



BARGE "KIRBY 10134"

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

(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 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'-03"

March 9, 2015

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

<http://www.pmacorp.net>



BARGE "KIRBY 10134"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	3,551.04	0	3,298.36	0	3,045.68	0	2,787.33	0	2,492.00	0	2,195.96		
1/4		1/4		1/4		1/4	3,545.78	1/4	3,293.10	1/4	3,040.42	1/4	2,781.18	1/4	2,485.83	1/4	2,189.79		
1/2		1/2		1/2		1/2	3,761.16	1/2	3,540.52	1/2	3,287.83	1/2	3,035.15	1/2	2,775.03	1/2	2,479.67	1/2	2,183.63
3/4		3/4		3/4		3/4	3,760.13	3/4	3,535.25	3/4	3,282.57	3/4	3,029.89	3/4	2,768.88	3/4	2,473.50	3/4	2,177.46
1	1	1	1	1	1	1	3,759.10	1	3,529.99	1	3,277.31	1	3,024.62	1	2,762.73	1	2,467.33	1	2,171.29
1/4		1/4		1/4		1/4	3,758.07	1/4	3,524.72	1/4	3,272.04	1/4	3,019.36	1/4	2,756.58	1/4	2,461.16	1/4	2,165.12
1/2		1/2		1/2		1/2	3,757.03	1/2	3,519.46	1/2	3,266.78	1/2	3,014.10	1/2	2,750.44	1/2	2,455.00	1/2	2,158.96
3/4		3/4		3/4		3/4	3,753.94	3/4	3,514.19	3/4	3,261.51	3/4	3,008.83	3/4	2,744.29	3/4	2,448.83	3/4	2,152.79
2	2	2	2	2	2	2	3,750.84	2	3,508.93	2	3,256.25	2	3,003.57	2	2,738.14	2	2,442.66	2	2,146.62
1/4		1/4		1/4		1/4	3,747.74	1/4	3,503.67	1/4	3,250.98	1/4	2,998.30	1/4	2,731.99	1/4	2,436.49	1/4	2,140.45
1/2		1/2		1/2		1/2	3,744.65	1/2	3,498.40	1/2	3,245.72	1/2	2,993.04	1/2	2,725.84	1/2	2,430.33	1/2	2,134.29
3/4		3/4		3/4		3/4	3,740.50	3/4	3,493.14	3/4	3,240.46	3/4	2,987.77	3/4	2,719.69	3/4	2,424.16	3/4	2,128.12
3	3	3	3	3	3	3	3,736.36	3	3,487.87	3	3,235.19	3	2,982.51	3	2,713.54	3	2,417.99	3	2,121.95
1/4		1/4		1/4		1/4	3,732.21	1/4	3,482.61	1/4	3,229.93	1/4	2,977.25	1/4	2,707.39	1/4	2,411.82	1/4	2,115.78
1/2		1/2		1/2		1/2	3,728.07	1/2	3,477.35	1/2	3,224.66	1/2	2,971.98	1/2	2,701.25	1/2	2,405.66	1/2	2,109.62
3/4		3/4		3/4		3/4	3,722.94	3/4	3,472.08	3/4	3,219.40	3/4	2,966.72	3/4	2,695.10	3/4	2,399.49	3/4	2,103.45
4	4	4	4	4	4	4	3,717.81	4	3,466.82	4	3,214.13	4	2,961.45	4	2,688.95	4	2,393.32	4	2,097.28
1/4		1/4		1/4		1/4	3,712.68	1/4	3,461.55	1/4	3,208.87	1/4	2,956.19	1/4	2,682.80	1/4	2,387.15	1/4	2,091.11
1/2		1/2		1/2		1/2	3,707.55	1/2	3,456.29	1/2	3,203.61	1/2	2,950.92	1/2	2,676.65	1/2	2,380.99	1/2	2,084.95
3/4		3/4		3/4		3/4	3,702.38	3/4	3,451.02	3/4	3,198.34	3/4	2,945.66	3/4	2,670.50	3/4	2,374.82	3/4	2,078.78
5	5	5	5	5	5	5	3,697.21	5	3,445.76	5	3,193.08	5	2,940.40	5	2,664.35	5	2,368.65	5	2,072.61
1/4		1/4		1/4		1/4	3,692.05	1/4	3,440.50	1/4	3,187.81	1/4	2,935.13	1/4	2,658.20	1/4	2,362.48	1/4	2,066.44
1/2		1/2		1/2		1/2	3,686.88	1/2	3,435.23	1/2	3,182.55	1/2	2,929.87	1/2	2,652.06	1/2	2,356.32	1/2	2,060.28
