



BARGE "KIRBY 10235"

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	00-3/4	- 00-3/4
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"

June 7, 2012

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

<http://www.pmacorp.net>



BARGE "KIRBY 10235"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

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		
							3,763.87		3,534.47		3,281.47		3,028.46		2,766.24		2,470.46		2,174.05		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,762.84	1/4	3,529.20	1/4	3,276.20	1/4	3,023.19	1/4	2,760.08	1/4	2,464.29	1/4	2,167.87		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,761.80	1/2	3,523.93	1/2	3,270.93	1/2	3,017.92	1/2	2,753.93	1/2	2,458.11	1/2	2,161.70		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,758.70	3/4	3,518.66	3/4	3,265.66	3/4	3,012.65	3/4	2,747.77	3/4	2,451.94	3/4	2,155.52		
1	1	1	1	1	1	1	3,755.60	1	3,513.39	1	3,260.38	1	3,007.38	1	2,741.61	1	2,445.76	1	2,149.35		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,752.50	1/4	3,508.12	1/4	3,255.11	1/4	3,002.11	1/4	2,735.46	1/4	2,439.59	1/4	2,143.17		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,749.40	1/2	3,502.85	1/2	3,249.84	1/2	2,996.84	1/2	2,729.30	1/2	2,433.41	1/2	2,137.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,745.25	3/4	3,497.57	3/4	3,244.57	3/4	2,991.57	3/4	2,723.14	3/4	2,427.23	3/4	2,130.82		
2	2	2	2	2	2	2	3,741.10	2	3,492.30	2	3,239.30	2	2,986.30	2	2,716.99	2	2,421.06	2	2,124.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,736.95	1/4	3,487.03	1/4	3,234.03	1/4	2,981.03	1/4	2,710.83	1/4	2,414.88	1/4	2,118.47		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,732.80	1/2	3,481.76	1/2	3,228.76	1/2	2,975.76	1/2	2,704.67	1/2	2,408.71	1/2	2,112.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,727.66	3/4	3,476.49	3/4	3,223.49	3/4	2,970.48	3/4	2,698.52	3/4	2,402.53	3/4	2,106.12		
3	3	3	3	3	3	3	3,722.53	3	3,471.22	3	3,218.22	3	2,965.21	3	2,692.36	3	2,396.36	3	2,099.94		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,717.39	1/4	3,465.95	1/4	3,212.95	1/4	2,959.94	1/4	2,686.20	1/4	2,390.18	1/4	2,093.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,712.25	1/2	3,460.68	1/2	3,207.68	1/2	2,954.67	1/2	2,680.05	1/2	2,384.01	1/2	2,087.59		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,707.08	3/4	3,455.41	3/4	3,202.40	3/4	2,949.40	3/4	2,673.89	3/4	2,377.83	3/4	2,081.42		
4	4	4	4	4	4	4	3,701.91	4	3,450.14	4	3,197.13	4	2,944.13	4	2,667.73	4	2,371.66	4	2,075.24		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,696.74	1/4	3,444.87	1/4	3,191.86	1/4	2,938.86	1/4	2,661.58	1/4	2,365.48	1/4	2,069.07		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,691.56	1/2	3,439.59	1/2	3,186.59	1/2	2,933.59	1/2	2,655.42	1/2	2,359.31	1/2	2,062.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,686.38	3/4	3,434.32	3/4	3,181.32	3/4	2,928.32	3/4	2,649.27	3/4	2,353.13	3/4	2,056.72		
5	5	5	5	5	5	5	3,681.19	5	3,429.05	5	3,176.05	5	2,923.05	5	2,643.11	5	2,346.96	5	2,050.54		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,676.00	1/4	3,423.78	1/4	3,170.78	1/4	2,917.78	1/4	2,636.95	1/4	2,340.78	1/4	2,044.37		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,670.82	1/2	3,418.51	1/2	3,165.51	1/2	2,912.50	1/2	2,630.80	1/2	2,334.61	1/2	2,038.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,665.63	3/4	3,413.24	3/4	3,160.24	3/4	2,907.23	3/4	2,624.64	3/4	2,328.43	3/4	2,032.02		
