



BARGE "KIRBY 10059"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-06"

April 7, 2015

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

<http://www.pmacorp.net>



BARGE "KIRBY 10059"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	0	0	3,767.33	0	3,542.02	0	3,288.85	0	3,035.69	0	2,774.18	0	2,478.23	0	2,181.63
1/4		1/4		1/4		1/4	3,766.29	1/4	3,536.75	1/4	3,283.58	1/4	3,030.41	1/4	2,768.02	1/4	2,472.05	1/4	2,175.45
1/2		1/2		1/2		1/2	3,765.26	1/2	3,531.47	1/2	3,278.31	1/2	3,025.14	1/2	2,761.86	1/2	2,465.88	1/2	2,169.27
3/4		3/4		3/4		3/4	3,764.22	3/4	3,526.20	3/4	3,273.03	3/4	3,019.86	3/4	2,755.70	3/4	2,459.70	3/4	2,163.09
1	1	1	1	1	1	1	3,761.12	1	3,520.92	1	3,267.76	1	3,014.59	1	2,749.54	1	2,453.52	1	2,156.91
1/4		1/4		1/4		1/4	3,758.02	1/4	3,515.65	1/4	3,262.48	1/4	3,009.32	1/4	2,743.38	1/4	2,447.34	1/4	2,150.73
1/2		1/2		1/2		1/2	3,754.92	1/2	3,510.37	1/2	3,257.21	1/2	3,004.04	1/2	2,737.22	1/2	2,441.16	1/2	2,144.55
3/4		3/4		3/4		3/4	3,751.81	3/4	3,505.10	3/4	3,251.93	3/4	2,998.77	3/4	2,731.06	3/4	2,434.98	3/4	2,138.37
2	2	2	2	2	2	2	3,747.66	2	3,499.83	2	3,246.66	2	2,993.49	2	2,724.90	2	2,428.80	2	2,132.19
1/4		1/4		1/4		1/4	3,743.51	1/4	3,494.55	1/4	3,241.39	1/4	2,988.22	1/4	2,718.74	1/4	2,422.62	1/4	2,126.01
1/2		1/2		1/2		1/2	3,739.35	1/2	3,489.28	1/2	3,236.11	1/2	2,982.94	1/2	2,712.58	1/2	2,416.44	1/2	2,119.83
3/4		3/4		3/4		3/4	3,735.20	3/4	3,484.00	3/4	3,230.84	3/4	2,977.67	3/4	2,706.42	3/4	2,410.26	3/4	2,113.65
3	3	3	3	3	3	3	3,730.06	3	3,478.73	3	3,225.56	3	2,972.40	3	2,700.26	3	2,404.08	3	2,107.48
1/4		1/4		1/4		1/4	3,724.92	1/4	3,473.45	1/4	3,220.29	1/4	2,967.12	1/4	2,694.10	1/4	2,397.90	1/4	2,101.30
1/2		1/2		1/2		1/2	3,719.78	1/2	3,468.18	1/2	3,215.01	1/2	2,961.85	1/2	2,687.93	1/2	2,391.72	1/2	2,095.12
3/4		3/4		3/4		3/4	3,714.64	3/4	3,462.91	3/4	3,209.74	3/4	2,956.57	3/4	2,681.77	3/4	2,385.54	3/4	2,088.94
4	4	4	4	4	4	4	3,709.47	4	3,457.63	4	3,204.47	4	2,951.30	4	2,675.61	4	2,379.36	4	2,082.76
1/4		1/4		1/4		1/4	3,704.29	1/4	3,452.36	1/4	3,199.19	1/4	2,946.02	1/4	2,669.45	1/4	2,373.19	1/4	2,076.58
1/2		1/2		1/2		1/2	3,699.11	1/2	3,447.08	1/2	3,193.92	1/2	2,940.75	1/2	2,663.29	1/2	2,367.01	1/2	2,070.40
3/4		3/4		3/4		3/4	3,693.94	3/4	3,441.81	3/4	3,188.64	3/4	2,935.48	3/4	2,657.13	3/4	2,360.83	3/4	2,064.22
5	5	5	5	5	5	5	3,688.75	5	3,436.53	5	3,183.37	5	2,930.20	5	2,650.97	5	2,354.65	5	2,058.04
1/4		1/4		1/4		1/4	3,683.56	1/4	3,431.26	1/4	3,178.09	1/4	2,924.93	1/4	2,644.81	1/4	2,348.47	1/4	2,051.86
1/2		1/2		1/2		1/2	3,678.37	1/2	3,425.99	1/2	3,172.82	1/2	2,919.65	1/2	2,638.65	1/2	2,342.29	1/2	2,045.68
3/4		3/4		3/4		3/4	3,673.18	3/4	3,420.71	3/4	3,167.55	3/4	2,914.38	3/4	2,632.49	3/4	2,336.11	3/4	2,039.50
6	6	6	6	6	6	6	3,667.99	6	3,415.44	6	3,162.27	6	2,909.10	6	2,626.33	6	2,329.93	6	2,033.32
1/4		1/4		1/4		1/4	3,662.81	1/4	3,410.16	1/4	3,157.00	1/4	2,903.83	1/4	2,620.17	1/4	2,323.75	1/4	2,027.14
1/2		1/2		1/2		1/2	3,657.62	1/2	3,404.89	1/2	3,151.72	1/2	2,898.56	1/2	2,614.01	1/2	2,317.57	1/2	2,020.97
3/4		3/4		3/4		3/4	3,652.43	3/4	3,399.61	3/4	3,146.45	3/4	2,893.28	3/4	2,607.85	3/4	2,311.39	3/4	2,014.79
7	7	7	7	7	7	7	3,647.25	7	3,394.34	7	3,141.17	7	2,888.01	7	2,601.69	7	2,305.21	7	2,008.61
1/4		1/4		1/4		1/4	3,642.06	1/4	3,389.07	1/4	3,135.90	1/4	2,882.73	1/4	2,595.53	1/4	2,299.03	1/4	2,002.43
1/2		1/2		1/2		1/2	3,636.87	1/2	3,383.79	1/2	3,130.63	1/2	2,877.46	1/2	2,589.37	1/2	2,292.85	1/2	1,996.25
3/4		3/4		3/4		3/4	3,631.68	3/4	3,378.52	3/4	3,125.35	3/4	2,872.18	3/4	2,583.21	3/4	2,286.68	3/4	1,990.07
8	8	8	8	8	8	8	3,626.41	8	3,373.24	8	3,120.08	8	2,866.89	8	2,577.05	8	2,280.50	8	1,983.89
