



**\*KIRBY 10510\***



**\*Barge Strapping Tables\***





# BARGE "KIRBY 10510"

ULLAGE TRIM TABLE

FORMERLY "DC 730"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 CENTER	-00-3/4	00-3/4	-01-1/2	01-1/2	-02-1/4	02-1/4	-03-0/8	03-0/8	-03-3/4	03-3/4	-04-1/2	04-1/2
2 CENTER	-00-3/8	00-3/8	-00-7/8	00-7/8	-01-1/4	01-1/4	-01-5/8	01-5/8	-02-0/8	02-0/8	-02-1/2	02-1/2
3 CENTER	-00-0/8	00-0/8	-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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

$$\begin{aligned}
 \text{FWD. DRAFT} &= 2'-00" \\
 \text{AFT DRAFT} &= 4'-00" \\
 \text{DIFF.} &= 2'-00" \quad (\text{DOWN BY STERN})
 \end{aligned}$$

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 01-1/2"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER THE TRIM CORRECTED ULLAGE IS 4'-01 1/2"

LENGTH BETWEEN DRAFT MARKS: 156'-04"

June 11, 2001

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

<http://www.pmacorp.net>



# BARGE "KIRBY 10510"

## 1 CENTER ULLAGE TABLE

FORMERLY "DC 730"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN																		
0	0	0	0	0	0	0	0	0	0	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	1/4	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	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	3/4	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	1/4	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	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	3/4	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	1/4	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	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	3/4	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	1/4	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	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	3/4	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	1/4	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	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	3/4	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	1/4	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	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	3/4	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	1/4	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	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	3/4	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	1/4	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	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	3/4	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	1/4	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	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	3/4	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	1/4	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	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	3/4	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	1/4	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	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	3/4	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	1/4	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	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	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	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE RECOMPUTED BY SUBMITTED DATA BY KIRBY INDUSTRIES.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK SHELL.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 16'-09" 3/4" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
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# BARGE "KIRBY 10510"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DC 730"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	1,843.86	0	1,590.49	0	1,337.12	0	1,083.74	0	830.37	0	577.00	0	323.63	0	70.95	0	0	0	0
1/4	1,838.58	1/4	1,585.21	1/4	1,331.84	1/4	1,078.47	1/4	825.09	1/4	571.72	1/4	318.35	1/4	65.71	1/4	1/4	1/4	1/4
1/2	1,833.31	1/2	1,579.93	1/2	1,326.56	1/2	1,073.19	1/2	819.81	1/2	566.44	1/2	313.07	1/2	60.47	1/2	1/2	1/2	1/2
3/4	1,828.03	3/4	1,574.65	3/4	1,321.28	3/4	1,067.91	3/4	814.54	3/4	561.16	3/4	307.79	3/4	55.24	3/4	3/4	3/4	3/4
1	1,822.75	1	1,569.38	1	1,316.00	1	1,062.63	1	809.26	1	555.88	1	302.51	1	50.00	1	1	1	1
1/4	1,817.47	1/4	1,564.10	1/4	1,310.72	1/4	1,057.35	1/4	803.98	1/4	550.61	1/4	297.23	1/4	44.77	1/4	1/4	1/4	1/4
