



BARGE "KIRBY 28188"

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 PORT	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
1 STBD	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
2 PORT	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8
2 STBD	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-3/8	- 02-3/8
3 PORT	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8
3 STBD	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8

(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 PORT IS - 00-5/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 261'-00"

April 13, 2012

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

<http://www.pmacorp.net>



BARGE "KIRBY 28188"

1 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

Table with columns for depth (IN) and height (0 FT. to 9 FT.) and rows for capacity in barrels. Values range from 0 to 4,958.86 barrels.

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 12'-09" OFF CENTERLINE AND 51'-09" FORWARD OF AFT BULKHEAD.

Precision Measurement & Analysis, Inc. P.O. Box 2092 Pearland, Texas 77588 http://www.pmacorp.net





BARGE "KIRBY 28188"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,420.13	0	2,042.22	0	1,664.31	0	1,286.39	0	908.78	0	530.99	0	182.77	0		0			
1/4	2,412.26	1/4	2,034.35	1/4	1,656.43	1/4	1,278.52	1/4	900.91	1/4	523.13	1/4	176.14	1/4		1/4			
1/2	2,404.39	1/2	2,026.47	1/2	1,648.56	1/2	1,270.65	1/2	893.05	1/2	515.32	1/2	169.63	1/2		1/2			
3/4	2,396.51	3/4	2,018.60	3/4	1,640.69	3/4	1,262.77	3/4	885.19	3/4	507.50	3/4	163.11	3/4		3/4			
1	2,388.64	1	2,010.73	1	1,632.81	1	1,254.90	1	877.33	1	499.69	1	156.59	1		1			
1/4	2,380.77	1/4	2,002.85	1/4	1,624.94	1/4	1,247.03	1/4	869.47	1/4	491.87	1/4	150.07	1/4		1/4			
1/2	2,372.89	1/2	1,994.98	1/2	1,617.07	1/2	1,239.15	1/2	861.61	1/2	484.15	1/2	143.67	1/2		1/2			
3/4	2,365.02	3/4	1,987.11	3/4	1,609.19	3/4	1,231.28	3/4	853.74	3/4	476.43	3/4	137.27	3/4		3/4			
2	2,357.15	2	1,979.23	2	1,601.32	2	1,223.41	2	845.87	2	468.70	2	130.87	2		2			
1/4	2,349.27	1/4	1,971.36	1/4	1,593.45	1/4	1,215.53	1/4	838.01	1/4	460.98	1/4	124.47	1/4		1/4			
1/2	2,341.40	1/2	1,963.49	1/2	1,585.57	1/2	1,207.66	1/2	830.14	1/2	453.37	1/2	118.19	1/2		1/2			
3/4	2,333.53	3/4	1,955.61	3/4	1,577.70	3/4	1,199.79	3/4	822.26	3/4	445.75	3/4	111.91	3/4		3/4			
3	2,325.65	3	1,947.74	3	1,569.83	3	1,191.91	3	814.39	3	438.14	3	105.63	3		3			
1/4	2,317.78	1/4	1,939.87	1/4	1,561.95	1/4	1,184.04	1/4	806.52	1/4	430.53	1/4	99.35	1/4		1/4			
1/2	2,309.91	1/2	1,931.99	1/2	1,554.08	1/2	1,176.17	1/2	798.64	1/2	423.02	1/2	93.20	1/2		1/2			
3/4	2,302.03	3/4	1,924.12	3/4	1,546.21	3/4	1,168.29	3/4	790.77	3/4	415.52	3/4	87.05	3/4		3/4			
4	2,294.16	4	1,916.25	4	1,538.33	4	1,160.42	4	782.90	4	408.02	4	80.90	4		4			
1/4	2,286.29	1/4	1,908.37	1/4	1,530.46	1/4	1,152.55	1/4	775.03	1/4	400.51	1/4	74.74	1/4		1/4			
