



BARGE "KIRBY 28141"

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	- 00-1/8	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	- 00-5/8	00-5/8
1 STBD	- 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	- 00-5/8	00-5/8
2 PORT	- 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 STBD	- 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
3 PORT	- 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
3 STBD	- 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

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

LENGTH BETWEEN DRAFT MARKS: 236'-06"

December 7, 2011

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28141"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0		0		0		0		0		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	
	1/4		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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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 12'-09" OFF CENTERLINE AND 37'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 28141"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

Table with columns for gauge height (IN) and capacity (BARRELS) for various heights (0 to 11 FT.) and fractions (1/4, 1/2, 3/4).

STRAPPED: 12/07/2011 CL - SW
CALCULATED: 12/07/2011 CL
PRINTED: 12/07/2011 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 12/2011

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 28141"

**1 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 16'-05"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,976.59	0	1,645.19	0	1,313.80	0	982.85	0	668.28	0	375.15	0	105.61	0		0		0	
1/4	1,969.69	1/4	1,638.29	1/4	1,306.89	1/4	976.07	1/4	661.95	1/4	369.31	1/4	100.26	1/4		1/4		1/4	
1/2	1,962.78	1/2	1,631.39	1/2	1,299.99	1/2	969.28	1/2	655.62	1/2	363.47	1/2	94.92	1/2		1/2		1/2	
3/4	1,955.88	3/4	1,624.48	3/4	1,293.08	3/4	962.49	3/4	649.28	3/4	357.63	3/4	89.57	3/4		3/4		3/4	
1	1,948.97	1	1,617.58	1	1,286.18	1	955.71	1	642.95	1	351.79	1	84.22	1		1		1	
1/4	1,942.07	1/4	1,610.67	1/4	1,279.28	1/4	948.98	1/4	636.66	1/4	345.99	1/4	78.91	1/4		1/4		1/4	
1/2	1,935.17	1/2	1,603.77	1/2	1,272.37	1/2	942.25	1/2	630.37	1/2	340.19	1/2	73.61	1/2		1/2		1/2	
3/4	1,928.26	3/4	1,596.86	3/4	1,265.47	3/4	935.52	3/4	624.08	3/4	334.39	3/4	68.31	3/4		3/4		3/4	
2	1,921.36	2	1,589.96	2	1,258.56	2	928.80	2	617.79	2	328.59	2	63.00	2		2		2	
1/4	1,914.45	1/4	1,583.06	1/4	1,251.66	1/4	922.11	1/4	611.54	1/4	322.83	1/4	57.74	1/4		1/4		1/4	
1/2	1,907.55	1/2	1,576.15	1/2	1,244.76	1/2	915.42	1/2	605.29	1/2	317.07	1/2	52.47	1/2		1/2		1/2	
3/4	1,900.65	3/4	1,569.25	3/4	1,237.85	3/4	908.73	3/4	599.04	3/4	311.31	3/4	47.20	3/4		3/4		3/4	
3	1,893.74	3	1,562.34	3	1,230.95	3	902.04	3	592.78	3	305.55	3	41.94	3		3		3	
1/4	1,886.84	1/4	1,555.44	1/4	1,224.04	1/4	895.40	1/4	586.58	1/4	299.84	1/4	37.58	1/4		1/4		1/4	
1/2	1,879.93	1/2	1,548.54	1/2	1,217.14	1/2	888.75	1/2	580.37	1/2	294.12	1/2	33.22	1/2		1/2		1/2	
3/4	1,873.03	3/4	1,541.63	3/4	1,210.24	3/4	882.11	3/4	574.16	3/4	288.40	3/4	28.86	3/4		3/4		3/4	