1/2	1,812.19	1/2	1,558.82	1/2	1,305.45	1/2	1,052.07	1/2	798.70	1/2	545.33	1/2	291.95	1/2	39.53	1/2	1/2	1/2	1/2
3/4	1,806.91	3/4	1,553.54	3/4	1,300.17	3/4	1,046.79	3/4	793.42	3/4	540.05	3/4	286.68	3/4	34.29	3/4	3/4	3/4	3/4
2	1,801.63	2	1,548.26	2	1,294.89	2	1,041.52	2	788.14	2	534.77	2	281.40	2	29.47	2	2	2	2
1/4	1,796.36	1/4	1,542.98	1/4	1,289.61	1/4	1,036.24	1/4	782.86	1/4	529.49	1/4	276.12	1/4	25.08	1/4	1/4	1/4	1/4
1/2	1,791.08	1/2	1,537.70	1/2	1,284.33	1/2	1,030.96	1/2	777.59	1/2	524.21	1/2	270.84	1/2	20.68	1/2	1/2	1/2	1/2
3/4	1,785.80	3/4	1,532.43	3/4	1,279.05	3/4	1,025.68	3/4	772.31	3/4	518.93	3/4	265.56	3/4	16.28	3/4	3/4	3/4	3/4
3	1,780.52	3	1,527.15	3	1,273.77	3	1,020.40	3	767.03	3	513.66	3	260.28	3	12.76	3	3	3	3
1/4	1,775.24	1/4	1,521.87	1/4	1,268.50	1/4	1,015.12	1/4	761.75	1/4	508.38	1/4	255.00	1/4	10.12	1/4	1/4	1/4	1/4
1/2	1,769.96	1/2	1,516.59	1/2	1,263.22	1/2	1,009.84	1/2	756.47	1/2	503.10	1/2	249.73	1/2	7.48	1/2	1/2	1/2	1/2
3/4	1,764.68	3/4	1,511.31	3/4	1,257.94	3/4	1,004.57	3/4	751.19	3/4	497.82	3/4	244.45	3/4	4.84	3/4	3/4	3/4	3/4
4	1,759.41	4	1,506.03	4	1,252.66	4	999.29	4	745.91	4	492.54	4	239.17	4	3.08	4	4	4	4
1/4	1,754.13	1/4	1,500.75	1/4	1,247.38	1/4	994.01	1/4	740.64	1/4	487.26	1/4	233.89	1/4	2.20	1/4	1/4	1/4	1/4
1/2	1,748.85	1/2	1,495.48	1/2	1,242.10	1/2	988.73	1/2	735.36	1/2	481.98	1/2	228.61	1/2	1.32	1/2	1/2	1/2	1/2
3/4	1,743.57	3/4	1,490.20	3/4	1,236.82	3/4	983.45	3/4	730.08	3/4	476.71	3/4	223.33	3/4	0.44	3/4	3/4	3/4	3/4
5	1,738.29	5	1,484.92	5	1,231.55	5	978.17	5	724.80	5	471.43	5	218.05	5	0.56	5	5	5	5
1/4	1,733.01	1/4	1,479.64	1/4	1,226.27	1/4	972.89	1/4	719.52	1/4	466.15	1/4	212.78	1/4	0.68	1/4	1/4	1/4	1/4
1/2	1,727.73	1/2	1,474.36	1/2	1,220.99	1/2	967.62	1/2	714.24	1/2	460.87	1/2	207.50	1/2	0.80	1/2	1/2	1/2	1/2
3/4	1,722.46	3/4	1,469.08	3/4	1,215.71	3/4	962.34	3/4	708.96	3/4	455.59	3/4	202.22	3/4	0.92	3/4	3/4	3/4	3/4
6	1,717.18	6	1,463.80	6	1,210.43	6	957.06	6	703.69	6	450.31	6	196.94	6	1.04	6	6	6	6
1/4	1,711.90	1/4	1,458.53	1/4	1,205.15	1/4	951.78	1/4	698.41	1/4	445.03	1/4	191.66	1/4	1.16	1/4	1/4	1/4	1/4
1/2	1,706.62	1/2	1,453.25	1/2	1,199.87	1/2	946.50	1/2	693.13	1/2	439.76	1/2	186.38	1/2	1.28	1/2	1/2	1/2	1/2
3/4	1,701.34	3/4	1,447.97	3/4	1,194.60	3/4	941.22	3/4	687.85	3/4	434.48	3/4	181.10	3/4	1.40	3/4	3/4	3/4	3/4
7	1,696.06	7	1,442.69	7	1,189.32	7	935.94	7	682.57	7	429.20	7	175.83	7	1.52	7	7	7	7
1/4	1,690.78	1/4	1,437.41	1/4	1,184.04	1/4	930.67	1/4	677.29	1/4	423.92	1/4	170.55	1/4	1.64	1/4	1/4	1/4	1/4
1/2	1,685.51	1/2	1,432.13	1/2	1,178.76	1/2	925.39	1/2	672.01	1/2	418.64	1/2	165.27	1/2	1.76	1/2	1/2	1/2	1/2
3/4	1,680.23	3/4	1,426.85	3/4	1,173.48	3/4	920.11	3/4	666.74	3/4	413.36	3/4	159.99	3/4	1.88	3/4	3/4	3/4	3/4
8	1,674.95	8	1,421.58	8	1,168.20	8	914.83	8	661.46	8	408.08	8	154.73	8	1.99	8	8	8	8
1/4	1,669.67	1/4	1,416.30	1/4	1,162.92	1/4	909.55	1/4	656.18	1/4	402.81	1/4	149.50	1/4	2.11	1/4	1/4	1/4	1/4
1/2	1,664.39	1/2	1,411.02	1/2	1,157.65	1/2	904.27	1/2	650.90	1/2	397.53	1/2	144.26	1/2	2.23	1/2	1/2	1/2	1/2
3/4	1,659.11	3/4	1,405.74	3/4	1,152.37	3/4	898.99	3/4	645.62	3/4	392.25	3/4	139.02	3/4	2.35	3/4	3/4	3/4	3/4
9	1,653.83	9	1,400.46	9	1,147.09	9	893.72	9	640.34	9	386.97	9	133.79	9	2.47	9	9	9	9
1/4	1,648.56	1/4	1,395.18	1/4	1,141.81	1/4	888.44	1/4	635.06	1/4	381.69	1/4	128.55	1/4	2.59	1/4	1/4	1/4	1/4
1/2	1,643.28	1/2	1,389.90	1/2	1,136.53	1/2	883.16	1/2	629.79	1/2	376.41	1/2	123.31	1/2	2.71	1/2	1/2	1/2	1/2
3/4	1,638.00	3/4	1,384.63	3/4	1,131.25	3/4	877.88	3/4	624.51	3/4	371.13	3/4	118.08	3/4	2.83	3/4	3/4	3/4	3/4
10	1,632.72	10	1,379.35	10	1,125.97	10	872.60	10	619.23	10	365.86	10	112.84	10	2.95	10	10	10	10
1/4	1,627.44	1/4	1,374.07	1/4	1,120.70	1/4	867.32	1/4	613.95	1/4	360.58	1/4	107.60	1/4	3.07	1/4	1/4	1/4	1/4
1/2	1,622.16	1/2	1,368.79	1/2	1,115.42	1/2	862.04	1/2	608.67	1/2	355.30	1/2	102.37	1/2	3.19	1/2	1/2	1/2	1/2
3/4	1,616.88	3/4	1,363.51	3/4	1,110.14	3/4	856.77	3/4	603.39	3/4	350.02	3/4	97.13	3/4	3.31	3/4	3/4	3/4	3/4
11	1,611.60	11	1,358.23	11	1,104.86	11	851.49	11	598.11	11	344.74	11	91.89	11	3.43	11	11	11	11
1/4	1,606.33	1/4	1,352.95	1/4	1,099.58	1/4	846.21	1/4	592.84	1/4	339.46	1/4	86.66	1/4	3.55	1/4	1/4	1/4	1/4
1/2	1,601.05	1/2	1,347.67	1/2	1,094.30	1/2	840.93	1/2	587.56	1/2	334.18	1/2	81.42	1/2	3.67	1/2	1/2	1/2	1/2
3/4	1,595.77	3/4	1,342.40	3/4	1,089.02	3/4	835.65	3/4	582.28	3/4	328.91	3/4	76.18	3/4	3.79	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

