2,531.29	1/4	2,267.74	1/4	2,004.19	1/4	1,740.63
1/2		1/2		1/2		1/2		1/2	3,312.39	1/2	3,050.24	1/2	2,788.10	1/2	2,525.80	1/2	2,262.25	1/2	1,998.70	1/2	1,735.14
3/4		3/4		3/4		3/4		3/4	3,306.93	3/4	3,044.78	3/4	2,782.63	3/4	2,520.31	3/4	2,256.76	3/4	1,993.20	3/4	1,729.65
11		11		11		11		11	3,301.47	11	3,039.32	11	2,777.17	11	2,514.82	11	2,251.27	11	1,987.71	11	1,724.16
1/4		1/4		1/4		1/4		1/4	3,296.01	1/4	3,033.86	1/4	2,771.71	1/4	2,509.33	1/4	2,245.78	1/4	1,982.22	1/4	1,718.67
1/2		1/2		1/2		1/2		1/2	3,290.55	1/2	3,028.40	1/2	2,766.25	1/2	2,503.84	1/2	2,240.29	1/2	1,976.73	1/2	1,713.18
3/4		3/4		3/4		3/4		3/4	3,285.08	3/4	3,022.94	3/4	2,760.79	3/4	2,498.35	3/4	2,234.80	3/4	1,971.24	3/4	1,707.69

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

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 10251"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	1,702.20	0	1,438.64	0	1,174.94	0	912.67	0	653.20	0	389.76	0	126.08	0		0		0	
1/4	1,696.71	1/4	1,433.15	1/4	1,169.45	1/4	907.26	1/4	647.79	1/4	384.27	1/4	120.59	1/4	1/4	1/4		1/4	1/4
1/2	1,691.22	1/2	1,427.66	1/2	1,163.96	1/2	901.85	1/2	642.34	1/2	378.77	1/2	115.12	1/2	1/2	1/2		1/2	1/2
3/4	1,685.73	3/4	1,422.17	3/4	1,158.46	3/4	896.44	3/4	636.89	3/4	373.28	3/4	109.64	3/4	3/4	3/4		3/4	3/4
1	1,680.23	1	1,416.68	1	1,152.97	1	891.03	1	631.44	1	367.79	1	104.16	1	1	1		1	1
1/4	1,674.74	1/4	1,411.19	1/4	1,147.47	1/4	885.62	1/4	625.99	1/4	362.29	1/4	98.69	1/4	1/4	1/4		1/4	1/4
1/2	1,669.25	1/2	1,405.70	1/2	1,141.98	1/2	880.21	1/2	620.50	1/2	356.80	1/2	93.23	1/2	1/2	1/2		1/2	1/2
3/4	1,663.76	3/4	1,400.20	3/4	1,136.49	3/4	874.81	3/4	615.00	3/4	351.31	3/4	87.77	3/4	3/4	3/4		3/4	3/4
2	1,658.27	2	1,394.71	2	1,130.99	2	869.40	2	609.51	2	345.81	2	82.31	2	2	2		2	2
1/4	1,652.78	1/4	1,389.21	1/4	1,125.50	1/4	863.99	1/4	604.02	1/4	340.32	1/4	76.85	1/4	1/4	1/4		1/4	1/4
1/2	1,647.29	1/2	1,383.72	1/2	1,120.00	1/2	858.58	1/2	598.52	1/2	334.82	1/2	71.42	1/2	1/2	1/2		1/2	1/2
3/4	1,641.80	3/4	1,378.23	3/4	1,114.51	3/4	853.17	3/4	593.03	3/4	329.33	3/4	65.99	3/4	3/4	3/4		3/4	3/4
3	1,636.31	3	1,372.73	3	1,109.02	3	847.76	3	587.53	3	323.84	3	60.56	3	3	3		3	3
1/4	1,630.82	1/4	1,367.24	1/4	1,103.52	1/4	842.35	1/4	582.04	1/4	318.34	1/4	55.13	1/4	1/4	1/4		1/4	1/4
