

2/7 KBD, 7/24 SCALE

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etc.

+7

C#

1.

0

C

0/24.

-7

Cb

23.

etc.

+4

D

4.

-3

Db

3.

-10

Db

2.

+8

E

8.

+1

Eb

7.

-6

Eb

6.

-13

Eh

5.

+5

F#

11.

-2

F

10.

-9

Fb

9.

+9

G#

15.

+2

G

14.

-5

Gb

13.

-12

Gb

12.

+6

A

18.

-1

Ab

17.

-8

Ab

16.

+10

B

22.

+3

Bb

21.

-4

Bb

20.

-11

Bh

19.

+7

C#

1.

0

C

24/0.

-7

Cb

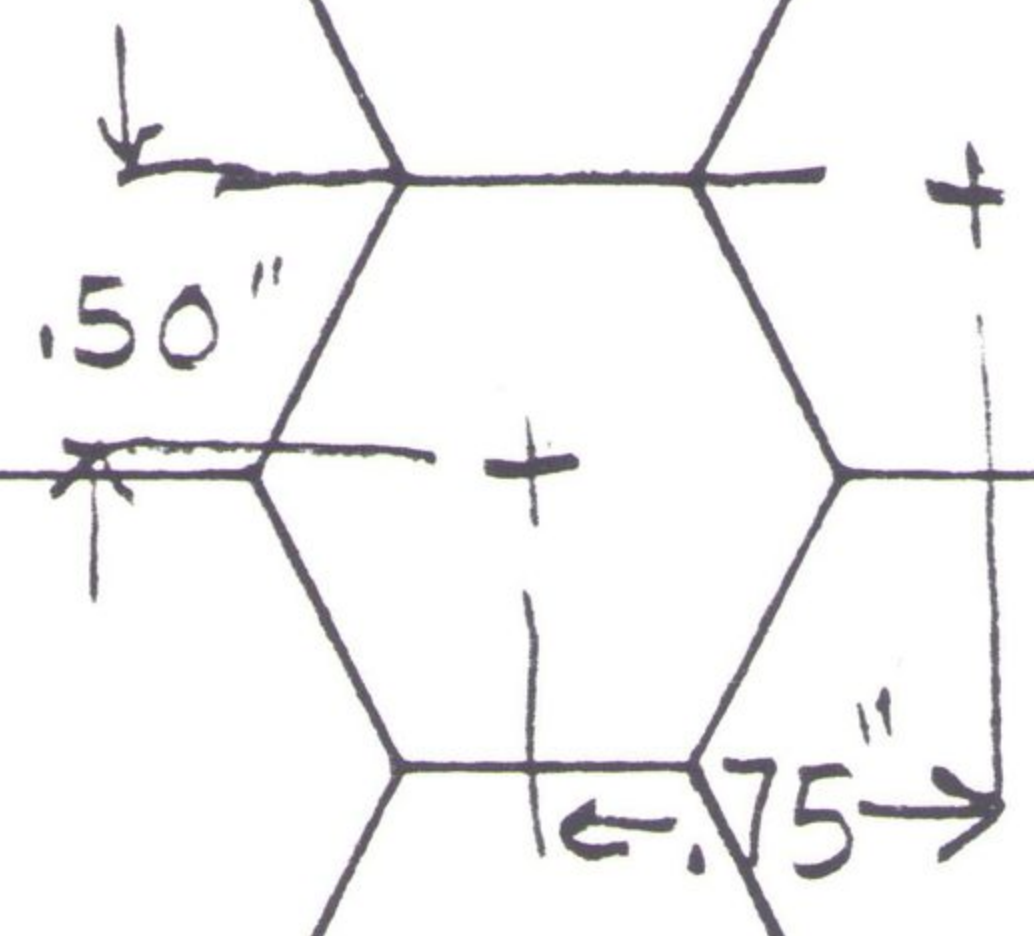
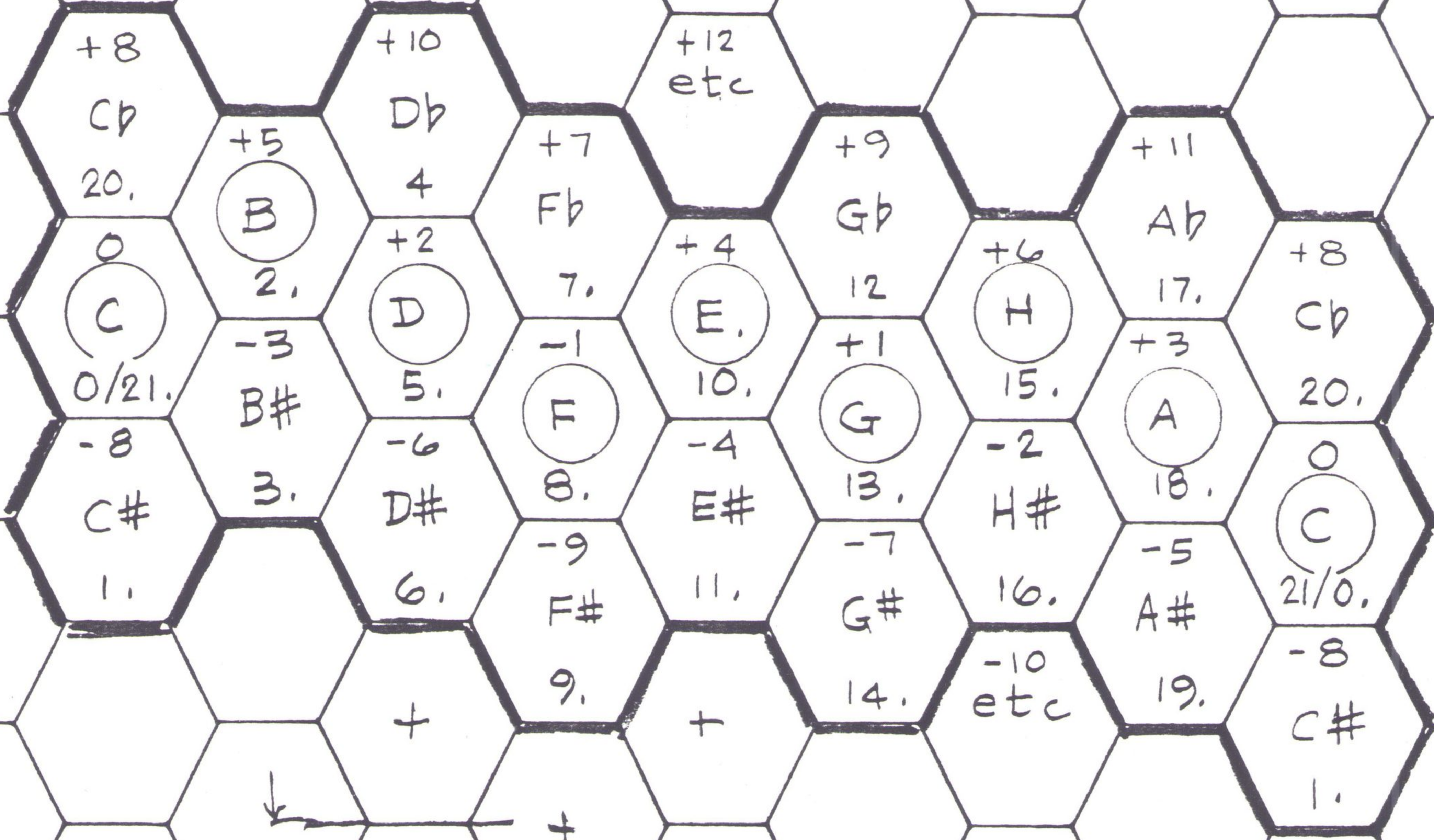
23.