DECK MEASUREMENTS: 04/01/1995 SI  
REPRINTED: 06/14/2001 CL  
  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2001



# BARGE "KIRBY 10510"

## 2 CENTER ULLAGE TABLE

FORMERLY "DC 730"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		GAUGE HEIGHT 17'-04 1/4"																		
		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	0 FT.	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	
0	0	0	3,591.54	0	3,384.91	0	3,129.57	0	2,874.23	0	2,618.89	0	2,363.55	0	2,108.21	0	1,852.87	0	1,597.53	0
1/4	1/4	1/4	3,590.79	1/4	3,379.59	1/4	3,124.25	1/4	2,868.91	1/4	2,613.57	1/4	2,358.23	1/4	2,102.89	1/4	1,847.55	1/4	1,592.21	1/4
1/2	1/2	1/2	3,589.63	1/2	3,374.27	1/2	3,118.93	1/2	2,863.59	1/2	2,608.25	1/2	2,352.91	1/2	2,097.57	1/2	1,842.23	1/2	1,586.89	1/2
3/4	3/4	3/4	3,588.47	3/4	3,368.95	3/4	3,113.61	3/4	2,858.27	3/4	2,602.93	3/4	2,347.59	3/4	2,092.25	3/4	1,836.91	3/4	1,581.57	3/4
1	1	1	3,587.32	1	3,363.63	1	3,108.29	1	2,852.95	1	2,597.61	1	2,342.27	1	2,086.93	1	1,831.59	1	1,576.25	1
1/4	1/4	1/4	3,585.70	1/4	3,358.31	1/4	3,102.97	1/4	2,847.63	1/4	2,592.29	1/4	2,336.95	1/4	2,081.61	1/4	1,826.27	1/4	1,570.93	1/4
1/2	1/2	1/2	3,583.62	1/2	3,352.99	1/2	3,097.65	1/2	2,842.31	1/2	2,586.97	1/2	2,331.63	1/2	2,076.29	1/2	1,820.95	1/2	1,565.61	1/2
3/4	3/4	3/4	3,581.53	3/4	3,347.67	3/4	3,092.33	3/4	2,836.99	3/4	2,581.65	3/4	2,326.31	3/4	2,070.97	3/4	1,815.63	3/4	1,554.29	3/4
2	2	2	3,579.45	2	3,342.35	2	3,087.01	2	2,831.67	2	2,576.33	2	2,320.99	2	2,065.65	2	1,810.31	2	1,548.97	2
1/4	1/4	1/4	3,576.91	1/4	3,337.03	1/4	3,081.69	1/4	2,826.35	1/4	2,571.01	1/4	2,315.67	1/4	2,060.33	1/4	1,804.99	1/4	1,543.65	1/4
1/2	1/2	1/2	3,573.90	1/2	3,331.71	1/2	3,076.37	1/2	2,821.03	1/2	2,565.69	1/2	2,310.35	1/2	2,055.01	1/2	1,799.67	1/2	1,538.33	1/2
3/4	3/4	3/4	3,570.90	3/4	3,326.39	3/4	3,071.05	3/4	2,815.71	3/4	2,560.37	3/4	2,305.03	3/4	2,049.69	3/4	1,794.35	3/4	1,533.01	3/4
3	3	3	3,567.89	3	3,321.07	3	3,065.73	3	2,810.39	3	2,555.05	3	2,299.71	3	2,044.37	3	1,788.93	3	1,527.67	3
1/4	1/4	1/4	3,564.42	1/4	3,315.75	1/4	3,060.41	1/4	2,805.07	1/4	2,549.73	1/4	2,294.39	1/4	2,039.05	1/4	1,783.71	1/4	1,522.33	1/4
1/2	1/2	1/2	3,560.49	1/2	3,310.44	1/2	3,055.09	1/2	2,799.75	1/2	2,544.41	1/2	2,289.07	1/2	2,033.73	1/2	1,778.39	1/2	1,517.05	1/2
3/4	3/4	3/4	3,556.56	3/4	3,305.12	3/4	3,049.77	3/4	2,794.43	3/4	2,539.09	3/4	2,283.75	3/4	2,028.41	3/4	1,772.97	3/4	1,511.71	3/4
4	4	4	3,552.62	4	3,299.80	4	3,044.46	4	2,789.11	4	2,533.77	4	2,278.43	4	2,023.09	4	1,767.75	4	1,506.41	4
1/4	1/4	1/4	3,548.23	1/4	3,294.48	1/4	3,039.14	1/4	2,783.79	1/4	2,528.45	1/4	2,273.11	1/4	2,017.77	1/4	1,762.43	1/4	1,501.05	1/4
1/2	1/2	1/2	3,543.37	1/2	3,289.16	1/2	3,033.82	1/2	2,778.48	1/2	2,523.13	1/2	2,267.79	1/2	2,012.45	1/2	1,757.11	1/2	1,495.73	1/2
3/4	3/4	3/4	3,538.51	3/4	3,283.84	3/4	3,028.50	3/4	2,773.16	3/4	2,517.81	3/4	2,262.47	3/4	2,007.13	3/4	1,751.85	3/4	1,490.41	3/4
5	5	5	3,533.66	5	3,278.52	5	3,023.18	5	2,767.84	5	2,512.50	5	2,257.15	5	2,001.81	5	1,746.43	5	1,485.05	5
1/4	1/4	1/4	3,528.54	1/4	3,273.20	1/4	3,017.86	1/4	2,762.52	1/4	2,507.18	1/4	2,251.83	1/4	1,996.49	1/4	1,741.11	1/4	1,479.73	1/4
1/2	1/2	1/2	3,523.22	1/2	3,267.88	1/2	3,012.54	1/2	2,757.20	1/2	2,501.86	1/2	2,246.52	1/2	1,991.17	1/2	1,735.83	1/2	1,474.45	1/2
3/4	3/4	3/4	3,517.90	3/4	3,262.56	3/4	3,007.22	3/4	2,751.88	3/4	2,496.54	3/4	2,241.20	3/4	1,985.85	3/4	1,730.51	3/4	1,469.13	3/4