4	1,866.12	4	1,534.73	4	1,203.33	4	875.46	4	567.95	4	282.69	4	24.51	4		4		4	
1/4	1,859.22	1/4	1,527.82	1/4	1,196.43	1/4	868.85	1/4	561.78	1/4	277.01	1/4	21.91	1/4		1/4		1/4	
1/2	1,852.32	1/2	1,520.92	1/2	1,189.52	1/2	862.25	1/2	555.61	1/2	271.33	1/2	19.32	1/2		1/2		1/2	
3/4	1,845.41	3/4	1,514.02	3/4	1,182.62	3/4	855.64	3/4	549.44	3/4	265.65	3/4	16.72	3/4		3/4		3/4	
5	1,838.51	5	1,507.11	5	1,175.71	5	849.04	5	543.27	5	259.97	5	14.13	5		5		5	
1/4	1,831.60	1/4	1,500.21	1/4	1,168.81	1/4	842.47	1/4	537.15	1/4	254.34	1/4		1/4		1/4		1/4	
1/2	1,824.70	1/2	1,493.30	1/2	1,161.91	1/2	835.91	1/2	531.02	1/2	248.70	1/2		1/2		1/2		1/2	
3/4	1,817.80	3/4	1,486.40	3/4	1,155.00	3/4	829.35	3/4	524.89	3/4	243.07	3/4		3/4		3/4		3/4	
6	1,810.89	6	1,479.50	6	1,148.10	6	822.78	6	518.77	6	237.44	6		6		6		6	
1/4	1,803.99	1/4	1,472.59	1/4	1,141.19	1/4	816.26	1/4	512.68	1/4	231.84	1/4		1/4		1/4		1/4	
1/2	1,797.08	1/2	1,465.69	1/2	1,134.29	1/2	809.73	1/2	506.59	1/2	226.24	1/2		1/2		1/2		1/2	
3/4	1,790.18	3/4	1,458.78	3/4	1,127.39	3/4	803.21	3/4	500.51	3/4	220.65	3/4		3/4		3/4		3/4	
7	1,783.28	7	1,451.88	7	1,120.48	7	796.68	7	494.42	7	215.05	7		7		7		7	
1/4	1,776.37	1/4	1,444.97	1/4	1,113.58	1/4	790.20	1/4	488.37	1/4	209.50	1/4		1/4		1/4		1/4	
1/2	1,769.47	1/2	1,438.07	1/2	1,106.67	1/2	783.72	1/2	482.33	1/2	203.94	1/2		1/2		1/2		1/2	
3/4	1,762.56	3/4	1,431.17	3/4	1,099.77	3/4	777.24	3/4	476.29	3/4	198.39	3/4		3/4		3/4		3/4	
8	1,755.66	8	1,424.26	8	1,092.87	8	770.76	8	470.24	8	192.84	8		8		8		8	
1/4	1,748.76	1/4	1,417.36	1/4	1,085.96	1/4	764.31	1/4	464.24	1/4	187.32	1/4		1/4		1/4		1/4	
1/2	1,741.85	1/2	1,410.45	1/2	1,079.06	1/2	757.87	1/2	458.23	1/2	181.81	1/2		1/2		1/2		1/2	
3/4	1,734.95	3/4	1,403.55	3/4	1,072.16	3/4	751.43	3/4	452.22	3/4	176.29	3/4		3/4		3/4		3/4	
9	1,728.04	9	1,396.65	9	1,065.25	9	744.99	9	446.22	9	170.78	9		9		9		9	
1/4	1,721.14	1/4	1,389.74	1/4	1,058.36	1/4	738.57	1/4	440.26	1/4	165.31	1/4		1/4		1/4		1/4	
1/2	1,714.23	1/2	1,382.84	1/2	1,051.46	1/2	732.15	1/2	434.29	1/2	159.84	1/2		1/2		1/2		1/2	
3/4	1,707.33	3/4	1,375.93	3/4	1,044.57	3/4	725.73	3/4	428.33	3/4	154.37	3/4		3/4		3/4		3/4	
10	1,700.43	10	1,369.03	10	1,037.67	10	719.31	10	422.37	10	148.90	10		10		10		10	
1/4	1,693.52	1/4	1,362.13	1/4	1,030.79	1/4	712.93	1/4	416.45	1/4	143.46	1/4		1/4		1/4		1/4	
1/2	1,686.62	1/2	1,355.22	1/2	1,023.91	1/2	706.54	1/2	410.52	1/2	138.03	1/2		1/2		1/2		1/2	
3/4	1,679.71	3/4	1,348.32	3/4	1,017.04	3/4	700.16	3/4	404.60	3/4	132.60	3/4		3/4		3/4		3/4	
11	1,672.81	11	1,341.41	11	1,010.16	11	693.77	11	398.67	11	127.16	11		11		11		11	
1/4	1,665.91	1/4	1,334.51	1/4	1,003.33	1/4	687.40	1/4	392.79	1/4	121.77	1/4		1/4		1/4		1/4	
1/2	1,659.00	1/2	1,327.60	1/2	996.50	1/2	681.03	1/2	386.91	1/2	116.39	1/2		1/2		1/2		1/2	
3/4	1,652.10	3/4	1,320.70	3/4	989.68	3/4	674.65	3/4	381.03	3/4	111.00	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/07/2011 CL - SW
CALCULATED: 12/07/2011 CL
PRINTED: 12/07/2011 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2011