1/2	2,278.42	1/2	1,900.50	1/2	1,522.59	1/2	1,144.67	1/2	767.15	1/2	393.12	1/2	68.74	1/2		1/2			
3/4	2,270.54	3/4	1,892.63	3/4	1,514.71	3/4	1,136.80	3/4	759.28	3/4	385.72	3/4	62.73	3/4		3/4			
5	2,262.67	5	1,884.76	5	1,506.84	5	1,128.93	5	751.41	5	378.33	5	56.72	5		5			
1/4	2,254.80	1/4	1,876.88	1/4	1,498.97	1/4	1,121.05	1/4	743.53	1/4	370.93	1/4	50.71	1/4		1/4			
1/2	2,246.92	1/2	1,869.01	1/2	1,491.10	1/2	1,113.19	1/2	735.66	1/2	363.65	1/2	45.29	1/2		1/2			
3/4	2,239.05	3/4	1,861.14	3/4	1,483.22	3/4	1,105.32	3/4	727.79	3/4	356.36	3/4	39.87	3/4		3/4			
6	2,231.18	6	1,853.26	6	1,475.35	6	1,097.45	6	719.91	6	349.08	6	34.46	6		6			
1/4	2,223.30	1/4	1,845.39	1/4	1,467.48	1/4	1,089.58	1/4	712.04	1/4	341.79	1/4	29.04	1/4		1/4			
1/2	2,215.43	1/2	1,837.52	1/2	1,459.60	1/2	1,081.72	1/2	704.17	1/2	334.62	1/2	25.08	1/2		1/2			
3/4	2,207.56	3/4	1,829.64	3/4	1,451.73	3/4	1,073.86	3/4	696.30	3/4	327.44	3/4	21.11	3/4		3/4			
7	2,199.68	7	1,821.77	7	1,443.86	7	1,066.00	7	688.42	7	320.27	7	17.15	7		7			
1/4	2,191.81	1/4	1,813.90	1/4	1,435.98	1/4	1,058.14	1/4	680.55	1/4	313.09	1/4	13.19	1/4		1/4			
1/2	2,183.94	1/2	1,806.02	1/2	1,428.11	1/2	1,050.28	1/2	672.68	1/2	306.03	1/2		1/2		1/2			
3/4	2,176.06	3/4	1,798.15	3/4	1,420.24	3/4	1,042.41	3/4	664.80	3/4	298.96	3/4		3/4		3/4			
8	2,168.19	8	1,790.28	8	1,412.36	8	1,034.55	8	656.93	8	291.89	8		8		8			
1/4	2,160.32	1/4	1,782.40	1/4	1,404.49	1/4	1,026.69	1/4	649.06	1/4	284.83	1/4		1/4		1/4			
1/2	2,152.44	1/2	1,774.53	1/2	1,396.62	1/2	1,018.83	1/2	641.18	1/2	277.87	1/2		1/2		1/2			
3/4	2,144.57	3/4	1,766.66	3/4	1,388.74	3/4	1,010.97	3/4	633.31	3/4	270.91	3/4		3/4		3/4			
9	2,136.70	9	1,758.78	9	1,380.87	9	1,003.11	9	625.44	9	263.96	9		9		9			
1/4	2,128.82	1/4	1,750.91	1/4	1,373.00	1/4	995.25	1/4	617.57	1/4	257.00	1/4		1/4		1/4			
1/2	2,120.95	1/2	1,743.04	1/2	1,365.12	1/2	987.39	1/2	609.69	1/2	250.15	1/2		1/2		1/2			
3/4	2,113.08	3/4	1,735.16	3/4	1,357.25	3/4	979.53	3/4	601.82	3/4	243.30	3/4		3/4		3/4			
10	2,105.20	10	1,727.29	10	1,349.38	10	971.66	10	593.95	10	236.46	10		10		10			
1/4	2,097.33	1/4	1,719.42	1/4	1,341.50	1/4	963.80	1/4	586.07	1/4	229.61	1/4		1/4		1/4			
1/2	2,089.46	1/2	1,711.54	1/2	1,333.63	1/2	955.94	1/2	578.20	1/2	222.87	1/2		1/2		1/2			
3/4	2,081.59	3/4	1,703.67	3/4	1,325.76	3/4	948.08	3/4	570.33	3/4	216.13	3/4		3/4		3/4			
11	2,073.71	11	1,695.80	11	1,317.88	11	940.22	11	562.45	11	209.40	11		11		11			
1/4	2,065.84	1/4	1,687.93	1/4	1,310.01	1/4	932.36	1/4	554.58	1/4	202.66	1/4		1/4		1/4			
1/2	2,057.97	1/2	1,680.05	1/2	1,302.14	1/2	924.50	1/2	546.72	1/2	196.03	1/2		1/2		1/2			
3/4	2,050.09	3/4	1,672.18	3/4	1,294.27	3/4	916.64	3/4	538.86	3/4	189.40	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/12/2012 CL - SW
CALCULATED: 04/13/2012 CL
PRINTED: 04/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 28188"