1/4		1/4		1/4		1/4	3,621.14	1/4	3,367.97	1/4	3,114.80	1/4	2,861.59	1/4	2,570.89	1/4	2,274.32	1/4	1,977.71
1/2		1/2		1/2		1/2	3,615.86	1/2	3,362.69	1/2	3,109.53	1/2	2,856.29	1/2	2,564.73	1/2	2,268.14	1/2	1,971.53
3/4		3/4		3/4		3/4	3,610.59	3/4	3,357.42	3/4	3,104.25	3/4	2,850.99	3/4	2,558.56	3/4	2,261.96	3/4	1,965.35
9	9	9	9	9	9	9	3,605.31	9	3,352.15	9	3,098.98	9	2,845.69	9	2,552.39	9	2,255.78	9	1,959.17
1/4		1/4		1/4		1/4	3,600.04	1/4	3,346.87	1/4	3,093.71	1/4	2,840.39	1/4	2,546.21	1/4	2,249.60	1/4	1,952.99
1/2		1/2		1/2		1/2	3,594.76	1/2	3,341.60	1/2	3,088.43	1/2	2,835.09	1/2	2,540.03	1/2	2,243.42	1/2	1,946.81
3/4		3/4		3/4		3/4	3,589.49	3/4	3,336.32	3/4	3,083.16	3/4	2,829.79	3/4	2,533.85	3/4	2,237.24	3/4	1,940.63
10	10	10	10	10	10	10	3,584.22	10	3,331.05	10	3,077.88	10	2,823.59	10	2,527.67	10	2,231.06	10	1,934.46
1/4		1/4		1/4		1/4	3,578.94	1/4	3,325.77	1/4	3,072.61	1/4	2,817.39	1/4	2,521.49	1/4	2,224.88	1/4	1,928.28
1/2		1/2		1/2		1/2	3,573.67	1/2	3,320.50	1/2	3,067.33	1/2	2,811.19	1/2	2,515.31	1/2	2,218.70	1/2	1,922.10
3/4		3/4		3/4		3/4	3,568.39	3/4	3,315.23	3/4	3,062.06	3/4	2,804.98	3/4	2,509.13	3/4	2,212.52	3/4	1,915.92
11	11	11	11	11	11	11	3,563.12	11	3,309.95	11	3,056.79	11	2,798.82	11	2,502.95	11	2,206.34	11	1,909.74
1/4		1/4		1/4		1/4	3,557.84	1/4	3,304.68	1/4	3,051.51	1/4	2,792.66	1/4	2,496.77	1/4	2,200.17	1/4	1,903.56
1/2		1/2		1/2		1/2	3,552.57	1/2	3,299.40	1/2	3,046.24	1/2	2,786.50	1/2	2,490.59	1/2	2,193.99	1/2	1,897.38
3/4		3/4		3/4		3/4	3,768.36	3/4	3,547.29	3/4	3,294.13	3/4	3,040.96	3/4	2,780.34	3/4	2,484.41	3/4	1,891.20

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 31'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 10059"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	1,885.02	0	1,588.18	0	1,291.16	0	994.14	0	703.17	0	406.01	0	108.82	0		0		0	
1/4	1,878.84	1/4	1,581.99	1/4	1,284.97	1/4	987.95	1/4	697.00	1/4	399.82	1/4	102.66	1/4		1/4		1/4	
1/2	1,872.66	1/2	1,575.80	1/2	1,278.78	1/2	981.76	1/2	690.82	1/2	393.63	1/2	96.49	1/2		1/2		1/2	
3/4	1,866.48	3/4	1,569.61	3/4	1,272.59	3/4	975.58	3/4	684.65	3/4	387.43	3/4	90.33	3/4		3/4		3/4	
1	1,860.30	1	1,563.43	1	1,266.41	1	969.45	1	678.46	1	381.24	1	84.20	1		1		1	
1/4	1,854.12	1/4	1,557.24	1/4	1,260.22	1/4	963.33	1/4	672.27	1/4	375.05	1/4	78.07	1/4		1/4		1/4	
1/2	1,847.95	1/2	1,551.05	1/2	1,254.03	1/2	957.20	1/2	666.08	1/2	368.86	1/2	71.93	1/2		1/2		1/2	
3/4	1,841.77	3/4	1,544.86	3/4	1,247.84	3/4	951.08	3/4	659.89	3/4	362.67	3/4	65.80	3/4		3/4		3/4	
2	1,835.59	2	1,538.67	2	1,241.66	2	945.01	2	653.70	2	356.47	2	59.73	2		2		2	
1/4	1,829.41	1/4	1,532.49	1/4	1,235.47	1/4	938.95	1/4	647.50	1/4	350.28	1/4	53.65	1/4		1/4		1/4	
1/2	1,823.23	1/2	1,526.30	1/2	1,229.28	1/2	932.89	1/2	641.31	1/2	344.09	1/2	47.57	1/2		1/2		1/2	
3/4	1,817.05	3/4	1,520.11	3/4	1,223.09	3/4	926.83	3/4	635.12	3/4	337.90	3/4	41.50	3/4		3/4		3/4	
3	1,810.86	3	1,513.92	3	1,216.90	3	920.77	3	628.93	3	331.71	3	36.34	3		3		3	
1/4	1,804.67	1/4	1,507.74	1/4	1,210.72	1/4	914.71	1/4	622.74	1/4	325.51	1/4	31.18	1/4		1/4		1/4	
1/2	1,798.49	1/2	1,501.55	1/2	1,204.53	1/2	908.65	1/2	616.55	1/2	319.32	1/2	26.02	1/2		1/2		1/2	
3/4	1,792.30	3/4	1,495.36	3/4	1,198.34	3/4	902.58	3/4	610.35	3/4	313.13	3/4	20.86	3/4		3/4		3/4	
4	1,786.11	4	1,489.17	4	1,192.15	4	896.54	4	604.16	4	306.94	4	17.75	4		4		4	
1/4	1,779.92	1/4	1,482.98	1/4	1,185.96	1/4	890.49	1/4	597.97	1/4	300.74	1/4	14.65	1/4		1/4		1/4	
1/2	1,773.73	1/2	1,476.80	1/2	1,179.78	1/2	884.45	1/2	591.78	1/2	294.55	1/2	11.55	1/2		1/2		1/2	
3/4	1,767.55	3/4	1,470.61	3/4	1,173.59	3/4	878.40	3/4	585.59	3/4	288.36	3/4	8.45	3/4		3/4		3/4	