Horizontal

This is the best "quarter-tone" keyboard ~~key~~ around.
It works beautifully for near-eastern scales
and bag-pipe scales (where the minor third and/or
the perfect Fifth is frequently divided into half.
It is well suited to any tuning that can be expressed
as a chain of Thirds. (I. E. Collin Brown's tuning scheme)
a good keyboard for 17.

3/18/87 KBD 8/21 SCALE

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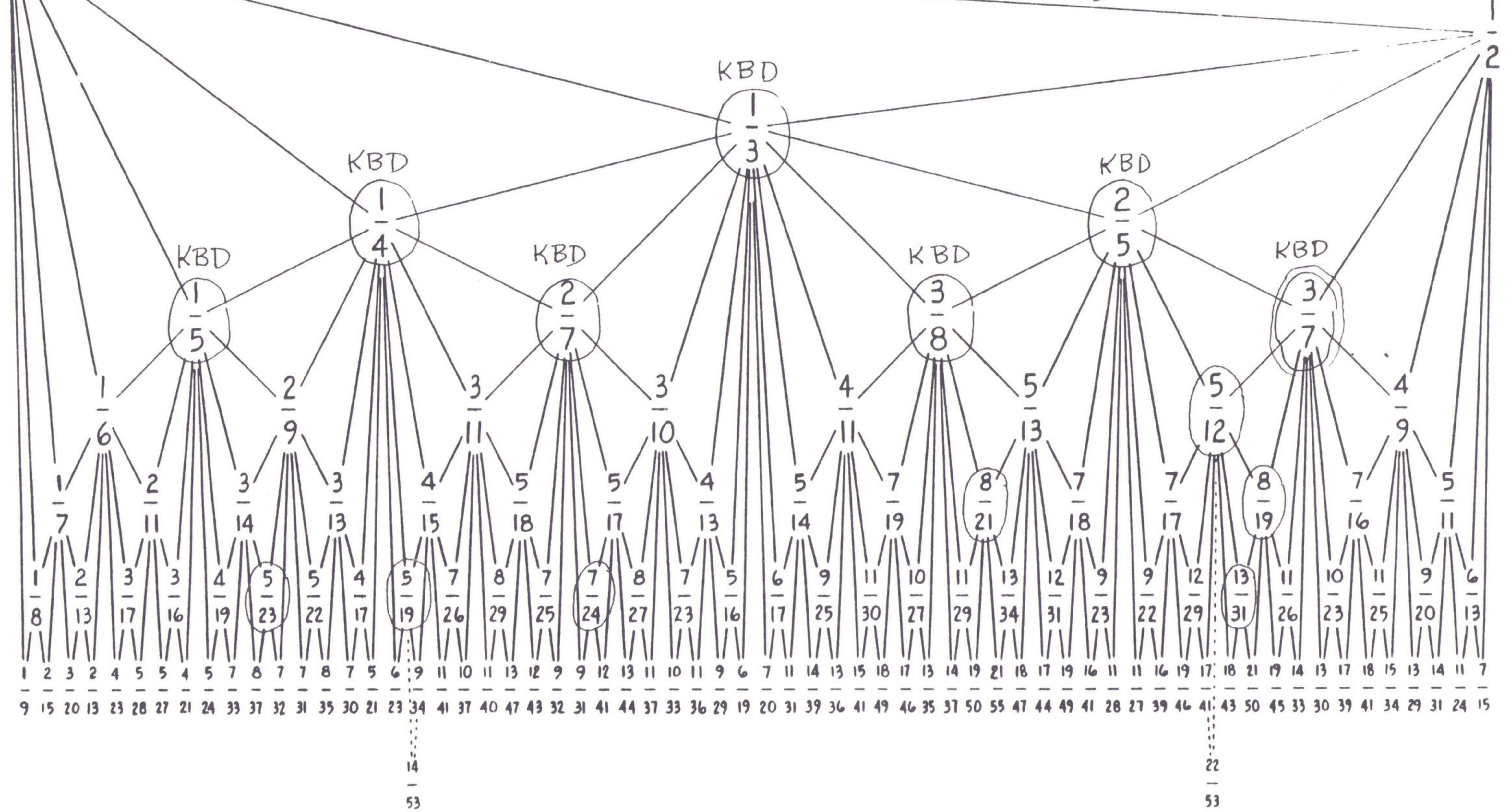


Only the most hardened experimentalist would have a use for this keyboard. (Myself, for example)

It is especially well suited for scales of the True golden Section of the 8ve yielding scales of 1, 2, 3, 5, 8, 13, 21, 34, 55 etc tones per 8ve. *

(*not to be confused with Kornerup's golden section of the Fifth)

The following Keyboard (KBD) examples are enclosed. Each Keyboard is analogous to a linear (chain of intervals) scale, and can accommodate, also, each of the linear scales falling below it in the scale-tree linear hierarchy. As a consequence of this spectrum of keyboards, all possible linear tunings may be realized.



SCALE TREE

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The scale examples are circled in blue. The denominator expresses the number of tones in the scale. The numerator expresses the fraction (of the respective scale), which forms the linear tuning sequence.