3/4		3/4		3/4		3/4	3,681.70	3/4	3,429.97	3/4	3,177.29	3/4	2,924.60	3/4	2,645.91	3/4	2,350.15	3/4	2,054.11
6	6	6	6	6	6	6	3,676.52	6	3,424.70	6	3,172.02	6	2,919.34	6	2,639.76	6	2,343.98	6	2,047.94
1/4		1/4		1/4		1/4	3,671.34	1/4	3,419.44	1/4	3,166.76	1/4	2,914.08	1/4	2,633.61	1/4	2,337.81	1/4	2,041.77
1/2		1/2		1/2		1/2	3,666.16	1/2	3,414.17	1/2	3,161.49	1/2	2,908.81	1/2	2,627.46	1/2	2,331.65	1/2	2,035.61
3/4		3/4		3/4		3/4	3,660.99	3/4	3,408.91	3/4	3,156.23	3/4	2,903.55	3/4	2,621.31	3/4	2,325.48	3/4	2,029.44
7	7	7	7	7	7	7	3,655.81	7	3,403.65	7	3,150.96	7	2,898.28	7	2,615.16	7	2,319.31	7	2,023.27
1/4		1/4		1/4		1/4	3,650.63	1/4	3,398.38	1/4	3,145.70	1/4	2,893.02	1/4	2,609.02	1/4	2,313.14	1/4	2,017.10
1/2		1/2		1/2		1/2	3,645.45	1/2	3,393.12	1/2	3,140.44	1/2	2,887.75	1/2	2,602.87	1/2	2,306.98	1/2	2,010.94
3/4		3/4		3/4		3/4	3,640.28	3/4	3,387.85	3/4	3,135.17	3/4	2,882.49	3/4	2,596.72	3/4	2,300.81	3/4	2,004.77
8	8	8	8	8	8	8	3,635.10	8	3,382.59	8	3,129.91	8	2,877.23	8	2,590.57	8	2,294.64	8	1,998.60
1/4		1/4		1/4		1/4	3,629.92	1/4	3,377.33	1/4	3,124.64	1/4	2,871.96	1/4	2,584.42	1/4	2,288.47	1/4	1,992.43
1/2		1/2		1/2		1/2	3,624.74	1/2	3,372.06	1/2	3,119.38	1/2	2,866.70	1/2	2,578.27	1/2	2,282.31	1/2	1,986.27
3/4		3/4		3/4		3/4	3,619.48	3/4	3,366.80	3/4	3,114.12	3/4	2,861.41	3/4	2,572.12	3/4	2,276.14	3/4	1,980.10
9	9	9	9	9	9	9	3,614.21	9	3,361.53	9	3,108.85	9	2,856.12	9	2,565.97	9	2,269.97	9	1,973.93
1/4		1/4		1/4		1/4	3,608.95	1/4	3,356.27	1/4	3,103.59	1/4	2,850.83	1/4	2,559.83	1/4	2,263.80	1/4	1,967.76
1/2		1/2		1/2		1/2	3,603.69	1/2	3,351.00	1/2	3,098.32	1/2	2,845.54	1/2	2,553.68	1/2	2,257.64	1/2	1,961.60
3/4		3/4		3/4		3/4	3,598.42	3/4	3,345.74	3/4	3,093.06	3/4	2,840.25	3/4	2,547.51	3/4	2,251.47	3/4	1,955.43
10	10	10	10	10	10	10	3,593.16	10	3,340.48	10	3,087.79	10	2,834.96	10	2,541.34	10	2,245.30	10	1,949.26
1/4		1/4		1/4		1/4	3,587.89	1/4	3,335.21	1/4	3,082.53	1/4	2,829.67	1/4	2,535.17	1/4	2,239.13	1/4	1,943.09
1/2		1/2		1/2		1/2	3,582.63	1/2	3,329.95	1/2	3,077.27	1/2	2,824.38	1/2	2,529.01	1/2	2,232.97	1/2	1,936.93
3/4		3/4		3/4		3/4	3,577.36	3/4	3,324.68	3/4	3,072.00	3/4	2,818.19	3/4	2,522.84	3/4	2,226.80	3/4	1,930.76
11	11	11	11	11	11	11	3,572.10	11	3,319.42	11	3,066.74	11	2,812.00	11	2,516.67	11	2,220.63	11	1,924.59
1/4		1/4		1/4		1/4	3,566.84	1/4	3,314.15	1/4	3,061.47	1/4	2,805.81	1/4	2,510.50	1/4	2,214.46	1/4	1,918.42
1/2		1/2		1/2		1/2	3,561.57	1/2	3,308.89	1/2	3,056.21	1/2	2,799.62	1/2	2,504.34	1/2	2,208.30	1/2	1,912.26
3/4		3/4		3/4		3/4	3,556.31	3/4	3,303.63	3/4	3,050.94	3/4	2,793.48	3/4	2,498.17	3/4	2,202.13	3/4	1,906.09