6	6	6	6	6	6	6	3,660.45	6	3,407.97	6	3,154.97	6	2,901.96	6	2,618.48	6	2,322.25	6	2,025.84		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,655.27	1/4	3,402.70	1/4	3,149.70	1/4	2,896.69	1/4	2,612.33	1/4	2,316.08	1/4	2,019.67		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,650.08	1/2	3,397.43	1/2	3,144.42	1/2	2,891.42	1/2	2,606.17	1/2	2,309.90	1/2	2,013.49		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,644.90	3/4	3,392.16	3/4	3,139.15	3/4	2,886.15	3/4	2,600.01	3/4	2,303.73	3/4	2,007.31		
7	7	7	7	7	7	7	3,639.72	7	3,386.89	7	3,133.88	7	2,880.88	7	2,593.86	7	2,297.55	7	2,001.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,634.53	1/4	3,381.62	1/4	3,128.61	1/4	2,875.61	1/4	2,587.70	1/4	2,291.38	1/4	1,994.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,629.35	1/2	3,376.34	1/2	3,123.34	1/2	2,870.34	1/2	2,581.54	1/2	2,285.20	1/2	1,988.79		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,624.08	3/4	3,371.07	3/4	3,118.07	3/4	2,865.04	3/4	2,575.39	3/4	2,279.03	3/4	1,982.61		
8	8	8	8	8	8	8	3,618.81	8	3,365.80	8	3,112.80	8	2,859.75	8	2,569.23	8	2,272.85	8	1,976.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,613.53	1/4	3,360.53	1/4	3,107.53	1/4	2,854.45	1/4	2,563.07	1/4	2,266.68	1/4	1,970.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,608.26	1/2	3,355.26	1/2	3,102.26	1/2	2,849.15	1/2	2,556.92	1/2	2,260.50	1/2	1,964.09		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,602.99	3/4	3,349.99	3/4	3,096.99	3/4	2,843.86	3/4	2,550.74	3/4	2,254.33	3/4	1,957.91		
9	9	9	9	9	9	9	3,597.72	9	3,344.72	9	3,091.72	9	2,838.56	9	2,544.57	9	2,248.15	9	1,951.74		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,592.45	1/4	3,339.45	1/4	3,086.44	1/4	2,833.27	1/4	2,538.39	1/4	2,241.98	1/4	1,945.56		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,587.18	1/2	3,334.18	1/2	3,081.17	1/2	2,827.97	1/2	2,532.21	1/2	2,235.80	1/2	1,939.39		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,581.91	3/4	3,328.91	3/4	3,075.90	3/4	2,821.77	3/4	2,526.04	3/4	2,229.63	3/4	1,933.21		
10	10	10	10	10	10	10	3,576.64	10	3,323.64	10	3,070.63	10	2,815.58	10	2,519.86	10	2,223.45	10	1,927.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,571.37	1/4	3,318.36	1/4	3,065.36	1/4	2,809.38	1/4	2,513.69	1/4	2,217.27	1/4	1,920.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,566.10	1/2	3,313.09	1/2	3,060.09	1/2	2,803.18	1/2	2,507.51	1/2	2,211.10	1/2	1,914.68		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,560.83	3/4	3,307.82	3/4	3,054.82	3/4	2,797.02	3/4	2,501.34	3/4	2,204.92	3/4	1,908.51		
11	11	11	11	11	11	11	3,555.55	11	3,302.55	11	3,049.55	11	2,790.87	11	2,495.16	11	2,198.75	11	1,902.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,550.28	1/4	3,297.28	1/4	3,044.28	1/4	2,784.71	1/4	2,488.99	1/4	2,192.57	1/4	1,896.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,765.94	1/2	3,545.01	1/2	3,292.01	1/2	3,039.01	1/2	2,778.55	1/2	2,482.81	1/2	2,186.40	1/2	1,889.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,764.90	3/4	3,539.74	3/4	3,286.74	3/4	3,033.74	3/4	2,772.40	3/4	2,476.64	3/4	2,180.22	3/4	1,883.81

