



BARGE "KIRBY 10259"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-06"

May 9, 2013

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

<http://www.pmacorp.net>



BARGE "KIRBY 10259"

1 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		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	3,558.65	0	3,305.42	0	3,052.20	0	2,793.29	0	2,497.34	0	2,200.66		
1/4		1/4		1/4		1/4		1/4	3,553.37	1/4	3,300.15	1/4	3,046.92	1/4	2,787.13	1/4	2,491.15	1/4	2,194.48		
1/2		1/2		1/2		1/2		1/2	3,769.21	1/2	3,548.10	1/2	3,294.87	1/2	3,041.65	1/2	2,780.97	1/2	2,484.97	1/2	2,188.30
3/4		3/4		3/4		3/4		3/4	3,768.18	3/4	3,542.82	3/4	3,289.60	3/4	3,036.37	3/4	2,774.81	3/4	2,478.79	3/4	2,182.12
1		1		1		1		1	3,577.14	1	3,537.55	1	3,284.32	1	3,031.10	1	2,768.65	1	2,472.61	1	2,175.94
1/4		1/4		1/4		1/4		1/4	3,766.11	1/4	3,532.27	1/4	3,279.05	1/4	3,025.82	1/4	2,762.49	1/4	2,466.43	1/4	2,169.76
1/2		1/2		1/2		1/2		1/2	3,765.07	1/2	3,527.00	1/2	3,273.77	1/2	3,020.55	1/2	2,756.32	1/2	2,460.25	1/2	2,163.58
3/4		3/4		3/4		3/4		3/4	3,761.97	3/4	3,521.72	3/4	3,268.50	3/4	3,015.27	3/4	2,750.16	3/4	2,454.07	3/4	2,157.40
2		2		2		2		2	3,758.87	2	3,516.44	2	3,263.22	2	3,010.00	2	2,744.00	2	2,447.89	2	2,151.22
1/4		1/4		1/4		1/4		1/4	3,755.76	1/4	3,511.17	1/4	3,257.94	1/4	3,004.72	1/4	2,737.84	1/4	2,441.71	1/4	2,145.04
1/2		1/2		1/2		1/2		1/2	3,752.66	1/2	3,505.89	1/2	3,252.67	1/2	2,999.44	1/2	2,731.68	1/2	2,435.53	1/2	2,138.85
3/4		3/4		3/4		3/4		3/4	3,748.51	3/4	3,500.62	3/4	3,247.39	3/4	2,994.17	3/4	2,725.51	3/4	2,429.35	3/4	2,132.67
3		3		3		3		3	3,744.35	3	3,495.34	3	3,242.12	3	2,988.89	3	2,719.35	3	2,423.17	3	2,126.49
1/4		1/4		1/4		1/4		1/4	3,740.20	1/4	3,490.07	1/4	3,236.84	1/4	2,983.62	1/4	2,713.19	1/4	2,416.99	1/4	2,120.31
1/2		1/2		1/2		1/2		1/2	3,736.04	1/2	3,484.79	1/2	3,231.57	1/2	2,978.34	1/2	2,707.03	1/2	2,410.81	1/2	2,114.13
3/4		3/4		3/4		3/4		3/4	3,730.90	3/4	3,479.52	3/4	3,226.29	3/4	2,973.07	3/4	2,700.87	3/4	2,404.63	3/4	2,107.95
4		4		4		4		4	3,725.76	4	3,474.24	4	3,221.02	4	2,967.79	4	2,694.70	4	2,398.44	4	2,101.77
1/4		1/4		1/4		1/4		1/4	3,720.62	1/4	3,468.96	1/4	3,215.74	1/4	2,962.52	1/4	2,688.54	1/4	2,392.26	1/4	2,095.59
1/2		1/2		1/2		1/2		1/2	3,715.48	1/2	3,463.69	1/2	3,210.46	1/2	2,957.24	1/2	2,682.38	1/2	2,386.08	1/2	2,089.41
3/4		3/4		3/4		3/4		3/4	3,710.30	3/4	3,458.41	3/4	3,205.19	3/4	2,951.97	3/4	2,676.22	3/4	2,379.90	3/4	2,083.23
5		5		5		5		5	3,705.13	5	3,453.14	5	3,199.91	5	2,946.69	5	2,670.06	5	2,373.72	5	2,077.05
1/4		1/4		1/4		1/4		1/4	3,699.95	1/4	3,447.86	1/4	3,194.64	1/4	2,941.41	1/4	2,663.89	1/4	2,367.54	1/4	2,070.87
1/2		1/2		1/2		1/2		1/2	3,694.77	1/2	3,442.59	1/2	3,189.36	1/2	2,936.14	1/2	2,657.73	1/2	2,361.36	1/2	2,064.69