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 10134"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,899.92	0	1,603.66	0	1,307.22	0	1,010.77	0	720.15	0	423.77	0	127.12	0		0		0	
1/4	1,893.75	1/4	1,597.49	1/4	1,301.04	1/4	1,004.59	1/4	714.07	1/4	417.59	1/4	120.94	1/4		1/4		1/4	
1/2	1,887.59	1/2	1,591.31	1/2	1,294.86	1/2	998.42	1/2	707.99	1/2	411.41	1/2	114.77	1/2		1/2		1/2	
3/4	1,881.42	3/4	1,585.14	3/4	1,288.69	3/4	992.24	3/4	701.83	3/4	405.23	3/4	108.62	3/4		3/4		3/4	
1	1,875.25	1	1,578.96	1	1,282.51	1	986.06	1	695.67	1	399.05	1	102.46	1		1		1	
1/4	1,869.08	1/4	1,572.78	1/4	1,276.34	1/4	979.89	1/4	689.50	1/4	392.87	1/4	96.31	1/4		1/4		1/4	
1/2	1,862.92	1/2	1,566.61	1/2	1,270.16	1/2	973.71	1/2	683.34	1/2	386.69	1/2	90.16	1/2		1/2		1/2	
3/4	1,856.75	3/4	1,560.43	3/4	1,263.98	3/4	967.60	3/4	677.16	3/4	380.51	3/4	84.04	3/4		3/4		3/4	
2	1,850.58	2	1,554.26	2	1,257.81	2	961.49	2	670.98	2	374.33	2	77.92	2		2		2	
1/4	1,844.41	1/4	1,548.08	1/4	1,251.63	1/4	955.37	1/4	664.80	1/4	368.15	1/4	71.80	1/4		1/4		1/4	
1/2	1,838.25	1/2	1,541.90	1/2	1,245.46	1/2	949.26	1/2	658.62	1/2	361.97	1/2	65.68	1/2		1/2		1/2	
3/4	1,832.08	3/4	1,535.73	3/4	1,239.28	3/4	943.21	3/4	652.44	3/4	355.79	3/4	59.61	3/4		3/4		3/4	
3	1,825.91	3	1,529.55	3	1,233.10	3	937.16	3	646.26	3	349.61	3	53.55	3		3		3	
1/4	1,819.74	1/4	1,523.38	1/4	1,226.93	1/4	931.11	1/4	640.08	1/4	343.43	1/4	47.48	1/4		1/4		1/4	
1/2	1,813.58	1/2	1,517.20	1/2	1,220.75	1/2	925.06	1/2	633.90	1/2	337.25	1/2	41.42	1/2		1/2		1/2	
3/4	1,807.40	3/4	1,511.02	3/4	1,214.58	3/4	919.01	3/4	627.72	3/4	331.07	3/4	36.27	3/4		3/4		3/4	
4	1,801.23	4	1,504.85	4	1,208.40	4	912.96	4	621.54	4	324.89	4	31.12	4		4		4	
1/4	1,795.05	1/4	1,498.67	1/4	1,202.22	1/4	906.91	1/4	615.36	1/4	318.71	1/4	25.97	1/4		1/4		1/4	
1/2	1,788.87	1/2	1,492.50	1/2	1,196.05	1/2	900.86	1/2	609.18	1/2	312.53	1/2	20.82	1/2		1/2		1/2	
3/4	1,782.70	3/4	1,486.32	3/4	1,189.87	3/4	894.83	3/4	603.00	3/4	306.35	3/4	17.72	3/4		3/4		3/4	
5	1,776.52	5	1,480.14	5	1,183.70	5	888.79	5	596.82	5	300.17	5	14.62	5		5		5	
1/4	1,770.35	1/4	1,473.97	1/4	1,177.52	1/4	882.76	1/4	590.64	1/4	293.99	1/4	11.53	1/4		1/4		1/4	
1/2	1,764.17	1/2	1,467.79	1/2	1,171.34	1/2	876.73	1/2	584.46	1/2	287.81	1/2	8.43	1/2		1/2		1/2	
3/4	1,757.99	3/4	1,461.62	3/4	1,165.17	3/4	870.71	3/4	578.28	3/4	281.63	3/4	7.40	3/4		3/4		3/4	
6	1,751.82	6	1,455.44	6	1,158.99	6	864.69	6	572.10	6	275.45	6	6.37	6		6		6	
1/4	1,745.64	1/4	1,449.26	1/4	1,152.82	1/4	858.68	1/4	565.92	1/4	269.27	1/4	5.34	1/4		1/4		1/4	
1/2	1,739.47	1/2	1,443.09	1/2	1,146.64	1/2	852.66	1/2	559.74	1/2	263.09	1/2	4.31	1/2		1/2		1/2	
3/4	1,733.29	3/4	1,436.91	3/4	1,140.46	3/4	846.64	3/4	553.56	3/4	256.91	3/4		3/4		3/4		3/4	
7	1,727.12	7	1,430.74	7	1,134.29	7	840.62	7	547.38	7	250.73	7		7		7		7	
1/4	1,720.94	1/4	1,424.56	1/4	1,128.11	1/4	834.61	1/4	541.20	1/4	244.55	1/4		1/4		1/4		1/4	
1/2	1,714.77	1/2	1,418.38	1/2	1,121.94	1/2	828.59	1/2	535.02	1/2	238.37	1/2		1/2		1/2		1/2	
3/4	1,708.60	3/4	1,412.21	3/4	1,115.76	3/4	822.57	3/4	528.84	3/4	232.19	3/4		3/4		3/4		3/4	
8	1,702.42	8	1,406.03	8	1,109.58	8	816.55	8	522.66	8	226.00	8		8		8		8	
1/4	1,696.25	1/4	1,399.86	1/4	1,103.41	1/4	810.54	1/4	516.48	1/4	219.82	1/4		1/4		1/4		1/4	
1/2	1,690.08	1/2	1,393.68	1/2	1,097.23	1/2	804.52	1/2	510.30	1/2	213.64	1/2		1/2		1/2		1/2	
3/4	1,683.91	3/4	1,387.50	3/4	1,091.06	3/4	798.50	3/4	504.12	3/4	207.46	3/4		3/4		3/4		3/4	
9	1,677.73	9	1,381.33	9	1,084.88	9	792.49	9	497.94	9	201.28	9		9		9		9	
1/4	1,671.56	1/4	1,375.15	1/4	1,078.70	1/4	786.47	1/4	491.76	1/4	195.10	1/4		1/4		1/4		1/4	
1/2	1,665.39	1/2	1,368.98	1/2	1,072.53	1/2	780.45	1/2	485.58	1/2	188.92	1/2		1/2		1/2		1/2	
3/4	1,659.21	3/4	1,362.80	3/4	1,066.35	3/4	774.43	3/4	479.40	3/4	182.74	3/4		3/4		3/4		3/4	
10	1,653.04	10	1,356.62	10	1,060.18	10	768.42	10	473.22	10	176.56	10		10		10		10	
1/4	1,646.87	1/4	1,350.45	1/4	1,054.00	1/4	762.40	1/4	467.04	1/4	170.38	1/4		1/4		1/4		1/4	
1/2	1,640.70	1/2	1,344.27	1/2	1,047.82	1/2	756.38	1/2	460.86	1/2	164.20	1/2		1/2		1/2		1/2	
3/4	1,634.52	3/4	1,338.10	3/4	1,041.65	3/4	750.37	3/4	454.68	3/4	158.02	3/4		3/4		3/4		3/4	
11	1,628.35	11	1,331.92	11	1,035.47	11	744.35	11	448.50	11	151.83	11		11		11		11	
1/4	1,622.18	1/4	1,325.74	1/4	1,029.30	1/4	738.33	1/4	442.32	1/4	145.65	1/4		1/4		1/4		1/4	
1/2	1,616.00	1/2	1,319.57	1/2	1,023.12	1/2	732.31	1/2	436.13	1/2	139.46	1/2		1/2		1/2		1/2	
3/4	1,609.83	3/4	1,313.39	3/4	1,016.94	3/4	726.23	3/4	429.95	3/4	133.29	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/09/2015 CL
CALCULATED: 03/09/2015 CL
PRINTED: 03/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2015