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'-09" 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 10235"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	1,871.46	1/4	1,574.79	1/4	1,277.96	1/4	981.13	1/4	690.38	1/4	393.37	1/4	96.43	1/4		1/4		1/4		1/4	
1/2	1,865.28	1/2	1,568.60	1/2	1,271.78	1/2	974.95	1/2	684.21	1/2	387.19	1/2	90.27	1/2		1/2		1/2		1/2	
3/4	1,859.11	3/4	1,562.42	3/4	1,265.59	3/4	968.83	3/4	678.02	3/4	381.00	3/4	84.14	3/4		3/4		3/4		3/4	
1	1,852.93	1	1,556.24	1	1,259.41	1	962.71	1	671.84	1	374.81	1	78.02	1		1		1		1	
1/4	1,846.76	1/4	1,550.05	1/4	1,253.22	1/4	956.59	1/4	665.65	1/4	368.62	1/4	71.89	1/4		1/4		1/4		1/4	
1/2	1,840.58	1/2	1,543.87	1/2	1,247.04	1/2	950.46	1/2	659.46	1/2	362.43	1/2	65.76	1/2		1/2		1/2		1/2	
3/4	1,834.41	3/4	1,537.68	3/4	1,240.86	3/4	944.41	3/4	653.27	3/4	356.24	3/4	59.69	3/4		3/4		3/4		3/4	
2	1,828.23	2	1,531.50	2	1,234.67	2	938.35	2	647.09	2	350.06	2	53.62	2		2		2		2	
1/4	1,822.06	1/4	1,525.32	1/4	1,228.49	1/4	932.29	1/4	640.90	1/4	343.87	1/4	47.54	1/4		1/4		1/4		1/4	
1/2	1,815.88	1/2	1,519.13	1/2	1,222.30	1/2	926.23	1/2	634.71	1/2	337.68	1/2	41.47	1/2		1/2		1/2		1/2	
3/4	1,809.70	3/4	1,512.95	3/4	1,216.12	3/4	920.17	3/4	628.53	3/4	331.49	3/4	36.31	3/4		3/4		3/4		3/4	
3	1,803.51	3	1,506.76	3	1,209.94	3	914.12	3	622.34	3	325.30	3	31.16	3		3		3		3	
1/4	1,797.33	1/4	1,500.58	1/4	1,203.75	1/4	908.06	1/4	616.15	1/4	319.12	1/4	26.00	1/4		1/4		1/4		1/4	
1/2	1,791.15	1/2	1,494.40	1/2	1,197.57	1/2	902.00	1/2	609.96	1/2	312.93	1/2	20.84	1/2		1/2		1/2		1/2	
3/4	1,784.96	3/4	1,488.21	3/4	1,191.39	3/4	895.96	3/4	603.77	3/4	306.74	3/4	17.74	3/4		3/4		3/4		3/4	
4	1,778.78	4	1,482.03	4	1,185.20	4	889.92	4	597.58	4	300.55	4	14.64	4		4		4		4	
1/4	1,772.59	1/4	1,475.84	1/4	1,179.02	1/4	883.88	1/4	591.40	1/4	294.36	1/4	11.54	1/4		1/4		1/4		1/4	
1/2	1,766.41	1/2	1,469.66	1/2	1,172.83	1/2	877.84	1/2	585.21	1/2	288.17	1/2	8.44	1/2		1/2		1/2		1/2	
3/4	1,760.23	3/4	1,463.48	3/4	1,166.65	3/4	871.81	3/4	579.02	3/4	281.99	3/4	7.41	3/4		3/4		3/4		3/4	
5	1,754.04	5	1,457.29	5	1,160.47	5	865.79	5	572.83	5	275.80	5	6.38	5		5		5		5	
1/4	1,747.86	1/4	1,451.11	1/4	1,154.28	1/4	859.76	1/4	566.64	1/4	269.61	1/4	5.34	1/4		1/4		1/4		1/4	
1/2	1,741.68	1/2	1,444.92	1/2	1,148.10	1/2	853.74	1/2	560.45	1/2	263.42	1/2	4.31	1/2		1/2		1/2		1/2	
3/4	1,735.49	3/4	1,438.74	3/4	1,141.91	3/4	847.71	3/4	554.27	3/4	257.23	3/4		3/4		3/4		3/4		3/4	
6	1,729.31	6	1,432.56	6	1,135.73	6	841.69	6	548.08	6	251.04	6		6		6		6		6	
1/4	1,723.13	1/4	1,426.37	1/4	1,129.55	1/4	835.67	1/4	541.89	1/4	244.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,716.95	1/2	1,420.19	1/2	1,123.36	1/2	829.64	1/2	535.70	1/2	238.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,710.77	3/4	1,414.01	3/4	1,117.18	3/4	823.62	3/4	529.51	3/4	232.48	3/4		3/4		3/4		3/4		3/4	
7	1,704.59	7	1,407.82	7	1,110.99	7	817.59	7	523.33	7	226.29	7		7		7		7		7	
1/4	1,698.41	1/4	1,401.64	1/4	1,104.81	1/4	811.57	1/4	517.14	1/4	220.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,692.22	1/2	1,395.45	1/2	1,098.63	1/2	805.54	1/2	510.95	1/2	213.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,686.04	3/4	1,389.27	3/4	1,092.44	3/4	799.52	3/4	504.76	3/4	207.73	3/4		3/4		3/4		3/4		3/4	
8	1,679.86	8	1,383.09	8	1,086.26	8	793.49	8	498.57	8	201.54	8		8		8		8		8	
1/4	1,673.68	1/4	1,376.90	1/4	1,080.07	1/4	787.47	1/4	492.38	1/4	195.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,667.50	1/2	1,370.72	1/2	1,073.89	1/2	781.44	1/2	486.20	1/2	189.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,661.32	3/4	1,364.53	3/4	1,067.71	3/4	775.42	3/4	480.01	3/4	182.98	3/4		3/4		3/4		3/4		3/4	
9	1,655.14	9	1,358.35	9	1,061.52	9	769.39	9	473.82	9	176.79	9		9		9		9		9	
1/4	1,648.96	1/4	1,352.17	1/4	1,055.34	1/4	763.37	1/4	467.63	1/4	170.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,642.78	1/2	1,345.98	1/2	1,049.16	1/2	757.34	1/2	461.44	1/2	164.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,636.60	3/4	1,339.80	3/4	1,042.97	3/4	751.32	3/4	455.26	3/4	158.22	3/4		3/4		3/4		3/4		3/4	
10	1,630.42	10	1,333.61	10	1,036.79	10	745.29	10	449.07	10	152.03	10		10		10		10		10	
1/4	1,624.24	1/4	1,327.43	1/4	1,030.60	1/4	739.27	1/4	442.88	1/4	145.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,618.06	1/2	1,321.25	1/2	1,024.42	1/2	733.24	1/2	436.69	1/2	139.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,611.88	3/4	1,315.06	3/4	1,018.24	3/4	727.16	3/4	430.50	3/4	133.46	3/4		3/4		3/4		3/4		3/4	
11	1,605.70	11	1,308.88	11	1,012.05	11	721.07	11	424.31	11	127.28	11		11		11		11		11	
1/4	1,599.52	1/4	1,302.70	1/4	1,005.87	1/4	714.98	1/4	418.13	1/4	121.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,593.34	1/2	1,296.51	1/2	999.68	1/2	708.89	1/2	411.94	1/2	114.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,587.15	3/4	1,290.33	3/4	993.50	3/4	702.72	3/4	405.75	3/4	108.75	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2012 CL - SW
CALCULATED: 06/07/2012 CL
PRINTED: 06/07/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2012