3/4		3/4		3/4		3/4		3/4	3,689.58	3/4	3,437.31	3/4	3,184.09	3/4	2,930.86	3/4	2,651.57	3/4	2,355.18	3/4	2,058.51
6		6		6		6		6	3,684.39	6	3,432.04	6	3,178.81	6	2,925.59	6	2,645.41	6	2,349.00	6	2,052.33
1/4		1/4		1/4		1/4		1/4	3,679.20	1/4	3,426.76	1/4	3,173.54	1/4	2,920.31	1/4	2,639.25	1/4	2,342.82	1/4	2,046.14
1/2		1/2		1/2		1/2		1/2	3,674.01	1/2	3,421.48	1/2	3,168.26	1/2	2,915.04	1/2	2,633.09	1/2	2,336.64	1/2	2,039.96
3/4		3/4		3/4		3/4		3/4	3,668.82	3/4	3,416.21	3/4	3,162.99	3/4	2,909.76	3/4	2,626.92	3/4	2,330.46	3/4	2,033.78
7		7		7		7		7	3,663.63	7	3,410.93	7	3,157.71	7	2,904.49	7	2,620.76	7	2,324.28	7	2,027.60
1/4		1/4		1/4		1/4		1/4	3,658.45	1/4	3,405.66	1/4	3,152.43	1/4	2,899.21	1/4	2,614.60	1/4	2,318.10	1/4	2,021.42
1/2		1/2		1/2		1/2		1/2	3,653.26	1/2	3,400.38	1/2	3,147.16	1/2	2,893.93	1/2	2,608.44	1/2	2,311.91	1/2	2,015.24
3/4		3/4		3/4		3/4		3/4	3,648.07	3/4	3,395.11	3/4	3,141.88	3/4	2,888.66	3/4	2,602.28	3/4	2,305.73	3/4	2,009.06
8		8		8		8		8	3,642.88	8	3,389.83	8	3,136.61	8	2,883.38	8	2,596.11	8	2,299.55	8	2,002.88
1/4		1/4		1/4		1/4		1/4	3,637.69	1/4	3,384.56	1/4	3,131.33	1/4	2,878.11	1/4	2,589.95	1/4	2,293.37	1/4	1,996.70
1/2		1/2		1/2		1/2		1/2	3,632.51	1/2	3,379.28	1/2	3,126.06	1/2	2,872.83	1/2	2,583.79	1/2	2,287.19	1/2	1,990.52
3/4		3/4		3/4		3/4		3/4	3,627.23	3/4	3,374.01	3/4	3,120.78	3/4	2,867.53	3/4	2,577.63	3/4	2,281.01	3/4	1,984.34
9		9		9		9		9	3,621.95	9	3,368.73	9	3,115.51	9	2,862.23	9	2,571.47	9	2,274.83	9	1,978.16
1/4		1/4		1/4		1/4		1/4	3,616.68	1/4	3,363.45	1/4	3,110.23	1/4	2,856.93	1/4	2,565.30	1/4	2,268.65	1/4	1,971.98
1/2		1/2		1/2		1/2		1/2	3,611.40	1/2	3,358.18	1/2	3,104.95	1/2	2,851.63	1/2	2,559.14	1/2	2,262.47	1/2	1,965.80
3/4		3/4		3/4		3/4		3/4	3,606.13	3/4	3,352.90	3/4	3,099.68	3/4	2,846.33	3/4	2,552.96	3/4	2,256.29	3/4	1,959.61
10		10		10		10		10	3,600.85	10	3,347.63	10	3,094.40	10	2,841.03	10	2,546.78	10	2,250.11	10	1,953.43
1/4		1/4		1/4		1/4		1/4	3,595.58	1/4	3,342.35	1/4	3,089.13	1/4	2,835.73	1/4	2,540.60	1/4	2,243.93	1/4	1,947.25
1/2		1/2		1/2		1/2		1/2	3,590.30	1/2	3,337.08	1/2	3,083.85	1/2	2,830.43	1/2	2,534.42	1/2	2,237.75	1/2	1,941.07
3/4		3/4		3/4		3/4		3/4	3,585.03	3/4	3,331.80	3/4	3,078.58	3/4	2,824.23	3/4	2,528.24	3/4	2,231.57	3/4	1,934.89
11		11		11		11		11	3,579.75	11	3,326.53	11	3,073.30	11	2,818.02	11	2,522.06	11	2,225.38	11	1,928.71
1/4		1/4		1/4		1/4		1/4	3,574.47	1/4	3,321.25	1/4	3,068.03	1/4	2,811.82	1/4	2,515.88	1/4	2,219.20	1/4	1,922.53
1/2		1/2		1/2		1/2		1/2	3,569.20	1/2	3,315.97	1/2	3,062.75	1/2	2,805.62	1/2	2,509.70	1/2	2,213.02	1/2	1,916.35
3/4		3/4		3/4		3/4		3/4	3,563.92	3/4	3,310.70	3/4	3,057.48	3/4	2,799.46	3/4	2,503.52	3/4	2,206.84	3/4	1,910.17