**1 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,419.86	0	2,041.99	0	1,664.12	0	1,286.24	0	908.67	0	530.93	0	182.75	0		0			
1/4	2,411.98	1/4	2,034.11	1/4	1,656.24	1/4	1,278.37	1/4	900.81	1/4	523.07	1/4	176.12	1/4		1/4			1/4
1/2	2,404.11	1/2	2,026.24	1/2	1,648.37	1/2	1,270.50	1/2	892.95	1/2	515.26	1/2	169.61	1/2		1/2			1/2
3/4	2,396.24	3/4	2,018.37	3/4	1,640.50	3/4	1,262.63	3/4	885.09	3/4	507.44	3/4	163.09	3/4		3/4			3/4
1	2,388.37	1	2,010.50	1	1,632.63	1	1,254.76	1	877.23	1	499.63	1	156.57	1		1			1
1/4	2,380.49	1/4	2,002.62	1/4	1,624.75	1/4	1,246.88	1/4	869.37	1/4	491.82	1/4	150.06	1/4		1/4			1/4
1/2	2,372.62	1/2	1,994.75	1/2	1,616.88	1/2	1,239.01	1/2	861.51	1/2	484.09	1/2	143.66	1/2		1/2			1/2
3/4	2,364.75	3/4	1,986.88	3/4	1,609.01	3/4	1,231.14	3/4	853.64	3/4	476.37	3/4	137.26	3/4		3/4			3/4
2	2,356.88	2	1,979.01	2	1,601.14	2	1,223.27	2	845.78	2	468.65	2	130.86	2		2			2
1/4	2,349.01	1/4	1,971.14	1/4	1,593.26	1/4	1,215.39	1/4	837.91	1/4	460.93	1/4	124.46	1/4		1/4			1/4
1/2	2,341.13	1/2	1,963.26	1/2	1,585.39	1/2	1,207.52	1/2	830.04	1/2	453.32	1/2	118.18	1/2		1/2			1/2
3/4	2,333.26	3/4	1,955.39	3/4	1,577.52	3/4	1,199.65	3/4	822.17	3/4	445.70	3/4	111.90	3/4		3/4			3/4
3	2,325.39	3	1,947.52	3	1,569.65	3	1,191.78	3	814.30	3	438.09	3	105.62	3		3			3
1/4	2,317.52	1/4	1,939.65	1/4	1,561.78	1/4	1,183.91	1/4	806.43	1/4	430.48	1/4	99.34	1/4		1/4			1/4
1/2	2,309.64	1/2	1,931.77	1/2	1,553.90	1/2	1,176.03	1/2	798.55	1/2	422.98	1/2	93.19	1/2		1/2			1/2
3/4	2,301.77	3/4	1,923.90	3/4	1,546.03	3/4	1,168.16	3/4	790.68	3/4	415.47	3/4	87.04	3/4		3/4			3/4
4	2,293.90	4	1,916.03	4	1,538.16	4	1,160.29	4	782.81	4	407.97	4	80.89	4		4			4
1/4	2,286.03	1/4	1,908.16	1/4	1,530.29	1/4	1,152.42	1/4	774.94	1/4	400.47	1/4	74.74	1/4		1/4			1/4
1/2	2,278.15	1/2	1,900.28	1/2	1,522.41	1/2	1,144.54	1/2	767.06	1/2	393.07	1/2	68.73	1/2		1/2			1/2
3/4	2,270.28	3/4	1,892.41	3/4	1,514.54	3/4	1,136.67	3/4	759.19	3/4	385.68	3/4	62.72	3/4		3/4			3/4
5	2,262.41	5	1,884.54	5	1,506.67	5	1,128.80	5	751.32	5	378.29	5	56.71	5		5			5
1/4	2,254.54	1/4	1,876.67	1/4	1,498.80	1/4	1,120.93	1/4	743.45	1/4	370.89	1/4	50.70	1/4		1/4			1/4
1/2	2,246.67	1/2	1,868.80	1/2	1,490.92	1/2	1,113.06	1/2	735.58	1/2	363.61	1/2	45.29	1/2		1/2			1/2
3/4	2,238.79	3/4	1,860.92	3/4	1,483.05	3/4	1,105.19	3/4	727.70	3/4	356.32	3/4	39.87	3/4		3/4			3/4
6	2,230.92	6	1,853.05	6	1,475.18	6	1,097.32	6	719.83	6	349.04	6	34.45	6		6			6
1/4	2,223.05	1/4	1,845.18	1/4	1,467.31	1/4	1,089.46	1/4	711.96	1/4	341.76	1/4	29.04	1/4		1/4			1/4
1/2	2,215.18	1/2	1,837.31	1/2	1,459.44	1/2	1,081.60	1/2	704.09	1/2	334.58	1/2	25.07	1/2		1/2			1/2
3/4	2,207.30	3/4	1,829.43	3/4	1,451.56	3/4	1,073.74	3/4	696.22	3/4	327.41	3/4	21.11	3/4		3/4			3/4
7	2,199.43	7	1,821.56	7	1,443.69	7	1,065.88	7	688.34	7	320.23	7	17.15	7		7			7
1/4	2,191.56	1/4	1,813.69	1/4	1,435.82	1/4	1,058.02	1/4	680.47	1/4	313.06	1/4	13.18	1/4		1/4			1/4
1/2	2,183.69	1/2	1,805.82	1/2	1,427.95	1/2	1,050.16	1/2	672.60	1/2	305.99	1/2		1/2		1/2			1/2
3/4	2,175.81	3/4	1,797.94	3/4	1,420.07	3/4	1,042.30	3/4	664.73	3/4	298.93	3/4		3/4		3/4			3/4
8	2,167.94	8	1,790.07	8	1,412.20	8	1,034.44	8	656.86	8	291.86	8		8		8			8
1/4	2,160.07	1/4	1,782.20	1/4	1,404.33	1/4	1,026.58	1/4	648.98	1/4	284.80	1/4		1/4		1/4			1/4
1/2	2,152.20	1/2	1,774.33	1/2	1,396.46	1/2	1,018.71	1/2	641.11	1/2	277.84	1/2		1/2		1/2			1/2
3/4	2,144.33	3/4	1,766.46	3/4	1,388.58	3/4	1,010.85	3/4	633.24	3/4	270.88	3/4		3/4		3/4			3/4
9	2,136.45	9	1,758.58	9	1,380.71	9	1,002.99	9	625.37	9	263.93	9		9		9			9
1/4	2,128.58	1/4	1,750.71	1/4	1,372.84	1/4	995.13	1/4	617.50	1/4	256.97	1/4		1/4		1/4			1/4
1/2	2,120.71	1/2	1,742.84	1/2	1,364.97	1/2	987.27	1/2	609.62	1/2	250.12	1/2		1/2		1/2			1/2
3/4	2,112.84	3/4	1,734.97	3/4	1,357.10	3/4	979.41	3/4	601.75	3/4	243.28	3/4		3/4		3/4			3/4
10	2,104.96	10	1,727.09	10	1,349.22	10	971.55	10	593.88	10	236.43	10		10		10			10
1/4	2,097.09	1/4	1,719.22	1/4	1,341.35	1/4	963.69	1/4	586.01	1/4	229.58	1/4		1/4		1/4			1/4
1/2	2,089.22	1/2	1,711.35	1/2	1,333.48	1/2	955.83	1/2	578.13	1/2	222.85	1/2		1/2		1/2			1/2
3/4	2,081.35	3/4	1,703.48	3/4	1,325.61	3/4	947.97	3/4	570.26	3/4	216.11	3/4		3/4		3/4			3/4
11	2,073.47	11	1,695.60	11	1,317.73	11	940.11	11	562.39	11	209.37	11		11		11			11
1/4	2,065.60	1/4	1,687.73	1/4	1,309.86	1/4	932.25	1/4	554.52	1/4	202.63	1/4		1/4		1/4			1/4
1/2	2,057.73	1/2	1,679.86	1/2	1,301.99	1/2	924.39	1/2	546.66	1/2	196.01	1/2		1/2		1/2			1/2
3/4	2,049.86	3/4	1,671.99	3/4	1,294.12	3/4	916.53	3/4	538.79	3/4	189.38	3/4		3/4		3/4			3/4