6	6	6	3,512.58	6	3,257.24	6	3,001.90	6	2,746.56	6	2,491.22	6	2,235.88	6	1,980.54	6	1,725.20	6	1,463.81	6
1/4	1/4	1/4	3,507.26	1/4	3,251.92	1/4	2,996.58	1/4	2,741.24	1/4	2,485.90	1/4	2,230.56	1/4	1,975.22	1/4	1,720.56	1/4	1,458.43	1/4
1/2	1/2	1/2	3,501.94	1/2	3,246.60	1/2	2,991.26	1/2	2,735.52	1/2	2,480.58	1/2	2,225.24	1/2	1,969.90	1/2	1,715.24	1/2	1,453.05	1/2
3/4	3/4	3/4	3,496.62	3/4	3,241.28	3/4	2,985.94	3/4	2,730.60	3/4	2,475.26	3/4	2,219.92	3/4	1,964.58	3/4	1,710.58	3/4	1,447.67	3/4
7	7	7	3,491.30	7	3,235.96	7	2,980.62	7	2,725.28	7	2,469.94	7	2,214.60	7	1,959.26	7	1,704.92	7	1,442.29	7
1/4	1/4	1/4	3,485.98	1/4	3,230.64	1/4	2,975.30	1/4	2,719.96	1/4	2,464.62	1/4	2,209.28	1/4	1,953.94	1/4	1,700.54	1/4	1,436.91	1/4
1/2	1/2	1/2	3,480.66	1/2	3,225.32	1/2	2,969.98	1/2	2,714.64	1/2	2,459.30	1/2	2,203.96	1/2	1,948.62	1/2	1,695.14	1/2	1,431.53	1/2
3/4	3/4	3/4	3,475.34	3/4	3,220.00	3/4	2,964.66	3/4	2,709.32	3/4	2,453.98	3/4	2,198.64	3/4	1,943.30	3/4	1,690.74	3/4	1,426.15	3/4
8	8	8	3,470.02	8	3,214.68	8	2,959.34	8	2,704.00	8	2,448.66	8	2,193.32	8	1,937.98	8	1,685.36	8	1,420.77	8
1/4	1/4	1/4	3,464.70	1/4	3,209.36	1/4	2,954.02	1/4	2,698.68	1/4	2,443.34	1/4	2,188.00	1/4	1,932.66	1/4	1,680.90	1/4	1,415.39	1/4
1/2	1/2	1/2	3,459.38	1/2	3,204.04	1/2	2,948.70	1/2	2,693.36	1/2	2,438.02	1/2	2,182.68	1/2	1,927.34	1/2	1,675.94	1/2	1,410.01	1/2
3/4	3/4	3/4	3,454.06	3/4	3,198.72	3/4	2,943.38	3/4	2,688.04	3/4	2,432.70	3/4	2,177.36	3/4	1,922.02	3/4	1,670.56	3/4	1,404.63	3/4
9	9	9	3,448.74	9	3,193.40	9	2,938.06	9	2,682.72	9	2,427.38	9	2,172.04	9	1,916.70	9	1,665.32	9	1,400.25	9
1/4	1/4	1/4	3,443.43	1/4	3,188.08	1/4	2,932.74	1/4	2,677.40	1/4	2,422.06	1/4	2,166.72	1/4	1,911.38	1/4	1,660.94	1/4	1,394.81	1/4
1/2	1/2	1/2	3,438.11	1/2	3,182.76	1/2	2,927.42	1/2	2,672.08	1/2	2,416.74	1/2	2,161.40	1/2	1,906.06	1/2	1,655.62	1/2	1,389.37	1/2
3/4	3/4	3/4	3,432.79	3/4	3,177.45	3/4	2,922.10	3/4	2,666.76	3/4	2,411.42	3/4	2,156.08	3/4	1,900.74	3/4	1,650.30	3/4	1,383.93	3/4
10	10	10	3,427.47	10	3,172.13	10	2,916.78	10	2,661.44	10	2,406.10	10	2,150.76	10	1,895.42	10	1,644.98	10	1,378.50	10
1/4	1/4	1/4	3,422.15	1/4	3,166.81	1/4	2,911.47	1/4	2,656.12	1/4	2,400.78	1/4	2,145.44	1/4	1,890.10	1/4	1,639.66	1/4	1,373.07	1/4
1/2	1/2	1/2	3,416.83	1/2	3,161.49	1/2	2,906.15	1/2	2,650.80	1/2	2,395.46	1/2	2,140.12	1/2	1,884.78	1/2	1,634.34	1/2	1,367.63	1/2
3/4	3/4	3/4	3,411.51	3/4	3,156.17	3/4	2,900.83	3/4	2,645.49	3/4	2,390.14	3/4	2,134.80	3/4	1,879.46	3/4	1,628.90	3/4	1,362.21	3/4
11	11	11	3,406.19	11	3,150.85	11	2,895.51	11	2,640.17	11	2,384.82	11	2,129.48	11	1,874.14	11	1,623.70	11	1,356.79	11
1/4	1/4	1/4	3,400.87	1/4	3,145.53	1/4	2,890.19	1/4	2,634.85	1/4	2,379.51	1/4	2,124.16	1/4	1,868.82	1/4	1,618.26	1/4	1,351.35	1/4
1/2	1/2	1/2	3,395.55	1/2	3,140.21	1/2	2,884.87	1/2	2,629.53	1/2	2,374.19	1/2	2,118.84	1/2	1,863.50	1/2	1,612.82	1/2	1,345.91	1/2
3/4	3/4	3/4	3,390.23	3/4	3,134.89	3/4	2,879.55	3/4	2,624.21	3/4	2,368.87	3/4	2,113.53	3/4	1,858.18	3/4	1,607.38	3/4	1,340.47	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE RECOMPUTED BY SUBMITTED DATA BY KIRBY INDUSTRIES.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK SHELL.  
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 21'-02 3/8" FORWARD OF AFT BULKHEAD.