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 10259"

1 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
1/4	1,897.81	1/4	1,600.91	1/4	1,303.83	1/4	1,006.74	1/4	715.60	1/4	418.49	1/4	121.20	1/4		1/4		1/4	
1/2	1,891.63	1/2	1,594.73	1/2	1,297.64	1/2	1,000.55	1/2	709.51	1/2	412.30	1/2	115.01	1/2		1/2		1/2	
3/4	1,885.45	3/4	1,588.54	3/4	1,291.45	3/4	994.36	3/4	703.33	3/4	406.10	3/4	108.85	3/4		3/4		3/4	
1	1,879.27	1	1,582.35	1	1,285.26	1	988.17	1	697.15	1	399.91	1	102.68	1		1		1	
1/4	1,873.08	1/4	1,576.16	1/4	1,279.07	1/4	981.99	1/4	690.98	1/4	393.72	1/4	96.52	1/4		1/4		1/4	
1/2	1,866.90	1/2	1,569.97	1/2	1,272.88	1/2	975.80	1/2	684.80	1/2	387.52	1/2	90.35	1/2		1/2		1/2	
3/4	1,860.72	3/4	1,563.78	3/4	1,266.69	3/4	969.67	3/4	678.61	3/4	381.33	3/4	84.22	3/4		3/4		3/4	
2	1,854.54	2	1,557.59	2	1,260.50	2	963.54	2	672.42	2	375.13	2	78.08	2		2		2	
1/4	1,848.36	1/4	1,551.40	1/4	1,254.31	1/4	957.42	1/4	666.23	1/4	368.94	1/4	71.95	1/4		1/4		1/4	
1/2	1,842.18	1/2	1,545.21	1/2	1,248.12	1/2	951.29	1/2	660.04	1/2	362.75	1/2	65.82	1/2		1/2		1/2	
3/4	1,836.00	3/4	1,539.02	3/4	1,241.94	3/4	945.23	3/4	653.84	3/4	356.55	3/4	59.74	3/4		3/4		3/4	
3	1,829.82	3	1,532.83	3	1,235.75	3	939.16	3	647.65	3	350.36	3	53.66	3		3		3	
1/4	1,823.64	1/4	1,526.64	1/4	1,229.56	1/4	933.10	1/4	641.46	1/4	344.17	1/4	47.59	1/4		1/4		1/4	
1/2	1,817.46	1/2	1,520.45	1/2	1,223.37	1/2	927.04	1/2	635.27	1/2	337.97	1/2	41.51	1/2		1/2		1/2	
3/4	1,811.27	3/4	1,514.26	3/4	1,217.18	3/4	920.97	3/4	629.07	3/4	331.78	3/4	36.35	3/4		3/4		3/4	
4	1,805.08	4	1,508.08	4	1,210.99	4	914.91	4	622.88	4	325.59	4	31.18	4		4		4	
1/4	1,798.89	1/4	1,501.89	1/4	1,204.80	1/4	908.85	1/4	616.69	1/4	319.39	1/4	26.02	1/4		1/4		1/4	
1/2	1,792.70	1/2	1,495.70	1/2	1,198.61	1/2	902.79	1/2	610.49	1/2	313.20	1/2	20.86	1/2		1/2		1/2	
3/4	1,786.51	3/4	1,489.51	3/4	1,192.42	3/4	896.74	3/4	604.30	3/4	307.01	3/4	17.76	3/4		3/4		3/4	
5	1,780.32	5	1,483.32	5	1,186.23	5	890.70	5	598.10	5	300.81	5	14.66	5		5		5	
1/4	1,774.13	1/4	1,477.13	1/4	1,180.04	1/4	884.65	1/4	591.91	1/4	294.62	1/4	11.55	1/4		1/4		1/4	
1/2	1,767.95	1/2	1,470.94	1/2	1,173.85	1/2	878.60	1/2	585.72	1/2	288.42	1/2	8.45	1/2		1/2		1/2	
3/4	1,761.76	3/4	1,464.75	3/4	1,167.66	3/4	872.57	3/4	579.52	3/4	282.23	3/4	7.42	3/4		3/4		3/4	
6	1,755.57	6	1,458.56	6	1,161.47	6	866.54	6	573.33	6	276.04	6	6.38	6		6		6	
1/4	1,749.38	1/4	1,452.37	1/4	1,155.29	1/4	860.51	1/4	567.14	1/4	269.84	1/4	5.35	1/4		1/4		1/4	
1/2	1,743.19	1/2	1,446.18	1/2	1,149.10	1/2	854.48	1/2	560.94	1/2	263.65	1/2	4.32	1/2		1/2		1/2	
3/4	1,737.00	3/4	1,439.99	3/4	1,142.91	3/4	848.45	3/4	554.75	3/4	257.46	3/4		3/4		3/4		3/4	
7	1,730.81	7	1,433.80	7	1,136.72	7	842.42	7	548.56	7	251.26	7		7		7		7	
1/4	1,724.63	1/4	1,427.61	1/4	1,130.53	1/4	836.39	1/4	542.36	1/4	245.07	1/4		1/4		1/4		1/4	
1/2	1,718.44	1/2	1,421.43	1/2	1,124.34	1/2	830.36	1/2	536.17	1/2	238.88	1/2		1/2		1/2		1/2	
3/4	1,712.25	3/4	1,415.24	3/4	1,118.15	3/4	824.33	3/4	529.97	3/4	232.68	3/4		3/4		3/4		3/4	
8	1,706.07	8	1,409.05	8	1,111.96	8	818.30	8	523.78	8	226.49	8		8		8		8	
1/4	1,699.88	1/4	1,402.86	1/4	1,105.77	1/4	812.27	1/4	517.59	1/4	220.29	1/4		1/4		1/4		1/4	
1/2	1,693.70	1/2	1,396.67	1/2	1,099.58	1/2	806.24	1/2	511.39	1/2	214.10	1/2		1/2		1/2		1/2	
3/4	1,687.51	3/4	1,390.48	3/4	1,093.39	3/4	800.21	3/4	505.20	3/4	207.91	3/4		3/4		3/4		3/4	
9	1,681.33	9	1,384.29	9	1,087.20	9	794.18	9	499.01	9	201.71	9		9		9		9	
1/4	1,675.14	1/4	1,378.10	1/4	1,081.01	1/4	788.15	1/4	492.81	1/4	195.52	1/4		1/4		1/4		1/4	
1/2	1,668.95	1/2	1,371.91	1/2	1,074.82	1/2	782.12	1/2	486.62	1/2	189.33	1/2		1/2		1/2		1/2	
3/4	1,662.77	3/4	1,365.72	3/4	1,068.64	3/4	776.09	3/4	480.43	3/4	183.13	3/4		3/4		3/4		3/4	
10	1,656.58	10	1,359.53	10	1,062.45	10	770.06	10	474.23	10	176.94	10		10		10		10	
1/4	1,650.40	1/4	1,353.34	1/4	1,056.26	1/4	764.03	1/4	468.04	1/4	170.75	1/4		1/4		1/4		1/4	
1/2	1,644.21	1/2	1,347.15	1/2	1,050.07	1/2	758.00	1/2	461.85	1/2	164.56	1/2		1/2		1/2		1/2	
3/4	1,638.03	3/4	1,340.96	3/4	1,043.88	3/4	751.97	3/4	455.65	3/4	158.36	3/4		3/4		3/4		3/4	
11	1,631.84	11	1,334.78	11	1,037.69	11	745.94	11	449.46	11	152.16	11		11		11		11	
1/4	1,625.65	1/4	1,328.59	1/4	1,031.50	1/4	739.91	1/4	443.26	1/4	145.96	1/4		1/4		1/4		1/4	
1/2	1,619.47	1/2	1,322.40	1/2	1,025.31	1/2	733.88	1/2	437.07	1/2	139.76	1/2		1/2		1/2		1/2	
3/4	1,613.28	3/4	1,316.21	3/4	1,019.12	3/4	727.79	3/4	430.88	3/4	133.57	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/09/2013 SW
CALCULATED: 05/09/2013 CL
PRINTED: 05/09/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