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



BARGE "KIRBY 10235"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

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		
							3,463.10		3,228.08		2,967.01		2,705.94		2,444.34		2,181.87		1,919.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,462.18	1/4	3,222.64	1/4	2,961.57	1/4	2,700.50	1/4	2,438.87	1/4	2,176.41	1/4	1,913.94		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,461.27	1/2	3,217.20	1/2	2,956.13	1/2	2,695.06	1/2	2,433.41	1/2	2,170.94	1/2	1,908.47		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,458.54	3/4	3,211.77	3/4	2,950.69	3/4	2,689.62	3/4	2,427.94	3/4	2,165.47	3/4	1,903.00		
1	1	1	1	1	1	1	3,455.80	1	3,206.33	1	2,945.25	1	2,684.18	1	2,422.47	1	2,160.00	1	1,897.53		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,453.07	1/4	3,200.89	1/4	2,939.82	1/4	2,678.74	1/4	2,417.00	1/4	2,154.53	1/4	1,892.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,450.33	1/2	3,195.45	1/2	2,934.38	1/2	2,673.30	1/2	2,411.53	1/2	2,149.07	1/2	1,886.60		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,445.90	3/4	3,190.01	3/4	2,928.94	3/4	2,667.87	3/4	2,406.07	3/4	2,143.60	3/4	1,881.13		
2	2	2	2	2	2	2	3,441.47	2	3,184.57	2	2,923.50	2	2,662.43	2	2,400.60	2	2,138.13	2	1,875.66		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,437.04	1/4	3,179.13	1/4	2,918.06	1/4	2,656.99	1/4	2,395.13	1/4	2,132.66	1/4	1,870.19		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,432.61	1/2	3,173.69	1/2	2,912.62	1/2	2,651.55	1/2	2,389.66	1/2	2,127.19	1/2	1,864.72		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,427.31	3/4	3,168.25	3/4	2,907.18	3/4	2,646.11	3/4	2,384.19	3/4	2,121.72	3/4	1,859.26		
3	3	3	3	3	3	3	3,422.01	3	3,162.81	3	2,901.74	3	2,640.67	3	2,378.73	3	2,116.26	3	1,853.79		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,416.71	1/4	3,157.38	1/4	2,896.30	1/4	2,635.23	1/4	2,373.26	1/4	2,110.79	1/4	1,848.32		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,411.41	1/2	3,151.94	1/2	2,890.86	1/2	2,629.79	1/2	2,367.79	1/2	2,105.32	1/2	1,842.85		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,406.08	3/4	3,146.50	3/4	2,885.43	3/4	2,624.35	3/4	2,362.32	3/4	2,099.85	3/4	1,837.38		
4	4	4	4	4	4	4	3,400.75	4	3,141.06	4	2,879.99	4	2,618.91	4	2,356.85	4	2,094.38	4	1,831.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,395.41	1/4	3,135.62	1/4	2,874.55	1/4	2,613.48	1/4	2,351.38	1/4	2,088.92	1/4	1,826.45		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,390.08	1/2	3,130.18	1/2	2,869.11	1/2	2,608.04	1/2	2,345.92	1/2	2,083.45	1/2	1,820.98		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,384.74	3/4	3,124.74	3/4	2,863.67	3/4	2,602.60	3/4	2,340.45	3/4	2,077.98	3/4	1,815.51		
5	5	5	5	5	5	5	3,379.40	5	3,119.30	5	2,858.23	5	2,597.16	5	2,334.98	5	2,072.51	5	1,810.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,374.05	1/4	3,113.86	1/4	2,852.79	1/4	2,591.72	1/4	2,329.51	1/4	2,067.04	1/4	1,804.57		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,368.71	1/2	3,108.42	1/2	2,847.35	1/2	2,586.28	1/2	2,324.04	1/2	2,061.58	1/2	1,799.11		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,363.37	3/4	3,102.99	3/4	2,841.91	3/4	2,580.84	3/4	2,318.58	3/4	2,056.11	3/4	1,793.64		
6	6	6	6	6	6	6	3,358.03	6	3,097.55	6	2,836.47	6	2,575.40	6	2,313.11	6	2,050.64	6	1,788.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,352.69	1/4	3,092.11	1/4	2,831.04	1/4	2,569.96	1/4	2,307.64	1/4	2,045.17	1/4	1,782.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,347.35	1/2	3,086.67	1/2	2,825.60	1/2	2,564.52	1/2	2,302.17	1/2	2,039.70	1/2	1,777.23		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,342.01	3/4	3,081.23	3/4	2,820.16	3/4	2,559.09	3/4	2,296.70	3/4	2,034.23	3/4	1,771.77		
7	7	7	7	7	7	7	3,336.67	7	3,075.79	7	2,814.72	7	2,553.65	7	2,291.24	7	2,028.77	7	1,766.30		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,331.33	1/4	3,070.35	1/4	2,809.28	1/4	2,548.21	1/4	2,285.77	1/4	2,023.30	1/4	1,760.83		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,325.98	1/2	3,064.91	1/2	2,803.84	1/2	2,542.77	1/2	2,280.30	1/2	2,017.83	1/2	1,755.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,320.55	3/4	3,059.47	3/4	2,798.40	3/4	2,537.30	3/4	2,274.83	3/4	2,012.36	3/4	1,749.89		
8	8	8	8	8	8	8	3,315.11	8	3,054.03	8	2,792.96	8	2,531.83	8	2,269.36	8	2,006.89	8	1,744.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,309.67	1/4	3,048.60	1/4	2,787.52	1/4	2,526.36	1/4	2,263.90	1/4	2,001.43	1/4	1,738.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,304.23	1/2	3,043.16	1/2	2,782.08	1/2	2,520.90	1/2	2,258.43	1/2	1,995.96	1/2	1,733.49		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,298.79	3/4	3,037.72	3/4	2,776.65	3/4	2,515.43	3/4	2,252.96	3/4	1,990.49	3/4	1,728.02		
9	9	9	9	9	9	9	3,293.35	9	3,032.28	9	2,771.21	9	2,509.96	9	2,247.49	9	1,985.02	9	1,722.55		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,287.91	1/4	3,026.84	1/4	2,765.77	1/4	2,504.49	1/4	2,242.02	1/4	1,979.55	1/4	1,717.09		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,282.47	1/2	3,021.40	1/2	2,760.33	1/2	2,499.02	1/2	2,236.55	1/2	1,974.09	1/2	1,711.62		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,277.03	3/4	3,015.96	3/4	2,754.89	3/4	2,493.56	3/4	2,231.09	3/4	1,968.62	3/4	1,706.15		
10	10	10	10	10	10	10	3,271.59	10	3,010.52	10	2,749.45	10	2,488.09	10	2,225.62	10	1,963.15	10	1,700.68		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,266.16	1/4	3,005.08	1/4	2,744.01	1/4	2,482.62	1/4	2,220.15	1/4	1,957.68	1/4	1,695.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,260.72	1/2	2,999.64	1/2	2,738.57	1/2	2,477.15	1/2	2,214.68	1/2	1,952.21	1/2	1,689.74		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,255.28	3/4	2,994.21	3/4	2,733.13	3/4	2,471.68	3/4	2,209.21	3/4	1,946.75	3/4	1,684.28		
11	11	11	11	11	11	11	3,249.84	11	2,988.77	11	2,727.69	11	2,466.21	11	2,203.75	11	1,941.28	11	1,678.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,244.40	1/4	2,983.33	1/4	2,722.26	1/4	2,460.75	1/4	2,198.28	1/4	1,935.81	1/4	1,673.34		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,464.92	1/2	3,238.96	1/2	2,977.89	1/2	2,716.82	1/2	2,455.28	1/2	2,192.81	1/2	1,930.34	1/2	1,667.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,464.01	3/4	3,233.52	3/4	2,972.45	3/4	2,711.38	3/4	2,449.81	3/4	2,187.34	3/4	1,924.87	3/4	1,662.40