5	1,761.36	5	1,464.42	5	1,167.40	5	872.38	5	579.39	5	282.17	5	7.42	5		5		5	
1/4	1,755.17	1/4	1,458.23	1/4	1,161.21	1/4	866.35	1/4	573.20	1/4	275.98	1/4	6.38	1/4		1/4		1/4	
1/2	1,748.98	1/2	1,452.04	1/2	1,155.02	1/2	860.32	1/2	567.01	1/2	269.78	1/2	5.35	1/2		1/2		1/2	
3/4	1,742.80	3/4	1,445.86	3/4	1,148.84	3/4	854.29	3/4	560.82	3/4	263.59	3/4	4.31	3/4		3/4		3/4	
6	1,736.61	6	1,439.67	6	1,142.65	6	848.26	6	554.62	6	257.40	6		6		6		6	
1/4	1,730.42	1/4	1,433.48	1/4	1,136.46	1/4	842.23	1/4	548.43	1/4	251.21	1/4		1/4		1/4		1/4	
1/2	1,724.24	1/2	1,427.29	1/2	1,130.27	1/2	836.20	1/2	542.24	1/2	245.01	1/2		1/2		1/2		1/2	
3/4	1,718.05	3/4	1,421.10	3/4	1,124.09	3/4	830.17	3/4	536.05	3/4	238.82	3/4		3/4		3/4		3/4	
7	1,711.87	7	1,414.92	7	1,117.90	7	824.15	7	529.86	7	232.63	7		7		7		7	
1/4	1,705.68	1/4	1,408.73	1/4	1,111.71	1/4	818.12	1/4	523.66	1/4	226.44	1/4		1/4		1/4		1/4	
1/2	1,699.50	1/2	1,402.54	1/2	1,105.52	1/2	812.09	1/2	517.47	1/2	220.25	1/2		1/2		1/2		1/2	
3/4	1,693.31	3/4	1,396.35	3/4	1,099.33	3/4	806.06	3/4	511.28	3/4	214.05	3/4		3/4		3/4		3/4	
8	1,687.13	8	1,390.17	8	1,093.15	8	800.03	8	505.09	8	207.86	8		8		8		8	
1/4	1,680.95	1/4	1,383.98	1/4	1,086.96	1/4	794.00	1/4	498.89	1/4	201.67	1/4		1/4		1/4		1/4	
1/2	1,674.76	1/2	1,377.79	1/2	1,080.77	1/2	787.97	1/2	492.70	1/2	195.48	1/2		1/2		1/2		1/2	
3/4	1,668.58	3/4	1,371.60	3/4	1,074.58	3/4	781.95	3/4	486.51	3/4	189.28	3/4		3/4		3/4		3/4	
9	1,662.39	9	1,365.41	9	1,068.39	9	775.92	9	480.32	9	183.09	9		9		9		9	
1/4	1,656.21	1/4	1,359.23	1/4	1,062.21	1/4	769.89	1/4	474.13	1/4	176.90	1/4		1/4		1/4		1/4	
1/2	1,650.02	1/2	1,353.04	1/2	1,056.02	1/2	763.86	1/2	467.93	1/2	170.71	1/2		1/2		1/2		1/2	
3/4	1,643.84	3/4	1,346.85	3/4	1,049.83	3/4	757.83	3/4	461.74	3/4	164.52	3/4		3/4		3/4		3/4	
10	1,637.66	10	1,340.66	10	1,043.64	10	751.80	10	455.55	10	158.32	10		10		10		10	
1/4	1,631.47	1/4	1,334.47	1/4	1,037.45	1/4	745.77	1/4	449.36	1/4	152.12	1/4		1/4		1/4		1/4	
1/2	1,625.29	1/2	1,328.29	1/2	1,031.27	1/2	739.74	1/2	443.16	1/2	145.93	1/2		1/2		1/2		1/2	
3/4	1,619.10	3/4	1,322.10	3/4	1,025.08	3/4	733.72	3/4	436.97	3/4	139.73	3/4		3/4		3/4		3/4	
11	1,612.92	11	1,315.91	11	1,018.89	11	727.62	11	430.78	11	133.54	11		11		11		11	
1/4	1,606.73	1/4	1,309.72	1/4	1,012.70	1/4	721.53	1/4	424.59	1/4	127.36	1/4		1/4		1/4		1/4	
1/2	1,600.55	1/2	1,303.53	1/2	1,006.52	1/2	715.44	1/2	418.40	1/2	121.17	1/2		1/2		1/2		1/2	
3/4	1,594.37	3/4	1,297.35	3/4	1,000.33	3/4	709.35	3/4	412.20	3/4	114.99	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/06/2015 CL
CALCULATED: 04/06/2015 CL
PRINTED: 04/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

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



BARGE "KIRBY 10059"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	3,469.99	0	3,234.51	0	2,972.92	0	2,711.33	0	2,449.21	0	2,186.22	0	1,923.23
1/4		1/4		1/4		1/4	3,469.08	1/4	3,229.06	1/4	2,967.47	1/4	2,705.88	1/4	2,443.73	1/4	2,180.74	1/4	1,917.75
1/2		1/2		1/2		1/2	3,468.16	1/2	3,223.61	1/2	2,962.02	1/2	2,700.43	1/2	2,438.25	1/2	2,175.26	1/2	1,912.27
3/4		3/4		3/4		3/4	3,465.42	3/4	3,218.16	3/4	2,956.57	3/4	2,694.98	3/4	2,432.77	3/4	2,169.78	3/4	1,906.79
1	1	1	1	1	1	1	3,462.68	1	3,212.71	1	2,951.12	1	2,689.53	1	2,427.30	1	2,164.30	1	1,901.31
1/4		1/4		1/4		1/4	3,459.94	1/4	3,207.26	1/4	2,945.67	1/4	2,684.08	1/4	2,421.82	1/4	2,158.82	1/4	1,895.83
1/2		1/2		1/2		1/2	3,457.20	1/2	3,201.81	1/2	2,940.22	1/2	2,678.63	1/2	2,416.34	1/2	2,153.35	1/2	1,890.35
3/4		3/4		3/4		3/4	3,452.76	3/4	3,196.36	3/4	2,934.77	3/4	2,673.18	3/4	2,410.86	3/4	2,147.87	3/4	1,884.87
