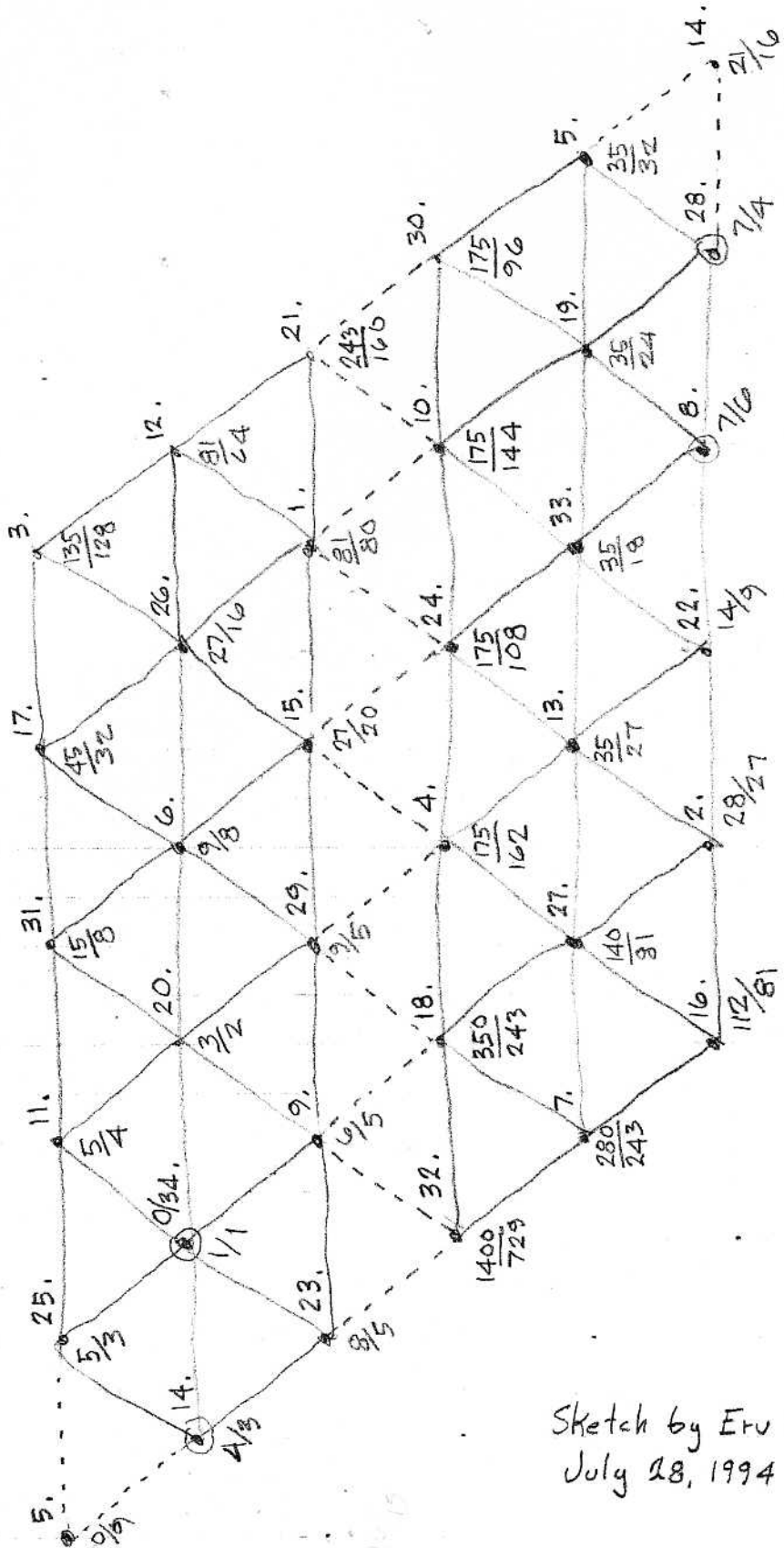


A 34-Tone Scale

Using the $\frac{4,375}{4,374}$ Equivalence $(\frac{547}{37.2})$

©1994 by Larry Hanson (July 26, 1994)

0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.	33.	34.
1	81	28	135	175	35	2	280	7	6	175	5	81	35	4	27	112	45	350	35	2	243	14	8	175	5	27	140	7	9	175	15	1400	35	2
1	80	27	128	162	32	8	243	6	5	144	4	64	27	3	20	81	32	243	24	2	160	9	5	108	3	16	81	4	5	96	8	729	18	1
					$\frac{10}{9}$									$\frac{21}{16}$																				



Sketch by Erv Wilson
July 28, 1994

34 MOS - Erv's Sketch
Times Intervals

8/2/94

1 / 1	21.51	21.51	49.17	
81 / 80	62.57	41.06	41.06	8.107278862071810
648 / 625	92.18	29.61 ✓	29.61	11.445289946708900
135 / 128	133.24	41.06	21.51	8.107278862071820
27 / 25	154.74	21.51		
2187 / 2000	203.91	49.17 Z		3.378
9 / 8	244.97	41.06		
144 / 125	266.48	21.51		
729 / 625	315.64	49.17 Z		
6 / 5	337.15	21.51		
243 / 200	386.31	49.17 Z		
5 / 4	407.82	21.51		
81 / 64	448.88	41.06		
162 / 125	498.04	49.17 Z		
4 / 3	519.55	21.51		
27 / 20	560.61	41.06		
864 / 625	590.22	29.61 ✓		
45 / 32	631.28	41.06		
36 / 25	652.79	21.51		
729 / 500	701.96	49.17 Z		
3 / 2	723.46	21.51		
243 / 160	764.52	41.06		
972 / 625	813.69	49.17 Z		
8 / 5	835.19	21.51		
81 / 50	884.36	49.17 Z		
5 / 3	905.87	21.51		
27 / 16	946.92	41.06		
216 / 125	968.43	21.51		
2187 / 1250	1017.60	49.17 Z		
9 / 5	1039.10	21.51		
729 / 400	1088.27	49.17 Z		
15 / 8	1129.33	41.06		
48 / 25	1150.83	21.51		
243 / 125	1200	49.17 Z		
2 / 1				

81/80 21.51 49.16
 25/24 70.67
 135/128 92.18 21.51

27/20
 25/18
 45/32