STRAPPED: 04/12/2012 CL - SW
CALCULATED: 04/13/2012 CL
PRINTED: 04/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

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 28188"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,349.92	0	1,990.92	0	1,631.92	0	1,282.12	0	937.37	0	579.44	0	220.45	0		0			
1/4	2,342.44	1/4	1,983.44	1/4	1,624.44	1/4	1,274.92	1/4	930.19	1/4	571.96	1/4	212.97	1/4		1/4			
1/2	2,334.96	1/2	1,975.96	1/2	1,616.97	1/2	1,267.73	1/2	922.90	1/2	564.48	1/2	205.50	1/2		1/2			
3/4	2,327.48	3/4	1,968.48	3/4	1,609.49	3/4	1,260.53	3/4	915.61	3/4	557.00	3/4	198.02	3/4		3/4			
1	2,320.00	1	1,961.00	1	1,602.01	1	1,253.33	1	908.32	1	549.52	1	190.54	1		1			
1/4	2,312.52	1/4	1,953.52	1/4	1,594.53	1/4	1,246.14	1/4	901.03	1/4	542.04	1/4	183.07	1/4		1/4			
1/2	2,305.04	1/2	1,946.05	1/2	1,587.05	1/2	1,238.94	1/2	893.55	1/2	534.56	1/2	175.60	1/2		1/2			
3/4	2,297.56	3/4	1,938.57	3/4	1,579.57	3/4	1,231.75	3/4	886.07	3/4	527.09	3/4	168.13	3/4		3/4			
2	2,290.08	2	1,931.09	2	1,572.09	2	1,224.55	2	878.59	2	519.61	2	160.65	2		2			
1/4	2,282.60	1/4	1,923.61	1/4	1,564.61	1/4	1,217.35	1/4	871.12	1/4	512.13	1/4	153.18	1/4		1/4			
1/2	2,275.13	1/2	1,916.13	1/2	1,557.13	1/2	1,210.16	1/2	863.64	1/2	504.65	1/2	145.72	1/2		1/2			
3/4	2,267.65	3/4	1,908.65	3/4	1,549.65	3/4	1,202.97	3/4	856.16	3/4	497.17	3/4	138.27	3/4		3/4			
3	2,260.17	3	1,901.17	3	1,542.17	3	1,195.78	3	848.68	3	489.69	3	130.81	3		3			
1/4	2,252.69	1/4	1,893.69	1/4	1,534.69	1/4	1,188.59	1/4	841.20	1/4	482.21	1/4	123.35	1/4		1/4			
1/2	2,245.21	1/2	1,886.21	1/2	1,527.32	1/2	1,181.40	1/2	833.72	1/2	474.73	1/2	115.91	1/2		1/2			
3/4	2,237.73	3/4	1,878.73	3/4	1,519.95	3/4	1,174.22	3/4	826.24	3/4	467.25	3/4	108.47	3/4		3/4			
4	2,230.25	4	1,871.25	4	1,512.57	4	1,167.04	4	818.76	4	459.78	4	101.02	4		4			
1/4	2,222.77	1/4	1,863.78	1/4	1,505.20	1/4	1,159.85	1/4	811.28	1/4	452.30	1/4	93.58	1/4		1/4			
1/2	2,215.29	1/2	1,856.30	1/2	1,498.00	1/2	1,152.67	1/2	803.81	1/2	444.82	1/2	86.17	1/2		1/2			
3/4	2,207.81	3/4	1,848.82	3/4	1,490.81	3/4	1,145.49	3/4	796.33	3/4	437.34	3/4	78.76	3/4		3/4			
5	2,200.33	5	1,841.34	5	1,483.61	5	1,138.31	5	788.85	5	429.86	5	71.35	5		5			
1/4	2,192.86	1/4	1,833.86	1/4	1,476.42	1/4	1,131.13	1/4	781.37	1/4	422.38	1/4	63.94	1/4		1/4			
1/2	2,185.38	1/2	1,826.38	1/2	1,469.22	1/2	1,123.95	1/2	773.89	1/2	414.90	1/2	56.99	1/2		1/2			
3/4	2,177.90	3/4	1,818.90	3/4	1,462.02	3/4	1,116.77	3/4	766.41	3/4	407.42	3/4	50.04	3/4		3/4			
6	2,170.42	6	1,811.42	6	1,454.83	6	1,109.60	6	758.93	6	399.94	6	43.09	6		6			
1/4	2,162.94	1/4	1,803.94	1/4	1,447.63	1/4	1,102.42	1/4	751.45	1/4	392.47	1/4	36.14	1/4		1/4			
1/2	2,155.46	1/2	1,796.46	1/2	1,440.44	1/2	1,095.25	1/2	743.97	1/2	384.99	1/2	30.84	1/2		1/2			
3/4	2,147.98	3/4	1,788.98	3/4	1,433.24	3/4	1,088.07	3/4	736.50	3/4	377.51	3/4	25.55	3/4		3/4			
7	2,140.50	7	1,781.51	7	1,426.04	7	1,080.89	7	729.02	7	370.03	7	20.26	7		7			
1/4	2,133.02	1/4	1,774.03	1/4	1,418.85	1/4	1,073.72	1/4	721.54	1/4	362.55	1/4	14.96	1/4		1/4			