2	2	2	2	2	2	2	3,448.32	2	3,190.91	2	2,929.32	2	2,667.73	2	2,405.38	2	2,142.39	2	1,879.40
1/4		1/4		1/4		1/4	3,443.88	1/4	3,185.46	1/4	2,923.87	1/4	2,662.28	1/4	2,399.90	1/4	2,136.91	1/4	1,873.92
1/2		1/2		1/2		1/2	3,439.44	1/2	3,180.01	1/2	2,918.42	1/2	2,656.83	1/2	2,394.42	1/2	2,131.43	1/2	1,868.44
3/4		3/4		3/4		3/4	3,434.13	3/4	3,174.56	3/4	2,912.97	3/4	2,651.38	3/4	2,388.94	3/4	2,125.95	3/4	1,862.96
3	3	3	3	3	3	3	3,428.82	3	3,169.11	3	2,907.52	3	2,645.93	3	2,383.46	3	2,120.47	3	1,857.48
1/4		1/4		1/4		1/4	3,423.51	1/4	3,163.66	1/4	2,902.07	1/4	2,640.48	1/4	2,377.98	1/4	2,114.99	1/4	1,852.00
1/2		1/2		1/2		1/2	3,418.20	1/2	3,158.21	1/2	2,896.62	1/2	2,635.03	1/2	2,372.51	1/2	2,109.51	1/2	1,846.52
3/4		3/4		3/4		3/4	3,412.86	3/4	3,152.76	3/4	2,891.17	3/4	2,629.58	3/4	2,367.03	3/4	2,104.03	3/4	1,841.04
4	4	4	4	4	4	4	3,407.52	4	3,147.31	4	2,885.72	4	2,624.13	4	2,361.55	4	2,098.56	4	1,835.56
1/4		1/4		1/4		1/4	3,402.17	1/4	3,141.86	1/4	2,880.27	1/4	2,618.68	1/4	2,356.07	1/4	2,093.08	1/4	1,830.08
1/2		1/2		1/2		1/2	3,396.83	1/2	3,136.41	1/2	2,874.82	1/2	2,613.23	1/2	2,350.59	1/2	2,087.60	1/2	1,824.61
3/4		3/4		3/4		3/4	3,391.48	3/4	3,130.96	3/4	2,869.37	3/4	2,607.78	3/4	2,345.11	3/4	2,082.12	3/4	1,819.13
5	5	5	5	5	5	5	3,386.12	5	3,125.51	5	2,863.92	5	2,602.33	5	2,339.63	5	2,076.64	5	1,813.65
1/4		1/4		1/4		1/4	3,380.77	1/4	3,120.06	1/4	2,858.47	1/4	2,596.88	1/4	2,334.15	1/4	2,071.16	1/4	1,808.17
1/2		1/2		1/2		1/2	3,375.42	1/2	3,114.61	1/2	2,853.02	1/2	2,591.43	1/2	2,328.67	1/2	2,065.68	1/2	1,802.69
3/4		3/4		3/4		3/4	3,370.07	3/4	3,109.16	3/4	2,847.57	3/4	2,585.98	3/4	2,323.19	3/4	2,060.20	3/4	1,797.21
6	6	6	6	6	6	6	3,364.71	6	3,103.71	6	2,842.12	6	2,580.53	6	2,317.72	6	2,054.72	6	1,791.73
1/4		1/4		1/4		1/4	3,359.36	1/4	3,098.26	1/4	2,836.67	1/4	2,575.08	1/4	2,312.24	1/4	2,049.24	1/4	1,786.25
1/2		1/2		1/2		1/2	3,354.01	1/2	3,092.81	1/2	2,831.22	1/2	2,569.63	1/2	2,306.76	1/2	2,043.77	1/2	1,780.77
3/4		3/4		3/4		3/4	3,348.66	3/4	3,087.36	3/4	2,825.77	3/4	2,564.18	3/4	2,301.28	3/4	2,038.29	3/4	1,775.29
7	7	7	7	7	7	7	3,343.31	7	3,081.91	7	2,820.32	7	2,558.73	7	2,295.80	7	2,032.81	7	1,769.82
1/4		1/4		1/4		1/4	3,337.96	1/4	3,076.46	1/4	2,814.87	1/4	2,553.28	1/4	2,290.32	1/4	2,027.33	1/4	1,764.34
1/2		1/2		1/2		1/2	3,332.60	1/2	3,071.01	1/2	2,809.42	1/2	2,547.83	1/2	2,284.84	1/2	2,021.85	1/2	1,758.86
3/4		3/4		3/4		3/4	3,327.15	3/4	3,065.56	3/4	2,803.97	3/4	2,542.35	3/4	2,279.36	3/4	2,016.37	3/4	1,753.38
8	8	8	8	8	8	8	3,321.71	8	3,060.11	8	2,798.52	8	2,536.88	8	2,273.88	8	2,010.89	8	1,747.90
1/4		1/4		1/4		1/4	3,316.26	1/4	3,054.66	1/4	2,793.07	1/4	2,531.40	1/4	2,268.40	1/4	2,005.41	1/4	1,742.42
1/2		1/2		1/2		1/2	3,310.81	1/2	3,049.22	1/2	2,787.62	1/2	2,525.92	1/2	2,262.93	1/2	1,999.93	1/2	1,736.94
3/4		3/4		3/4		3/4	3,305.36	3/4	3,043.77	3/4	2,782.17	3/4	2,520.44	3/4	2,257.45	3/4	1,994.45	3/4	1,731.46
9	9	9	9	9	9	9	3,299.91	9	3,038.32	9	2,776.73	9	2,514.96	9	2,251.97	9	1,988.98	9	1,725.98
1/4		1/4		1/4		1/4	3,294.46	1/4	3,032.87	1/4	2,771.28	1/4	2,509.48	1/4	2,246.49	1/4	1,983.50	1/4	1,720.50
1/2		1/2		1/2		1/2	3,289.01	1/2	3,027.42	1/2	2,765.83	1/2	2,504.00	1/2	2,241.01	1/2	1,978.02	1/2	1,715.03
3/4		3/4		3/4		3/4	3,283.56	3/4	3,021.97	3/4	2,760.38	3/4	2,498.52	3/4	2,235.53	3/4	1,972.54	3/4	1,709.55
10	10	10	10	10	10	10	3,278.11	10	3,016.52	10	2,754.93	10	2,493.04	10	2,230.05	10	1,967.06	10	1,704.07
1/4		1/4		1/4		1/4	3,272.66	1/4	3,011.07	1/4	2,749.48	1/4	2,487.56	1/4	2,224.57	1/4	1,961.58	1/4	1,698.59
1/2		1/2		1/2		1/2	3,267.21	1/2	3,005.62	1/2	2,744.03	1/2	2,482.09	1/2	2,219.09	1/2	1,956.10	1/2	1,693.11