1/2	1,625.33	1/2	1,361.74	1/2	1,098.03	1/2	836.94	1/2	576.55	1/2	312.85	1/2	49.75	1/2	1/2	1/2		1/2	1/2
3/4	1,619.84	3/4	1,356.25	3/4	1,092.53	3/4	831.53	3/4	571.05	3/4	307.36	3/4	44.37	3/4	3/4	3/4		3/4	3/4
4	1,614.35	4	1,350.76	4	1,087.04	4	826.12	4	565.56	4	301.86	4	38.99	4	4	4		4	4
1/4	1,608.86	1/4	1,345.26	1/4	1,081.54	1/4	820.71	1/4	560.07	1/4	296.37	1/4	33.61	1/4	1/4	1/4		1/4	1/4
1/2	1,603.37	1/2	1,339.77	1/2	1,076.05	1/2	815.31	1/2	554.57	1/2	290.87	1/2	29.04	1/2	1/2	1/2		1/2	1/2
3/4	1,597.87	3/4	1,334.27	3/4	1,070.56	3/4	809.91	3/4	549.08	3/4	285.38	3/4	24.47	3/4	3/4	3/4		3/4	3/4
5	1,592.38	5	1,328.78	5	1,065.06	5	804.50	5	543.58	5	279.89	5	19.90	5	5	5		5	5
1/4	1,586.89	1/4	1,323.28	1/4	1,059.57	1/4	799.10	1/4	538.09	1/4	274.39	1/4	15.33	1/4	1/4	1/4		1/4	1/4
1/2	1,581.40	1/2	1,317.79	1/2	1,054.07	1/2	793.69	1/2	532.60	1/2	268.90	1/2	12.58	1/2	1/2	1/2		1/2	1/2
3/4	1,575.91	3/4	1,312.30	3/4	1,048.58	3/4	788.29	3/4	527.10	3/4	263.41	3/4	9.83	3/4	3/4	3/4		3/4	3/4
6	1,570.42	6	1,306.80	6	1,043.09	6	782.89	6	521.61	6	257.91	6	7.09	6	6	6		6	6
1/4	1,564.93	1/4	1,301.31	1/4	1,037.59	1/4	777.48	1/4	516.12	1/4	252.42	1/4	4.34	1/4	1/4	1/4		1/4	1/4
1/2	1,559.44	1/2	1,295.81	1/2	1,032.10	1/2	772.08	1/2	510.62	1/2	246.92	1/2	3.43	1/2	1/2	1/2		1/2	1/2
3/4	1,553.95	3/4	1,290.32	3/4	1,026.60	3/4	766.67	3/4	505.13	3/4	241.43	3/4	2.51	3/4	3/4	3/4		3/4	3/4
7	1,548.46	7	1,284.83	7	1,021.11	7	761.27	7	499.64	7	235.94	7	1.59	7	7	7		7	7
1/4	1,542.97	1/4	1,279.33	1/4	1,015.62	1/4	755.87	1/4	494.14	1/4	230.44	1/4	0.68	1/4	1/4	1/4		1/4	1/4
1/2	1,537.48	1/2	1,273.84	1/2	1,010.16	1/2	750.46	1/2	488.65	1/2	224.95	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,531.99	3/4	1,268.34	3/4	1,004.71	3/4	745.06	3/4	483.15	3/4	219.46	3/4		3/4	3/4	3/4		3/4	3/4
8	1,526.50	8	1,262.85	8	999.26	8	739.66	8	477.66	8	213.96	8		8	8	8		8	8
1/4	1,521.00	1/4	1,257.36	1/4	993.81	1/4	734.25	1/4	472.17	1/4	208.47	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,515.51	1/2	1,251.86	1/2	988.40	1/2	728.85	1/2	466.67	1/2	202.98	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,510.02	3/4	1,246.37	3/4	982.99	3/4	723.44	3/4	461.18	3/4	197.48	3/4		3/4	3/4	3/4		3/4	3/4
9	1,504.53	9	1,240.87	9	977.58	9	718.04	9	455.69	9	191.99	9		9	9	9		9	9