PRECISION MEASUREMENT
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BARGE "KIRBY 28141"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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	2,481.64	0	2,093.39	0	1,705.14	0	1,316.90	0	928.65	0	541.28	0	153.45	0		0		0	
1/4	2,473.55	1/4	2,085.30	1/4	1,697.05	1/4	1,308.81	1/4	920.56	1/4	533.20	1/4	145.37	1/4	1/4		1/4	1/4	1/4
1/2	2,465.46	1/2	2,077.21	1/2	1,688.97	1/2	1,300.72	1/2	912.47	1/2	525.12	1/2	137.29	1/2	1/2		1/2	1/2	1/2
3/4	2,457.37	3/4	2,069.13	3/4	1,680.88	3/4	1,292.63	3/4	904.38	3/4	517.04	3/4	129.21	3/4	3/4		3/4	3/4	3/4
1	2,449.29	1	2,061.04	1	1,672.79	1	1,284.54	1	896.31	1	508.96	1	121.13	1	1		1	1	1
1/4	2,441.20	1/4	2,052.95	1/4	1,664.70	1/4	1,276.45	1/4	888.23	1/4	500.88	1/4	113.05	1/4	1/4		1/4	1/4	1/4
1/2	2,433.11	1/2	2,044.86	1/2	1,656.61	1/2	1,268.36	1/2	880.15	1/2	492.80	1/2	104.97	1/2	1/2		1/2	1/2	1/2
3/4	2,425.02	3/4	2,036.77	3/4	1,648.52	3/4	1,260.28	3/4	872.08	3/4	484.72	3/4	96.89	3/4	3/4		3/4	3/4	3/4
2	2,416.93	2	2,028.68	2	1,640.44	2	1,252.19	2	864.01	2	476.64	2	88.81	2	2		2	2	2
1/4	2,408.84	1/4	2,020.59	1/4	1,632.35	1/4	1,244.10	1/4	855.95	1/4	468.56	1/4	80.73	1/4	1/4		1/4	1/4	1/4
1/2	2,400.75	1/2	2,012.51	1/2	1,624.26	1/2	1,236.01	1/2	847.88	1/2	460.48	1/2	72.65	1/2	1/2		1/2	1/2	1/2
3/4	2,392.67	3/4	2,004.42	3/4	1,616.17	3/4	1,227.92	3/4	839.82	3/4	452.40	3/4	64.57	3/4	3/4		3/4	3/4	3/4
3	2,384.58	3	1,996.33	3	1,608.08	3	1,219.83	3	831.76	3	444.32	3	57.50	3	3		3	3	3
1/4	2,376.49	1/4	1,988.24	1/4	1,599.99	1/4	1,211.74	1/4	823.69	1/4	436.24	1/4	50.43	1/4	1/4		1/4	1/4	1/4
1/2	2,368.40	1/2	1,980.15	1/2	1,591.90	1/2	1,203.66	1/2	815.63	1/2	428.16	1/2	43.36	1/2	1/2		1/2	1/2	1/2
3/4	2,360.31	3/4	1,972.06	3/4	1,583.82	3/4	1,195.57	3/4	807.56	3/4	420.08	3/4	36.29	3/4	3/4		3/4	3/4	3/4
4	2,352.22	4	1,963.98	4	1,575.73	4	1,187.48	4	799.50	4	412.00	4	31.25	4	4		4	4	4
1/4	2,344.13	1/4	1,955.89	1/4	1,567.64	1/4	1,179.39	1/4	791.44	1/4	403.92	1/4	26.20	1/4	1/4		1/4	1/4	1/4
1/2	2,336.05	1/2	1,947.80	1/2	1,559.55	1/2	1,171.30	1/2	783.37	1/2	395.84	1/2	21.15	1/2	1/2		1/2	1/2	1/2
3/4	2,327.96	3/4	1,939.71	3/4	1,551.46	3/4	1,163.21	3/4	775.31	3/4	387.76	3/4	16.11	3/4	3/4		3/4	3/4	3/4
5	2,319.87	5	1,931.62	5	1,543.37	5	1,155.13	5	767.24	5	379.68	5		5	5		5	5	5
1/4	2,311.78	1/4	1,923.53	1/4	1,535.28	1/4	1,147.04	1/4	759.18	1/4	371.60	1/4		1/4	1/4		1/4	1/4	1/4
1/2	2,303.69	1/2	1,915.44	1/2	1,527.20	1/2	1,138.95	1/2	751.12	1/2	363.52	1/2		1/2	1/2		1/2	1/2	1/2
3/4	2,295.60	3/4	1,907.36	3/4	1,519.11	3/4	1,130.86	3/4	743.05	3/4	355.44	3/4		3/4	3/4		3/4	3/4	3/4
6	2,287.52	6	1,899.27	6	1,511.02	6	1,122.77	6	734.99	6	347.36	6		6	6		6	6	6
1/4	2,279.43	1/4	1,891.18	1/4	1,502.93	1/4	1,114.68	1/4	726.92	1/4	339.29	1/4		1/4	1/4		1/4	1/4	1/4
1/2	2,271.34	1/2	1,883.09	1/2	1,494.84	1/2	1,106.59	1/2	718.86	1/2	331.21	1/2		1/2	1/2		1/2	1/2	1/2
3/4	2,263.25	3/4	1,875.00	3/4	1,486.75	3/4	1,098.51	3/4	710.80	3/4	323.13	3/4		3/4	3/4		3/4	3/4	3/4
7	2,255.16	7	1,866.91	7	1,478.67	7	1,090.42	7	702.73	7	315.05	7		7	7		7	7	7
1/4	2,247.07	1/4	1,858.82	1/4	1,470.58	1/4	1,082.33	1/4	694.67	1/4	306.97	1/4		1/4	1/4		1/4	1/4	1/4
1/2	2,238.98	1/2	1,850.74	1/2	1,462.49	1/2	1,074.24	1/2	686.60	1/2	298.89	1/2		1/2	1/2		1/2	1/2	1/2