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 10235"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,656.94	0	1,394.46	0	1,131.82	0	871.22	0	612.48	0	349.87	0	87.41	0		0		0	
1/4	1,651.47	1/4	1,388.99	1/4	1,126.35	1/4	865.83	1/4	607.01	1/4	344.39	1/4	81.97	1/4	1/4	1/4		1/4	
1/2	1,646.00	1/2	1,383.52	1/2	1,120.88	1/2	860.44	1/2	601.54	1/2	338.92	1/2	76.54	1/2	1/2	1/2		1/2	
3/4	1,640.53	3/4	1,378.05	3/4	1,115.41	3/4	855.05	3/4	596.07	3/4	333.45	3/4	71.13	3/4	3/4	3/4		3/4	
1	1,635.06	1	1,372.57	1	1,109.94	1	849.67	1	590.60	1	327.98	1	65.72	1	1	1		1	
1/4	1,629.60	1/4	1,367.10	1/4	1,104.47	1/4	844.28	1/4	585.13	1/4	322.51	1/4	60.31	1/4	1/4	1/4		1/4	
1/2	1,624.13	1/2	1,361.63	1/2	1,098.99	1/2	838.89	1/2	579.66	1/2	317.04	1/2	54.90	1/2	1/2	1/2		1/2	
3/4	1,618.66	3/4	1,356.16	3/4	1,093.52	3/4	833.51	3/4	574.18	3/4	311.57	3/4	49.54	3/4	3/4	3/4		3/4	
2	1,613.19	2	1,350.69	2	1,088.05	2	828.12	2	568.71	2	306.10	2	44.19	2	2	2		2	
1/4	1,607.72	1/4	1,345.22	1/4	1,082.58	1/4	822.73	1/4	563.24	1/4	300.62	1/4	38.83	1/4	1/4	1/4		1/4	
1/2	1,602.26	1/2	1,339.74	1/2	1,077.11	1/2	817.35	1/2	557.77	1/2	295.15	1/2	33.47	1/2	1/2	1/2		1/2	
3/4	1,596.79	3/4	1,334.27	3/4	1,071.64	3/4	811.96	3/4	552.30	3/4	289.68	3/4	28.92	3/4	3/4	3/4		3/4	
3	1,591.32	3	1,328.80	3	1,066.16	3	806.58	3	546.83	3	284.21	3	24.37	3	3	3		3	
1/4	1,585.85	1/4	1,323.33	1/4	1,060.69	1/4	801.20	1/4	541.36	1/4	278.74	1/4	19.82	1/4	1/4	1/4		1/4	
1/2	1,580.38	1/2	1,317.86	1/2	1,055.22	1/2	795.82	1/2	535.89	1/2	273.27	1/2	15.26	1/2	1/2	1/2		1/2	
3/4	1,574.91	3/4	1,312.39	3/4	1,049.75	3/4	790.44	3/4	530.41	3/4	267.80	3/4	12.53	3/4	3/4	3/4		3/4	
4	1,569.45	4	1,306.91	4	1,044.28	4	785.06	4	524.94	4	262.33	4	9.79	4	4	4		4	
1/4	1,563.98	1/4	1,301.44	1/4	1,038.81	1/4	779.67	1/4	519.47	1/4	256.85	1/4	7.06	1/4	1/4	1/4		1/4	
1/2	1,558.51	1/2	1,295.97	1/2	1,033.33	1/2	774.29	1/2	514.00	1/2	251.38	1/2	4.32	1/2	1/2	1/2		1/2	
3/4	1,553.04	3/4	1,290.50	3/4	1,027.86	3/4	768.91	3/4	508.53	3/4	245.91	3/4	3.41	3/4	3/4	3/4		3/4	
5	1,547.57	5	1,285.03	5	1,022.39	5	763.53	5	503.06	5	240.44	5	2.50	5	5	5		5	
1/4	1,542.11	1/4	1,279.56	1/4	1,016.92	1/4	758.15	1/4	497.59	1/4	234.97	1/4	1.59	1/4	1/4	1/4		1/4	
1/2	1,536.64	1/2	1,274.09	1/2	1,011.45	1/2	752.77	1/2	492.12	1/2	229.50	1/2	0.68	1/2	1/2	1/2		1/2	