3/4		3/4		3/4		3/4	3,261.76	3/4	3,000.17	3/4	2,738.58	3/4	2,476.61	3/4	2,213.61	3/4	1,950.62	3/4	1,687.63
11	11	11	11	11	11	11	3,256.31	11	2,994.72	11	2,733.13	11	2,471.13	11	2,208.14	11	1,945.14	11	1,682.15
1/4		1/4		1/4		1/4	3,250.86	1/4	2,989.27	1/4	2,727.68	1/4	2,465.65	1/4	2,202.66	1/4	1,939.66	1/4	1,676.67
1/2		1/2		1/2		1/2	3,471.82	1/2	3,245.41	1/2	2,983.82	1/2	2,722.23	1/2	2,460.17	1/2	1,934.19	1/2	1,671.19
3/4		3/4		3/4		3/4	3,470.90	3/4	3,239.96	3/4	2,978.37	3/4	2,716.78	3/4	2,454.69	3/4	1,928.71	3/4	1,665.71

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 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 10059"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	1,660.24	0	1,397.24	0	1,134.08	0	872.95	0	613.70	0	350.56	0	87.58	0					
1/4	1,654.76	1/4	1,391.75	1/4	1,128.59	1/4	867.55	1/4	608.22	1/4	345.08	1/4	82.13	1/4					
1/2	1,649.28	1/2	1,386.27	1/2	1,123.11	1/2	862.15	1/2	602.74	1/2	339.60	1/2	76.69	1/2					
3/4	1,643.80	3/4	1,380.79	3/4	1,117.63	3/4	856.76	3/4	597.26	3/4	334.12	3/4	71.27	3/4					
1	1,638.32	1	1,375.31	1	1,112.15	1	851.36	1	591.77	1	328.63	1	65.85	1					
1/4	1,632.84	1/4	1,369.82	1/4	1,106.66	1/4	845.96	1/4	586.29	1/4	323.15	1/4	60.43	1/4					
1/2	1,627.36	1/2	1,364.34	1/2	1,101.18	1/2	840.56	1/2	580.81	1/2	317.67	1/2	55.01	1/2					
3/4	1,621.88	3/4	1,358.86	3/4	1,095.70	3/4	835.17	3/4	575.33	3/4	312.19	3/4	49.64	3/4					
2	1,616.40	2	1,353.38	2	1,090.22	2	829.77	2	569.85	2	306.71	2	44.27	2					
1/4	1,610.92	1/4	1,347.89	1/4	1,084.73	1/4	824.37	1/4	564.36	1/4	301.22	1/4	38.91	1/4					
1/2	1,605.45	1/2	1,342.41	1/2	1,079.25	1/2	818.97	1/2	558.88	1/2	295.74	1/2	33.54	1/2					
3/4	1,599.97	3/4	1,336.93	3/4	1,073.77	3/4	813.58	3/4	553.40	3/4	290.26	3/4	28.98	3/4					
3	1,594.49	3	1,331.45	3	1,068.29	3	808.19	3	547.92	3	284.78	3	24.42	3					
1/4	1,589.01	1/4	1,325.96	1/4	1,062.80	1/4	802.80	1/4	542.44	1/4	279.29	1/4	19.86	1/4					
1/2	1,583.53	1/2	1,320.48	1/2	1,057.32	1/2	797.40	1/2	536.95	1/2	273.81	1/2	15.29	1/2					
3/4	1,578.05	3/4	1,315.00	3/4	1,051.84	3/4	792.01	3/4	531.47	3/4	268.33	3/4	12.55	3/4					
4	1,572.57	4	1,309.52	4	1,046.36	4	786.62	4	525.99	4	262.85	4	9.81	4					
1/4	1,567.09	1/4	1,304.03	1/4	1,040.87	1/4	781.23	1/4	520.51	1/4	257.37	1/4	7.07	1/4					
1/2	1,561.61	1/2	1,298.55	1/2	1,035.39	1/2	775.83	1/2	515.03	1/2	251.88	1/2	4.33	1/2					
3/4	1,556.13	3/4	1,293.07	3/4	1,029.91	3/4	770.44	3/4	509.54	3/4	246.40	3/4	3.42	3/4					
5	1,550.66	5	1,287.59	5	1,024.43	5	765.05	5	504.06	5	240.92	5	2.50	5					
1/4	1,545.18	1/4	1,282.10	1/4	1,018.94	1/4	759.66	1/4	498.58	1/4	235.44	1/4	1.59	1/4					
1/2	1,539.70	1/2	1,276.62	1/2	1,013.46	1/2	754.26	1/2	493.10	1/2	229.96	1/2	0.68	1/2					
3/4	1,534.22	3/4	1,271.14	3/4	1,008.02	3/4	748.87	3/4	487.61	3/4	224.47	3/4		3/4					
6	1,528.74	6	1,265.66	6	1,002.58	6	743.48	6	482.13	6	218.99	6		6					
1/4	1,523.26	1/4	1,260.17	1/4	997.14	1/4	738.09	1/4	476.65	1/4	213.51	1/4		1/4					
1/2	1,517.78	1/2	1,254.69	1/2	991.70	1/2	732.69	1/2	471.17	1/2	208.03	1/2		1/2					
3/4	1,512.30	3/4	1,249.21	3/4	986.30	3/4	727.30	3/4	465.69	3/4	202.55	3/4		3/4					
7	1,506.82	7	1,243.73	7	980.90	7	721.91	7	460.20	7	197.06	7		7					
1/4	1,501.34	1/4	1,238.24	1/4	975.51	1/4	716.52	1/4	454.72	1/4	191.58	1/4		1/4					
1/2	1,495.87	1/2	1,232.76	1/2	970.11	1/2	711.12	1/2	449.24	1/2	186.10	1/2		1/2					
3/4	1,490.39	3/4	1,227.28	3/4	964.71	3/4	705.73	3/4	443.76	3/4	180.62	3/4		3/4					
8	1,484.91	8	1,221.80	8	959.31	8	700.34	8	438.28	8	175.13	8		8					
1/4	1,479.43	1/4	1,216.31	1/4	953.91	1/4	694.95	1/4	432.79	1/4	169.65	1/4		1/4					