3/4	2,230.90	3/4	1,842.65	3/4	1,454.40	3/4	1,066.15	3/4	678.54	3/4	290.81	3/4		3/4	3/4		3/4	3/4	3/4
8	2,222.81	8	1,834.56	8	1,446.31	8	1,058.06	8	670.48	8	282.73	8		8	8		8	8	8
1/4	2,214.72	1/4	1,826.47	1/4	1,438.22	1/4	1,049.97	1/4	662.41	1/4	274.65	1/4		1/4	1/4		1/4	1/4	1/4
1/2	2,206.63	1/2	1,818.38	1/2	1,430.13	1/2	1,041.89	1/2	654.35	1/2	266.57	1/2		1/2	1/2		1/2	1/2	1/2
3/4	2,198.54	3/4	1,810.29	3/4	1,422.05	3/4	1,033.80	3/4	646.28	3/4	258.49	3/4		3/4	3/4		3/4	3/4	3/4
9	2,190.45	9	1,802.21	9	1,413.96	9	1,025.71	9	638.21	9	250.41	9		9	9		9	9	9
1/4	2,182.36	1/4	1,794.12	1/4	1,405.87	1/4	1,017.62	1/4	630.14	1/4	242.33	1/4		1/4	1/4		1/4	1/4	1/4
1/2	2,174.28	1/2	1,786.03	1/2	1,397.78	1/2	1,009.53	1/2	622.07	1/2	234.25	1/2		1/2	1/2		1/2	1/2	1/2
3/4	2,166.19	3/4	1,777.94	3/4	1,389.69	3/4	1,001.44	3/4	614.00	3/4	226.17	3/4		3/4	3/4		3/4	3/4	3/4
10	2,158.10	10	1,769.85	10	1,381.60	10	993.36	10	605.92	10	218.09	10		10	10		10	10	10
1/4	2,150.01	1/4	1,761.76	1/4	1,373.51	1/4	985.27	1/4	597.84	1/4	210.01	1/4		1/4	1/4		1/4	1/4	1/4
1/2	2,141.92	1/2	1,753.67	1/2	1,365.43	1/2	977.18	1/2	589.76	1/2	201.93	1/2		1/2	1/2		1/2	1/2	1/2
3/4	2,133.83	3/4	1,745.59	3/4	1,357.34	3/4	969.09	3/4	581.68	3/4	193.85	3/4		3/4	3/4		3/4	3/4	3/4
11	2,125.75	11	1,737.50	11	1,349.25	11	961.00	11	573.60	11	185.77	11		11	11		11	11	11
1/4	2,117.66	1/4	1,729.41	1/4	1,341.16	1/4	952.91	1/4	565.52	1/4	177.69	1/4		1/4	1/4		1/4	1/4	1/4
1/2	2,109.57	1/2	1,721.32	1/2	1,333.07	1/2	944.82	1/2	557.44	1/2	169.61	1/2		1/2	1/2		1/2	1/2	1/2
3/4	2,101.48	3/4	1,713.23	3/4	1,324.98	3/4	936.74	3/4	549.36	3/4	161.53	3/4		3/4	3/4		3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/07/2011 CL - SW
CALCULATED: 12/07/2011 CL
PRINTED: 12/07/2011 CLCANCELS AND SUPERCEDES
ALL PRIOR TO 12/2011PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 28141"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,466.80	0	2,078.70	0	1,690.60	0	1,302.50	0	915.32	0	541.98	0	153.92	0		0		0	
1/4	2,458.72	1/4	2,070.62	1/4	1,682.52	1/4	1,294.42	1/4	907.55	1/4	533.90	1/4	145.84	1/4	1/4		1/4		1/4
1/2	2,450.63	1/2	2,062.53	1/2	1,674.43	1/2	1,286.33	1/2	899.77	1/2	525.81	1/2	137.75	1/2	1/2		1/2		1/2
3/4	2,442.54	3/4	2,054.45	3/4	1,666.35	3/4	1,278.25	3/4	891.99	3/4	517.73	3/4	129.67	3/4	3/4		3/4		3/4
1	2,434.46	1	2,046.36	1	1,658.26	1	1,270.16	1	884.23	1	509.64	1	121.59	1	1		1		1
1/4	2,426.37	1/4	2,038.27	1/4	1,650.18	1/4	1,262.08	1/4	876.47	1/4	501.56	1/4	113.50	1/4	1/4		1/4		1/4
1/2	2,418.29	1/2	2,030.19	1/2	1,642.09	1/2	1,253.99	1/2	868.71	1/2	493.47	1/2	105.42	1/2	1/2		1/2		1/2
3/4	2,410.20	3/4	2,022.10	3/4	1,634.00	3/4	1,245.91	3/4	860.95	3/4	485.39	3/4	97.33	3/4	3/4		3/4		3/4
2	2,402.12	2	2,014.02	2	1,625.92	2	1,237.82	2	853.20	2	477.30	2	89.25	2	2		2		2
1/4	2,394.03	1/4	2,005.93	1/4	1,617.83	1/4	1,229.73	1/4	845.44	1/4	469.22	1/4	81.16	1/4	1/4		1/4		1/4
1/2	2,385.95	1/2	1,997.85	1/2	1,609.75	1/2	1,221.65	1/2	837.69	1/2	461.13	1/2	73.08	1/2	1/2		1/2		1/2
3/4	2,377.86	3/4	1,989.76	3/4	1,601.66	3/4	1,213.56	3/4	829.94	3/4	453.05	3/4	64.99	3/4	3/4		3/4		3/4
3	2,369.78	3	1,981.68	3	1,593.58	3	1,205.48	3	822.19	3	444.97	3	57.92	3	3		3		3
1/4	2,361.69	1/4	1,973.59	1/4	1,585.49	1/4	1,197.39	1/4	814.44	1/4	436.88	1/4	50.84	1/4	1/4		1/4		1/4
1/2	2,353.61	1/2	1,965.51	1/2	1,577.41	1/2	1,189.31	1/2	806.69	1/2	428.80	1/2	43.77	1/2	1/2		1/2		1/2