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



BARGE "KIRBY 10134"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,258.24	0	2,996.50	0	2,734.75	0	2,472.60	0	2,209.45	0	1,946.30
1/4		1/4		1/4		1/4		1/4	3,252.79	1/4	2,991.04	1/4	2,729.30	1/4	2,467.12	1/4	2,203.97	1/4	1,940.82
1/2		1/2		1/2		1/2	3,473.88	1/2	3,247.34	1/2	2,985.59	1/2	2,723.85	1/2	2,461.63	1/2	2,198.48	1/2	1,935.33
3/4		3/4		3/4		3/4	3,472.96	3/4	3,241.88	3/4	2,980.14	3/4	2,718.39	3/4	2,456.15	3/4	2,193.00	3/4	1,929.85
1		1		1		1	3,472.05	1	3,236.43	1	2,974.69	1	2,712.94	1	2,450.67	1	2,187.52	1	1,924.37
1/4		1/4		1/4		1/4	3,471.13	1/4	3,230.98	1/4	2,969.23	1/4	2,707.49	1/4	2,445.19	1/4	2,182.04	1/4	1,918.89
1/2		1/2		1/2		1/2	3,470.22	1/2	3,225.52	1/2	2,963.78	1/2	2,702.04	1/2	2,439.71	1/2	2,176.55	1/2	1,913.40
3/4		3/4		3/4		3/4	3,467.48	3/4	3,220.07	3/4	2,958.33	3/4	2,696.58	3/4	2,434.22	3/4	2,171.07	3/4	1,907.92
2		2		2		2	3,464.73	2	3,214.62	2	2,952.87	2	2,691.13	2	2,428.74	2	2,165.59	2	1,902.44
1/4		1/4		1/4		1/4	3,461.99	1/4	3,209.16	1/4	2,947.42	1/4	2,685.68	1/4	2,423.26	1/4	2,160.11	1/4	1,896.96
1/2		1/2		1/2		1/2	3,459.25	1/2	3,203.71	1/2	2,941.97	1/2	2,680.22	1/2	2,417.78	1/2	2,154.63	1/2	1,891.48
3/4		3/4		3/4		3/4	3,454.81	3/4	3,198.26	3/4	2,936.51	3/4	2,674.77	3/4	2,412.29	3/4	2,149.14	3/4	1,885.99
3		3		3		3	3,450.36	3	3,192.81	3	2,931.06	3	2,669.32	3	2,406.81	3	2,143.66	3	1,880.51
1/4		1/4		1/4		1/4	3,445.92	1/4	3,187.35	1/4	2,925.61	1/4	2,663.86	1/4	2,401.33	1/4	2,138.18	1/4	1,875.03
1/2		1/2		1/2		1/2	3,441.48	1/2	3,181.90	1/2	2,920.16	1/2	2,658.41	1/2	2,395.85	1/2	2,132.70	1/2	1,869.55
3/4		3/4		3/4		3/4	3,436.17	3/4	3,176.45	3/4	2,914.70	3/4	2,652.96	3/4	2,390.36	3/4	2,127.21	3/4	1,864.06
4		4		4		4	3,430.85	4	3,170.99	4	2,909.25	4	2,647.51	4	2,384.88	4	2,121.73	4	1,858.58
1/4		1/4		1/4		1/4	3,425.54	1/4	3,165.54	1/4	2,903.80	1/4	2,642.05	1/4	2,379.40	1/4	2,116.25	1/4	1,853.10
1/2		1/2		1/2		1/2	3,420.23	1/2	3,160.09	1/2	2,898.34	1/2	2,636.60	1/2	2,373.92	1/2	2,110.77	1/2	1,847.62
3/4		3/4		3/4		3/4	3,414.88	3/4	3,154.63	3/4	2,892.89	3/4	2,631.15	3/4	2,368.44	3/4	2,105.28	3/4	1,842.13
5		5		5		5	3,409.54	5	3,149.18	5	2,887.44	5	2,625.69	5	2,362.95	5	2,099.80	5	1,836.65
1/4		1/4		1/4		1/4	3,404.19	1/4	3,143.73	1/4	2,881.98	1/4	2,620.24	1/4	2,357.47	1/4	2,094.32	1/4	1,831.17
1/2		1/2		1/2		1/2	3,398.85	1/2	3,138.28	1/2	2,876.53	1/2	2,614.79	1/2	2,351.99	1/2	2,088.84	1/2	1,825.69
3/4		3/4		3/4		3/4	3,393.49	3/4	3,132.82	3/4	2,871.08	3/4	2,609.33	3/4	2,346.51	3/4	2,083.36	3/4	1,820.21
