

Biting the Bullet between Gritted Teeth

For Contrabass (scored), Drum Kit (scored)
and 10-Hole 'C' Diatonic Harmonica
(partly scored, partly improvised)

Duration 6' 20"
(00:06:20)

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Performance and Structural Notes:

Adhere to tempi, find the *grooves* and be spectacular. Tempo = 100 BPM throughout!

Time signature = 7/8 and the best internal count is probably "1, 2, 3, 4, 5, 6, and".



Diatonic "C" Harmonica (Harp) - Registral range (C4 to C7)

	C	E	G	C	E	G	C	E	G	C	
C	1	2	3	4	5	6	7	8	8	10	
	D	G	B	D	F	A	B	D	F	A	

Developing a usable (and symmetrical) scale from the registral limitations of both Harmonica and Bass

When playing the Blues, a 'C' harp would generally be used over a (2nd position - cross harp) G major scale. By omitting C5, D5, B5 and C6 from the harp scale (see diagram above), the complete available ascending fifteen-pitch set (from C4) is now {{C4, D4, E4, G4, B4, C5, D5, E5, F5, G5, A5, B5, C6, D6, E6, F6, G6, A6, C7}} = the intervallic set [2, 2, 3, 4, 5, 1, 2, 2, 5, 2, 1, 2, 2, 3]. This scale has two perfect-fourth gaps; B4 to E5 and A5 to D5. The inverse of this set = [3, 2, 2, 1, 2, 5, 2, 2, 1, 5, 4, 3, 2, 2], when this scale is applied to an *abstract* bass range from (e.g.) B0 to B3 (although B0 is of course out of range), the ascending (↑ from B0) bass set= {B0, D1, E1, F#1, G1, A1, D2, E2, F#2, G2, C3, E3, G3, A3, B3}.

The complete 30-pitch symmetrical (B0 to C7) LIE scale is now as follows:



This scale has a (Y2) axial centre at B3/C4, top of the bass and bottom of the harp range:

{B0, D1, E1, F#1, G1, A1, D2, E2, F#2, G2, C3, E3, G3, A3, B3 | C4, D4, E4, G4, B4, E5, F5, G5, A5, D6, E6, F6, G6, A6, C7}

♩ = 100 arco

Bass

mp

9 **A**

mf

17 **B**

Harm. *mf*

D. Set *mf*

Bass *mf*

22

Harm. *pp*

D. Set

Bass *f*

25 **C** 16 bars of intermittent ad-lib harp

Harm.

D. Set *mf*

Bass *f*

29

D. Set

Bass

33 **D** Drummer & harpist both clap where possible

Harm.

Hd. Clp.

D. Set

Bass

mf

Drummer & harpist both clap where possible

pizz.

37

Hd. Clp.

D. Set

Bass

41 **E** 8 bars of ad-lib harp

Harm.

D. Set

Bass

pizz.

45

D. Set

Bass

49 **F**

(1 bar harp solo)

Harm.

D. Set

Bass

f arco

f

53

(1 bar harp solo)

Harm.

D. Set

Bass

57 **G**

(BLOW) (DRAW)

Harm.

D. Set

Bass

f

f

59

Harm.

6

D. Set

Bass

(DRAW)

61

(BLOW)

(BLOW)

Harm.

D. Set

Bass

63

Harm.

D. Set

Bass

65

H

mf

mp

pizz.

mf

69

Harm. *pp*

D. Set

Bass

73 **I**

Hd. Clp. *mp*

D. Set

Bass *mp*

mf arco

78

Hd. Clp.

Bass

84

Hd. Clp.

Bass *mf*

89 **J**

Bass *mp*

97

Bass *pp*