1/2	2,125.54	1/2	1,766.55	1/2	1,411.65	1/2	1,066.54	1/2	714.06	1/2	355.07	1/2		1/2		1/2			
3/4	2,118.06	3/4	1,759.07	3/4	1,404.45	3/4	1,059.36	3/4	706.58	3/4	347.59	3/4		3/4		3/4			
8	2,110.59	8	1,751.59	8	1,397.26	8	1,052.19	8	699.10	8	340.11	8		8		8			
1/4	2,103.11	1/4	1,744.11	1/4	1,390.06	1/4	1,045.01	1/4	691.62	1/4	332.63	1/4		1/4		1/4			
1/2	2,095.63	1/2	1,736.63	1/2	1,382.87	1/2	1,037.84	1/2	684.14	1/2	325.16	1/2		1/2		1/2			
3/4	2,088.15	3/4	1,729.15	3/4	1,375.67	3/4	1,030.66	3/4	676.66	3/4	317.68	3/4		3/4		3/4			
9	2,080.67	9	1,721.67	9	1,368.47	9	1,023.48	9	669.19	9	310.20	9		9		9			
1/4	2,073.19	1/4	1,714.19	1/4	1,361.28	1/4	1,016.31	1/4	661.71	1/4	302.72	1/4		1/4		1/4			
1/2	2,065.71	1/2	1,706.71	1/2	1,354.08	1/2	1,009.13	1/2	654.23	1/2	295.24	1/2		1/2		1/2			
3/4	2,058.23	3/4	1,699.24	3/4	1,346.88	3/4	1,001.95	3/4	646.75	3/4	287.76	3/4		3/4		3/4			
10	2,050.75	10	1,691.76	10	1,339.69	10	994.78	10	639.27	10	280.28	10		10		10			
1/4	2,043.27	1/4	1,684.28	1/4	1,332.49	1/4	987.60	1/4	631.79	1/4	272.80	1/4		1/4		1/4			
1/2	2,035.79	1/2	1,676.80	1/2	1,325.30	1/2	980.42	1/2	624.31	1/2	265.32	1/2		1/2		1/2			
3/4	2,028.32	3/4	1,669.32	3/4	1,318.10	3/4	973.25	3/4	616.83	3/4	257.85	3/4		3/4		3/4			
11	2,020.84	11	1,661.84	11	1,310.90	11	966.07	11	609.35	11	250.37	11		11		11			
1/4	2,013.36	1/4	1,654.36	1/4	1,303.71	1/4	958.90	1/4	601.87	1/4	242.89	1/4		1/4		1/4			
1/2	2,005.88	1/2	1,646.88	1/2	1,296.51	1/2	951.72	1/2	594.40	1/2	235.41	1/2		1/2		1/2			
3/4	1,998.40	3/4	1,639.40	3/4	1,289.31	3/4	944.54	3/4	586.92	3/4	227.93	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 28188"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,375.19	0	2,016.01	0	1,656.84	0	1,297.67	0	938.79	0	579.72	0	220.56	0		0			
1/4	2,367.71	1/4	2,008.53	1/4	1,649.36	1/4	1,290.18	1/4	931.32	1/4	572.24	1/4	213.08	1/4		1/4			
1/2	2,360.22	1/2	2,001.05	1/2	1,641.87	1/2	1,282.70	1/2	923.85	1/2	564.75	1/2	205.60	1/2		1/2			
3/4	2,352.74	3/4	1,993.57	3/4	1,634.39	3/4	1,275.22	3/4	916.38	3/4	557.27	3/4	198.12	3/4		3/4			
1	2,345.26	1	1,986.08	1	1,626.91	1	1,267.73	1	908.91	1	549.79	1	190.64	1		1			
1/4	2,337.78	1/4	1,978.60	1/4	1,619.43	1/4	1,260.25	1/4	901.44	1/4	542.31	1/4	183.15	1/4		1/4			
1/2	2,330.29	1/2	1,971.12	1/2	1,611.94	1/2	1,252.77	1/2	893.96	1/2	534.82	1/2	175.68	1/2		1/2			
3/4	2,322.81	3/4	1,963.64	3/4	1,604.46	3/4	1,245.29	3/4	886.49	3/4	527.34	3/4	168.21	3/4		3/4			
2	2,315.33	2	1,956.15	2	1,596.98	2	1,237.80	2	879.01	2	519.86	2	160.73	2		2			
1/4	2,307.84	1/4	1,948.67	1/4	1,589.50	1/4	1,230.32	1/4	871.54	1/4	512.38	1/4	153.26	1/4		1/4			
1/2	2,300.36	1/2	1,941.19	1/2	1,582.01	1/2	1,222.84	1/2	864.05	1/2	504.89	1/2	145.80	1/2		1/2			
3/4	2,292.88	3/4	1,933.70	3/4	1,574.53	3/4	1,215.36	3/4	856.57	3/4	497.41	3/4	138.33	3/4		3/4			
3	2,285.40	3	1,926.22	3	1,567.05	3	1,207.87	3	849.09	3	489.93	3	130.87	3		3			
1/4	2,277.91	1/4	1,918.74	1/4	1,559.56	1/4	1,200.39	1/4	841.61	1/4	482.45	1/4	123.41	1/4		1/4			