3/4	2,345.52	3/4	1,957.42	3/4	1,569.32	3/4	1,181.22	3/4	798.94	3/4	420.71	3/4	36.69	3/4	3/4		3/4		3/4
4	2,337.43	4	1,949.34	4	1,561.24	4	1,173.14	4	791.18	4	412.63	4	31.64	4	4		4		4
1/4	2,329.35	1/4	1,941.25	1/4	1,553.15	1/4	1,165.05	1/4	783.43	1/4	404.54	1/4	26.59	1/4	1/4		1/4		1/4
1/2	2,321.26	1/2	1,933.16	1/2	1,545.07	1/2	1,156.97	1/2	775.68	1/2	396.46	1/2	21.53	1/2	1/2		1/2		1/2
3/4	2,313.18	3/4	1,925.08	3/4	1,536.98	3/4	1,148.88	3/4	767.93	3/4	388.37	3/4	16.48	3/4	3/4		3/4		3/4
5	2,305.09	5	1,916.99	5	1,528.89	5	1,140.80	5	760.18	5	380.29	5		5	5		5		5
1/4	2,297.01	1/4	1,908.91	1/4	1,520.81	1/4	1,132.71	1/4	752.43	1/4	372.21	1/4		1/4	1/4		1/4		1/4
1/2	2,288.92	1/2	1,900.82	1/2	1,512.72	1/2	1,124.62	1/2	744.67	1/2	364.12	1/2		1/2	1/2		1/2		1/2
3/4	2,280.84	3/4	1,892.74	3/4	1,504.64	3/4	1,116.54	3/4	736.92	3/4	356.04	3/4		3/4	3/4		3/4		3/4
6	2,272.75	6	1,884.65	6	1,496.55	6	1,108.45	6	729.17	6	347.95	6		6	6		6		6
1/4	2,264.67	1/4	1,876.57	1/4	1,488.47	1/4	1,100.37	1/4	721.42	1/4	339.87	1/4		1/4	1/4		1/4		1/4
1/2	2,256.58	1/2	1,868.48	1/2	1,480.38	1/2	1,092.28	1/2	713.67	1/2	331.78	1/2		1/2	1/2		1/2		1/2
3/4	2,248.50	3/4	1,860.40	3/4	1,472.30	3/4	1,084.20	3/4	705.92	3/4	323.70	3/4		3/4	3/4		3/4		3/4
7	2,240.41	7	1,852.31	7	1,464.21	7	1,076.11	7	698.17	7	315.61	7		7	7		7		7
1/4	2,232.32	1/4	1,844.23	1/4	1,456.13	1/4	1,068.03	1/4	690.42	1/4	307.53	1/4		1/4	1/4		1/4		1/4
1/2	2,224.24	1/2	1,836.14	1/2	1,448.04	1/2	1,059.94	1/2	682.67	1/2	299.44	1/2		1/2	1/2		1/2		1/2
3/4	2,216.15	3/4	1,828.05	3/4	1,439.96	3/4	1,051.86	3/4	674.92	3/4	291.36	3/4		3/4	3/4		3/4		3/4
8	2,208.07	8	1,819.97	8	1,431.87	8	1,043.77	8	667.17	8	283.28	8		8	8		8		8
1/4	2,199.98	1/4	1,811.88	1/4	1,423.78	1/4	1,035.69	1/4	659.42	1/4	275.19	1/4		1/4	1/4		1/4		1/4
1/2	2,191.90	1/2	1,803.80	1/2	1,415.70	1/2	1,027.60	1/2	651.67	1/2	267.11	1/2		1/2	1/2		1/2		1/2
3/4	2,183.81	3/4	1,795.71	3/4	1,407.61	3/4	1,019.51	3/4	643.92	3/4	259.02	3/4		3/4	3/4		3/4		3/4
9	2,175.73	9	1,787.63	9	1,399.53	9	1,011.43	9	636.16	9	250.94	9		9	9		9		9
1/4	2,167.64	1/4	1,779.54	1/4	1,391.44	1/4	1,003.34	1/4	628.40	1/4	242.85	1/4		1/4	1/4		1/4		1/4
1/2	2,159.56	1/2	1,771.46	1/2	1,383.36	1/2	995.26	1/2	620.64	1/2	234.77	1/2		1/2	1/2		1/2		1/2
3/4	2,151.47	3/4	1,763.37	3/4	1,375.27	3/4	987.17	3/4	612.88	3/4	226.68	3/4		3/4	3/4		3/4		3/4
10	2,143.39	10	1,755.29	10	1,367.19	10	979.09	10	605.11	10	218.60	10		10	10		10		10
1/4	2,135.30	1/4	1,747.20	1/4	1,359.10	1/4	971.00	1/4	597.34	1/4	210.52	1/4		1/4	1/4		1/4		1/4
1/2	2,127.21	1/2	1,739.12	1/2	1,351.02	1/2	962.92	1/2	589.56	1/2	202.43	1/2		1/2	1/2		1/2		1/2
3/4	2,119.13	3/4	1,731.03	3/4	1,342.93	3/4	954.83	3/4	581.79	3/4	194.35	3/4		3/4	3/4		3/4		3/4
11	2,111.04	11	1,722.94	11	1,334.85	11	946.90	11	573.86	11	186.26	11		11	11		11		11
1/4	2,102.96	1/4	1,714.86	1/4	1,326.76	1/4	938.97	1/4	565.93	1/4	178.18	1/4		1/4	1/4		1/4		1/4
1/2	2,094.87	1/2	1,706.77	1/2	1,318.67	1/2	931.03	1/2	558.00	1/2	170.09	1/2		1/2	1/2		1/2		1/2
3/4	2,086.79	3/4	1,698.69	3/4	1,310.59	3/4	923.10	3/4	550.06	3/4	162.01	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/07/2011 CL - SW
CALCULATED: 12/07/2011 CL
PRINTED: 12/07/2011 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2011