6		6		6		6	3,388.13	6	3,127.37	6	2,865.63	6	2,603.88	6	2,341.02	6	2,077.87	6	1,814.72
1/4		1/4		1/4		1/4	3,382.77	1/4	3,121.92	1/4	2,860.17	1/4	2,598.43	1/4	2,335.54	1/4	2,072.39	1/4	1,809.24
1/2		1/2		1/2		1/2	3,377.42	1/2	3,116.46	1/2	2,854.72	1/2	2,592.98	1/2	2,330.06	1/2	2,066.91	1/2	1,803.76
3/4		3/4		3/4		3/4	3,372.06	3/4	3,111.01	3/4	2,849.27	3/4	2,587.52	3/4	2,324.58	3/4	2,061.43	3/4	1,798.28
7		7		7		7	3,366.71	7	3,105.56	7	2,843.81	7	2,582.07	7	2,319.09	7	2,055.94	7	1,792.79
1/4		1/4		1/4		1/4	3,361.35	1/4	3,100.10	1/4	2,838.36	1/4	2,576.62	1/4	2,313.61	1/4	2,050.46	1/4	1,787.31
1/2		1/2		1/2		1/2	3,356.00	1/2	3,094.65	1/2	2,832.91	1/2	2,571.16	1/2	2,308.13	1/2	2,044.98	1/2	1,781.83
3/4		3/4		3/4		3/4	3,350.65	3/4	3,089.20	3/4	2,827.45	3/4	2,565.71	3/4	2,302.65	3/4	2,039.50	3/4	1,776.35
8		8		8		8	3,345.29	8	3,083.75	8	2,822.00	8	2,560.26	8	2,297.17	8	2,034.01	8	1,770.86
1/4		1/4		1/4		1/4	3,339.94	1/4	3,078.29	1/4	2,816.55	1/4	2,554.80	1/4	2,291.68	1/4	2,028.53	1/4	1,765.38
1/2		1/2		1/2		1/2	3,334.58	1/2	3,072.84	1/2	2,811.10	1/2	2,549.35	1/2	2,286.20	1/2	2,023.05	1/2	1,759.90
3/4		3/4		3/4		3/4	3,329.13	3/4	3,067.39	3/4	2,805.64	3/4	2,543.87	3/4	2,280.72	3/4	2,017.57	3/4	1,754.42
9		9		9		9	3,323.68	9	3,061.93	9	2,800.19	9	2,538.39	9	2,275.24	9	2,012.09	9	1,748.94
1/4		1/4		1/4		1/4	3,318.22	1/4	3,056.48	1/4	2,794.74	1/4	2,532.90	1/4	2,269.75	1/4	2,006.60	1/4	1,743.45
1/2		1/2		1/2		1/2	3,312.77	1/2	3,051.03	1/2	2,789.28	1/2	2,527.42	1/2	2,264.27	1/2	2,001.12	1/2	1,737.97
3/4		3/4		3/4		3/4	3,307.32	3/4	3,045.57	3/4	2,783.83	3/4	2,521.94	3/4	2,258.79	3/4	1,995.64	3/4	1,732.49
10		10		10		10	3,301.87	10	3,040.12	10	2,778.38	10	2,516.46	10	2,253.31	10	1,990.16	10	1,727.01
1/4		1/4		1/4		1/4	3,296.41	1/4	3,034.67	1/4	2,772.92	1/4	2,510.98	1/4	2,247.82	1/4	1,984.67	1/4	1,721.52
1/2		1/2		1/2		1/2	3,290.96	1/2	3,029.22	1/2	2,767.47	1/2	2,505.49	1/2	2,242.34	1/2	1,979.19	1/2	1,716.04
3/4		3/4		3/4		3/4	3,285.51	3/4	3,023.76	3/4	2,762.02	3/4	2,500.01	3/4	2,236.86	3/4	1,973.71	3/4	1,710.56
11		11		11		11	3,280.05	11	3,018.31	11	2,756.57	11	2,494.53	11	2,231.38	11	1,968.23	11	1,705.08
1/4		1/4		1/4		1/4	3,274.60	1/4	3,012.86	1/4	2,751.11	1/4	2,489.05	1/4	2,225.90	1/4	1,962.74	1/4	1,699.59
1/2		1/2		1/2		1/2	3,269.15	1/2	3,007.40	1/2	2,745.66	1/2	2,483.56	1/2	2,220.41	1/2	1,957.26	1/2	1,694.11
3/4		3/4		3/4		3/4	3,263.69	3/4	3,001.95	3/4	2,740.21	3/4	2,478.08	3/4	2,214.93	3/4	1,951.78	3/4	1,688.63