3/4	1,531.17	3/4	1,268.61	3/4	1,006.02	3/4	747.38	3/4	486.65	3/4	224.03	3/4		3/4	3/4	3/4		3/4	
6	1,525.70	6	1,263.14	6	1,000.59	6	742.00	6	481.17	6	218.56	6		6	6	6		6	
1/4	1,520.23	1/4	1,257.67	1/4	995.16	1/4	736.62	1/4	475.70	1/4	213.09	1/4		1/4	1/4	1/4		1/4	
1/2	1,514.77	1/2	1,252.20	1/2	989.73	1/2	731.24	1/2	470.23	1/2	207.61	1/2		1/2	1/2	1/2		1/2	
3/4	1,509.30	3/4	1,246.73	3/4	984.34	3/4	725.86	3/4	464.76	3/4	202.14	3/4		3/4	3/4	3/4		3/4	
7	1,503.83	7	1,241.26	7	978.96	7	720.47	7	459.29	7	196.67	7		7	7	7		7	
1/4	1,498.36	1/4	1,235.78	1/4	973.57	1/4	715.09	1/4	453.82	1/4	191.20	1/4		1/4	1/4	1/4		1/4	
1/2	1,492.89	1/2	1,230.31	1/2	968.18	1/2	709.71	1/2	448.35	1/2	185.73	1/2		1/2	1/2	1/2		1/2	
3/4	1,487.42	3/4	1,224.84	3/4	962.79	3/4	704.33	3/4	442.88	3/4	180.26	3/4		3/4	3/4	3/4		3/4	
8	1,481.96	8	1,219.37	8	957.41	8	698.95	8	437.40	8	174.79	8		8	8	8		8	
1/4	1,476.49	1/4	1,213.90	1/4	952.02	1/4	693.57	1/4	431.93	1/4	169.32	1/4		1/4	1/4	1/4		1/4	
1/2	1,471.02	1/2	1,208.43	1/2	946.63	1/2	688.18	1/2	426.46	1/2	163.84	1/2		1/2	1/2	1/2		1/2	
3/4	1,465.55	3/4	1,202.95	3/4	941.25	3/4	682.80	3/4	420.99	3/4	158.37	3/4		3/4	3/4	3/4		3/4	
9	1,460.08	9	1,197.48	9	935.86	9	677.42	9	415.52	9	152.90	9		9	9	9		9	
1/4	1,454.62	1/4	1,192.01	1/4	930.47	1/4	672.04	1/4	410.05	1/4	147.43	1/4		1/4	1/4	1/4		1/4	
1/2	1,449.15	1/2	1,186.54	1/2	925.09	1/2	666.66	1/2	404.58	1/2	141.96	1/2		1/2	1/2	1/2		1/2	
3/4	1,443.68	3/4	1,181.07	3/4	919.70	3/4	661.28	3/4	399.11	3/4	136.50	3/4		3/4	3/4	3/4		3/4	
10	1,438.21	10	1,175.60	10	914.31	10	655.90	10	393.63	10	131.03	10		10	10	10		10	
1/4	1,432.74	1/4	1,170.12	1/4	908.92	1/4	650.52	1/4	388.16	1/4	125.57	1/4		1/4	1/4	1/4		1/4	
1/2	1,427.28	1/2	1,164.65	1/2	903.54	1/2	645.14	1/2	382.69	1/2	120.10	1/2		1/2	1/2	1/2		1/2	
3/4	1,421.81	3/4	1,159.18	3/4	898.15	3/4	639.71	3/4	377.22	3/4	114.65	3/4		3/4	3/4	3/4		3/4	
11	1,416.34	11	1,153.71	11	892.76	11	634.28	11	371.75	11	109.19	11		11	11	11		11	
1/4	1,410.87	1/4	1,148.24	1/4	887.38	1/4	628.85	1/4	366.28	1/4	103.74	1/4		1/4	1/4	1/4		1/4	
1/2	1,405.40	1/2	1,142.77	1/2	881.99	1/2	623.42	1/2	360.81	1/2	98.28	1/2		1/2	1/2	1/2		1/2	
3/4	1,399.93	3/4	1,137.30	3/4	876.60	3/4	617.95	3/4	355.34	3/4	92.84	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2012 CL - SW
CALCULATED: 06/07/2012 CL
PRINTED: 06/07/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2012