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



BARGE "KIRBY 10259"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	3,253.92	0	2,992.08	0	2,730.24	0	2,467.96	0	2,204.72	0	1,941.49
1/4		1/4		1/4		1/4	3,475.08	1/4	3,248.46	1/4	2,986.62	1/4	2,724.78	1/4	2,462.48	1/4	2,199.24	1/4	1,936.00
1/2		1/2		1/2		1/2	3,474.17	1/2	3,243.01	1/2	2,981.17	1/2	2,719.33	1/2	2,456.99	1/2	2,193.75	1/2	1,930.52
3/4		3/4		3/4		3/4	3,473.25	3/4	3,237.55	3/4	2,975.71	3/4	2,713.87	3/4	2,451.51	3/4	2,188.27	3/4	1,925.03
1		1		1		1	3,472.34	1	3,232.10	1	2,970.26	1	2,708.42	1	2,446.02	1	2,182.79	1	1,919.55
1/4		1/4		1/4		1/4	3,471.42	1/4	3,226.64	1/4	2,964.80	1/4	2,702.96	1/4	2,440.54	1/4	2,177.30	1/4	1,914.07
1/2		1/2		1/2		1/2	3,468.68	1/2	3,221.19	1/2	2,959.35	1/2	2,697.51	1/2	2,435.05	1/2	2,171.82	1/2	1,908.58
3/4		3/4		3/4		3/4	3,465.93	3/4	3,215.73	3/4	2,953.89	3/4	2,692.05	3/4	2,429.57	3/4	2,166.33	3/4	1,903.10
2		2		2		2	3,463.19	2	3,210.28	2	2,948.44	2	2,686.60	2	2,424.09	2	2,160.85	2	1,897.61
1/4		1/4		1/4		1/4	3,460.45	1/4	3,204.82	1/4	2,942.98	1/4	2,681.14	1/4	2,418.60	1/4	2,155.37	1/4	1,892.13
1/2		1/2		1/2		1/2	3,456.00	1/2	3,199.37	1/2	2,937.53	1/2	2,675.69	1/2	2,413.12	1/2	2,149.88	1/2	1,886.64
3/4		3/4		3/4		3/4	3,451.56	3/4	3,193.91	3/4	2,932.07	3/4	2,670.23	3/4	2,407.63	3/4	2,144.40	3/4	1,881.16
3		3		3		3	3,447.12	3	3,188.46	3	2,926.62	3	2,664.78	3	2,402.15	3	2,138.91	3	1,875.68
1/4		1/4		1/4		1/4	3,442.67	1/4	3,183.00	1/4	2,921.16	1/4	2,659.32	1/4	2,396.67	1/4	2,133.43	1/4	1,870.19
1/2		1/2		1/2		1/2	3,437.36	1/2	3,177.55	1/2	2,915.71	1/2	2,653.87	1/2	2,391.18	1/2	2,127.95	1/2	1,864.71
3/4		3/4		3/4		3/4	3,432.04	3/4	3,172.09	3/4	2,910.25	3/4	2,648.41	3/4	2,385.70	3/4	2,122.46	3/4	1,859.22
4		4		4		4	3,426.73	4	3,166.64	4	2,904.80	4	2,642.96	4	2,380.21	4	2,116.98	4	1,853.74
1/4		1/4		1/4		1/4	3,421.41	1/4	3,161.18	1/4	2,899.34	1/4	2,637.50	1/4	2,374.73	1/4	2,111.49	1/4	1,848.26
1/2		1/2		1/2		1/2	3,416.06	1/2	3,155.73	1/2	2,893.89	1/2	2,632.05	1/2	2,369.25	1/2	2,106.01	1/2	1,842.77
3/4		3/4		3/4		3/4	3,410.72	3/4	3,150.27	3/4	2,888.43	3/4	2,626.59	3/4	2,363.76	3/4	2,100.52	3/4	1,837.29
5		5		5		5	3,405.37	5	3,144.82	5	2,882.98	5	2,621.14	5	2,358.28	5	2,095.04	5	1,831.80
1/4		1/4		1/4		1/4	3,400.02	1/4	3,139.36	1/4	2,877.52	1/4	2,615.68	1/4	2,352.79	1/4	2,089.56	1/4	1,826.32
1/2		1/2		1/2		1/2	3,394.67	1/2	3,133.91	1/2	2,872.07	1/2	2,610.23	1/2	2,347.31	1/2	2,084.07	1/2	1,820.84
3/4		3/4		3/4		3/4	3,389.31	3/4	3,128.45	3/4	2,866.61	3/4	2,604.77	3/4	2,341.83	3/4	2,078.59	3/4	1,815.35
6		6		6		6	3,383.95	6	3,123.00	6	2,861.16	6	2,599.32	6	2,336.34	6	2,073.10	6	1,809.87
1/4		1/4		1/4		1/4	3,378.59	1/4	3,117.54	1/4	2,855.70	1/4	2,593.86	1/4	2,330.86	1/4	2,067.62	1/4	1,804.38
1/2		1/2		1/2		1/2	3,373.23	1/2	3,112.09	1/2	2,850.25	1/2	2,588.41	1/2	2,325.37	1/2	2,062.14	1/2	1,798.90
3/4		3/4		3/4		3/4	3,367.88	3/4	3,106.63	3/4	2,844.79	3/4	2,582.95	3/4	2,319.89	3/4	2,056.65	3/4	1,793.42
7		7		7		7	3,362.52	7	3,101.18	7	2,839.34	7	2,577.50	7	2,314.40	7	2,051.17	7	1,787.93
1/4		1/4		1/4		1/4	3,357.17	1/4	3,095.72	1/4	2,833.88	1/4	2,572.04	1/4	2,308.92	1/4	2,045.68	1/4	1,782.45
1/2		1/2		1/2		1/2	3,351.81	1/2	3,090.27	1/2	2,828.43	1/2	2,566.59	1/2	2,303.44	1/2	2,040.20	1/2	1,776.96
3/4		3/4		3/4		3/4	3,346.45	3/4	3,084.81	3/4	2,822.97	3/4	2,561.13	3/4	2,297.95	3/4	2,034.72	3/4	1,771.48
8		8		8		8	3,341.10	8	3,079.36	8	2,817.52	8	2,555.68	8	2,292.47	8	2,029.23	8	1,765.99
1/4		1/4		1/4		1/4	3,335.74	1/4	3,073.90	1/4	2,812.06	1/4	2,550.22	1/4	2,286.98	1/4	2,023.75	1/4	1,760.51
1/2		1/2		1/2		1/2	3,330.29	1/2	3,068.45	1/2	2,806.61	1/2	2,544.74	1/2	2,281.50	1/2	2,018.26	1/2	1,755.03
3/4		3/4		3/4		3/4	3,324.83	3/4	3,062.99	3/4	2,801.15	3/4	2,539.25	3/4	2,276.02	3/4	2,012.78	3/4	1,749.54
9		9		9		9	3,319.38	9	3,057.54	9	2,795.70	9	2,533.77	9	2,270.53	9	2,007.30	9	1,744.06
1/4		1/4		1/4		1/4	3,313.92	1/4	3,052.08	1/4	2,790.24	1/4	2,528.28	1/4	2,265.05	1/4	2,001.81	1/4	1,738.57
1/2		1/2		1/2		1/2	3,308.47	1/2	3,046.63	1/2	2,784.79	1/2	2,522.80	1/2	2,259.56	1/2	1,996.33	1/2	1,733.09
3/4		3/4		3/4		3/4	3,303.01	3/4	3,041.17	3/4	2,779.33	3/4	2,517.32	3/4	2,254.08	3/4	1,990.84	3/4	1,727.61
10		10		10		10	3,297.56	10	3,035.72	10	2,773.88	10	2,511.83	10	2,248.60	10	1,985.36	10	1,722.12
1/4		1/4		1/4		1/4	3,292.10	1/4	3,030.26	1/4	2,768.42	1/4	2,506.35	1/4	2,243.11	1/4	1,979.87	1/4	1,716.64
1/2		1/2		1/2		1/2	3,286.65	1/2	3,024.81	1/2	2,762.97	1/2	2,500.86	1/2	2,237.63	1/2	1,974.39	1/2	1,711.15
3/4		3/4		3/4		3/4	3,281.19	3/4	3,019.35	3/4	2,757.51	3/4	2,495.38	3/4	2,232.14	3/4	1,968.91	3/4	1,705.67
11		11		11		11	3,275.74	11	3,013.90	11	2,752.06	11	2,489.90	11	2,226.66	11	1,963.42	11	1,700.19
1/4		1/4		1/4		1/4	3,270.28	1/4	3,008.44	1/4	2,746.60	1/4	2,484.41	1/4	2,221.18	1/4	1,957.94	1/4	1,694.70
1/2		1/2		1/2		1/2	3,264.83	1/2	3,002.99	1/2	2,741.15	1/2	2,478.93	1/2	2,215.69	1/2	1,952.45	1/2	1,689.22
3/4		3/4		3/4		3/4	3,259.37	3/4	2,997.53	3/4	2,735.69	3/4	2,473.44	3/4	2,210.21	3/4	1,946.97	3/4	1,683.73