1/4	1,499.04	1/4	1,235.38	1/4	972.17	1/4	712.64	1/4	450.19	1/4	186.49	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,493.55	1/2	1,229.89	1/2	966.76	1/2	707.23	1/2	444.70	1/2	181.00	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,488.06	3/4	1,224.39	3/4	961.35	3/4	701.83	3/4	439.20	3/4	175.51	3/4		3/4	3/4	3/4		3/4	3/4
10	1,482.57	10	1,218.90	10	955.94	10	696.42	10	433.71	10	170.01	10		10	10	10		10	10
1/4	1,477.08	1/4	1,213.40	1/4	950.53	1/4	691.02	1/4	428.22	1/4	164.52	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,471.59	1/2	1,207.91	1/2	945.13	1/2	685.62	1/2	422.72	1/2	159.03	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,466.10	3/4	1,202.41	3/4	939.72	3/4	680.21	3/4	417.23	3/4	153.53	3/4		3/4	3/4	3/4		3/4	3/4
11	1,460.61	11	1,196.92	11	934.31	11	674.81	11	411.74	11	148.04	11		11	11	11		11	11
1/4	1,455.12	1/4	1,191.43	1/4	928.90	1/4	669.40	1/4	406.24	1/4	142.55	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,449.63	1/2	1,185.93	1/2	923.49	1/2	664.00	1/2	400.75	1/2	137.06	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,444.13	3/4	1,180.44	3/4	918.08	3/4	658.60	3/4	395.25	3/4	131.57	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/2013 CL
CALCULATED: 06/11/2013 CL
VERIFIED: 0703/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "KIRBY 10251"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

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	3,239.33	0	2,979.45	0	2,719.58	0	2,459.29	0	2,198.01	0	1,936.73		
1/4		1/4		1/4		1/4		1/4	3,233.91	1/4	2,974.04	1/4	2,714.16	1/4	2,453.85	1/4	2,192.57	1/4	1,931.29		
1/2		1/2		1/2		1/2		1/2	3,453.41	1/2	3,228.50	1/2	2,968.62	1/2	2,708.75	1/2	2,448.40	1/2	2,187.12	1/2	1,925.85
3/4		3/4		3/4		3/4		3/4	3,452.50	3/4	3,223.09	3/4	2,963.21	3/4	2,703.33	3/4	2,442.96	3/4	2,181.68	3/4	1,920.40
1		1		1		1		1	3,451.60	1	3,217.67	1	2,957.80	1	2,697.92	1	2,437.52	1	2,176.24	1	1,914.96
1/4		1/4		1/4		1/4		1/4	3,450.69	1/4	3,212.26	1/4	2,952.38	1/4	2,692.50	1/4	2,432.07	1/4	2,170.79	1/4	1,909.52
1/2		1/2		1/2		1/2		1/2	3,449.78	1/2	3,206.84	1/2	2,946.97	1/2	2,687.09	1/2	2,426.63	1/2	2,165.35	1/2	1,904.07
3/4		3/4		3/4		3/4		3/4	3,447.06	3/4	3,201.43	3/4	2,941.55	3/4	2,681.68	3/4	2,421.19	3/4	2,159.91	3/4	1,898.63
2		2		2		2		2	3,444.33	2	3,196.02	2	2,936.14	2	2,676.26	2	2,415.74	2	2,154.46	2	1,893.19