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



BARGE "KIRBY 10235"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

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		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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.
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 Pearland, Texas 77588
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BARGE "KIRBY 10235"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

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	1,642.90	0	1,381.60	0	1,120.14	0	859.69	0	598.85	0	337.41	0	76.20	0		0		0	
1/4	1,637.46	1/4	1,376.15	1/4	1,114.69	1/4	854.28	1/4	593.41	1/4	331.96	1/4	70.81	1/4		1/4		1/4	
1/2	1,632.02	1/2	1,370.70	1/2	1,109.24	1/2	848.87	1/2	587.96	1/2	326.52	1/2	65.43	1/2		1/2		1/2	
3/4	1,626.57	3/4	1,365.25	3/4	1,103.79	3/4	843.46	3/4	582.51	3/4	321.07	3/4	60.05	3/4		3/4		3/4	
1	1,621.13	1	1,359.81	1	1,098.35	1	838.05	1	577.06	1	315.62	1	54.66	1		1		1	
1/4	1,615.68	1/4	1,354.36	1/4	1,092.90	1/4	832.64	1/4	571.62	1/4	310.18	1/4	49.33	1/4		1/4		1/4	
1/2	1,610.24	1/2	1,348.91	1/2	1,087.45	1/2	827.23	1/2	566.17	1/2	304.73	1/2	43.99	1/2		1/2		1/2	
3/4	1,604.80	3/4	1,343.47	3/4	1,082.01	3/4	821.82	3/4	560.72	3/4	299.28	3/4	38.66	3/4		3/4		3/4	
2	1,599.35	2	1,338.02	2	1,076.56	2	816.40	2	555.28	2	293.84	2	33.32	2		2		2	
1/4	1,593.91	1/4	1,332.57	1/4	1,071.11	1/4	811.00	1/4	549.83	1/4	288.39	1/4	28.79	1/4		1/4		1/4	
1/2	1,588.47	1/2	1,327.13	1/2	1,065.66	1/2	805.59	1/2	544.38	1/2	282.94	1/2	24.26	1/2		1/2		1/2	
3/4	1,583.02	3/4	1,321.68	3/4	1,060.22	3/4	800.19	3/4	538.94	3/4	277.50	3/4	19.73	3/4		3/4		3/4	
3	1,577.58	3	1,316.23	3	1,054.77	3	794.78	3	533.49	3	272.05	3	15.20	3		3		3	
1/4	1,572.14	1/4	1,310.78	1/4	1,049.32	1/4	789.34	1/4	528.04	1/4	266.60	1/4	12.48	1/4		1/4		1/4	
1/2	1,566.69	1/2	1,305.34	1/2	1,043.88	1/2	783.90	1/2	522.60	1/2	261.16	1/2	9.75	1/2		1/2		1/2	
3/4	1,561.25	3/4	1,299.89	3/4	1,038.43	3/4	778.46	3/4	517.15	3/4	255.71	3/4	7.03	3/4		3/4		3/4	
4	1,555.81	4	1,294.44	4	1,032.98	4	773.02	4	511.70	4	250.26	4	4.31	4		4		4	
1/4	1,550.36	1/4	1,289.00	1/4	1,027.53	1/4	767.57	1/4	506.26	1/4	244.82	1/4	3.40	1/4		1/4		1/4	
1/2	1,544.92	1/2	1,283.55	1/2	1,022.09	1/2	762.13	1/2	500.81	1/2	239.37	1/2	2.49	1/2		1/2		1/2	
3/4	1,539.47	3/4	1,278.10	3/4	1,016.64	3/4	756.69	3/4	495.36	3/4	233.92	3/4	1.59	3/4		3/4		3/4	
5	1,534.03	5	1,272.65	5	1,011.19	5	751.25	5	489.92	5	228.48	5	0.68	5		5		5	