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



# BARGE "KIRBY 10510"

## 2 CENTER ULLAGE TABLE

FORMERLY "DC 730"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

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
0	1,852.86	0	1,597.52	0	1,342.18	0	1,086.84	0	831.50	0	576.16	0	320.82	0	66.22	0			
1/4	1,847.55	1/4	1,592.20	1/4	1,336.86	1/4	1,081.52	1/4	826.18	1/4	570.84	1/4	315.50	1/4	60.94	1/4			
1/2	1,842.23	1/2	1,586.88	1/2	1,331.54	1/2	1,076.20	1/2	820.86	1/2	565.52	1/2	310.18	1/2	55.67	1/2			
3/4	1,836.91	3/4	1,581.57	3/4	1,326.22	3/4	1,070.88	3/4	815.54	3/4	560.20	3/4	304.86	3/4	50.39	3/4			
1	1,831.59	1	1,576.25	1	1,320.90	1	1,065.56	1	810.22	1	554.88	1	299.54	1	45.11	1			
1/4	1,826.27	1/4	1,570.93	1/4	1,315.59	1/4	1,060.24	1/4	804.90	1/4	549.56	1/4	294.22	1/4	39.84	1/4			
1/2	1,820.95	1/2	1,565.61	1/2	1,310.27	1/2	1,054.92	1/2	799.58	1/2	544.24	1/2	288.90	1/2	34.56	1/2			
3/4	1,815.63	3/4	1,560.29	3/4	1,304.95	3/4	1,049.61	3/4	794.26	3/4	538.92	3/4	283.58	3/4	29.70	3/4			
2	1,810.31	2	1,554.97	2	1,299.63	2	1,044.29	2	788.94	2	533.60	2	278.26	2	25.27	2			
1/4	1,804.99	1/4	1,549.65	1/4	1,294.31	1/4	1,038.97	1/4	783.63	1/4	528.28	1/4	272.94	1/4	20.84	1/4			
1/2	1,799.67	1/2	1,544.33	1/2	1,288.99	1/2	1,033.65	1/2	778.31	1/2	522.96	1/2	267.62	1/2	16.40	1/2			
3/4	1,794.35	3/4	1,539.01	3/4	1,283.67	3/4	1,028.33	3/4	772.99	3/4	517.65	3/4	262.30	3/4	12.86	3/4			
3	1,789.03	3	1,533.69	3	1,278.35	3	1,023.01	3	767.67	3	512.33	3	256.98	3	10.20	3			
1/4	1,783.71	1/4	1,528.37	1/4	1,273.03	1/4	1,017.69	1/4	762.35	1/4	507.01	1/4	251.67	1/4	7.54	1/4			
1/2	1,778.39	1/2	1,523.05	1/2	1,267.71	1/2	1,012.37	1/2	757.03	1/2	501.69	1/2	246.35	1/2	4.88	1/2			
3/4	1,773.07	3/4	1,517.73	3/4	1,262.39	3/4	1,007.05	3/4	751.71	3/4	496.37	3/4	241.03	3/4	3.11	3/4			
4	1,767.75	4	1,512.41	4	1,257.07	4	1,001.73	4	746.39	4	491.05	4	235.71	4	2.22	4			
1/4	1,762.43	1/4	1,507.09	1/4	1,251.75	1/4	996.41	1/4	741.07	1/4	485.73	1/4	230.39	1/4	1.33	1/4			
1/2	1,757.11	1/2	1,501.77	1/2	1,246.43	1/2	991.09	1/2	735.75	1/2	480.41	1/2	225.07	1/2	0.44	1/2			
3/4	1,751.79	3/4	1,496.45	3/4	1,241.11	3/4	985.77	3/4	730.43	3/4	475.09	3/4	219.75	3/4	0.55	3/4			
5	1,746.47	5	1,491.13	5	1,235.79	5	980.45	5	725.11	5	469.77	5	214.43	5	0.66	5			
1/4	1,741.15	1/4	1,485.81	1/4	1,230.47	1/4	975.13	1/4	719.79	1/4	464.45	1/4	209.11	1/4	0.77	1/4			
1/2	1,735.83	1/2	1,480.49	1/2	1,225.15	1/2	969.81	1/2	714.47	1/2	459.13	1/2	203.79	1/2	0.88	1/2			