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 10134"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,683.15	0	1,420.00	0	1,156.69	0	895.07	0	635.92	0	372.71	0	109.47	0		0		0	
1/4	1,677.67	1/4	1,414.52	1/4	1,151.20	1/4	889.67	1/4	630.48	1/4	367.22	1/4	104.00	1/4		1/4		1/4	
1/2	1,672.18	1/2	1,409.03	1/2	1,145.72	1/2	884.27	1/2	625.03	1/2	361.74	1/2	98.54	1/2		1/2		1/2	
3/4	1,666.70	3/4	1,403.55	3/4	1,140.23	3/4	878.87	3/4	619.55	3/4	356.25	3/4	93.08	3/4		3/4		3/4	
1	1,661.22	1	1,398.06	1	1,134.75	1	873.47	1	614.06	1	350.77	1	87.63	1		1		1	
1/4	1,655.74	1/4	1,392.58	1/4	1,129.26	1/4	868.07	1/4	608.58	1/4	345.28	1/4	82.18	1/4		1/4		1/4	
1/2	1,650.25	1/2	1,387.09	1/2	1,123.78	1/2	862.67	1/2	603.09	1/2	339.80	1/2	76.73	1/2		1/2		1/2	
3/4	1,644.77	3/4	1,381.60	3/4	1,118.29	3/4	857.26	3/4	597.61	3/4	334.31	3/4	71.31	3/4		3/4		3/4	
2	1,639.29	2	1,376.12	2	1,112.80	2	851.86	2	592.12	2	328.83	2	65.89	2		2		2	
1/4	1,633.81	1/4	1,370.63	1/4	1,107.32	1/4	846.46	1/4	586.64	1/4	323.34	1/4	60.47	1/4		1/4		1/4	
1/2	1,628.32	1/2	1,365.15	1/2	1,101.83	1/2	841.06	1/2	581.15	1/2	317.86	1/2	55.04	1/2		1/2		1/2	
3/4	1,622.84	3/4	1,359.66	3/4	1,096.35	3/4	835.66	3/4	575.67	3/4	312.37	3/4	49.67	3/4		3/4		3/4	
3	1,617.36	3	1,354.18	3	1,090.86	3	830.26	3	570.18	3	306.89	3	44.30	3		3		3	
1/4	1,611.88	1/4	1,348.69	1/4	1,085.38	1/4	824.86	1/4	564.69	1/4	301.40	1/4	38.93	1/4		1/4		1/4	
1/2	1,606.40	1/2	1,343.20	1/2	1,079.89	1/2	819.46	1/2	559.21	1/2	295.92	1/2	33.56	1/2		1/2		1/2	
3/4	1,600.91	3/4	1,337.72	3/4	1,074.41	3/4	814.06	3/4	553.72	3/4	290.43	3/4	28.99	3/4		3/4		3/4	
4	1,595.43	4	1,332.23	4	1,068.92	4	808.67	4	548.24	4	284.94	4	24.43	4		4		4	
1/4	1,589.95	1/4	1,326.75	1/4	1,063.43	1/4	803.27	1/4	542.75	1/4	279.46	1/4	19.87	1/4		1/4		1/4	
1/2	1,584.47	1/2	1,321.26	1/2	1,057.95	1/2	797.88	1/2	537.27	1/2	273.97	1/2	15.30	1/2		1/2		1/2	
3/4	1,578.98	3/4	1,315.78	3/4	1,052.46	3/4	792.48	3/4	531.78	3/4	268.49	3/4	12.56	3/4		3/4		3/4	
5	1,573.50	5	1,310.29	5	1,046.98	5	787.08	5	526.30	5	263.00	5	9.82	5		5		5	
1/4	1,568.02	1/4	1,304.80	1/4	1,041.49	1/4	781.69	1/4	520.81	1/4	257.52	1/4	7.08	1/4		1/4		1/4	
1/2	1,562.54	1/2	1,299.32	1/2	1,036.01	1/2	776.29	1/2	515.33	1/2	252.03	1/2	4.33	1/2		1/2		1/2	
3/4	1,557.05	3/4	1,293.83	3/4	1,030.52	3/4	770.90	3/4	509.84	3/4	246.55	3/4	3.42	3/4		3/4		3/4	
6	1,551.57	6	1,288.35	6	1,025.03	6	765.50	6	504.36	6	241.06	6	2.51	6		6		6	
1/4	1,546.09	1/4	1,282.86	1/4	1,019.55	1/4	760.11	1/4	498.87	1/4	235.58	1/4	1.59	1/4		1/4		1/4	
1/2	1,540.61	1/2	1,277.38	1/2	1,014.06	1/2	754.71	1/2	493.39	1/2	230.09	1/2	0.68	1/2		1/2		1/2	
3/4	1,535.13	3/4	1,271.89	3/4	1,008.62	3/4	749.32	3/4	487.90	3/4	224.61	3/4		3/4		3/4		3/4	
7	1,529.64	7	1,266.40	7	1,003.17	7	743.92	7	482.42	7	219.12	7		7		7		7	
1/4	1,524.16	1/4	1,260.92	1/4	997.73	1/4	738.52	1/4	476.93	1/4	213.64	1/4		1/4		1/4		1/4	
1/2	1,518.68	1/2	1,255.43	1/2	992.29	1/2	733.13	1/2	471.44	1/2	208.15	1/2		1/2		1/2		1/2	
3/4	1,513.20	3/4	1,249.95	3/4	986.89	3/4	727.73	3/4	465.96	3/4	202.67	3/4		3/4		3/4		3/4	
8	1,507.71	8	1,244.46	8	981.48	8	722.34	8	460.47	8	197.18	8		8		8		8	
1/4	1,502.23	1/4	1,238.98	1/4	976.08	1/4	716.94	1/4	454.99	1/4	191.69	1/4		1/4		1/4		1/4	
1/2	1,496.75	1/2	1,233.49	1/2	970.68	1/2	711.55	1/2	449.50	1/2	186.21	1/2		1/2		1/2		1/2	
3/4	1,491.27	3/4	1,228.00	3/4	965.28	3/4	706.15	3/4	444.02	3/4	180.72	3/4		3/4		3/4		3/4	
9	1,485.78	9	1,222.52	9	959.88	9	700.75	9	438.53	9	175.24	9		9		9		9	
1/4	1,480.30	1/4	1,217.03	1/4	954.48	1/4	695.36	1/4	433.05	1/4	169.75	1/4		1/4		1/4		1/4	
1/2	1,474.82	1/2	1,211.55	1/2	949.08	1/2	689.96	1/2	427.56	1/2	164.27	1/2		1/2		1/2		1/2	
3/4	1,469.34	3/4	1,206.06	3/4	943.68	3/4	684.57	3/4	422.08	3/4	158.78	3/4		3/4		3/4		3/4	
10	1,463.86	10	1,200.58	10	938.28	10	679.17	10	416.59	10	153.30	10		10		10		10	
1/4	1,458.37	1/4	1,195.09	1/4	932.88	1/4	673.78	1/4	411.11	1/4	147.81	1/4		1/4		1/4		1/4	
1/2	1,452.89	1/2	1,189.60	1/2	927.48	1/2	668.38	1/2	405.62	1/2	142.33	1/2		1/2		1/2		1/2	
3/4	1,447.41	3/4	1,184.12	3/4	922.08	3/4	662.99	3/4	400.14	3/4	136.85	3/4		3/4		3/4		3/4	
11	1,441.93	11	1,178.63	11	916.67	11	657.59	11	394.65	11	131.37	11		11		11		11	
1/4	1,436.44	1/4	1,173.15	1/4	911.27	1/4	652.20	1/4	389.17	1/4	125.89	1/4		1/4		1/4		1/4	
1/2	1,430.96	1/2	1,167.66	1/2	905.87	1/2	646.80	1/2	383.68	1/2	120.41	1/2		1/2		1/2		1/2	
3/4	1,425.48	3/4	1,162.18	3/4	900.47	3/4	641.36	3/4	378.19	3/4	114.94	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/09/2015 CL
CALCULATED: 03/09/2015 CL
PRINTED: 03/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2015