1/2	1,473.95	1/2	1,210.83	1/2	948.52	1/2	689.55	1/2	427.31	1/2	164.17	1/2		1/2					
3/4	1,468.47	3/4	1,205.35	3/4	943.12	3/4	684.16	3/4	421.83	3/4	158.69	3/4		3/4					
9	1,462.99	9	1,199.87	9	937.72	9	678.77	9	416.35	9	153.21	9		9					
1/4	1,457.51	1/4	1,194.38	1/4	932.32	1/4	673.38	1/4	410.87	1/4	147.73	1/4		1/4					
1/2	1,452.03	1/2	1,188.90	1/2	926.93	1/2	667.99	1/2	405.38	1/2	142.25	1/2		1/2					
3/4	1,446.55	3/4	1,183.42	3/4	921.53	3/4	662.59	3/4	399.90	3/4	136.77	3/4		3/4					
10	1,441.08	10	1,177.94	10	916.13	10	657.20	10	394.42	10	131.29	10		10					
1/4	1,435.60	1/4	1,172.45	1/4	910.73	1/4	651.81	1/4	388.94	1/4	125.82	1/4		1/4					
1/2	1,430.12	1/2	1,166.97	1/2	905.34	1/2	646.42	1/2	383.45	1/2	120.34	1/2		1/2					
3/4	1,424.64	3/4	1,161.49	3/4	899.94	3/4	640.98	3/4	377.97	3/4	114.87	3/4		3/4					
11	1,419.16	11	1,156.01	11	894.54	11	635.54	11	372.49	11	109.41	11		11					
1/4	1,413.68	1/4	1,150.52	1/4	889.14	1/4	630.10	1/4	367.01	1/4	103.94	1/4		1/4					
1/2	1,408.20	1/2	1,145.04	1/2	883.74	1/2	624.66	1/2	361.53	1/2	98.48	1/2		1/2					
3/4	1,402.72	3/4	1,139.56	3/4	878.35	3/4	619.18	3/4	356.04	3/4	93.03	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 10059"

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	3,231.70	0	2,972.44	0	2,713.18	0	2,453.51	0	2,192.84	0	1,932.18
1/4		1/4		1/4		1/4		1/4	3,226.30	1/4	2,967.04	1/4	2,707.78	1/4	2,448.08	1/4	2,187.41	1/4	1,926.75
1/2		1/2		1/2		1/2	3,445.29	1/2	3,220.90	1/2	2,961.64	1/2	2,702.38	1/2	2,442.65	1/2	2,181.98	1/2	1,921.32
3/4		3/4		3/4		3/4	3,444.39	3/4	3,215.50	3/4	2,956.24	3/4	2,696.98	3/4	2,437.22	3/4	2,176.55	3/4	1,915.89
1		1		1		1	3,443.48	1	3,210.10	1	2,950.84	1	2,691.57	1	2,431.79	1	2,171.12	1	1,910.46
1/4		1/4		1/4		1/4	3,442.58	1/4	3,204.70	1/4	2,945.44	1/4	2,686.17	1/4	2,426.36	1/4	2,165.69	1/4	1,905.03
1/2		1/2		1/2		1/2	3,441.67	1/2	3,199.30	1/2	2,940.03	1/2	2,680.77	1/2	2,420.93	1/2	2,160.26	1/2	1,899.60
3/4		3/4		3/4		3/4	3,438.95	3/4	3,193.90	3/4	2,934.63	3/4	2,675.37	3/4	2,415.50	3/4	2,154.83	3/4	1,894.17
2		2		2		2	3,436.24	2	3,188.49	2	2,929.23	2	2,669.97	2	2,410.06	2	2,149.40	2	1,888.74
1/4		1/4		1/4		1/4	3,433.52	1/4	3,183.09	1/4	2,923.83	1/4	2,664.57	1/4	2,404.63	1/4	2,143.97	1/4	1,883.31
1/2		1/2		1/2		1/2	3,430.80	1/2	3,177.69	1/2	2,918.43	1/2	2,659.17	1/2	2,399.20	1/2	2,138.54	1/2	1,877.88
3/4		3/4		3/4		3/4	3,426.40	3/4	3,172.29	3/4	2,913.03	3/4	2,653.77	3/4	2,393.77	3/4	2,133.11	3/4	1,872.45
3		3		3		3	3,422.01	3	3,166.89	3	2,907.63	3	2,648.36	3	2,388.34	3	2,127.68	3	1,867.01
1/4		1/4		1/4		1/4	3,417.61	1/4	3,161.49	1/4	2,902.23	1/4	2,642.96	1/4	2,382.91	1/4	2,122.25	1/4	1,861.58
1/2		1/2		1/2		1/2	3,413.21	1/2	3,156.09	1/2	2,896.82	1/2	2,637.56	1/2	2,377.48	1/2	2,116.82	1/2	1,856.15
3/4		3/4		3/4		3/4	3,407.95	3/4	3,150.69	3/4	2,891.42	3/4	2,632.16	3/4	2,372.05	3/4	2,111.39	3/4	1,850.72
4		4		4		4	3,402.68	4	3,145.28	4	2,886.02	4	2,626.76	4	2,366.62	4	2,105.96	4	1,845.29
1/4		1/4		1/4		1/4	3,397.42	1/4	3,139.88	1/4	2,880.62	1/4	2,621.36	1/4	2,361.19	1/4	2,100.53	1/4	1,839.86
1/2		1/2		1/2		1/2	3,392.16	1/2	3,134.48	1/2	2,875.22	1/2	2,615.96	1/2	2,355.76	1/2	2,095.10	1/2	1,834.43
3/4		3/4		3/4		3/4	3,386.86	3/4	3,129.08	3/4	2,869.82	3/4	2,610.56	3/4	2,350.33	3/4	2,089.67	3/4	1,829.00
5		5		5		5	3,381.57	5	3,123.68	5	2,864.42	5	2,605.15	5	2,344.90	5	2,084.23	5	1,823.57
1/4		1/4		1/4		1/4	3,376.28	1/4	3,118.28	1/4	2,859.02	1/4	2,599.75	1/4	2,339.47	1/4	2,078.80	1/4	1,818.14
1/2		1/2		1/2		1/2	3,370.98	1/2	3,112.88	1/2	2,853.61	1/2	2,594.35	1/2	2,334.04	1/2	2,073.37	1/2	1,812.71
3/4		3/4		3/4		3/4	3,365.67	3/4	3,107.47	3/4	2,848.21	3/4	2,588.95	3/4	2,328.61	3/4	2,067.94	3/4	1,807.28