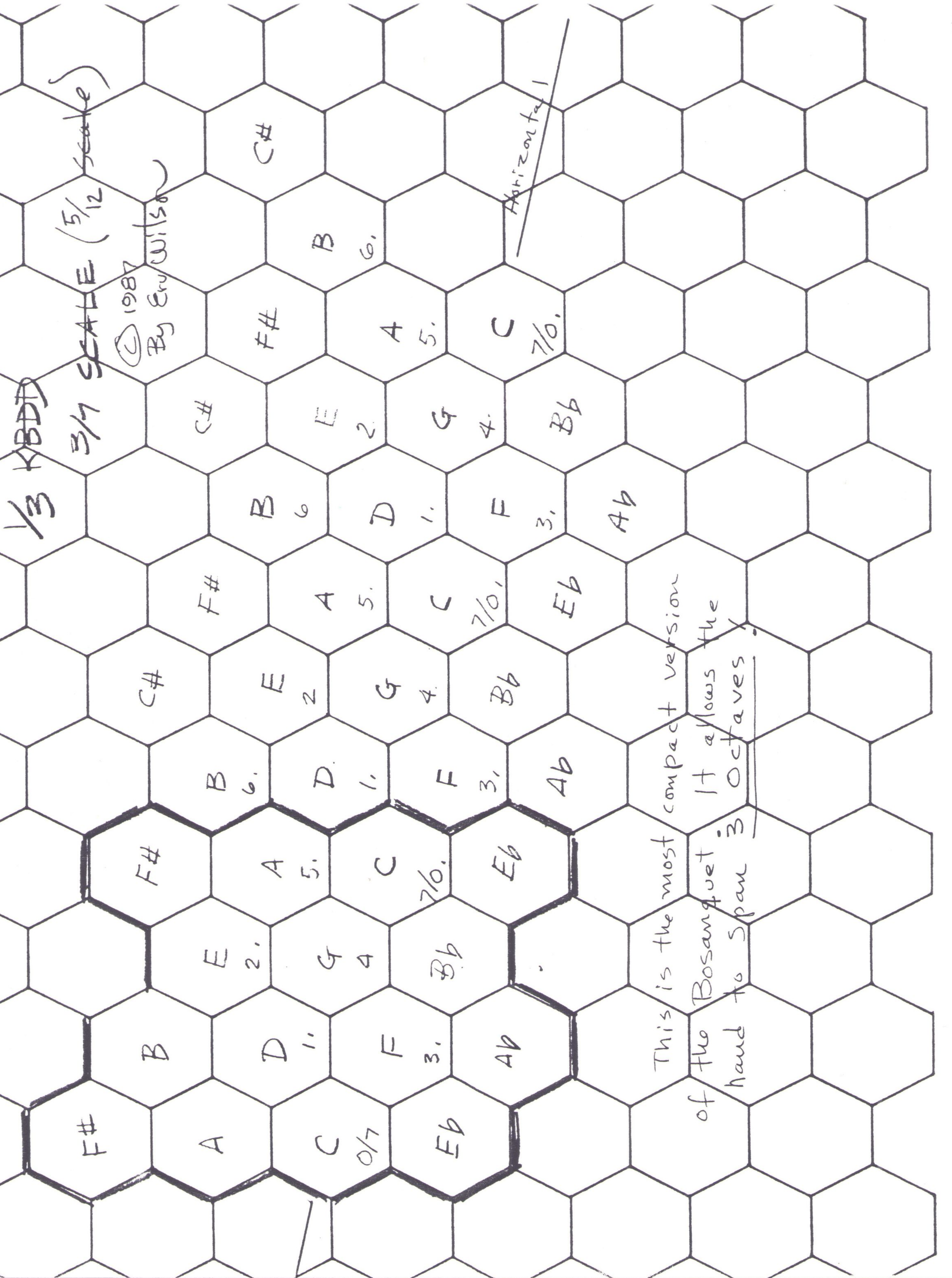
Yours, Erv Wilson

~~1/3 KBD~~

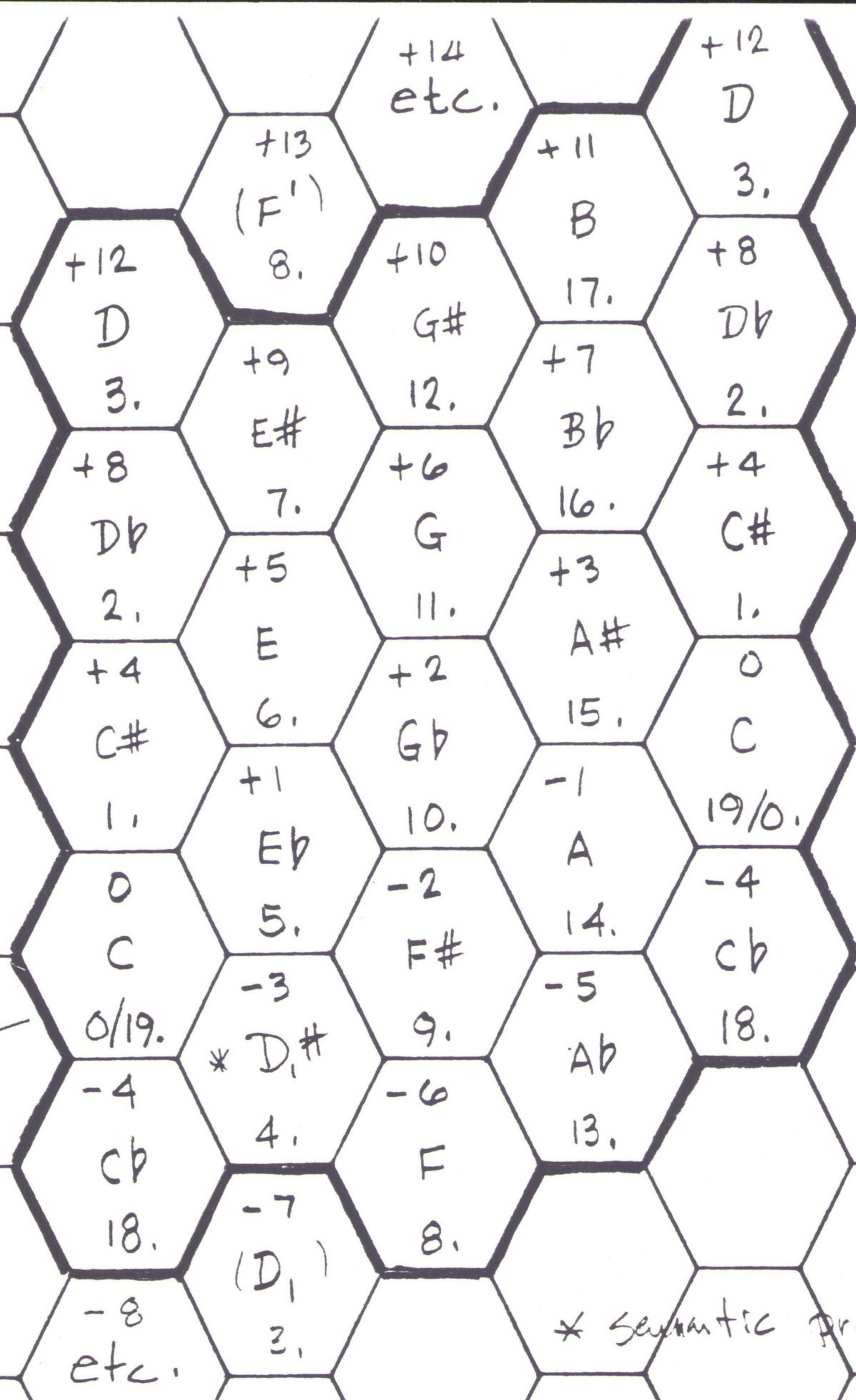
3/7 SCALE (5/12 scale)

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By Eric Wilson

Horizontal



This is the most compact version
 of the Bosanquet. It allows the
 hand to span 3 octaves!



1/4 KBD,
5/19 SCALE
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HORIZONTAL

* Semantic problem with notation

This extremely compact keyboard is amenable to tuning by $\frac{6}{\sqrt{3}}$ (an uncommonly good idea).

2/5

KBD

5/12

SCALE

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etc

+11

E#

+10

A#

+10

A#

+9

D#

+8

G#

+7

C#

+6

F#

+5

B

+5

B

+4

E

+3

A

+5

B

11.

D

E

A

Horizontal

+2

D

+1

G

0

C

F

Bb

C

11.