1/2	2,270.43	1/2	1,911.26	1/2	1,552.08	1/2	1,192.91	1/2	834.12	1/2	474.96	1/2	115.96	1/2		1/2			
3/4	2,262.95	3/4	1,903.77	3/4	1,544.60	3/4	1,185.42	3/4	826.64	3/4	467.48	3/4	108.52	3/4		3/4			
4	2,255.46	4	1,896.29	4	1,537.12	4	1,177.94	4	819.16	4	460.00	4	101.07	4		4			
1/4	2,247.98	1/4	1,888.81	1/4	1,529.63	1/4	1,170.46	1/4	811.68	1/4	452.52	1/4	93.63	1/4		1/4			
1/2	2,240.50	1/2	1,881.32	1/2	1,522.15	1/2	1,162.98	1/2	804.19	1/2	445.03	1/2	86.21	1/2		1/2			
3/4	2,233.02	3/4	1,873.84	3/4	1,514.67	3/4	1,155.49	3/4	796.71	3/4	437.55	3/4	78.80	3/4		3/4			
5	2,225.53	5	1,866.36	5	1,507.18	5	1,148.01	5	789.23	5	430.07	5	71.39	5		5			
1/4	2,218.05	1/4	1,858.88	1/4	1,499.70	1/4	1,140.53	1/4	781.75	1/4	422.59	1/4	63.97	1/4		1/4			
1/2	2,210.57	1/2	1,851.39	1/2	1,492.22	1/2	1,133.05	1/2	774.26	1/2	415.10	1/2	57.02	1/2		1/2			
3/4	2,203.08	3/4	1,843.91	3/4	1,484.74	3/4	1,125.57	3/4	766.78	3/4	407.62	3/4	50.07	3/4		3/4			
6	2,195.60	6	1,836.43	6	1,477.25	6	1,118.09	6	759.30	6	400.14	6	43.11	6		6			
1/4	2,188.12	1/4	1,828.94	1/4	1,469.77	1/4	1,110.61	1/4	751.82	1/4	392.66	1/4	36.16	1/4		1/4			
1/2	2,180.64	1/2	1,821.46	1/2	1,462.29	1/2	1,103.14	1/2	744.33	1/2	385.17	1/2	30.86	1/2		1/2			
3/4	2,173.15	3/4	1,813.98	3/4	1,454.80	3/4	1,095.67	3/4	736.85	3/4	377.69	3/4	25.56	3/4		3/4			
7	2,165.67	7	1,806.50	7	1,447.32	7	1,088.20	7	729.37	7	370.21	7	20.26	7		7			
1/4	2,158.19	1/4	1,799.01	1/4	1,439.84	1/4	1,080.73	1/4	721.89	1/4	362.73	1/4	14.97	1/4		1/4			
1/2	2,150.71	1/2	1,791.53	1/2	1,432.36	1/2	1,073.26	1/2	714.40	1/2	355.24	1/2		1/2		1/2			
3/4	2,143.22	3/4	1,784.05	3/4	1,424.87	3/4	1,065.79	3/4	706.92	3/4	347.76	3/4		3/4		3/4			
8	2,135.74	8	1,776.57	8	1,417.39	8	1,058.32	8	699.44	8	340.28	8		8		8			
1/4	2,128.26	1/4	1,769.08	1/4	1,409.91	1/4	1,050.85	1/4	691.96	1/4	332.80	1/4		1/4		1/4			
1/2	2,120.77	1/2	1,761.60	1/2	1,402.43	1/2	1,043.38	1/2	684.47	1/2	325.31	1/2		1/2		1/2			
3/4	2,113.29	3/4	1,754.12	3/4	1,394.94	3/4	1,035.91	3/4	676.99	3/4	317.83	3/4		3/4		3/4			
9	2,105.81	9	1,746.63	9	1,387.46	9	1,028.44	9	669.51	9	310.35	9		9		9			
1/4	2,098.33	1/4	1,739.15	1/4	1,379.98	1/4	1,020.97	1/4	662.03	1/4	302.87	1/4		1/4		1/4			
1/2	2,090.84	1/2	1,731.67	1/2	1,372.49	1/2	1,013.50	1/2	654.54	1/2	295.38	1/2		1/2		1/2			
3/4	2,083.36	3/4	1,724.19	3/4	1,365.01	3/4	1,006.03	3/4	647.06	3/4	287.90	3/4		3/4		3/4			
10	2,075.88	10	1,716.70	10	1,357.53	10	998.56	10	639.58	10	280.42	10		10		10			
1/4	2,068.39	1/4	1,709.22	1/4	1,350.05	1/4	991.08	1/4	632.10	1/4	272.94	1/4		1/4		1/4			
1/2	2,060.91	1/2	1,701.74	1/2	1,342.56	1/2	983.61	1/2	624.61	1/2	265.45	1/2		1/2		1/2			
3/4	2,053.43	3/4	1,694.25	3/4	1,335.08	3/4	976.14	3/4	617.13	3/4	257.97	3/4		3/4		3/4			
11	2,045.95	11	1,686.77	11	1,327.60	11	968.67	11	609.65	11	250.49	11		11		11			
1/4	2,038.46	1/4	1,679.29	1/4	1,320.11	1/4	961.20	1/4	602.17	1/4	243.01	1/4		1/4		1/4			
1/2	2,030.98	1/2	1,671.81	1/2	1,312.63	1/2	953.73	1/2	594.68	1/2	235.52	1/2		1/2		1/2			
3/4	2,023.50	3/4	1,664.32	3/4	1,305.15	3/4	946.26	3/4	587.20	3/4	228.04	3/4		3/4		3/4			