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



BARGE "KIRBY 10134"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	3,238.54	0	2,979.16	0	2,719.78	0	2,460.03	0	2,199.25	0	1,938.47
1/4			1/4				1/4		3,233.13	1/4	2,973.76	1/4	2,714.38	1/4	2,454.59	1/4	2,193.81	1/4	1,933.03
1/2			1/2				1/2		3,227.73	1/2	2,968.35	1/2	2,708.98	1/2	2,449.16	1/2	2,188.38	1/2	1,927.60
3/4			3/4				3/4		3,446.82	3/4	3,222.33	3/4	2,962.95	3/4	2,703.57	3/4	2,443.73	3/4	2,182.95
1		1		1		1		1	3,445.91	1	3,216.92	1	2,957.55	1	2,698.17	1	2,438.29	1	2,177.52
1/4			1/4				1/4		3,445.00	1/4	3,211.52	1/4	2,952.14	1/4	2,692.76	1/4	2,432.86	1/4	2,172.08
1/2			1/2				1/2		3,444.10	1/2	3,206.12	1/2	2,946.74	1/2	2,687.36	1/2	2,427.43	1/2	2,166.65
3/4			3/4				3/4		3,443.19	3/4	3,200.71	3/4	2,941.33	3/4	2,681.96	3/4	2,422.00	3/4	2,161.22
2		2		2		2		2	3,440.47	2	3,195.31	2	2,935.93	2	2,676.55	2	2,416.56	2	2,155.78
1/4			1/4				1/4		3,437.75	1/4	3,189.91	1/4	2,930.53	1/4	2,671.15	1/4	2,411.13	1/4	2,150.35
1/2			1/2				1/2		3,435.04	1/2	3,184.50	1/2	2,925.12	1/2	2,665.75	1/2	2,405.70	1/2	2,144.92
3/4			3/4				3/4		3,432.32	3/4	3,179.10	3/4	2,919.72	3/4	2,660.34	3/4	2,400.26	3/4	2,139.48
3		3		3		3		3	3,427.92	3	3,173.69	3	2,914.32	3	2,654.94	3	2,394.83	3	2,134.05
1/4			1/4				1/4		3,423.52	1/4	3,168.29	1/4	2,908.91	1/4	2,649.54	1/4	2,389.40	1/4	2,128.62
1/2			1/2				1/2		3,419.12	1/2	3,162.89	1/2	2,903.51	1/2	2,644.13	1/2	2,383.97	1/2	2,123.19
3/4			3/4				3/4		3,414.71	3/4	3,157.48	3/4	2,898.11	3/4	2,638.73	3/4	2,378.53	3/4	2,117.75
4		4		4		4		4	3,409.45	4	3,152.08	4	2,892.70	4	2,633.32	4	2,373.10	4	2,112.32
1/4			1/4				1/4		3,404.18	1/4	3,146.68	1/4	2,887.30	1/4	2,627.92	1/4	2,367.67	1/4	2,106.89
1/2			1/2				1/2		3,398.92	1/2	3,141.27	1/2	2,881.89	1/2	2,622.52	1/2	2,362.23	1/2	2,101.45
3/4			3/4				3/4		3,393.65	3/4	3,135.87	3/4	2,876.49	3/4	2,617.11	3/4	2,356.80	3/4	2,096.02
5		5		5		5		5	3,388.36	5	3,130.46	5	2,871.09	5	2,611.71	5	2,351.37	5	2,090.59
1/4			1/4				1/4		3,383.06	1/4	3,125.06	1/4	2,865.68	1/4	2,606.31	1/4	2,345.94	1/4	2,085.16
1/2			1/2				1/2		3,377.77	1/2	3,119.66	1/2	2,860.28	1/2	2,600.90	1/2	2,340.50	1/2	2,079.72
3/4			3/4				3/4		3,372.47	3/4	3,114.25	3/4	2,854.88	3/4	2,595.50	3/4	2,335.07	3/4	2,074.29
6		6		6		6		6	3,367.16	6	3,108.85	6	2,849.47	6	2,590.09	6	2,329.64	6	2,068.86
1/4			1/4				1/4		3,361.85	1/4	3,103.45	1/4	2,844.07	1/4	2,584.69	1/4	2,324.20	1/4	2,063.42
1/2			1/2				1/2		3,356.54	1/2	3,098.04	1/2	2,838.66	1/2	2,579.29	1/2	2,318.77	1/2	2,057.99
3/4			3/4				3/4		3,351.23	3/4	3,092.64	3/4	2,833.26	3/4	2,573.88	3/4	2,313.34	3/4	2,052.56
7		7		7		7		7	3,345.92	7	3,087.23	7	2,827.86	7	2,568.48	7	2,307.90	7	2,047.13
1/4			1/4				1/4		3,340.62	1/4	3,081.83	1/4	2,822.45	1/4	2,563.08	1/4	2,302.47	1/4	2,041.69
1/2			1/2				1/2		3,335.31	1/2	3,076.43	1/2	2,817.05	1/2	2,557.67	1/2	2,297.04	1/2	2,036.26
3/4			3/4				3/4		3,330.01	3/4	3,071.02	3/4	2,811.65	3/4	2,552.27	3/4	2,291.61	3/4	2,030.83
8		8		8		8		8	3,324.70	8	3,065.62	8	2,806.24	8	2,546.86	8	2,286.17	8	2,025.39
1/4			1/4				1/4		3,319.40	1/4	3,060.22	1/4	2,800.84	1/4	2,541.46	1/4	2,280.74	1/4	2,019.96
1/2			1/2				1/2		3,314.09	1/2	3,054.81	1/2	2,795.44	1/2	2,536.06	1/2	2,275.31	1/2	2,014.53
3/4			3/4				3/4		3,308.79	3/4	3,049.41	3/4	2,790.03	3/4	2,530.65	3/4	2,269.87	3/4	2,009.10
9		9		9		9		9	3,303.38	9	3,044.01	9	2,784.63	9	2,525.22	9	2,264.44	9	2,003.66
1/4			1/4				1/4		3,297.98	1/4	3,038.60	1/4	2,779.22	1/4	2,519.79	1/4	2,259.01	1/4	1,998.23
1/2			1/2				1/2		3,292.58	1/2	3,033.20	1/2	2,773.82	1/2	2,514.36	1/2	2,253.58	1/2	1,992.80
3/4			3/4				3/4		3,287.17	3/4	3,027.79	3/4	2,768.42	3/4	2,508.92	3/4	2,248.14	3/4	1,987.36
10		10		10		10		10	3,281.77	10	3,022.39	10	2,763.01	10	2,503.49	10	2,242.71	10	1,981.93
1/4			1/4				1/4		3,276.36	1/4	3,016.99	1/4	2,757.61	1/4	2,498.06	1/4	2,237.28	1/4	1,976.50
1/2			1/2				1/2		3,270.96	1/2	3,011.58	1/2	2,752.21	1/2	2,492.62	1/2	2,231.84	1/2	1,971.07
3/4			3/4				3/4		3,265.56	3/4	3,006.18	3/4	2,746.80	3/4	2,487.19	3/4	2,226.41	3/4	1,965.63
11		11		11		11		11	3,260.15	11	3,000.78	11	2,741.40	11	2,481.76	11	2,220.98	11	1,960.20
1/4			1/4				1/4		3,254.75	1/4	2,995.37	1/4	2,735.99	1/4	2,476.32	1/4	2,215.55	1/4	1,954.77
1/2			1/2				1/2		3,249.35	1/2	2,989.97	1/2	2,730.59	1/2	2,470.89	1/2	2,210.11	1/2	1,949.33
3/4			3/4				3/4		3,243.94	3/4	2,984.56	3/4	2,725.19	3/4	2,465.46	3/4	2,204.68	3/4	1,943.90

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 10134"