0

C

2.

-1

F

-2

Bb

12/0.

-5

Db

Eb

Ab

Db

0/12.

-3

Eb

5.

-4

Ab

10.

1

Gb

-5

Db

3.

-6

Gb

-7

cb

1

1.

-8

Fb

6.

-9

Bbb

11.

11.

-10

Ebb

This is an extremely compact version of the Bosanquet Keyboard, and may prove interesting to those interested in scales of 5, 7, 12, 17, 19, 22 tones.

-10

Ebb

4.

-11

Abb

7.

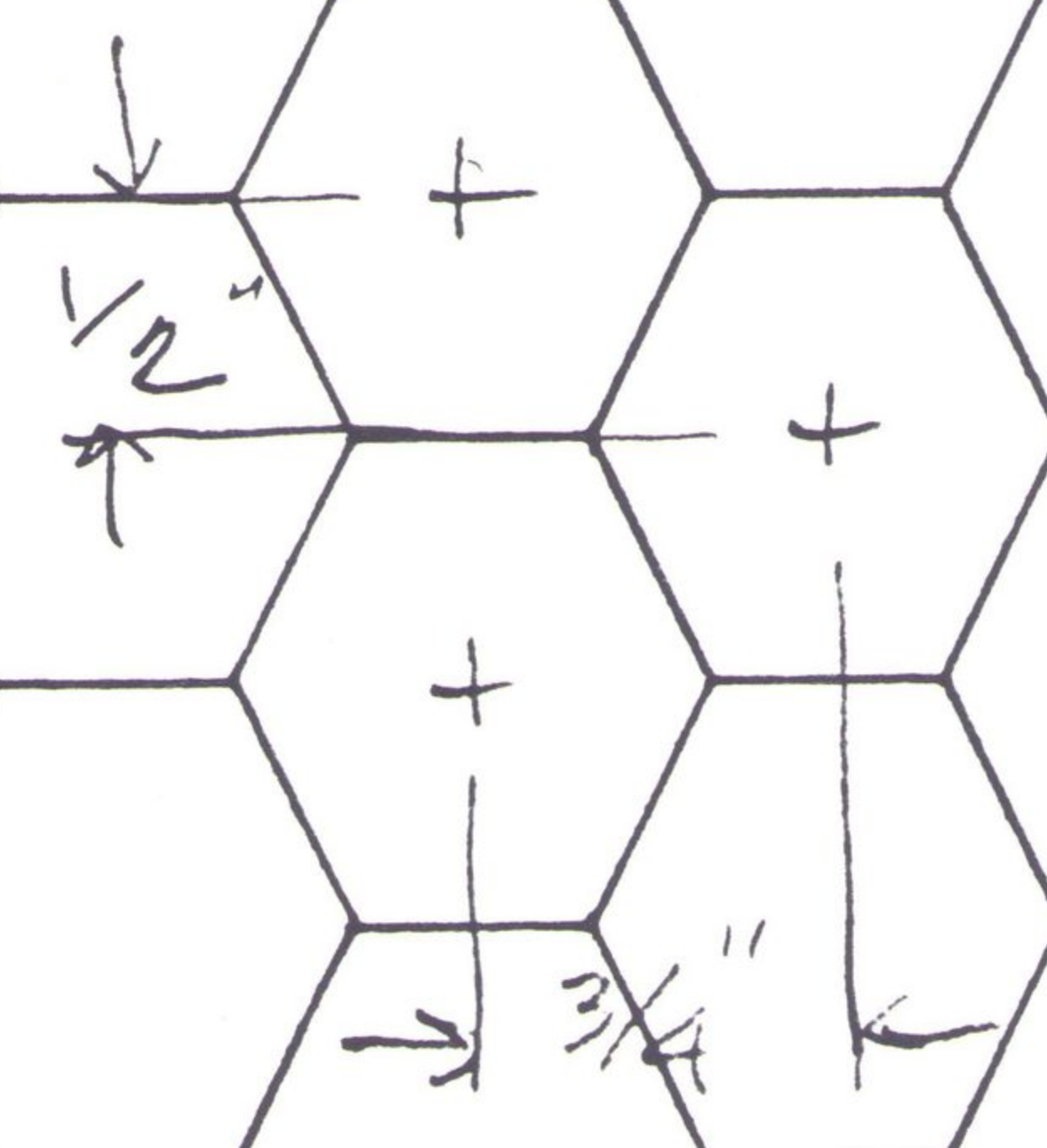
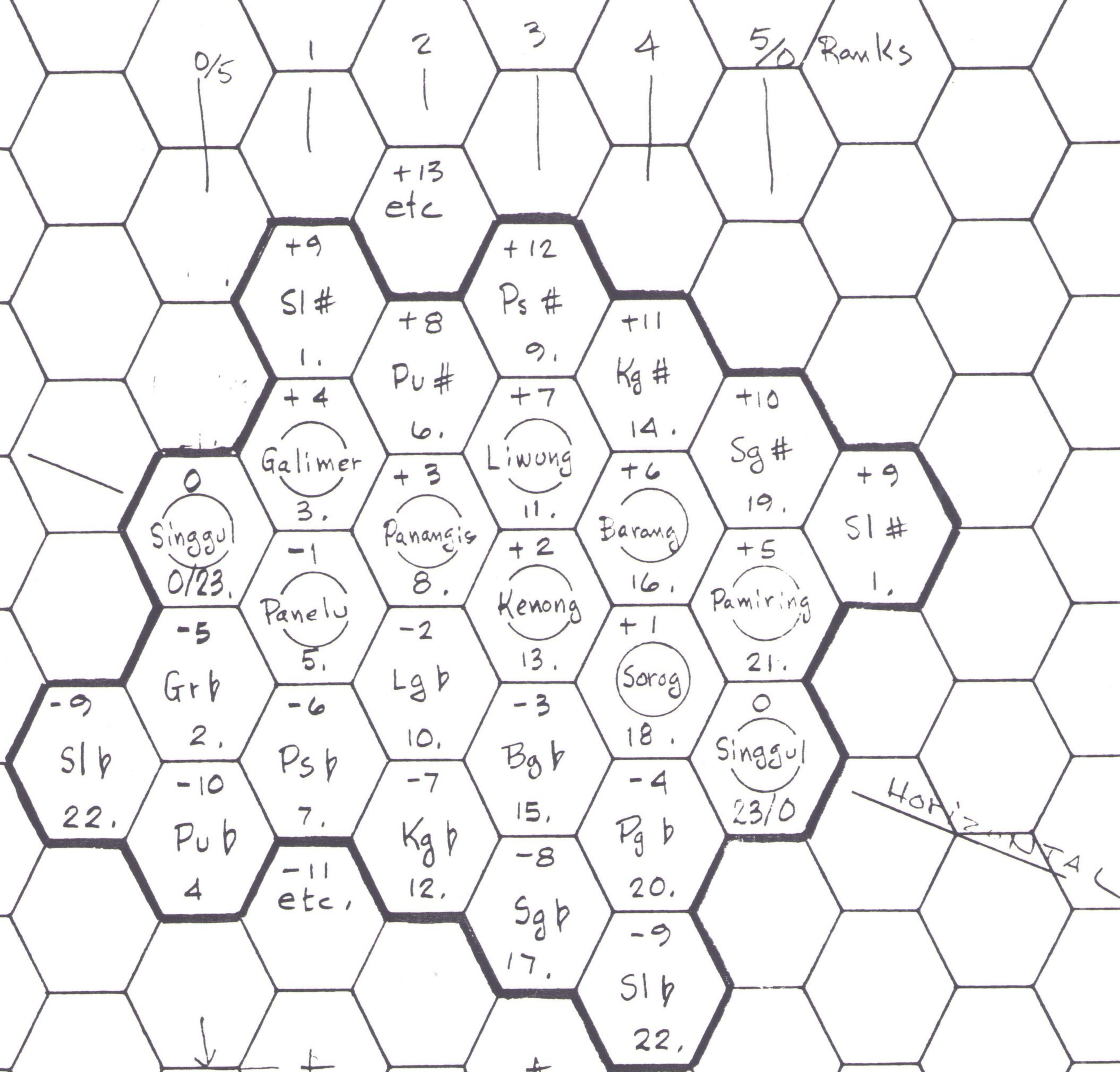
9.

etc.

2.

1/5 KBD 5/23 SCALE

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This keyboard may accomodate the javanese "Pelog" idiom and related tunings.

It will with equal ease accomodate the 24 tone scale