1/4	1,528.59	1/4	1,267.21	1/4	1,005.78	1/4	745.81	1/4	484.47	1/4	223.03	1/4		1/4		1/4		1/4	
1/2	1,523.14	1/2	1,261.76	1/2	1,000.37	1/2	740.37	1/2	479.02	1/2	217.58	1/2		1/2		1/2		1/2	
3/4	1,517.70	3/4	1,256.31	3/4	994.96	3/4	734.92	3/4	473.58	3/4	212.14	3/4		3/4		3/4		3/4	
6	1,512.26	6	1,250.87	6	989.55	6	729.48	6	468.13	6	206.69	6		6		6		6	
1/4	1,506.81	1/4	1,245.42	1/4	984.14	1/4	724.04	1/4	462.68	1/4	201.24	1/4		1/4		1/4		1/4	
1/2	1,501.37	1/2	1,239.97	1/2	978.73	1/2	718.60	1/2	457.24	1/2	195.80	1/2		1/2		1/2		1/2	
3/4	1,495.93	3/4	1,234.52	3/4	973.32	3/4	713.16	3/4	451.79	3/4	190.35	3/4		3/4		3/4		3/4	
7	1,490.48	7	1,229.08	7	967.91	7	707.71	7	446.34	7	184.90	7		7		7		7	
1/4	1,485.04	1/4	1,223.63	1/4	962.50	1/4	702.27	1/4	440.90	1/4	179.46	1/4		1/4		1/4		1/4	
1/2	1,479.59	1/2	1,218.18	1/2	957.09	1/2	696.83	1/2	435.45	1/2	174.01	1/2		1/2		1/2		1/2	
3/4	1,474.15	3/4	1,212.74	3/4	951.67	3/4	691.39	3/4	430.00	3/4	168.56	3/4		3/4		3/4		3/4	
8	1,468.71	8	1,207.29	8	946.26	8	685.95	8	424.56	8	163.12	8		8		8		8	
1/4	1,463.26	1/4	1,201.84	1/4	940.85	1/4	680.51	1/4	419.11	1/4	157.67	1/4		1/4		1/4		1/4	
1/2	1,457.82	1/2	1,196.39	1/2	935.44	1/2	675.06	1/2	413.66	1/2	152.22	1/2		1/2		1/2		1/2	
3/4	1,452.38	3/4	1,190.95	3/4	930.03	3/4	669.62	3/4	408.22	3/4	146.78	3/4		3/4		3/4		3/4	
9	1,446.93	9	1,185.50	9	924.62	9	664.18	9	402.77	9	141.33	9		9		9		9	
1/4	1,441.49	1/4	1,180.05	1/4	919.21	1/4	658.74	1/4	397.32	1/4	135.89	1/4		1/4		1/4		1/4	
1/2	1,436.05	1/2	1,174.61	1/2	913.80	1/2	653.30	1/2	391.88	1/2	130.45	1/2		1/2		1/2		1/2	
3/4	1,430.60	3/4	1,169.16	3/4	908.39	3/4	647.86	3/4	386.43	3/4	125.01	3/4		3/4		3/4		3/4	
10	1,425.16	10	1,163.71	10	902.98	10	642.42	10	380.98	10	119.57	10		10		10		10	
1/4	1,419.72	1/4	1,158.27	1/4	897.57	1/4	636.97	1/4	375.54	1/4	114.14	1/4		1/4		1/4		1/4	
1/2	1,414.27	1/2	1,152.82	1/2	892.16	1/2	631.53	1/2	370.09	1/2	108.71	1/2		1/2		1/2		1/2	
3/4	1,408.83	3/4	1,147.37	3/4	886.74	3/4	626.08	3/4	364.64	3/4	103.28	3/4		3/4		3/4		3/4	
11	1,403.38	11	1,141.92	11	881.33	11	620.64	11	359.20	11	97.85	11		11		11		11	
1/4	1,397.94	1/4	1,136.48	1/4	875.92	1/4	615.19	1/4	353.75	1/4	92.43	1/4		1/4		1/4		1/4	
1/2	1,392.49	1/2	1,131.03	1/2	870.51	1/2	609.74	1/2	348.30	1/2	87.02	1/2		1/2		1/2		1/2	
3/4	1,387.04	3/4	1,125.58	3/4	865.10	3/4	604.30	3/4	342.86	3/4	81.61	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2012 CL - SW
CALCULATED: 06/07/2012 CL
PRINTED: 06/07/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2012

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