6		6		6		6	3,360.36	6	3,102.07	6	2,842.81	6	2,583.55	6	2,323.18	6	2,062.51	6	1,801.85
1/4		1/4		1/4		1/4	3,355.06	1/4	3,096.67	1/4	2,837.41	1/4	2,578.15	1/4	2,317.75	1/4	2,057.08	1/4	1,796.42
1/2		1/2		1/2		1/2	3,349.75	1/2	3,091.27	1/2	2,832.01	1/2	2,572.75	1/2	2,312.32	1/2	2,051.65	1/2	1,790.99
3/4		3/4		3/4		3/4	3,344.44	3/4	3,085.87	3/4	2,826.61	3/4	2,567.34	3/4	2,306.89	3/4	2,046.22	3/4	1,785.56
7		7		7		7	3,339.14	7	3,080.47	7	2,821.21	7	2,561.94	7	2,301.45	7	2,040.79	7	1,780.13
1/4		1/4		1/4		1/4	3,333.84	1/4	3,075.07	1/4	2,815.80	1/4	2,556.54	1/4	2,296.02	1/4	2,035.36	1/4	1,774.70
1/2		1/2		1/2		1/2	3,328.54	1/2	3,069.67	1/2	2,810.40	1/2	2,551.14	1/2	2,290.59	1/2	2,029.93	1/2	1,769.27
3/4		3/4		3/4		3/4	3,323.23	3/4	3,064.26	3/4	2,805.00	3/4	2,545.74	3/4	2,285.16	3/4	2,024.50	3/4	1,763.84
8		8		8		8	3,317.93	8	3,058.86	8	2,799.60	8	2,540.34	8	2,279.73	8	2,019.07	8	1,758.40
1/4		1/4		1/4		1/4	3,312.63	1/4	3,053.46	1/4	2,794.20	1/4	2,534.94	1/4	2,274.30	1/4	2,013.64	1/4	1,752.97
1/2		1/2		1/2		1/2	3,307.32	1/2	3,048.06	1/2	2,788.80	1/2	2,529.54	1/2	2,268.87	1/2	2,008.21	1/2	1,747.54
3/4		3/4		3/4		3/4	3,301.92	3/4	3,042.66	3/4	2,783.40	3/4	2,524.11	3/4	2,263.44	3/4	2,002.78	3/4	1,742.11
9		9		9		9	3,296.52	9	3,037.26	9	2,778.00	9	2,518.67	9	2,258.01	9	1,997.35	9	1,736.68
1/4		1/4		1/4		1/4	3,291.12	1/4	3,031.86	1/4	2,772.59	1/4	2,513.24	1/4	2,252.58	1/4	1,991.92	1/4	1,731.25
1/2		1/2		1/2		1/2	3,285.72	1/2	3,026.46	1/2	2,767.19	1/2	2,507.81	1/2	2,247.15	1/2	1,986.49	1/2	1,725.82
3/4		3/4		3/4		3/4	3,280.32	3/4	3,021.05	3/4	2,761.79	3/4	2,502.38	3/4	2,241.72	3/4	1,981.06	3/4	1,720.39
10		10		10		10	3,274.92	10	3,015.65	10	2,756.39	10	2,496.95	10	2,236.29	10	1,975.62	10	1,714.96
1/4		1/4		1/4		1/4	3,269.51	1/4	3,010.25	1/4	2,750.99	1/4	2,491.52	1/4	2,230.86	1/4	1,970.19	1/4	1,709.53
1/2		1/2		1/2		1/2	3,264.11	1/2	3,004.85	1/2	2,745.59	1/2	2,486.09	1/2	2,225.43	1/2	1,964.76	1/2	1,704.10
3/4		3/4		3/4		3/4	3,258.71	3/4	2,999.45	3/4	2,740.19	3/4	2,480.66	3/4	2,220.00	3/4	1,959.33	3/4	1,698.67
11		11		11		11	3,253.31	11	2,994.05	11	2,734.79	11	2,475.23	11	2,214.57	11	1,953.90	11	1,693.24
1/4		1/4		1/4		1/4	3,247.91	1/4	2,988.65	1/4	2,729.38	1/4	2,469.80	1/4	2,209.14	1/4	1,948.47	1/4	1,687.81
1/2		1/2		1/2		1/2	3,242.51	1/2	2,983.25	1/2	2,723.98	1/2	2,464.37	1/2	2,203.71	1/2	1,943.04	1/2	1,682.38
3/4		3/4		3/4		3/4	3,237.11	3/4	2,977.84	3/4	2,718.58	3/4	2,458.94	3/4	2,198.28	3/4	1,937.61	3/4	1,676.95

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 24'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 10059"

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	1,671.52	0	1,410.85	0	1,150.03	0	890.00	0	630.00	0	369.19	0	108.44	0		0		0	
1/4	1,666.09	1/4	1,405.42	1/4	1,144.60	1/4	884.60	1/4	624.57	1/4	363.76	1/4	103.03	1/4		1/4		1/4	
1/2	1,660.66	1/2	1,399.99	1/2	1,139.16	1/2	879.21	1/2	619.14	1/2	358.33	1/2	97.61	1/2		1/2		1/2	
3/4	1,655.23	3/4	1,394.56	3/4	1,133.73	3/4	873.81	3/4	613.70	3/4	352.89	3/4	92.21	3/4		3/4		3/4	
1	1,649.79	1	1,389.12	1	1,128.30	1	868.41	1	608.27	1	347.46	1	86.81	1		1		1	
1/4	1,644.36	1/4	1,383.69	1/4	1,122.86	1/4	863.01	1/4	602.84	1/4	342.03	1/4	81.41	1/4		1/4		1/4	
1/2	1,638.93	1/2	1,378.26	1/2	1,117.43	1/2	857.62	1/2	597.40	1/2	336.59	1/2	76.01	1/2		1/2		1/2	
3/4	1,633.50	3/4	1,372.82	3/4	1,112.00	3/4	852.22	3/4	591.97	3/4	331.16	3/4	70.64	3/4		3/4		3/4	
2	1,628.07	2	1,367.39	2	1,106.56	2	846.82	2	586.53	2	325.73	2	65.27	2		2		2	
1/4	1,622.64	1/4	1,361.95	1/4	1,101.13	1/4	841.42	1/4	581.10	1/4	320.29	1/4	59.90	1/4		1/4		1/4	