3/4	1,730.51	3/4	1,475.17	3/4	1,219.83	3/4	964.49	3/4	709.15	3/4	453.81	3/4	198.47	3/4	0.99	3/4			
6	1,725.19	6	1,469.85	6	1,214.51	6	959.17	6	703.83	6	448.49	6	193.15	6	1.10	6			
1/4	1,719.87	1/4	1,464.53	1/4	1,209.19	1/4	953.85	1/4	698.51	1/4	443.17	1/4	187.83	1/4	1.21	1/4			
1/2	1,714.56	1/2	1,459.21	1/2	1,203.87	1/2	948.53	1/2	693.19	1/2	437.85	1/2	182.51	1/2	1.32	1/2			
3/4	1,709.24	3/4	1,453.89	3/4	1,198.55	3/4	943.21	3/4	687.87	3/4	432.53	3/4	177.19	3/4	1.43	3/4			
7	1,703.92	7	1,448.58	7	1,193.23	7	937.89	7	682.55	7	427.21	7	171.87	7	1.54	7			
1/4	1,698.60	1/4	1,443.26	1/4	1,187.91	1/4	932.57	1/4	677.23	1/4	421.89	1/4	166.55	1/4	1.65	1/4			
1/2	1,693.28	1/2	1,437.94	1/2	1,182.60	1/2	927.25	1/2	671.91	1/2	416.57	1/2	161.23	1/2	1.76	1/2			
3/4	1,687.96	3/4	1,432.62	3/4	1,177.28	3/4	921.93	3/4	666.59	3/4	411.25	3/4	155.93	3/4	1.87	3/4			
8	1,682.64	8	1,427.30	8	1,171.96	8	916.62	8	661.27	8	405.93	8	150.66	8	1.98	8			
1/4	1,677.32	1/4	1,421.98	1/4	1,166.64	1/4	911.30	1/4	655.95	1/4	400.61	1/4	145.38	1/4	2.09	1/4			
1/2	1,672.00	1/2	1,416.66	1/2	1,161.32	1/2	905.98	1/2	650.64	1/2	395.29	1/2	140.10	1/2	2.20	1/2			
3/4	1,666.68	3/4	1,411.34	3/4	1,156.00	3/4	900.66	3/4	645.32	3/4	389.97	3/4	134.83	3/4	2.31	3/4			
9	1,661.36	9	1,406.02	9	1,150.68	9	895.34	9	640.00	9	384.66	9	129.55	9	2.42	9			
1/4	1,656.04	1/4	1,400.70	1/4	1,145.36	1/4	890.02	1/4	634.68	1/4	379.34	1/4	124.27	1/4	2.53	1/4			
1/2	1,650.72	1/2	1,395.38	1/2	1,140.04	1/2	884.70	1/2	629.36	1/2	374.02	1/2	118.99	1/2	2.64	1/2			
3/4	1,645.40	3/4	1,390.06	3/4	1,134.72	3/4	879.38	3/4	624.04	3/4	368.70	3/4	113.72	3/4	2.75	3/4			
10	1,640.08	10	1,384.74	10	1,129.40	10	874.06	10	618.72	10	363.38	10	108.44	10	2.86	10			
1/4	1,634.76	1/4	1,379.42	1/4	1,124.08	1/4	868.74	1/4	613.40	1/4	358.06	1/4	103.16	1/4	2.97	1/4			
1/2	1,629.44	1/2	1,374.10	1/2	1,118.76	1/2	863.42	1/2	608.08	1/2	352.74	1/2	97.89	1/2	3.08	1/2			
3/4	1,624.12	3/4	1,368.78	3/4	1,113.44	3/4	858.10	3/4	602.76	3/4	347.42	3/4	92.61	3/4	3.19	3/4			
11	1,618.80	11	1,363.46	11	1,108.12	11	852.78	11	597.44	11	342.10	11	87.33	11	3.30	11			
1/4	1,613.48	1/4	1,358.14	1/4	1,102.80	1/4	847.46	1/4	592.12	1/4	336.78	1/4	82.05	1/4	3.41	1/4			
1/2	1,608.16	1/2	1,352.82	1/2	1,097.48	1/2	842.14	1/2	586.80	1/2	331.46	1/2	76.78	1/2	3.52	1/2			
3/4	1,602.84	3/4	1,347.50	3/4	1,092.16	3/4	836.82	3/4	581.48	3/4	326.14	3/4	71.50	3/4	3.63	3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