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BARGE "KIRBY 28188"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE 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	2,262.79	0	1,905.69	0	1,549.63	0	1,193.38	0	848.46	0	491.25	0	133.86	0		0			
1/4	2,255.36	1/4	1,898.27	1/4	1,542.19	1/4	1,186.21	1/4	841.04	1/4	483.80	1/4	126.42	1/4	1/4	1/4			
1/2	2,247.93	1/2	1,890.85	1/2	1,534.74	1/2	1,179.03	1/2	833.61	1/2	476.36	1/2	118.97	1/2	1/2	1/2			
3/4	2,240.50	3/4	1,883.44	3/4	1,527.30	3/4	1,171.85	3/4	826.19	3/4	468.91	3/4	111.53	3/4	3/4	3/4			
1	2,233.07	1	1,876.02	1	1,519.85	1	1,164.68	1	818.77	1	461.47	1	104.08	1	1	1			1
1/4	2,225.64	1/4	1,868.60	1/4	1,512.41	1/4	1,157.50	1/4	811.34	1/4	454.02	1/4	96.95	1/4	1/4	1/4			1/4
1/2	2,218.21	1/2	1,861.18	1/2	1,504.97	1/2	1,150.33	1/2	803.92	1/2	446.58	1/2	89.82	1/2	1/2	1/2			1/2
3/4	2,210.78	3/4	1,853.76	3/4	1,497.52	3/4	1,143.15	3/4	796.49	3/4	439.13	3/4	82.69	3/4	3/4	3/4			3/4
2	2,203.35	2	1,846.35	2	1,490.08	2	1,135.97	2	789.07	2	431.68	2	75.56	2	2	2			2
1/4	2,195.92	1/4	1,838.93	1/4	1,482.63	1/4	1,128.80	1/4	781.62	1/4	424.24	1/4	69.38	1/4	1/4	1/4			1/4
1/2	2,188.49	1/2	1,831.51	1/2	1,475.19	1/2	1,121.62	1/2	774.18	1/2	416.79	1/2	63.19	1/2	1/2	1/2			1/2
3/4	2,181.06	3/4	1,824.09	3/4	1,467.74	3/4	1,114.45	3/4	766.73	3/4	409.35	3/4	57.00	3/4	3/4	3/4			3/4
3	2,173.63	3	1,816.68	3	1,460.30	3	1,107.27	3	759.29	3	401.90	3	50.81	3	3	3			3
1/4	2,166.20	1/4	1,809.26	1/4	1,452.86	1/4	1,100.09	1/4	751.84	1/4	394.46	1/4	45.88	1/4	1/4	1/4			1/4
1/2	2,158.77	1/2	1,801.84	1/2	1,445.41	1/2	1,092.92	1/2	744.40	1/2	387.01	1/2	40.94	1/2	1/2	1/2			1/2
3/4	2,151.34	3/4	1,794.42	3/4	1,437.97	3/4	1,085.74	3/4	736.95	3/4	379.57	3/4	36.01	3/4	3/4	3/4			3/4
4	2,143.91	4	1,787.00	4	1,430.52	4	1,078.57	4	729.50	4	372.12	4	31.08	4	4	4			4
1/4	2,136.46	1/4	1,779.59	1/4	1,423.08	1/4	1,071.40	1/4	722.06	1/4	364.67	1/4	27.41	1/4	1/4	1/4			1/4
1/2	2,129.02	1/2	1,772.17	1/2	1,415.64	1/2	1,064.24	1/2	714.61	1/2	357.23	1/2	23.74	1/2	1/2	1/2			1/2
3/4	2,121.57	3/4	1,764.75	3/4	1,408.19	3/4	1,057.08	3/4	707.17	3/4	349.78	3/4	20.08	3/4	3/4	3/4			3/4
5	2,114.13	5	1,757.33	5	1,400.75	5	1,049.92	5	699.72	5	342.34	5	16.41	5	5	5			5
1/4	2,106.69	1/4	1,749.91	1/4	1,393.30	1/4	1,042.76	1/4	692.28	1/4	334.89	1/4		1/4	1/4	1/4			1/4
1/2	2,099.24	1/2	1,742.50	1/2	1,385.86	1/2	1,035.59	1/2	684.83	1/2	327.45	1/2		1/2	1/2	1/2			1/2
3/4	2,091.80	3/4	1,735.08	3/4	1,378.41	3/4	1,028.43	3/4	677.39	3/4	320.00	3/4		3/4	3/4	3/4			3/4
6	2,084.35	6	1,727.66	6	1,370.97	6	1,021.27	6	669.94	6	312.56	6		6	6	6			6
1/4	2,076.91	1/4	1,720.24	1/4	1,363.53	1/4	1,014.11	1/4	662.49	1/4	305.11	1/4		1/4	1/4	1/4			1/4
1/2	2,069.46	1/2	1,712.82	1/2	1,356.08	1/2	1,006.95	1/2	655.05	1/2	297.67	1/2		1/2	1/2	1/2			1/2
3/4	2,062.02	3/4	1,705.41	3/4	1,348.64	3/4	999.79	3/4	647.60	3/4	290.22	3/4		3/4	3/4	3/4			3/4
7	2,054.58	7	1,697.99	7	1,341.19	7	992.64	7	640.16	7	282.77	7		7	7	7			7
1/4	2,047.13	1/4	1,690.57	1/4	1,333.75	1/4	985.48	1/4	632.71	1/4	275.33	1/4		1/4	1/4	1/4			1/4
1/2	2,039.69	1/2	1,683.15	1/2	1,326.31	1/2	978.33	1/2	625.27	1/2	267.88	1/2		1/2	1/2	1/2			1/2
3/4	2,032.24	3/4	1,675.74	3/4	1,318.86	3/4	971.17	3/4	617.82	3/4	260.44	3/4		3/4	3/4	3/4			3/4
8	2,024.80	8	1,668.32	8	1,311.42	8	964.02	8	610.38	8	252.99	8		8	8	8			8
1/4	2,017.35	1/4	1,660.90	1/4	1,303.97	1/4	956.86	1/4	602.93	1/4	245.55	1/4		1/4	1/4	1/4			1/4
1/2	2,009.91	1/2	1,653.48	1/2	1,296.53	1/2	949.71	1/2	595.49	1/2	238.10	1/2		1/2	1/2	1/2			1/2
3/4	2,002.47	3/4	1,646.06	3/4	1,289.08	3/4	942.55	3/4	588.04	3/4	230.66	3/4		3/4	3/4	3/4			3/4
9	1,995.02	9	1,638.65	9	1,281.64	9	935.40	9	580.59	9	223.21	9		9	9	9			9
1/4	1,987.58	1/4	1,631.23	1/4	1,274.20	1/4	928.24	1/4	573.15	1/4	215.76	1/4		1/4	1/4	1/4			1/4
1/2	1,980.13	1/2	1,623.81	1/2	1,266.75	1/2	921.09	1/2	565.70	1/2	208.32	1/2		1/2	1/2	1/2			1/2
3/4	1,972.69	3/4	1,616.39	3/4	1,259.31	3/4	913.93	3/4	558.26	3/4	200.87	3/4		3/4	3/4	3/4			3/4
10	1,965.24	10	1,608.97	10	1,251.86	10	906.78	10	550.81	10	193.43	10		10	10	10			10
1/4	1,957.80	1/4	1,601.56	1/4	1,244.42	1/4	899.62	1/4	543.37	1/4	185.98	1/4		1/4	1/4	1/4			1/4
1/2	1,950.36	1/2	1,594.14	1/2	1,236.97	1/2	892.47	1/2	535.92	1/2	178.54	1/2		1/2	1/2	1/2			1/2
3/4	1,942.91	3/4	1,586.72	3/4	1,229.53	3/4	885.31	3/4	528.48	3/4	171.09	3/4		3/4	3/4	3/4			3/4
11	1,935.47	11	1,579.30	11	1,222.09	11	878.16	11	521.03	11	163.65	11		11	11	11			11
1/4	1,928.02	1/4	1,571.88	1/4	1,214.91	1/4	870.74	1/4	513.58	1/4	156.20	1/4		1/4	1/4	1/4			1/4
1/2	1,920.58	1/2	1,564.47	1/2	1,207.73	1/2	863.31	1/2	506.14	1/2	148.76	1/2		1/2	1/2	1/2			1/2
3/4	1,913.13	3/4	1,557.05	3/4	1,200.56	3/4	855.89	3/4	498.69	3/4	141.31	3/4		3/4	3/4	3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 04/13/2012 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