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 10259"

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	1,678.25	0	1,415.01	0	1,151.61	0	889.98	0	630.69	0	367.35	0	104.04	0		0		0	
1/4	1,672.77	1/4	1,409.53	1/4	1,146.12	1/4	884.58	1/4	625.25	1/4	361.86	1/4	98.57	1/4	1/4	1/4		1/4	
1/2	1,667.28	1/2	1,404.04	1/2	1,140.63	1/2	879.17	1/2	619.76	1/2	356.38	1/2	93.12	1/2	1/2	1/2		1/2	
3/4	1,661.80	3/4	1,398.55	3/4	1,135.14	3/4	873.77	3/4	614.28	3/4	350.89	3/4	87.66	3/4	3/4	3/4		3/4	
1	1,656.31	1	1,393.07	1	1,129.66	1	868.37	1	608.79	1	345.40	1	82.21	1	1	1		1	
1/4	1,650.83	1/4	1,387.58	1/4	1,124.17	1/4	862.97	1/4	603.30	1/4	339.92	1/4	76.76	1/4	1/4	1/4		1/4	
1/2	1,645.34	1/2	1,382.09	1/2	1,118.68	1/2	857.56	1/2	597.81	1/2	334.43	1/2	71.34	1/2	1/2	1/2		1/2	
3/4	1,639.86	3/4	1,376.60	3/4	1,113.19	3/4	852.16	3/4	592.33	3/4	328.94	3/4	65.91	3/4	3/4	3/4		3/4	
2	1,634.38	2	1,371.11	2	1,107.70	2	846.76	2	586.84	2	323.45	2	60.49	2	2	2		2	
1/4	1,628.89	1/4	1,365.63	1/4	1,102.22	1/4	841.35	1/4	581.35	1/4	317.97	1/4	55.06	1/4	1/4	1/4		1/4	
1/2	1,623.41	1/2	1,360.14	1/2	1,096.73	1/2	835.95	1/2	575.87	1/2	312.48	1/2	49.69	1/2	1/2	1/2		1/2	
3/4	1,617.92	3/4	1,354.65	3/4	1,091.24	3/4	830.55	3/4	570.38	3/4	306.99	3/4	44.32	3/4	3/4	3/4		3/4	
3	1,612.44	3	1,349.16	3	1,085.75	3	825.15	3	564.89	3	301.51	3	38.94	3	3	3		3	
1/4	1,606.96	1/4	1,343.68	1/4	1,080.27	1/4	819.74	1/4	559.40	1/4	296.02	1/4	33.57	1/4	1/4	1/4		1/4	
1/2	1,601.47	1/2	1,338.19	1/2	1,074.78	1/2	814.35	1/2	553.92	1/2	290.53	1/2	29.00	1/2	1/2	1/2		1/2	
3/4	1,595.99	3/4	1,332.70	3/4	1,069.29	3/4	808.95	3/4	548.43	3/4	285.04	3/4	24.44	3/4	3/4	3/4		3/4	
4	1,590.50	4	1,327.21	4	1,063.80	4	803.55	4	542.94	4	279.56	4	19.87	4	4	4		4	
1/4	1,585.02	1/4	1,321.73	1/4	1,058.32	1/4	798.15	1/4	537.45	1/4	274.07	1/4	15.31	1/4	1/4	1/4		1/4	
1/2	1,579.54	1/2	1,316.24	1/2	1,052.83	1/2	792.76	1/2	531.97	1/2	268.58	1/2	12.57	1/2	1/2	1/2		1/2	
3/4	1,574.05	3/4	1,310.75	3/4	1,047.34	3/4	787.36	3/4	526.48	3/4	263.09	3/4	9.82	3/4	3/4	3/4		3/4	
5	1,568.57	5	1,305.26	5	1,041.85	5	781.96	5	520.99	5	257.61	5	7.08	5	5	5		5	
1/4	1,563.08	1/4	1,299.77	1/4	1,036.36	1/4	776.56	1/4	515.51	1/4	252.12	1/4	4.34	1/4	1/4	1/4		1/4	
1/2	1,557.60	1/2	1,294.29	1/2	1,030.88	1/2	771.17	1/2	510.02	1/2	246.63	1/2	3.42	1/2	1/2	1/2		1/2	
3/4	1,552.11	3/4	1,288.80	3/4	1,025.39	3/4	765.77	3/4	504.53	3/4	241.15	3/4	2.51	3/4	3/4	3/4		3/4	
6	1,546.63	6	1,283.31	6	1,019.90	6	760.37	6	499.04	6	235.66	6	1.59	6	6	6		6	
1/4	1,541.15	1/4	1,277.82	1/4	1,014.41	1/4	754.97	1/4	493.56	1/4	230.17	1/4	0.68	1/4	1/4	1/4		1/4	
1/2	1,535.66	1/2	1,272.34	1/2	1,008.97	1/2	749.58	1/2	488.07	1/2	224.68	1/2		1/2	1/2	1/2		1/2	
3/4	1,530.18	3/4	1,266.85	3/4	1,003.52	3/4	744.18	3/4	482.58	3/4	219.20	3/4		3/4	3/4	3/4		3/4	
7	1,524.69	7	1,261.36	7	998.08	7	738.78	7	477.10	7	213.71	7		7	7	7		7	
1/4	1,519.21	1/4	1,255.87	1/4	992.63	1/4	733.38	1/4	471.61	1/4	208.22	1/4		1/4	1/4	1/4		1/4	
1/2	1,513.73	1/2	1,250.38	1/2	987.23	1/2	727.99	1/2	466.12	1/2	202.74	1/2		1/2	1/2	1/2		1/2	
3/4	1,508.24	3/4	1,244.90	3/4	981.83	3/4	722.59	3/4	460.63	3/4	197.25	3/4		3/4	3/4	3/4		3/4	
8	1,502.76	8	1,239.41	8	976.42	8	717.19	8	455.15	8	191.76	8		8	8	8		8	
1/4	1,497.27	1/4	1,233.92	1/4	971.02	1/4	711.79	1/4	449.66	1/4	186.27	1/4		1/4	1/4	1/4		1/4	
1/2	1,491.79	1/2	1,228.43	1/2	965.62	1/2	706.40	1/2	444.17	1/2	180.79	1/2		1/2	1/2	1/2		1/2	
3/4	1,486.31	3/4	1,222.95	3/4	960.22	3/4	701.00	3/4	438.69	3/4	175.30	3/4		3/4	3/4	3/4		3/4	
9	1,480.82	9	1,217.46	9	954.81	9	695.60	9	433.20	9	169.81	9		9	9	9		9	
1/4	1,475.34	1/4	1,211.97	1/4	949.41	1/4	690.20	1/4	427.71	1/4	164.33	1/4		1/4	1/4	1/4		1/4	
1/2	1,469.85	1/2	1,206.48	1/2	944.01	1/2	684.81	1/2	422.22	1/2	158.84	1/2		1/2	1/2	1/2		1/2	
3/4	1,464.37	3/4	1,201.00	3/4	938.60	3/4	679.41	3/4	416.74	3/4	153.35	3/4		3/4	3/4	3/4		3/4	
10	1,458.89	10	1,195.51	10	933.20	10	674.01	10	411.25	10	147.87	10		10	10	10		10	
1/4	1,453.40	1/4	1,190.02	1/4	927.80	1/4	668.61	1/4	405.76	1/4	142.38	1/4		1/4	1/4	1/4		1/4	
1/2	1,447.92	1/2	1,184.53	1/2	922.40	1/2	663.22	1/2	400.27	1/2	136.90	1/2		1/2	1/2	1/2		1/2	
3/4	1,442.43	3/4	1,179.04	3/4	916.99	3/4	657.82	3/4	394.79	3/4	131.42	3/4		3/4	3/4	3/4		3/4	
11	1,436.95	11	1,173.56	11	911.59	11	652.42	11	389.30	11	125.93	11		11	11	11		11	
1/4	1,431.46	1/4	1,168.07	1/4	906.19	1/4	647.03	1/4	383.81	1/4	120.45	1/4		1/4	1/4	1/4		1/4	
1/2	1,425.98	1/2	1,162.58	1/2	900.79	1/2	641.58	1/2	378.33	1/2	114.98	1/2		1/2	1/2	1/2		1/2	
3/4	1,420.50	3/4	1,157.09	3/4	895.38	3/4	636.14	3/4	372.84	3/4	109.51	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/09/2013 SW
CALCULATED: 05/09/2013 CL
PRINTED: 05/09/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

