

phantom islands, saltwater superstructures

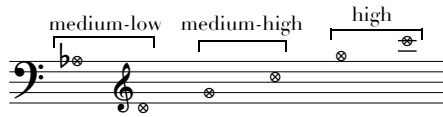
harp, piano, and transducers

(2022)

isaac barzso

performance notes: piano

The piano should be prepared with neodymium magnets (10 x 40 millimeters) on six specific strings:



The performer both directly interacts with the magnets using their hands or rubber mallets and activates them by playing normally on the keyboard. When interacting with the magnets directly with hands or mallets, an alternate notehead is used: ⊗

All playing on the keyboard is notated normally, regardless of magnet placement/ aural result.

performance notes: harp

The performer will need a cymbal brush and paper, to be weaved between a section of the strings.



transducers

The piano and harp both should be prepared with a transducer of at least 20 watts, to be connected to the output of the accompanying Max/ MSP file. The piano's transducer should be placed somewhere on the bass strings, and optimally in the crook between the lower stress bars. The harp's transducer should be placed on the soundboard, similarly close to the lower strings of the instrument.

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CUE 1

clicks followed by sine tone swell

$\text{♩} = 70$ with rubato throughout

harp

piano

strike tops of magnets with rubber mallets

Ped. _____

hp

pno

(Ped.) _____

7

hp

pno

(Ped.)

Measure 7: Right hand has a triplet of eighth notes (G4, A4, B4). Left hand is silent. Pedal point is indicated.

Measure 8: Right hand has a single eighth note (B4). Left hand is silent.

Measure 9: Right hand has a triplet of eighth notes (A4, G4, F#4). Left hand is silent.

==

10

hp

pno

mf *mp* *pp*

(Ped.)

Measure 10: Right hand has a half note (G4). Left hand has a half note (G3). Dynamics: *mf*.

Measure 11: Right hand has a half note (A4). Left hand has a half note (A3). Dynamics: *mp*.

Measure 12: Right hand has a triplet of eighth notes (B4, A4, G4). Left hand has a half note (B3). Dynamics: *pp*.

13

hp

14

15

muted

mp

f

p

(Ped.)

16

hp

p

pedal only;
gliss./ buzz

B \sharp

8va

5

3

8va

5

pno

pp

3

5

(Ped.)

19

hp

8va⁻

mf *p* *mf* *mp*

pno

on the keyboard

p *pp* *p*

(Ped.)

22

hp

8va⁻

p *Bb*

pno

8va⁻

pp *mp* *pp*

(Ped.)

CUE 2

glitched pitches fade in , clicks continue

repeat ad. lib. (~30")

l.v. sempre

hp

25 (8)

p

B \natural

pno

8va

3

pp

(Ped.)

gradually lift pedal

x2

CUE 3

low drone fades in, gradually morphs into noise

light and shimmering

hp

27

30"

F \sharp

C \sharp

pp

8va

3

5

loco

8va

pno

pp

3

5

3

gradually depress pedal

Ped.

30

hp

pno

(Ped.)

8"

5

8^{va}

3

5

3

3

12"

E \flat F \sharp G \flat A \flat
D \sharp C \sharp B \flat

p

p

3

3

5

35

hp

pno

(Ped.)

5

8^{va}

5

6

8^{va}

5

3

3

8^{va}

8^{va}

8^{va}

5

7

5

6

mf

pp

p

3

3

5

6

5

5

5

5

6

3

hp

38

3

8^{va}

5

5^{''}

8^{va}

5

6

pno

3

5

8^{va}

6

loco

3

pp

3

(Ped.)

41

6

7

ppp

8^{va}

5

3

7

5

pp

mp

mp

mp

p

mf

3

5

7

x4

(Ped.)

44

hp

pno

(Ped.)

5

3

8^{va}

p

pp

p

8^{ba}

mp

6

8^{va}

p

3

3

play between tuning pin and nut

47

hp

pno

(Ped.)

pp

mp

pp

ppp

p

5

ppp

CUE 4

glitched pitches morph into lower-pitched drone + noise

hp

15"

50

weave paper between strings
ranging from strings A1 to A2

$E \sharp F \natural$

$p < mf > pp$

p

mp

(muted with paper)

8_{ba}

rattle with cymbal brush

5

mp

Ped.

pno

53

hp

pp mf

$pp < mf$

p

8_{ba}

5

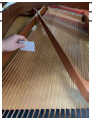
pno

end at harmonic

3

mp

(Ped.)



56

hp

single motion with brush

mp *mf* *p*

mp *mf* *mp*

8ba_

pno

3

(mf)

5

p *mf*

(Ped.)



59

hp

mf *p*

mf *pp*

8ba_

pno

mp

on keyboard

5

3

(Ped.)

x4

CUE 5

transducers off

hp

scratch with nail
mp

p

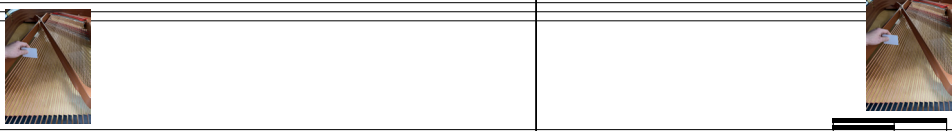
pp

8_{ba}

pno

mp

(no pedal)



hp

mp

p

8_{ba}

pno

x4

CUE 6

noise fades in and out

repeat ad. lib. until electronics fade (~ 30")

68

8^{va}

hp

ppp

l.v. sempre

repeat ad. lib. until electronics fade (~ 30")

pno

ppp

Ped.

The musical score is for harp (hp) and piano (pno). The harp part begins at measure 68 with a treble clef and a key signature of one flat. It features a series of eighth notes on a single pitch, marked with a forte dynamic (ppp) and the instruction 'l.v. sempre'. A dashed line above the staff indicates a repeat section lasting approximately 30 seconds. The piano part also begins at measure 68 with a bass clef and a key signature of one flat. It features a series of eighth notes on a single pitch, marked with a forte dynamic (ppp). A pedal point is indicated by a 'Ped.' marking at the beginning of the piano part.