DECK MEASUREMENTS: 04/70/1985 S1  
REPRINTED: 06/17/2001 CL

CANCELS AND SUPERCEDES  
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PRECISION MEASUREMENT  
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# BARGE "KIRBY 10510"

## 3 CENTER ULLAGE TABLE

FORMERLY "DC 730"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		
IN	0	1/4	1/2	3/4	1	1/4	1/2	3/4	1	1/4	1/2	3/4	1	1/4	1/2	3/4	1	1/4	1/2	
0	2,028.96	0	1,747.74	0	1,466.52	0	1,185.30	0	904.07	0	622.85	0	341.63	0	61.32	0	0	0	0	0
1/4	2,023.10	1/4	1,741.88	1/4	1,460.66	1/4	1,179.44	1/4	898.21	1/4	616.99	1/4	335.77	1/4	55.50	1/4	1/4	1/4	1/4	1/4
1/2	2,017.24	1/2	1,736.02	1/2	1,454.80	1/2	1,173.58	1/2	892.36	1/2	611.13	1/2	329.91	1/2	49.69	1/2	1/2	1/2	1/2	1/2
3/4	2,011.39	3/4	1,730.16	3/4	1,448.94	3/4	1,167.72	3/4	886.50	3/4	605.33	3/4	324.05	3/4	43.88	3/4	3/4	3/4	3/4	3/4
1	2,005.53	1	1,724.30	1	1,443.08	1	1,161.86	1	880.64	1	599.42	1	318.19	1	38.07	1	1	1	1	1
1/4	1,999.67	1/4	1,718.45	1/4	1,437.22	1/4	1,156.00	1/4	874.78	1/4	593.56	1/4	312.33	1/4	32.72	1/4	1/4	1/4	1/4	1/4
1/2	1,993.81	1/2	1,712.59	1/2	1,431.36	1/2	1,150.14	1/2	868.92	1/2	587.70	1/2	306.48	1/2	27.84	1/2	1/2	1/2	1/2	1/2
3/4	1,987.95	3/4	1,706.73	3/4	1,425.51	3/4	1,144.28	3/4	863.06	3/4	581.84	3/4	300.62	3/4	22.95	3/4	3/4	3/4	3/4	3/4
2	1,982.09	2	1,700.87	2	1,419.65	2	1,138.42	2	857.20	2	575.98	2	294.76	2	18.07	2	2	2	2	2
1/4	1,976.23	1/4	1,695.01	1/4	1,413.79	1/4	1,132.57	1/4	851.34	1/4	570.12	1/4	288.90	1/4	14.17	1/4	1/4	1/4	1/4	1/4
1/2	1,970.37	1/2	1,689.15	1/2	1,407.93	1/2	1,126.71	1/2	845.48	1/2	564.26	1/2	283.04	1/2	11.24	1/2	1/2	1/2	1/2	1/2
3/4	1,964.52	3/4	1,683.29	3/4	1,402.07	3/4	1,120.85	3/4	839.63	3/4	558.40	3/4	277.18	3/4	8.31	3/4	3/4	3/4	3/4	3/4
3	1,958.66	3	1,677.43	3	1,396.21	3	1,114.99	3	833.77	3	552.54	3	271.32	3	5.38	3	3	3	3	3
1/4	1,952.80	1/4	1,671.58	1/4	1,390.35	1/4	1,109.13	1/4	827.91	1/4	546.69	1/4	265.46	1/4	3.43	1/4	1/4	1/4	1/4	1/4
1/2	1,946.94	1/2	1,665.72	1/2	1,384.49	1/2	1,103.27	1/2	822.05	1/2	540.83	1/2	259.60	1/2	2.45	1/2	1/2	1/2	1/2	1/2
3/4	1,941.08	3/4	1,659.86	3/4	1,378.64	3/4	1,097.41	3/4	816.19	3/4	534.97	3/4	253.75	3/4	1.47	3/4	3/4	3/4	3/4	3/4
4	1,935.22	4	1,654.00	4	1,372.78	4	1,091.55	4	810.33	4	529.11	4	247.89	4	0.49	4	4	4	4	4
1/4	1,929.36	1/4	1,648.14	1/4	1,366.92	1/4	1,085.70	1/4	804.47	1/4	523.25	1/4	242.03	1/4	0.00	1/4	1/4	1/4	1/4	1/4
1/2	1,923.50	1/2	1,642.28	1/2	1,361.06	1/2	1,079.84	1/2	798.61	1/2	517.39	1/2	236.17	1/2	0.00	1/2	1/2	1/2	1/2	1/2
3/4	1,917.65	3/4	1,636.42	3/4	1,355.20	3/4	1,073.98	3/4	792.76	3/4	511.53	3/4	230.31	3/4	0.00	3/4	3/4	3/4	3/4	3/4
5	1,911.79	5	1,630.56	5	1,349.34	5	1,068.12	5	786.90	5	505.67	5	224.45	5	0.00	5	5	5	5	5
1/4	1,905.93	1/4	1,624.71	1/4	1,343.48	1/4	1,062.26	1/4	781.04	1/4	499.82	1/4	218.59	1/4	0.00	1/4	1/4	1/4	1/4	1/4