1/4		1/4		1/4		1/4		1/4	3,441.61	1/4	3,190.60	1/4	2,930.73	1/4	2,670.85	1/4	2,410.30	1/4	2,149.02	1/4	1,887.74
1/2		1/2		1/2		1/2		1/2	3,438.89	1/2	3,185.19	1/2	2,925.31	1/2	2,665.43	1/2	2,404.86	1/2	2,143.58	1/2	1,882.30
3/4		3/4		3/4		3/4		3/4	3,434.48	3/4	3,179.77	3/4	2,919.90	3/4	2,660.02	3/4	2,399.41	3/4	2,138.13	3/4	1,876.86
3		3		3		3		3	3,430.07	3	3,174.36	3	2,914.48	3	2,654.61	3	2,393.97	3	2,132.69	3	1,871.41
1/4		1/4		1/4		1/4		1/4	3,425.66	1/4	3,168.95	1/4	2,909.07	1/4	2,649.19	1/4	2,388.53	1/4	2,127.25	1/4	1,865.97
1/2		1/2		1/2		1/2		1/2	3,421.25	1/2	3,163.53	1/2	2,903.65	1/2	2,643.78	1/2	2,383.08	1/2	2,121.81	1/2	1,860.53
3/4		3/4		3/4		3/4		3/4	3,415.97	3/4	3,158.12	3/4	2,898.24	3/4	2,638.36	3/4	2,377.64	3/4	2,116.36	3/4	1,855.08
4		4		4		4		4	3,410.70	4	3,152.70	4	2,892.83	4	2,632.95	4	2,372.20	4	2,110.92	4	1,849.64
1/4		1/4		1/4		1/4		1/4	3,405.42	1/4	3,147.29	1/4	2,887.41	1/4	2,627.54	1/4	2,366.75	1/4	2,105.48	1/4	1,844.20
1/2		1/2		1/2		1/2		1/2	3,400.15	1/2	3,141.88	1/2	2,882.00	1/2	2,622.12	1/2	2,361.31	1/2	2,100.03	1/2	1,838.75
3/4		3/4		3/4		3/4		3/4	3,394.84	3/4	3,136.46	3/4	2,876.58	3/4	2,616.71	3/4	2,355.87	3/4	2,094.59	3/4	1,833.31
5		5		5		5		5	3,389.54	5	3,131.05	5	2,871.17	5	2,611.29	5	2,350.42	5	2,089.15	5	1,827.87
1/4		1/4		1/4		1/4		1/4	3,384.23	1/4	3,125.63	1/4	2,865.76	1/4	2,605.88	1/4	2,344.98	1/4	2,083.70	1/4	1,822.42
1/2		1/2		1/2		1/2		1/2	3,378.92	1/2	3,120.22	1/2	2,860.34	1/2	2,600.47	1/2	2,339.54	1/2	2,078.26	1/2	1,816.98
3/4		3/4		3/4		3/4		3/4	3,373.60	3/4	3,114.80	3/4	2,854.93	3/4	2,595.05	3/4	2,334.09	3/4	2,072.82	3/4	1,811.54
6		6		6		6		6	3,368.28	6	3,109.39	6	2,849.51	6	2,589.64	6	2,328.65	6	2,067.37	6	1,806.09
1/4		1/4		1/4		1/4		1/4	3,362.96	1/4	3,103.98	1/4	2,844.10	1/4	2,584.22	1/4	2,323.21	1/4	2,061.93	1/4	1,800.65
1/2		1/2		1/2		1/2		1/2	3,357.64	1/2	3,098.56	1/2	2,838.69	1/2	2,578.81	1/2	2,317.76	1/2	2,056.49	1/2	1,795.21
3/4		3/4		3/4		3/4		3/4	3,352.32	3/4	3,093.15	3/4	2,833.27	3/4	2,573.39	3/4	2,312.32	3/4	2,051.04	3/4	1,789.76
7		7		7		7		7	3,347.01	7	3,087.73	7	2,827.86	7	2,567.98	7	2,306.88	7	2,045.60	7	1,784.32
1/4		1/4		1/4		1/4		1/4	3,341.70	1/4	3,082.32	1/4	2,822.44	1/4	2,562.57	1/4	2,301.43	1/4	2,040.16	1/4	1,778.88
1/2		1/2		1/2		1/2		1/2	3,336.38	1/2	3,076.91	1/2	2,817.03	1/2	2,557.15	1/2	2,295.99	1/2	2,034.71	1/2	1,773.43