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



BARGE "KIRBY 28141"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	2,322.95	0	1,962.04	0	1,601.13	0	1,240.22	0	880.09	0	519.22	0	158.33	0		0		0	
1/4	2,315.43	1/4	1,954.52	1/4	1,593.61	1/4	1,232.71	1/4	872.59	1/4	511.70	1/4	150.82	1/4	1/4	1/4		1/4	
1/2	2,307.91	1/2	1,947.00	1/2	1,586.09	1/2	1,225.19	1/2	865.07	1/2	504.19	1/2	143.30	1/2	1/2	1/2		1/2	
3/4	2,300.39	3/4	1,939.48	3/4	1,578.58	3/4	1,217.67	3/4	857.56	3/4	496.67	3/4	135.78	3/4	3/4	3/4		3/4	
1	2,292.87	1	1,931.96	1	1,571.06	1	1,210.15	1	850.04	1	489.15	1	128.26	1	1	1		1	
1/4	2,285.35	1/4	1,924.44	1/4	1,563.54	1/4	1,202.63	1/4	842.52	1/4	481.63	1/4	120.74	1/4	1/4	1/4		1/4	
1/2	2,277.83	1/2	1,916.93	1/2	1,556.02	1/2	1,195.11	1/2	835.00	1/2	474.11	1/2	113.22	1/2	1/2	1/2		1/2	
3/4	2,270.31	3/4	1,909.41	3/4	1,548.50	3/4	1,187.59	3/4	827.48	3/4	466.59	3/4	105.71	3/4	3/4	3/4		3/4	
2	2,262.80	2	1,901.89	2	1,540.98	2	1,180.07	2	819.96	2	459.07	2	98.19	2	2	2		2	
1/4	2,255.28	1/4	1,894.37	1/4	1,533.46	1/4	1,172.55	1/4	812.44	1/4	451.56	1/4	90.67	1/4	1/4	1/4		1/4	
1/2	2,247.76	1/2	1,886.85	1/2	1,525.94	1/2	1,165.04	1/2	804.93	1/2	444.04	1/2	83.15	1/2	1/2	1/2		1/2	
3/4	2,240.24	3/4	1,879.33	3/4	1,518.42	3/4	1,157.52	3/4	797.41	3/4	436.52	3/4	75.63	3/4	3/4	3/4		3/4	
3	2,232.72	3	1,871.81	3	1,510.91	3	1,150.00	3	789.89	3	429.00	3	68.11	3	3	3		3	
1/4	2,225.20	1/4	1,864.29	1/4	1,503.39	1/4	1,142.48	1/4	782.37	1/4	421.48	1/4	60.59	1/4	1/4	1/4		1/4	
1/2	2,217.68	1/2	1,856.77	1/2	1,495.87	1/2	1,134.96	1/2	774.85	1/2	413.96	1/2	54.01	1/2	1/2	1/2		1/2	
3/4	2,210.16	3/4	1,849.26	3/4	1,488.35	3/4	1,127.44	3/4	767.33	3/4	406.45	3/4	47.44	3/4	3/4	3/4		3/4	
4	2,202.64	4	1,841.74	4	1,480.83	4	1,119.92	4	759.81	4	398.93	4	40.86	4	4	4		4	
1/4	2,195.13	1/4	1,834.22	1/4	1,473.31	1/4	1,112.40	1/4	752.30	1/4	391.41	1/4	34.28	1/4	1/4	1/4		1/4	
1/2	2,187.61	1/2	1,826.70	1/2	1,465.79	1/2	1,104.91	1/2	744.78	1/2	383.89	1/2	29.58	1/2	1/2	1/2		1/2	
3/4	2,180.09	3/4	1,819.18	3/4	1,458.27	3/4	1,097.42	3/4	737.26	3/4	376.37	3/4	24.88	3/4	3/4	3/4		3/4	
5	2,172.57	5	1,811.66	5	1,450.75	5	1,089.92	5	729.74	5	368.85	5	20.18	5	5	5		5	
1/4	2,165.05	1/4	1,804.14	1/4	1,443.24	1/4	1,082.43	1/4	722.22	1/4	361.33	1/4	15.48	1/4	1/4	1/4		1/4	
1/2	2,157.53	1/2	1,796.62	1/2	1,435.72	1/2	1,074.93	1/2	714.70	1/2	353.82	1/2		1/2	1/2	1/2		1/2	