1/2	1,900.07	1/2	1,618.85	1/2	1,337.62	1/2	1,056.40	1/2	775.18	1/2	493.96	1/2	212.73	1/2	0.00	1/2	1/2	1/2	1/2	1/2
3/4	1,894.21	3/4	1,612.99	3/4	1,331.77	3/4	1,050.54	3/4	769.32	3/4	488.10	3/4	206.88	3/4	0.00	3/4	3/4	3/4	3/4	3/4
6	1,888.35	6	1,607.13	6	1,325.91	6	1,044.68	6	763.46	6	482.24	6	201.02	6	0.00	6	6	6	6	6
1/4	1,882.49	1/4	1,601.27	1/4	1,320.05	1/4	1,038.83	1/4	757.60	1/4	476.38	1/4	195.16	1/4	0.00	1/4	1/4	1/4	1/4	1/4
1/2	1,876.63	1/2	1,595.41	1/2	1,314.19	1/2	1,032.97	1/2	751.74	1/2	470.52	1/2	189.30	1/2	0.00	1/2	1/2	1/2	1/2	1/2
3/4	1,870.77	3/4	1,589.55	3/4	1,308.33	3/4	1,027.11	3/4	745.89	3/4	464.66	3/4	183.44	3/4	0.00	3/4	3/4	3/4	3/4	3/4
7	1,864.92	7	1,583.69	7	1,302.47	7	1,021.25	7	740.03	7	458.80	7	177.58	7	0.00	7	7	7	7	7
1/4	1,859.06	1/4	1,577.83	1/4	1,296.61	1/4	1,015.39	1/4	734.17	1/4	452.95	1/4	171.75	1/4	0.00	1/4	1/4	1/4	1/4	1/4
1/2	1,853.20	1/2	1,571.98	1/2	1,290.75	1/2	1,009.53	1/2	728.31	1/2	447.09	1/2	165.94	1/2	0.00	1/2	1/2	1/2	1/2	1/2
3/4	1,847.34	3/4	1,566.12	3/4	1,284.89	3/4	1,003.67	3/4	722.45	3/4	441.23	3/4	160.12	3/4	0.00	3/4	3/4	3/4	3/4	3/4
8	1,841.48	8	1,560.26	8	1,279.04	8	997.81	8	716.59	8	435.37	8	154.31	8	0.00	8	8	8	8	8
1/4	1,835.62	1/4	1,554.40	1/4	1,273.18	1/4	991.95	1/4	710.73	1/4	429.51	1/4	148.50	1/4	0.00	1/4	1/4	1/4	1/4	1/4
1/2	1,829.76	1/2	1,548.54	1/2	1,267.32	1/2	986.10	1/2	704.87	1/2	423.65	1/2	142.69	1/2	0.00	1/2	1/2	1/2	1/2	1/2
3/4	1,823.90	3/4	1,542.68	3/4	1,261.46	3/4	980.24	3/4	699.01	3/4	417.79	3/4	136.87	3/4	0.00	3/4	3/4	3/4	3/4	3/4
9	1,818.05	9	1,536.82	9	1,255.60	9	974.38	9	693.16	9	411.93	9	131.06	9	0.00	9	9	9	9	9
1/4	1,812.19	1/4	1,530.96	1/4	1,249.74	1/4	968.52	1/4	687.30	1/4	406.07	1/4	125.25	1/4	0.00	1/4	1/4	1/4	1/4	1/4
1/2	1,806.33	1/2	1,525.11	1/2	1,243.88	1/2	962.66	1/2	681.44	1/2	400.22	1/2	119.44	1/2	0.00	1/2	1/2	1/2	1/2	1/2
3/4	1,800.47	3/4	1,519.25	3/4	1,238.02	3/4	956.80	3/4	675.58	3/4	394.36	3/4	113.63	3/4	0.00	3/4	3/4	3/4	3/4	3/4
10	1,794.61	10	1,513.39	10	1,232.17	10	950.94	10	669.72	10	388.50	10	107.81	10	0.00	10	10	10	10	10
1/4	1,788.75	1/4	1,507.53	1/4	1,226.31	1/4	945.08	1/4	663.86	1/4	382.64	1/4	102.00	1/4	0.00	1/4	1/4	1/4	1/4	1/4
1/2	1,782.89	1/2	1,501.67	1/2	1,220.45	1/2	939.23	1/2	658.00	1/2	376.78	1/2	96.19	1/2	0.00	1/2	1/2	1/2	1/2	1/2
3/4	1,777.03	3/4	1,495.81	3/4	1,214.59	3/4	933.37	3/4	652.14	3/4	370.92	3/4	90.38	3/4	0.00	3/4	3/4	3/4	3/4	3/4
11	1,771.18	11	1,489.95	11	1,208.73	11	927.51	11	646.29	11	365.06	11	84.56	11	0.00	11	11	11	11	11
1/4	1,765.32	1/4	1,484.09	1/4	1,202.87	1/4	921.65	1/4	640.43	1/4	359.20	1/4	78.75	1/4	0.00	1/4	1/4	1/4	1/4	1/4
1/2	1,759.46	1/2	1,478.24	1/2	1,197.01	1/2	915.79	1/2	634.57	1/2	353.35	1/2	72.94	1/2	0.00	1/2	1/2	1/2	1/2	1/2
3/4	1,753.60	3/4	1,472.38	3/4	1,191.15	3/4	909.93	3/4	628.71	3/4	347.49	3/4	67.13	3/4	0.00	3/4	3/4	3/4	3/4	3/4

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