3/4		3/4		3/4		3/4		3/4	3,331.07	3/4	3,071.49	3/4	2,811.61	3/4	2,551.74	3/4	2,290.55	3/4	2,029.27	3/4	1,767.99
8		8		8		8		8	3,325.75	8	3,066.08	8	2,806.20	8	2,546.32	8	2,285.10	8	2,023.83	8	1,762.55
1/4		1/4		1/4		1/4		1/4	3,320.44	1/4	3,060.66	1/4	2,800.79	1/4	2,540.91	1/4	2,279.66	1/4	2,018.38	1/4	1,757.10
1/2		1/2		1/2		1/2		1/2	3,315.13	1/2	3,055.25	1/2	2,795.37	1/2	2,535.50	1/2	2,274.22	1/2	2,012.94	1/2	1,751.66
3/4		3/4		3/4		3/4		3/4	3,309.71	3/4	3,049.84	3/4	2,789.96	3/4	2,530.05	3/4	2,268.77	3/4	2,007.50	3/4	1,746.22
9		9		9		9		9	3,304.30	9	3,044.42	9	2,784.54	9	2,524.61	9	2,263.33	9	2,002.05	9	1,740.77
1/4		1/4		1/4		1/4		1/4	3,298.88	1/4	3,039.01	1/4	2,779.13	1/4	2,519.17	1/4	2,257.89	1/4	1,996.61	1/4	1,735.33
1/2		1/2		1/2		1/2		1/2	3,293.47	1/2	3,033.59	1/2	2,773.72	1/2	2,513.72	1/2	2,252.44	1/2	1,991.17	1/2	1,729.89
3/4		3/4		3/4		3/4		3/4	3,288.06	3/4	3,028.18	3/4	2,768.30	3/4	2,508.28	3/4	2,247.00	3/4	1,985.72	3/4	1,724.44
10		10		10		10		10	3,282.64	10	3,022.76	10	2,762.89	10	2,502.84	10	2,241.56	10	1,980.28	10	1,719.00
1/4		1/4		1/4		1/4		1/4	3,277.23	1/4	3,017.35	1/4	2,757.47	1/4	2,497.39	1/4	2,236.11	1/4	1,974.84	1/4	1,713.56
1/2		1/2		1/2		1/2		1/2	3,271.81	1/2	3,011.94	1/2	2,752.06	1/2	2,491.95	1/2	2,230.67	1/2	1,969.39	1/2	1,708.11
3/4		3/4		3/4		3/4		3/4	3,266.40	3/4	3,006.52	3/4	2,746.65	3/4	2,486.51	3/4	2,225.23	3/4	1,963.95	3/4	1,702.67
11		11		11		11		11	3,260.99	11	3,001.11	11	2,741.23	11	2,481.06	11	2,219.78	11	1,958.51	11	1,697.23
1/4		1/4		1/4		1/4		1/4	3,255.57	1/4	2,995.69	1/4	2,735.82	1/4	2,475.62	1/4	2,214.34	1/4	1,953.06	1/4	1,691.78
1/2		1/2		1/2		1/2		1/2	3,250.16	1/2	2,990.28	1/2	2,730.40	1/2	2,470.18	1/2	2,208.90	1/2	1,947.62	1/2	1,686.34
3/4		3/4		3/4		3/4		3/4	3,244.74	3/4	2,984.87	3/4	2,724.99	3/4	2,464.73	3/4	2,203.45	3/4	1,942.18	3/4	1,680.90

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

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 10251"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,670.01	1/4	1,408.73	1/4	1,147.29	1/4	886.69	1/4	626.04	1/4	364.62	1/4	103.27	1/4		1/4		1/4		1/4	
1/2	1,664.57	1/2	1,403.29	1/2	1,141.85	1/2	881.28	1/2	620.59	1/2	359.17	1/2	97.84	1/2		1/2		1/2		1/2	