3/4	2,150.01	3/4	1,789.10	3/4	1,428.20	3/4	1,067.44	3/4	707.19	3/4	346.30	3/4		3/4	3/4	3/4		3/4	
6	2,142.49	6	1,781.59	6	1,420.68	6	1,059.94	6	699.67	6	338.78	6		6	6	6		6	
1/4	2,134.97	1/4	1,774.07	1/4	1,413.16	1/4	1,052.45	1/4	692.15	1/4	331.26	1/4		1/4	1/4	1/4		1/4	
1/2	2,127.46	1/2	1,766.55	1/2	1,405.64	1/2	1,044.96	1/2	684.63	1/2	323.74	1/2		1/2	1/2	1/2		1/2	
3/4	2,119.94	3/4	1,759.03	3/4	1,398.12	3/4	1,037.46	3/4	677.11	3/4	316.22	3/4		3/4	3/4	3/4		3/4	
7	2,112.42	7	1,751.51	7	1,390.60	7	1,029.97	7	669.59	7	308.70	7		7	7	7		7	
1/4	2,104.90	1/4	1,743.99	1/4	1,383.08	1/4	1,022.47	1/4	662.07	1/4	301.19	1/4		1/4	1/4	1/4		1/4	
1/2	2,097.38	1/2	1,736.47	1/2	1,375.57	1/2	1,014.98	1/2	654.56	1/2	293.67	1/2		1/2	1/2	1/2		1/2	
3/4	2,089.86	3/4	1,728.95	3/4	1,368.05	3/4	1,007.49	3/4	647.04	3/4	286.15	3/4		3/4	3/4	3/4		3/4	
8	2,082.34	8	1,721.43	8	1,360.53	8	999.99	8	639.52	8	278.63	8		8	8	8		8	
1/4	2,074.82	1/4	1,713.92	1/4	1,353.01	1/4	992.50	1/4	632.00	1/4	271.11	1/4		1/4	1/4	1/4		1/4	
1/2	2,067.30	1/2	1,706.40	1/2	1,345.49	1/2	985.00	1/2	624.48	1/2	263.59	1/2		1/2	1/2	1/2		1/2	
3/4	2,059.78	3/4	1,698.88	3/4	1,337.97	3/4	977.51	3/4	616.96	3/4	256.08	3/4		3/4	3/4	3/4		3/4	
9	2,052.27	9	1,691.36	9	1,330.45	9	970.02	9	609.44	9	248.56	9		9	9	9		9	
1/4	2,044.75	1/4	1,683.84	1/4	1,322.93	1/4	962.52	1/4	601.93	1/4	241.04	1/4		1/4	1/4	1/4		1/4	
1/2	2,037.23	1/2	1,676.32	1/2	1,315.41	1/2	955.03	1/2	594.41	1/2	233.52	1/2		1/2	1/2	1/2		1/2	
3/4	2,029.71	3/4	1,668.80	3/4	1,307.89	3/4	947.53	3/4	586.89	3/4	226.00	3/4		3/4	3/4	3/4		3/4	
10	2,022.19	10	1,661.28	10	1,300.38	10	940.04	10	579.37	10	218.48	10		10	10	10		10	
1/4	2,014.67	1/4	1,653.76	1/4	1,292.86	1/4	932.55	1/4	571.85	1/4	210.96	1/4		1/4	1/4	1/4		1/4	
1/2	2,007.15	1/2	1,646.25	1/2	1,285.34	1/2	925.05	1/2	564.33	1/2	203.45	1/2		1/2	1/2	1/2		1/2	
3/4	1,999.63	3/4	1,638.73	3/4	1,277.82	3/4	917.56	3/4	556.82	3/4	195.93	3/4		3/4	3/4	3/4		3/4	
11	1,992.11	11	1,631.21	11	1,270.30	11	910.06	11	549.30	11	188.41	11		11	11	11		11	
1/4	1,984.60	1/4	1,623.69	1/4	1,262.78	1/4	902.57	1/4	541.78	1/4	180.89	1/4		1/4	1/4	1/4		1/4	
1/2	1,977.08	1/2	1,616.17	1/2	1,255.26	1/2	895.07	1/2	534.26	1/2	173.37	1/2		1/2	1/2	1/2		1/2	
3/4	1,969.56	3/4	1,608.65	3/4	1,247.74	3/4	887.58	3/4	526.74	3/4	165.85	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 12/2011