3 CENTER 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	1,677.69	0	1,416.91	0	1,155.98	0	895.79	0	635.71	0	374.79	0	113.91	0		0		0	
1/4	1,672.26	1/4	1,411.48	1/4	1,150.54	1/4	890.39	1/4	630.28	1/4	369.36	1/4	108.49	1/4		1/4		1/4	
1/2	1,666.82	1/2	1,406.04	1/2	1,145.10	1/2	884.99	1/2	624.84	1/2	363.92	1/2	103.07	1/2		1/2		1/2	
3/4	1,661.39	3/4	1,400.61	3/4	1,139.67	3/4	879.59	3/4	619.41	3/4	358.49	3/4	97.65	3/4		3/4		3/4	
1	1,655.96	1	1,395.17	1	1,134.23	1	874.19	1	613.97	1	353.05	1	92.25	1		1		1	
1/4	1,650.52	1/4	1,389.74	1/4	1,128.80	1/4	868.79	1/4	608.54	1/4	347.61	1/4	86.85	1/4		1/4		1/4	
1/2	1,645.09	1/2	1,384.30	1/2	1,123.36	1/2	863.39	1/2	603.10	1/2	342.18	1/2	81.45	1/2		1/2		1/2	
3/4	1,639.66	3/4	1,378.87	3/4	1,117.92	3/4	857.99	3/4	597.67	3/4	336.74	3/4	76.05	3/4		3/4		3/4	
2	1,634.23	2	1,373.43	2	1,112.49	2	852.59	2	592.23	2	331.31	2	70.67	2		2		2	
1/4	1,628.79	1/4	1,367.99	1/4	1,107.05	1/4	847.19	1/4	586.79	1/4	325.87	1/4	65.30	1/4		1/4		1/4	
1/2	1,623.36	1/2	1,362.56	1/2	1,101.61	1/2	841.79	1/2	581.36	1/2	320.43	1/2	59.93	1/2		1/2		1/2	
3/4	1,617.93	3/4	1,357.12	3/4	1,096.18	3/4	836.39	3/4	575.92	3/4	315.00	3/4	54.55	3/4		3/4		3/4	
3	1,612.49	3	1,351.68	3	1,090.74	3	830.99	3	570.49	3	309.56	3	49.23	3		3		3	
1/4	1,607.06	1/4	1,346.25	1/4	1,085.31	1/4	825.59	1/4	565.05	1/4	304.13	1/4	43.91	1/4		1/4		1/4	
1/2	1,601.63	1/2	1,340.81	1/2	1,079.87	1/2	820.19	1/2	559.61	1/2	298.69	1/2	38.58	1/2		1/2		1/2	
3/4	1,596.19	3/4	1,335.37	3/4	1,074.43	3/4	814.79	3/4	554.18	3/4	293.26	3/4	33.26	3/4		3/4		3/4	
4	1,590.76	4	1,329.94	4	1,069.00	4	809.40	4	548.74	4	287.82	4	28.74	4		4		4	
1/4	1,585.33	1/4	1,324.50	1/4	1,063.56	1/4	804.00	1/4	543.31	1/4	282.38	1/4	24.21	1/4		1/4		1/4	
1/2	1,579.90	1/2	1,319.07	1/2	1,058.12	1/2	798.61	1/2	537.87	1/2	276.95	1/2	19.69	1/2		1/2		1/2	
3/4	1,574.46	3/4	1,313.63	3/4	1,052.69	3/4	793.21	3/4	532.43	3/4	271.51	3/4	15.17	3/4		3/4		3/4	
5	1,569.03	5	1,308.19	5	1,047.25	5	787.78	5	527.00	5	266.08	5	12.45	5		5		5	
1/4	1,563.60	1/4	1,302.76	1/4	1,041.81	1/4	782.35	1/4	521.56	1/4	260.64	1/4	9.73	1/4		1/4		1/4	
1/2	1,558.16	1/2	1,297.32	1/2	1,036.38	1/2	776.92	1/2	516.13	1/2	255.20	1/2	7.02	1/2		1/2		1/2	
3/4	1,552.73	3/4	1,291.88	3/4	1,030.94	3/4	771.49	3/4	510.69	3/4	249.77	3/4	4.30	3/4		3/4		3/4	
6	1,547.30	6	1,286.45	6	1,025.51	6	766.06	6	505.26	6	244.33	6	3.39	6		6		6	
1/4	1,541.87	1/4	1,281.01	1/4	1,020.07	1/4	760.63	1/4	499.82	1/4	238.90	1/4	2.49	1/4		1/4		1/4	
1/2	1,536.43	1/2	1,275.58	1/2	1,014.63	1/2	755.20	1/2	494.38	1/2	233.46	1/2	1.58	1/2		1/2		1/2	
3/4	1,531.00	3/4	1,270.14	3/4	1,009.20	3/4	749.77	3/4	488.95	3/4	228.02	3/4	0.68	3/4		3/4		3/4	
7	1,525.57	7	1,264.70	7	1,003.80	7	744.34	7	483.51	7	222.59	7		7		7		7	
1/4	1,520.13	1/4	1,259.27	1/4	998.40	1/4	738.90	1/4	478.08	1/4	217.15	1/4		1/4		1/4		1/4	
1/2	1,514.70	1/2	1,253.83	1/2	993.00	1/2	733.47	1/2	472.64	1/2	211.72	1/2		1/2		1/2		1/2	
3/4	1,509.27	3/4	1,248.39	3/4	987.60	3/4	728.04	3/4	467.20	3/4	206.28	3/4		3/4		3/4		3/4	
8	1,503.84	8	1,242.96	8	982.20	8	722.61	8	461.77	8	200.85	8		8		8		8	
1/4	1,498.40	1/4	1,237.52	1/4	976.80	1/4	717.18	1/4	456.33	1/4	195.41	1/4		1/4		1/4		1/4	
1/2	1,492.97	1/2	1,232.09	1/2	971.40	1/2	711.75	1/2	450.90	1/2	189.97	1/2		1/2		1/2		1/2	
3/4	1,487.54	3/4	1,226.65	3/4	966.00	3/4	706.32	3/4	445.46	3/4	184.54	3/4		3/4		3/4		3/4	
9	1,482.10	9	1,221.21	9	960.60	9	700.89	9	440.02	9	179.10	9		9		9		9	
1/4	1,476.67	1/4	1,215.78	1/4	955.20	1/4	695.46	1/4	434.59	1/4	173.67	1/4		1/4		1/4		1/4	
1/2	1,471.24	1/2	1,210.34	1/2	949.80	1/2	690.03	1/2	429.15	1/2	168.23	1/2		1/2		1/2		1/2	
3/4	1,465.81	3/4	1,204.90	3/4	944.40	3/4	684.59	3/4	423.72	3/4	162.79	3/4		3/4		3/4		3/4	
10	1,460.37	10	1,199.47	10	939.00	10	679.16	10	418.28	10	157.36	10		10		10		10	
1/4	1,454.94	1/4	1,194.03	1/4	933.60	1/4	673.73	1/4	412.85	1/4	151.92	1/4		1/4		1/4		1/4	
1/2	1,449.51	1/2	1,188.59	1/2	928.20	1/2	668.30	1/2	407.41	1/2	146.49	1/2		1/2		1/2		1/2	
3/4	1,444.07	3/4	1,183.16	3/4	922.80	3/4	662.87	3/4	401.97	3/4	141.05	3/4		3/4		3/4		3/4	
11	1,438.64	11	1,177.72	11	917.40	11	657.44	11	396.54	11	135.62	11		11		11		11	
1/4	1,433.21	1/4	1,172.29	1/4	912.00	1/4	652.01	1/4	391.10	1/4	130.19	1/4		1/4		1/4		1/4	
1/2	1,427.78	1/2	1,166.85	1/2	906.60	1/2	646.58	1/2	385.67	1/2	124.76	1/2		1/2		1/2		1/2	
3/4	1,422.34	3/4	1,161.41	3/4	901.19	3/4	641.15	3/4	380.23	3/4	119.33	3/4		3/4		3/4		3/4	

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