3/4	1,659.12	3/4	1,397.84	3/4	1,136.40	3/4	875.87	3/4	615.15	3/4	353.73	3/4	92.43	3/4		3/4		3/4		3/4	
1	1,653.68	1	1,392.40	1	1,130.95	1	870.46	1	609.70	1	348.28	1	87.02	1		1		1		1	
1/4	1,648.24	1/4	1,386.95	1/4	1,125.51	1/4	865.05	1/4	604.26	1/4	342.83	1/4	81.60	1/4		1/4		1/4		1/4	
1/2	1,642.79	1/2	1,381.50	1/2	1,120.06	1/2	859.64	1/2	598.81	1/2	337.39	1/2	76.19	1/2		1/2		1/2		1/2	
3/4	1,637.35	3/4	1,376.06	3/4	1,114.61	3/4	854.23	3/4	593.36	3/4	331.94	3/4	70.81	3/4		3/4		3/4		3/4	
2	1,631.91	2	1,370.61	2	1,109.17	2	848.82	2	587.92	2	326.49	2	65.43	2		2		2		2	
1/4	1,626.46	1/4	1,365.16	1/4	1,103.72	1/4	843.40	1/4	582.47	1/4	321.05	1/4	60.04	1/4		1/4		1/4		1/4	
1/2	1,621.02	1/2	1,359.72	1/2	1,098.27	1/2	837.99	1/2	577.02	1/2	315.60	1/2	54.66	1/2		1/2		1/2		1/2	
3/4	1,615.58	3/4	1,354.27	3/4	1,092.83	3/4	832.58	3/4	571.58	3/4	310.16	3/4	49.32	3/4		3/4		3/4		3/4	
3	1,610.13	3	1,348.82	3	1,087.38	3	827.17	3	566.13	3	304.71	3	43.99	3		3		3		3	
1/4	1,604.69	1/4	1,343.38	1/4	1,081.93	1/4	821.76	1/4	560.69	1/4	299.26	1/4	38.66	1/4		1/4		1/4		1/4	
1/2	1,599.25	1/2	1,337.93	1/2	1,076.49	1/2	816.35	1/2	555.24	1/2	293.82	1/2	33.32	1/2		1/2		1/2		1/2	
3/4	1,593.80	3/4	1,332.48	3/4	1,071.04	3/4	810.95	3/4	549.79	3/4	288.37	3/4	28.79	3/4		3/4		3/4		3/4	
4	1,588.36	4	1,327.04	4	1,065.59	4	805.54	4	544.35	4	282.92	4	24.26	4		4		4		4	
1/4	1,582.92	1/4	1,321.59	1/4	1,060.15	1/4	800.14	1/4	538.90	1/4	277.48	1/4	19.73	1/4		1/4		1/4		1/4	
1/2	1,577.48	1/2	1,316.14	1/2	1,054.70	1/2	794.73	1/2	533.45	1/2	272.03	1/2	15.20	1/2		1/2		1/2		1/2	
3/4	1,572.03	3/4	1,310.70	3/4	1,049.25	3/4	789.29	3/4	528.01	3/4	266.59	3/4	12.48	3/4		3/4		3/4		3/4	
5	1,566.59	5	1,305.25	5	1,043.81	5	783.85	5	522.56	5	261.14	5	9.75	5		5		5		5	
1/4	1,561.15	1/4	1,299.80	1/4	1,038.36	1/4	778.41	1/4	517.11	1/4	255.69	1/4	7.03	1/4		1/4		1/4		1/4	
1/2	1,555.70	1/2	1,294.36	1/2	1,032.91	1/2	772.97	1/2	511.67	1/2	250.25	1/2	4.31	1/2		1/2		1/2		1/2	
3/4	1,550.26	3/4	1,288.91	3/4	1,027.47	3/4	767.53	3/4	506.22	3/4	244.80	3/4	3.40	3/4		3/4		3/4		3/4	
6	1,544.82	6	1,283.46	6	1,022.02	6	762.08	6	500.78	6	239.35	6	2.49	6		6		6		6	
1/4	1,539.37	1/4	1,278.02	1/4	1,016.57	1/4	756.64	1/4	495.33	1/4	233.91	1/4	1.59	1/4		1/4		1/4		1/4	
1/2	1,533.93	1/2	1,272.57	1/2	1,011.13	1/2	751.20	1/2	489.88	1/2	228.46	1/2	0.68	1/2		1/2		1/2		1/2	