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



BARGE "KIRBY 10259"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4		1/4	3,456.07	1/4	3,230.98	1/4	2,970.91	1/4	2,710.83	1/4	2,450.29	1/4	2,188.81	1/4	1,927.33
1/2		1/2		1/2		1/2	3,455.17	1/2	3,225.56	1/2	2,965.49	1/2	2,705.42	1/2	2,444.84	1/2	2,183.36	1/2	1,921.88
3/4		3/4		3/4		3/4	3,454.26	3/4	3,220.15	3/4	2,960.07	3/4	2,700.00	3/4	2,439.40	3/4	2,177.92	3/4	1,916.44
1	1	1	1	1	1	1	3,453.35	1	3,214.73	1	2,954.65	1	2,694.58	1	2,433.95	1	2,172.47	1	1,910.99
1/4		1/4		1/4		1/4	3,452.44	1/4	3,209.31	1/4	2,949.24	1/4	2,689.16	1/4	2,428.50	1/4	2,167.02	1/4	1,905.54
1/2		1/2		1/2		1/2	3,449.71	1/2	3,203.89	1/2	2,943.82	1/2	2,683.74	1/2	2,423.05	1/2	2,161.57	1/2	1,900.09
3/4		3/4		3/4		3/4	3,446.99	3/4	3,198.47	3/4	2,938.40	3/4	2,678.33	3/4	2,417.61	3/4	2,156.13	3/4	1,894.65
2	2	2	2	2	2	2	3,444.26	2	3,193.05	2	2,932.98	2	2,672.91	2	2,412.16	2	2,150.68	2	1,889.20
1/4		1/4		1/4		1/4	3,441.54	1/4	3,187.64	1/4	2,927.56	1/4	2,667.49	1/4	2,406.71	1/4	2,145.23	1/4	1,883.75
1/2		1/2		1/2		1/2	3,437.13	1/2	3,182.22	1/2	2,922.14	1/2	2,662.07	1/2	2,401.26	1/2	2,139.78	1/2	1,878.30
3/4		3/4		3/4		3/4	3,432.71	3/4	3,176.80	3/4	2,916.73	3/4	2,656.65	3/4	2,395.82	3/4	2,134.34	3/4	1,872.86
3	3	3	3	3	3	3	3,428.30	3	3,171.38	3	2,911.31	3	2,651.23	3	2,390.37	3	2,128.89	3	1,867.41
1/4		1/4		1/4		1/4	3,423.89	1/4	3,165.96	1/4	2,905.89	1/4	2,645.82	1/4	2,384.92	1/4	2,123.44	1/4	1,861.96
1/2		1/2		1/2		1/2	3,418.61	1/2	3,160.55	1/2	2,900.47	1/2	2,640.40	1/2	2,379.47	1/2	2,117.99	1/2	1,856.51
3/4		3/4		3/4		3/4	3,413.33	3/4	3,155.13	3/4	2,895.05	3/4	2,634.98	3/4	2,374.03	3/4	2,112.55	3/4	1,851.07
4	4	4	4	4	4	4	3,408.05	4	3,149.71	4	2,889.64	4	2,629.56	4	2,368.58	4	2,107.10	4	1,845.62
1/4		1/4		1/4		1/4	3,402.77	1/4	3,144.29	1/4	2,884.22	1/4	2,624.14	1/4	2,363.13	1/4	2,101.65	1/4	1,840.17
1/2		1/2		1/2		1/2	3,397.46	1/2	3,138.87	1/2	2,878.80	1/2	2,618.73	1/2	2,357.68	1/2	2,096.20	1/2	1,834.72
3/4		3/4		3/4		3/4	3,392.15	3/4	3,133.45	3/4	2,873.38	3/4	2,613.31	3/4	2,352.24	3/4	2,090.76	3/4	1,829.28
5	5	5	5	5	5	5	3,386.84	5	3,128.04	5	2,867.96	5	2,607.89	5	2,346.79	5	2,085.31	5	1,823.83
1/4		1/4		1/4		1/4	3,381.53	1/4	3,122.62	1/4	2,862.54	1/4	2,602.47	1/4	2,341.34	1/4	2,079.86	1/4	1,818.38
1/2		1/2		1/2		1/2	3,376.20	1/2	3,117.20	1/2	2,857.13	1/2	2,597.05	1/2	2,335.89	1/2	2,074.41	1/2	1,812.93
3/4		3/4		3/4		3/4	3,370.88	3/4	3,111.78	3/4	2,851.71	3/4	2,591.63	3/4	2,330.45	3/4	2,068.97	3/4	1,807.49