1/2	1,617.21	1/2	1,356.52	1/2	1,095.69	1/2	836.02	1/2	575.67	1/2	314.86	1/2	54.53	1/2		1/2		1/2	
3/4	1,611.78	3/4	1,351.09	3/4	1,090.26	3/4	830.63	3/4	570.23	3/4	309.43	3/4	49.21	3/4		3/4		3/4	
3	1,606.35	3	1,345.65	3	1,084.83	3	825.23	3	564.80	3	303.99	3	43.89	3		3		3	
1/4	1,600.92	1/4	1,340.22	1/4	1,079.39	1/4	819.83	1/4	559.37	1/4	298.56	1/4	38.57	1/4		1/4		1/4	
1/2	1,595.49	1/2	1,334.79	1/2	1,073.96	1/2	814.43	1/2	553.93	1/2	293.13	1/2	33.24	1/2		1/2		1/2	
3/4	1,590.06	3/4	1,329.35	3/4	1,068.52	3/4	809.04	3/4	548.50	3/4	287.69	3/4	28.72	3/4		3/4		3/4	
4	1,584.63	4	1,323.92	4	1,063.09	4	803.65	4	543.07	4	282.26	4	24.20	4		4		4	
1/4	1,579.20	1/4	1,318.48	1/4	1,057.66	1/4	798.26	1/4	537.63	1/4	276.83	1/4	19.68	1/4		1/4		1/4	
1/2	1,573.77	1/2	1,313.05	1/2	1,052.22	1/2	792.86	1/2	532.20	1/2	271.39	1/2	15.16	1/2		1/2		1/2	
3/4	1,568.34	3/4	1,307.62	3/4	1,046.79	3/4	787.44	3/4	526.77	3/4	265.96	3/4	12.45	3/4		3/4		3/4	
5	1,562.91	5	1,302.18	5	1,041.35	5	782.01	5	521.33	5	260.52	5	9.73	5		5		5	
1/4	1,557.48	1/4	1,296.75	1/4	1,035.92	1/4	776.58	1/4	515.90	1/4	255.09	1/4	7.01	1/4		1/4		1/4	
1/2	1,552.05	1/2	1,291.31	1/2	1,030.49	1/2	771.15	1/2	510.47	1/2	249.66	1/2	4.30	1/2		1/2		1/2	
3/4	1,546.62	3/4	1,285.88	3/4	1,025.05	3/4	765.72	3/4	505.03	3/4	244.22	3/4	3.39	3/4		3/4		3/4	
6	1,541.18	6	1,280.45	6	1,019.62	6	760.29	6	499.60	6	238.79	6	2.49	6		6		6	
1/4	1,535.75	1/4	1,275.01	1/4	1,014.18	1/4	754.86	1/4	494.17	1/4	233.36	1/4	1.58	1/4		1/4		1/4	
1/2	1,530.32	1/2	1,269.58	1/2	1,008.75	1/2	749.44	1/2	488.73	1/2	227.92	1/2	0.68	1/2		1/2		1/2	
3/4	1,524.89	3/4	1,264.14	3/4	1,003.35	3/4	744.01	3/4	483.30	3/4	222.49	3/4		3/4		3/4		3/4	
7	1,519.46	7	1,258.71	7	997.96	7	738.58	7	477.86	7	217.06	7		7		7		7	
1/4	1,514.03	1/4	1,253.28	1/4	992.56	1/4	733.15	1/4	472.43	1/4	211.62	1/4		1/4		1/4		1/4	
1/2	1,508.60	1/2	1,247.84	1/2	987.16	1/2	727.72	1/2	467.00	1/2	206.19	1/2		1/2		1/2		1/2	
3/4	1,503.17	3/4	1,242.41	3/4	981.76	3/4	722.29	3/4	461.56	3/4	200.76	3/4		3/4		3/4		3/4	
8	1,497.74	8	1,236.97	8	976.36	8	716.86	8	456.13	8	195.32	8		8		8		8	
1/4	1,492.31	1/4	1,231.54	1/4	970.97	1/4	711.44	1/4	450.70	1/4	189.89	1/4		1/4		1/4		1/4	
1/2	1,486.88	1/2	1,226.11	1/2	965.57	1/2	706.01	1/2	445.26	1/2	184.46	1/2		1/2		1/2		1/2	
3/4	1,481.45	3/4	1,220.67	3/4	960.17	3/4	700.58	3/4	439.83	3/4	179.02	3/4		3/4		3/4		3/4	
9	1,476.02	9	1,215.24	9	954.77	9	695.15	9	434.40	9	173.59	9		9		9		9	
1/4	1,470.59	1/4	1,209.81	1/4	949.38	1/4	689.72	1/4	428.96	1/4	168.16	1/4		1/4		1/4		1/4	
1/2	1,465.16	1/2	1,204.37	1/2	943.98	1/2	684.29	1/2	423.53	1/2	162.72	1/2		1/2		1/2		1/2	
3/4	1,459.73	3/4	1,198.94	3/4	938.58	3/4	678.86	3/4	418.10	3/4	157.29	3/4		3/4		3/4		3/4	
10	1,454.30	10	1,193.50	10	933.18	10	673.44	10	412.66	10	151.86	10		10		10		10	
1/4	1,448.87	1/4	1,188.07	1/4	927.79	1/4	668.01	1/4	407.23	1/4	146.42	1/4		1/4		1/4		1/4	
1/2	1,443.44	1/2	1,182.64	1/2	922.39	1/2	662.58	1/2	401.80	1/2	140.99	1/2		1/2		1/2		1/2	
3/4	1,438.01	3/4	1,177.20	3/4	916.99	3/4	657.15	3/4	396.36	3/4	135.56	3/4		3/4		3/4		3/4	
11	1,432.57	11	1,171.77	11	911.59	11	651.72	11	390.93	11	130.13	11		11		11		11	
1/4	1,427.14	1/4	1,166.33	1/4	906.19	1/4	646.30	1/4	385.50	1/4	124.71	1/4		1/4		1/4		1/4	
1/2	1,421.71	1/2	1,160.90	1/2	900.80	1/2	640.87	1/2	380.06	1/2	119.28	1/2		1/2		1/2		1/2	
3/4	1,416.28	3/4	1,155.47	3/4	895.40	3/4	635.43	3/4	374.63	3/4	113.86	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/06/2015 CL
CALCULATED: 04/06/2015 CL
PRINTED: 04/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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