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 28141"

3 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

Table with columns for height (0 FT. to 9 FT.) and depth (IN: 0, 1/4, 1/2, 3/4) for each foot. Values are in barrels of 42 U.S. gallons.

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 40'-09" FORWARD OF AFT BULKHEAD.

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Pearland, Texas 77588
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[Signature]



BARGE "KIRBY 28141"

3 STBD 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	2,294.39	0	1,935.49	0	1,577.12	0	1,216.91	0	863.46	0	510.87	0	150.79	0		0		0	
1/4	2,286.89	1/4	1,928.06	1/4	1,569.62	1/4	1,209.54	1/4	856.09	1/4	503.43	1/4	143.27	1/4		1/4		1/4	
1/2	2,279.38	1/2	1,920.62	1/2	1,562.11	1/2	1,202.17	1/2	848.72	1/2	495.99	1/2	135.75	1/2		1/2		1/2	
3/4	2,271.88	3/4	1,913.18	3/4	1,554.61	3/4	1,194.80	3/4	841.36	3/4	488.56	3/4	128.23	3/4		3/4		3/4	
1	2,264.37	1	1,905.74	1	1,547.10	1	1,187.43	1	833.99	1	481.12	1	120.72	1		1		1	
1/4	2,256.87	1/4	1,898.30	1/4	1,539.60	1/4	1,180.07	1/4	826.62	1/4	473.61	1/4	113.20	1/4		1/4		1/4	
1/2	2,249.37	1/2	1,890.86	1/2	1,532.09	1/2	1,172.70	1/2	819.26	1/2	466.11	1/2	105.68	1/2		1/2		1/2	
3/4	2,241.86	3/4	1,883.42	3/4	1,524.59	3/4	1,165.33	3/4	811.90	3/4	458.60	3/4	98.17	3/4		3/4		3/4	
2	2,234.36	2	1,875.99	2	1,517.09	2	1,157.96	2	804.53	2	451.10	2	90.65	2		2		2	
1/4	2,226.85	1/4	1,868.55	1/4	1,509.58	1/4	1,150.59	1/4	797.18	1/4	443.59	1/4	83.13	1/4		1/4		1/4	
1/2	2,219.35	1/2	1,861.11	1/2	1,502.08	1/2	1,143.23	1/2	789.83	1/2	436.09	1/2	75.61	1/2		1/2		1/2	
3/4	2,211.84	3/4	1,853.67	3/4	1,494.57	3/4	1,135.86	3/4	782.49	3/4	428.58	3/4	68.10	3/4		3/4		3/4	
3	2,204.34	3	1,846.23	3	1,487.07	3	1,128.49	3	775.14	3	421.08	3	60.58	3		3		3	
1/4	2,196.83	1/4	1,838.79	1/4	1,479.56	1/4	1,121.12	1/4	767.80	1/4	413.57	1/4	54.00	1/4		1/4		1/4	
1/2	2,189.33	1/2	1,831.35	1/2	1,472.06	1/2	1,113.75	1/2	760.47	1/2	406.06	1/2	47.42	1/2		1/2		1/2	
3/4	2,181.83	3/4	1,823.91	3/4	1,464.55	3/4	1,106.39	3/4	753.13	3/4	398.56	3/4	40.85	3/4		3/4		3/4	
4	2,174.32	4	1,816.48	4	1,457.05	4	1,099.02	4	745.80	4	391.05	4	34.27	4		4		4	
1/4	2,166.82	1/4	1,809.04	1/4	1,449.54	1/4	1,091.66	1/4	738.46	1/4	383.55	1/4	29.57	1/4		1/4		1/4	
1/2	2,159.31	1/2	1,801.60	1/2	1,442.04	1/2	1,084.29	1/2	731.13	1/2	376.04	1/2	24.87	1/2		1/2		1/2	
3/4	2,151.81	3/4	1,794.16	3/4	1,434.54	3/4	1,076.93	3/4	723.79	3/4	368.54	3/4	20.17	3/4		3/4		3/4	
5	2,144.30	5	1,786.72	5	1,427.03	5	1,069.57	5	716.46	5	361.03	5	15.48	5		5		5	
1/4	2,136.80	1/4	1,779.28	1/4	1,419.53	1/4	1,062.21	1/4	709.12	1/4	353.53	1/4		1/4		1/4		1/4	
1/2	2,129.30	1/2	1,771.84	1/2	1,412.02	1/2	1,054.85	1/2	701.79	1/2	346.02	1/2		1/2		1/2		1/2	
3/4	2,121.79	3/4	1,764.40	3/4	1,404.52	3/4	1,047.49	3/4	694.45	3/4	338.52	3/4		3/4		3/4		3/4	
6	2,114.29	6	1,756.97	6	1,397.01	6	1,040.13	6	687.11	6	331.01	6		6		6		6	
1/4	2,106.78	1/4	1,749.53	1/4	1,389.51	1/4	1,032.77	1/4	679.78	1/4	323.50	1/4		1/4		1/4		1/4	
1/2	2,099.28	1/2	1,742.09	1/2	1,382.00	1/2	1,025.41	1/2	672.44	1/2	316.00	1/2		1/2		1/2		1/2	
3/4	2,091.77	3/4	1,734.65	3/4	1,374.50	3/4	1,018.04	3/4	665.10	3/4	308.49	3/4		3/4		3/4		3/4	
7	2,084.27	7	1,727.21	7	1,367.00	7	1,010.68	7	657.77	7	300.99	7		7		7		7	
1/4	2,076.83	1/4	1,719.71	1/4	1,359.49	1/4	1,003.32	1/4	650.43	1/4	293.48	1/4		1/4		1/4		1/4	
1/2	2,069.39	1/2	1,712.20	1/2	1,351.99	1/2	995.96	1/2	643.09	1/2	285.98	1/2		1/2		1/2		1/2	
3/4	2,061.95	3/4	1,704.70	3/4	1,344.48	3/4	988.60	3/4	635.76	3/4	278.47	3/4		3/4		3/4		3/4	
8	2,054.51	8	1,697.19	8	1,336.98	8	981.24	8	628.42	8	270.97	8		8		8		8	
1/4	2,047.08	1/4	1,689.69	1/4	1,329.47	1/4	973.88	1/4	621.09	1/4	263.46	1/4		1/4		1/4		1/4	
1/2	2,039.64	1/2	1,682.18	1/2	1,321.97	1/2	966.52	1/2	613.75	1/2	255.96	1/2		1/2		1/2		1/2	
3/4	2,032.20	3/4	1,674.68	3/4	1,314.46	3/4	959.15	3/4	606.41	3/4	248.45	3/4		3/4		3/4		3/4	
9	2,024.76	9	1,667.18	9	1,306.96	9	951.79	9	599.08	9	240.95	9		9		9		9	
1/4	2,017.32	1/4	1,659.67	1/4	1,299.45	1/4	944.43	1/4	591.74	1/4	233.44	1/4		1/4		1/4		1/4	
1/2	2,009.88	1/2	1,652.17	1/2	1,291.95	1/2	937.07	1/2	584.40	1/2	225.93	1/2		1/2		1/2		1/2	
3/4	2,002.44	3/4	1,644.66	3/4	1,284.45	3/4	929.71	3/4	577.07	3/4	218.43	3/4		3/4		3/4		3/4	
10	1,995.00	10	1,637.16	10	1,276.94	10	922.35	10	569.73	10	210.92	10		10		10		10	
1/4	1,987.57	1/4	1,629.65	1/4	1,269.44	1/4	914.99	1/4	562.38	1/4	203.41	1/4		1/4		1/4		1/4	
1/2	1,980.13	1/2	1,622.15	1/2	1,261.93	1/2	907.63	1/2	555.03	1/2	195.89	1/2		1/2		1/2		1/2	
3/4	1,972.69	3/4	1,614.64	3/4	1,254.43	3/4	900.26	3/4	547.68	3/4	188.37	3/4		3/4		3/4		3/4	
11	1,965.25	11	1,607.14	11	1,246.92	11	892.90	11	540.33	11	180.86	11		11		11		11	
1/4	1,957.81	1/4	1,599.63	1/4	1,239.42	1/4	885.54	1/4	532.97	1/4	173.34	1/4		1/4		1/4		1/4	
1/2	1,950.37	1/2	1,592.13	1/2	1,231.91	1/2	878.18	1/2	525.60	1/2	165.82	1/2		1/2		1/2		1/2	
3/4	1,942.93	3/4	1,584.63	3/4	1,224.41	3/4	870.82	3/4	518.23	3/4	158.30	3/4		3/4		3/4		3/4	

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