6	6	6	6	6	6	6	3,365.55	6	3,106.36	6	2,846.29	6	2,586.22	6	2,325.00	6	2,063.52	6	1,802.04
1/4		1/4		1/4		1/4	3,360.23	1/4	3,100.95	1/4	2,840.87	1/4	2,580.80	1/4	2,319.55	1/4	2,058.07	1/4	1,796.59
1/2		1/2		1/2		1/2	3,354.91	1/2	3,095.53	1/2	2,835.45	1/2	2,575.38	1/2	2,314.10	1/2	2,052.62	1/2	1,791.14
3/4		3/4		3/4		3/4	3,349.59	3/4	3,090.11	3/4	2,830.04	3/4	2,569.96	3/4	2,308.66	3/4	2,047.18	3/4	1,785.70
7	7	7	7	7	7	7	3,344.27	7	3,084.69	7	2,824.62	7	2,564.54	7	2,303.21	7	2,041.73	7	1,780.25
1/4		1/4		1/4		1/4	3,338.95	1/4	3,079.27	1/4	2,819.20	1/4	2,559.13	1/4	2,297.76	1/4	2,036.28	1/4	1,774.80
1/2		1/2		1/2		1/2	3,333.63	1/2	3,073.85	1/2	2,813.78	1/2	2,553.71	1/2	2,292.31	1/2	2,030.83	1/2	1,769.35
3/4		3/4		3/4		3/4	3,328.31	3/4	3,068.44	3/4	2,808.36	3/4	2,548.29	3/4	2,286.87	3/4	2,025.39	3/4	1,763.91
8	8	8	8	8	8	8	3,322.99	8	3,063.02	8	2,802.94	8	2,542.87	8	2,281.42	8	2,019.94	8	1,758.46
1/4		1/4		1/4		1/4	3,317.67	1/4	3,057.60	1/4	2,797.53	1/4	2,537.45	1/4	2,275.97	1/4	2,014.49	1/4	1,753.01
1/2		1/2		1/2		1/2	3,312.25	1/2	3,052.18	1/2	2,792.11	1/2	2,532.00	1/2	2,270.52	1/2	2,009.04	1/2	1,747.56
3/4		3/4		3/4		3/4	3,306.84	3/4	3,046.76	3/4	2,786.69	3/4	2,526.56	3/4	2,265.08	3/4	2,003.60	3/4	1,742.12
9	9	9	9	9	9	9	3,301.42	9	3,041.34	9	2,781.27	9	2,521.11	9	2,259.63	9	1,998.15	9	1,736.67
1/4		1/4		1/4		1/4	3,296.00	1/4	3,035.93	1/4	2,775.85	1/4	2,515.66	1/4	2,254.18	1/4	1,992.70	1/4	1,731.22
1/2		1/2		1/2		1/2	3,290.58	1/2	3,030.51	1/2	2,770.43	1/2	2,510.21	1/2	2,248.73	1/2	1,987.25	1/2	1,725.77
3/4		3/4		3/4		3/4	3,285.16	3/4	3,025.09	3/4	2,765.02	3/4	2,504.77	3/4	2,243.29	3/4	1,981.81	3/4	1,720.33
10	10	10	10	10	10	10	3,279.75	10	3,019.67	10	2,759.60	10	2,499.32	10	2,237.84	10	1,976.36	10	1,714.88
1/4		1/4		1/4		1/4	3,274.33	1/4	3,014.25	1/4	2,754.18	1/4	2,493.87	1/4	2,232.39	1/4	1,970.91	1/4	1,709.43
1/2		1/2		1/2		1/2	3,268.91	1/2	3,008.84	1/2	2,748.76	1/2	2,488.42	1/2	2,226.94	1/2	1,965.46	1/2	1,703.98
3/4		3/4		3/4		3/4	3,263.49	3/4	3,003.42	3/4	2,743.34	3/4	2,482.98	3/4	2,221.50	3/4	1,960.02	3/4	1,698.54
11	11	11	11	11	11	11	3,258.07	11	2,998.00	11	2,737.93	11	2,477.53	11	2,216.05	11	1,954.57	11	1,693.09
1/4		1/4		1/4		1/4	3,252.65	1/4	2,992.58	1/4	2,732.51	1/4	2,472.08	1/4	2,210.60	1/4	1,949.12	1/4	1,687.64
1/2		1/2		1/2		1/2	3,247.24	1/2	2,987.16	1/2	2,727.09	1/2	2,466.63	1/2	2,205.15	1/2	1,943.67	1/2	1,682.19
3/4		3/4		3/4		3/4	3,241.82	3/4	2,981.74	3/4	2,721.67	3/4	2,461.19	3/4	2,199.71	3/4	1,938.23	3/4	1,676.75

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10259"