3/4	1,528.49	3/4	1,267.12	3/4	1,005.72	3/4	745.76	3/4	484.44	3/4	223.01	3/4		3/4		3/4		3/4		3/4	
7	1,523.04	7	1,261.68	7	1,000.31	7	740.32	7	478.99	7	217.57	7		7		7		7		7	
1/4	1,517.60	1/4	1,256.23	1/4	994.90	1/4	734.88	1/4	473.54	1/4	212.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,512.16	1/2	1,250.78	1/2	989.49	1/2	729.44	1/2	468.10	1/2	206.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,506.71	3/4	1,245.34	3/4	984.08	3/4	723.99	3/4	462.65	3/4	201.23	3/4		3/4		3/4		3/4		3/4	
8	1,501.27	8	1,239.89	8	978.66	8	718.55	8	457.21	8	195.78	8		8		8		8		8	
1/4	1,495.83	1/4	1,234.44	1/4	973.25	1/4	713.11	1/4	451.76	1/4	190.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,490.38	1/2	1,229.00	1/2	967.84	1/2	707.67	1/2	446.31	1/2	184.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,484.94	3/4	1,223.55	3/4	962.43	3/4	702.23	3/4	440.87	3/4	179.44	3/4		3/4		3/4		3/4		3/4	
9	1,479.50	9	1,218.10	9	957.02	9	696.79	9	435.42	9	174.00	9		9		9		9		9	
1/4	1,474.05	1/4	1,212.65	1/4	951.61	1/4	691.35	1/4	429.97	1/4	168.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,468.61	1/2	1,207.21	1/2	946.20	1/2	685.90	1/2	424.53	1/2	163.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,463.17	3/4	1,201.76	3/4	940.79	3/4	680.46	3/4	419.08	3/4	157.66	3/4		3/4		3/4		3/4		3/4	
10	1,457.72	10	1,196.31	10	935.38	10	675.02	10	413.64	10	152.21	10		10		10		10		10	
1/4	1,452.28	1/4	1,190.87	1/4	929.97	1/4	669.58	1/4	408.19	1/4	146.77	1/4		1/4		1/4		1/4		1/4	
1/2	1,446.84	1/2	1,185.42	1/2	924.56	1/2	664.14	1/2	402.74	1/2	141.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,441.39	3/4	1,179.97	3/4	919.15	3/4	658.70	3/4	397.30	3/4	135.88	3/4		3/4		3/4		3/4		3/4	
11	1,435.95	11	1,174.53	11	913.74	11	653.26	11	391.85	11	130.44	11		11		11		11		11	
1/4	1,430.51	1/4	1,169.08	1/4	908.33	1/4	647.82	1/4	386.40	1/4	125.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,425.06	1/2	1,163.63	1/2	902.92	1/2	642.38	1/2	380.96	1/2	119.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,419.62	3/4	1,158.19	3/4	897.51	3/4	636.93	3/4	375.51	3/4	114.13	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/2013 CL
CALCULATED: 06/11/2013 CL
VERIFIED: 0703/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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