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



BARGE "KIRBY 28188"

3 STBD 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	2,295.20	0	1,937.42	0	1,579.64	0	1,221.86	0	864.35	0	506.70	0	148.93	0		0			
1/4	2,287.74	1/4	1,929.96	1/4	1,572.19	1/4	1,214.41	1/4	856.91	1/4	499.24	1/4	141.47	1/4		1/4			
1/2	2,280.29	1/2	1,922.51	1/2	1,564.73	1/2	1,206.96	1/2	849.46	1/2	491.79	1/2	134.02	1/2		1/2			
3/4	2,272.83	3/4	1,915.06	3/4	1,557.28	3/4	1,199.50	3/4	842.02	3/4	484.34	3/4	126.57	3/4		3/4			
1	2,265.38	1	1,907.60	1	1,549.83	1	1,192.05	1	834.58	1	476.88	1	119.12	1		1			
1/4	2,257.93	1/4	1,900.15	1/4	1,542.37	1/4	1,184.59	1/4	827.14	1/4	469.43	1/4	111.66	1/4		1/4			
1/2	2,250.47	1/2	1,892.70	1/2	1,534.92	1/2	1,177.14	1/2	819.70	1/2	461.98	1/2	104.21	1/2		1/2			
3/4	2,243.02	3/4	1,885.24	3/4	1,527.46	3/4	1,169.69	3/4	812.25	3/4	454.52	3/4	97.07	3/4		3/4			
2	2,235.57	2	1,877.79	2	1,520.01	2	1,162.23	2	804.81	2	447.07	2	89.93	2		2			
1/4	2,228.11	1/4	1,870.33	1/4	1,512.56	1/4	1,154.78	1/4	797.37	1/4	439.61	1/4	82.79	1/4		1/4			
1/2	2,220.66	1/2	1,862.88	1/2	1,505.10	1/2	1,147.33	1/2	789.93	1/2	432.16	1/2	75.66	1/2		1/2			
3/4	2,213.20	3/4	1,855.43	3/4	1,497.65	3/4	1,139.87	3/4	782.48	3/4	424.71	3/4	69.46	3/4		3/4			
3	2,205.75	3	1,847.97	3	1,490.20	3	1,132.42	3	775.02	3	417.25	3	63.26	3		3			
1/4	2,198.30	1/4	1,840.52	1/4	1,482.74	1/4	1,124.96	1/4	767.57	1/4	409.80	1/4	57.06	1/4		1/4			
1/2	2,190.84	1/2	1,833.07	1/2	1,475.29	1/2	1,117.51	1/2	760.12	1/2	402.35	1/2	50.87	1/2		1/2			
3/4	2,183.39	3/4	1,825.61	3/4	1,467.83	3/4	1,110.06	3/4	752.66	3/4	394.89	3/4	45.92	3/4		3/4			
4	2,175.94	4	1,818.16	4	1,460.38	4	1,102.60	4	745.21	4	387.44	4	40.98	4		4			
1/4	2,168.48	1/4	1,810.71	1/4	1,452.93	1/4	1,095.15	1/4	737.75	1/4	379.99	1/4	36.04	1/4		1/4			
1/2	2,161.03	1/2	1,803.25	1/2	1,445.47	1/2	1,087.70	1/2	730.30	1/2	372.53	1/2	31.10	1/2		1/2			
3/4	2,153.58	3/4	1,795.80	3/4	1,438.02	3/4	1,080.24	3/4	722.85	3/4	365.08	3/4	27.43	3/4		3/4			
5	2,146.12	5	1,788.34	5	1,430.57	5	1,072.79	5	715.39	5	357.63	5	23.75	5		5			
1/4	2,138.67	1/4	1,780.89	1/4	1,423.11	1/4	1,065.34	1/4	707.94	1/4	350.17	1/4	20.07	1/4		1/4			
1/2	2,131.21	1/2	1,773.44	1/2	1,415.66	1/2	1,057.88	1/2	700.49	1/2	342.72	1/2	16.40	1/2		1/2			
3/4	2,123.76	3/4	1,765.98	3/4	1,408.21	3/4	1,050.43	3/4	693.03	3/4	335.27	3/4		3/4		3/4			
6	2,116.31	6	1,758.53	6	1,400.75	6	1,042.97	6	685.58	6	327.81	6		6		6			
1/4	2,108.85	1/4	1,751.08	1/4	1,393.30	1/4	1,035.52	1/4	678.13	1/4	320.36	1/4		1/4		1/4			
1/2	2,101.40	1/2	1,743.62	1/2	1,385.84	1/2	1,028.07	1/2	670.67	1/2	312.91	1/2		1/2		1/2			
3/4	2,093.95	3/4	1,736.17	3/4	1,378.39	3/4	1,020.62	3/4	663.22	3/4	305.45	3/4		3/4		3/4			
7	2,086.49	7	1,728.71	7	1,370.94	7	1,013.18	7	655.77	7	298.00	7		7		7			
1/4	2,079.04	1/4	1,721.26	1/4	1,363.48	1/4	1,005.74	1/4	648.31	1/4	290.54	1/4		1/4		1/4			
1/2	2,071.58	1/2	1,713.81	1/2	1,356.03	1/2	998.30	1/2	640.86	1/2	283.09	1/2		1/2		1/2			
3/4	2,064.13	3/4	1,706.35	3/4	1,348.58	3/4	990.86	3/4	633.41	3/4	275.64	3/4		3/4		3/4			
8	2,056.68	8	1,698.90	8	1,341.12	8	983.42	8	625.95	8	268.18	8		8		8			
1/4	2,049.22	1/4	1,691.45	1/4	1,333.67	1/4	975.97	1/4	618.50	1/4	260.73	1/4		1/4		1/4			
1/2	2,041.77	1/2	1,683.99	1/2	1,326.21	1/2	968.53	1/2	611.05	1/2	253.28	1/2		1/2		1/2			
3/4	2,034.32	3/4	1,676.54	3/4	1,318.76	3/4	961.09	3/4	603.59	3/4	245.82	3/4		3/4		3/4			
9	2,026.86	9	1,669.08	9	1,311.31	9	953.65	9	596.14	9	238.37	9		9		9			
1/4	2,019.41	1/4	1,661.63	1/4	1,303.85	1/4	946.21	1/4	588.68	1/4	230.92	1/4		1/4		1/4			
1/2	2,011.96	1/2	1,654.18	1/2	1,296.40	1/2	938.77	1/2	581.23	1/2	223.46	1/2		1/2		1/2			
3/4	2,004.50	3/4	1,646.72	3/4	1,288.95	3/4	931.32	3/4	573.78	3/4	216.01	3/4		3/4		3/4			
10	1,997.05	10	1,639.27	10	1,281.49	10	923.88	10	566.32	10	208.56	10		10		10			
1/4	1,989.59	1/4	1,631.82	1/4	1,274.04	1/4	916.44	1/4	558.87	1/4	201.10	1/4		1/4		1/4			
1/2	1,982.14	1/2	1,624.36	1/2	1,266.59	1/2	909.00	1/2	551.42	1/2	193.65	1/2		1/2		1/2			
3/4	1,974.69	3/4	1,616.91	3/4	1,259.13	3/4	901.56	3/4	543.96	3/4	186.20	3/4		3/4		3/4			
11	1,967.23	11	1,609.46	11	1,251.68	11	894.11	11	536.51	11	178.74	11		11		11			
1/4	1,959.78	1/4	1,602.00	1/4	1,244.22	1/4	886.67	1/4	529.06	1/4	171.29	1/4		1/4		1/4			
1/2	1,952.33	1/2	1,594.55	1/2	1,236.77	1/2	879.23	1/2	521.60	1/2	163.84	1/2		1/2		1/2			
3/4	1,944.87	3/4	1,587.09	3/4	1,229.32	3/4	871.79	3/4	514.15	3/4	156.38	3/4		3/4		3/4			

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