3 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	1,671.30	0	1,409.82	0	1,148.18	0	887.37	0	626.52	0	364.90	0	103.35	0		0		0	
1/4	1,665.85	1/4	1,404.37	1/4	1,142.73	1/4	881.96	1/4	621.07	1/4	359.45	1/4	97.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,660.40	1/2	1,398.92	1/2	1,137.28	1/2	876.54	1/2	615.62	1/2	354.00	1/2	92.50	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,654.96	3/4	1,393.47	3/4	1,131.83	3/4	871.13	3/4	610.17	3/4	348.55	3/4	87.08	3/4	3/4	3/4	3/4	3/4	3/4
1	1,649.51	1	1,388.02	1	1,126.38	1	865.71	1	604.72	1	343.10	1	81.67	1	1	1	1	1	1
1/4	1,644.06	1/4	1,382.57	1/4	1,120.93	1/4	860.30	1/4	599.27	1/4	337.65	1/4	76.25	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,638.61	1/2	1,377.12	1/2	1,115.47	1/2	854.88	1/2	593.82	1/2	332.20	1/2	70.86	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,633.17	3/4	1,371.67	3/4	1,110.02	3/4	849.47	3/4	588.37	3/4	326.75	3/4	65.48	3/4	3/4	3/4	3/4	3/4	3/4
2	1,627.72	2	1,366.22	2	1,104.57	2	844.05	2	582.92	2	321.30	2	60.09	2	2	2	2	2	2
1/4	1,622.27	1/4	1,360.77	1/4	1,099.12	1/4	838.64	1/4	577.47	1/4	315.85	1/4	54.70	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,616.82	1/2	1,355.31	1/2	1,093.67	1/2	833.23	1/2	572.02	1/2	310.39	1/2	49.36	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,611.38	3/4	1,349.86	3/4	1,088.22	3/4	827.81	3/4	566.57	3/4	304.94	3/4	44.02	3/4	3/4	3/4	3/4	3/4	3/4
3	1,605.93	3	1,344.41	3	1,082.77	3	822.40	3	561.12	3	299.49	3	38.69	3	3	3	3	3	3
1/4	1,600.48	1/4	1,338.96	1/4	1,077.32	1/4	816.98	1/4	555.67	1/4	294.04	1/4	33.35	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,595.03	1/2	1,333.51	1/2	1,071.87	1/2	811.57	1/2	550.22	1/2	288.59	1/2	28.81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,589.59	3/4	1,328.06	3/4	1,066.42	3/4	806.16	3/4	544.77	3/4	283.14	3/4	24.28	3/4	3/4	3/4	3/4	3/4	3/4
4	1,584.14	4	1,322.61	4	1,060.97	4	800.75	4	539.32	4	277.69	4	19.75	4	4	4	4	4	4
1/4	1,578.69	1/4	1,317.16	1/4	1,055.51	1/4	795.35	1/4	533.87	1/4	272.24	1/4	15.21	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,573.24	1/2	1,311.71	1/2	1,050.06	1/2	789.90	1/2	528.41	1/2	266.79	1/2	12.49	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,567.80	3/4	1,306.26	3/4	1,044.61	3/4	784.45	3/4	522.96	3/4	261.34	3/4	9.76	3/4	3/4	3/4	3/4	3/4	3/4
5	1,562.35	5	1,300.81	5	1,039.16	5	779.01	5	517.51	5	255.89	5	7.04	5	5	5	5	5	5
1/4	1,556.90	1/4	1,295.35	1/4	1,033.71	1/4	773.56	1/4	512.06	1/4	250.44	1/4	4.31	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,551.45	1/2	1,289.90	1/2	1,028.26	1/2	768.12	1/2	506.61	1/2	244.99	1/2	3.40	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,546.01	3/4	1,284.45	3/4	1,022.81	3/4	762.67	3/4	501.16	3/4	239.54	3/4	2.49	3/4	3/4	3/4	3/4	3/4	3/4
6	1,540.56	6	1,279.00	6	1,017.36	6	757.23	6	495.71	6	234.09	6	1.59	6	6	6	6	6	6
1/4	1,535.11	1/4	1,273.55	1/4	1,011.91	1/4	751.78	1/4	490.26	1/4	228.64	1/4	0.68	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,529.66	1/2	1,268.10	1/2	1,006.49	1/2	746.34	1/2	484.81	1/2	223.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,524.22	3/4	1,262.65	3/4	1,001.08	3/4	740.89	3/4	479.36	3/4	217.74	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,518.77	7	1,257.20	7	995.66	7	735.44	7	473.91	7	212.29	7		7	7	7	7	7	7
1/4	1,513.32	1/4	1,251.75	1/4	990.25	1/4	730.00	1/4	468.46	1/4	206.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,507.87	1/2	1,246.30	1/2	984.83	1/2	724.55	1/2	463.01	1/2	201.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,502.43	3/4	1,240.85	3/4	979.42	3/4	719.11	3/4	457.56	3/4	195.93	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,496.98	8	1,235.39	8	974.01	8	713.66	8	452.11	8	190.48	8		8	8	8	8	8	8
1/4	1,491.53	1/4	1,229.94	1/4	968.59	1/4	708.22	1/4	446.66	1/4	185.03	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,486.08	1/2	1,224.49	1/2	963.18	1/2	702.77	1/2	441.21	1/2	179.58	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,480.64	3/4	1,219.04	3/4	957.76	3/4	697.32	3/4	435.76	3/4	174.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,475.19	9	1,213.59	9	952.35	9	691.88	9	430.31	9	168.68	9		9	9	9	9	9	9
1/4	1,469.74	1/4	1,208.14	1/4	946.93	1/4	686.43	1/4	424.86	1/4	163.23	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,464.29	1/2	1,202.69	1/2	941.52	1/2	680.99	1/2	419.40	1/2	157.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,458.85	3/4	1,197.24	3/4	936.10	3/4	675.54	3/4	413.95	3/4	152.33	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,453.40	10	1,191.79	10	930.69	10	670.10	10	408.50	10	146.88	10		10	10	10	10	10	10
1/4	1,447.95	1/4	1,186.34	1/4	925.27	1/4	664.65	1/4	403.05	1/4	141.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,442.50	1/2	1,180.89	1/2	919.86	1/2	659.21	1/2	397.60	1/2	135.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,437.06	3/4	1,175.43	3/4	914.44	3/4	653.76	3/4	392.15	3/4	130.54	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,431.61	11	1,169.98	11	909.03	11	648.32	11	386.70	11	125.10	11		11	11	11	11	11	11
1/4	1,426.16	1/4	1,164.53	1/4	903.62	1/4	642.87	1/4	381.25	1/4	119.65	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,420.71	1/2	1,159.08	1/2	898.20	1/2	637.42	1/2	375.80	1/2	114.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,415.27	3/4	1,153.63	3/4	892.79	3/4	631.97	3/4	370.35	3/4	108.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/09/2013 SW
CALCULATED: 05/09/2013 CL
PRINTED: 05/09/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2013

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