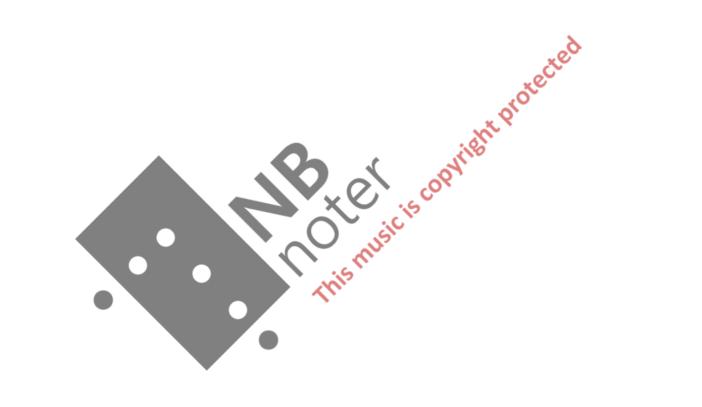
Diabolus

For percussion, soprance, live sound transformation and electroacoustic material

Natasha Barrett 1999



Diabolus

For Soprano, percussion, live sound transformation and electroacoustic material. (Note: Three performers)

General Information

To execute the live sound transformation a performer in addition to the instrumentalists is required (for details of live sound transformation see technical set-up). This performer should rehearse with the instrumentalists and feel together in the ensemble.

The third performer has been chosen to execute the live sound transformation so that less demand is placed on the instrumental performers, who are nevertheless responsible for the timing and synchronisation of the electroacoustic material.

Programme notes

The causes behind periods of 'diabolical havoc' often go unexplained and fall into the realm of superstition and hearsay. Inspired by two sources: the work of the Russian author Mikhail Bulgakov, which is a collection of fiction combining satire, irony, and humour; and dynamic solar activity which, although factual, we know little about, I designed the materials and structure of Diabolus to capture these periods of unexplained 'havoc'.

Our lives depend on the sun as a source of light and heat. However, the sun is also the source of the solar wind, which is a flow of gases buffeting the earth's magnetic field resulting in, among other effects, power surges and the destruction of electrical equipment over expansive areas. The production of solar winds is closely related to sunspot activity, and during periods of high sunspot activity there can be seen an increased havoc in society on Earth. Both the macro and micro structure of Diabolus is derived from this activity: the duration and contour of the sunspot cycle, the time it takes the sun to fully rotate, the relationship between magnetic fields, the pairing and speeds of solar winds and their arrival at Earth.

The text of Diabolus is taken from key phrases remaining in my memory from the Bulgakov text "The Master and Margatita", combined with snapshots from Goethe's Faust (German original). These two literary sources seemed to be appropriately coupled; both dealing with interactions between the Devil and the soul. Much of the time the text in Diabolus is fragmented and recombined through the use of permutations, such that the grammatical structure is destroyed. In contrast, key points in the structure are marked by linguistically clear articulations.

Performance Instructions

- 1. The conventional tape part is divided into 26 separate sound files, triggered live by the as she performs the material in the score. This is designed to assist the performers in playing together with the acousmatic material and allow them more freedom in timing and live phrasing.
- 2. The sound riles vary in length and are designed such that they overlap from between two to 50 seconds. However, the performers should exercise only subtle timing freedom - as if the trigger points are flexible joints. In this way, the pre-prepared material is controlled by the composer, while the 'joints', which occur at points of low structural importance or where rubato would normally be inhibited by an inflexible tape part, allow the performers to achieve significant timing freedom effective on a global structural level. Where the material requires only general synchronisation, the performers can achieve further freedom, knowing that the next 'duration' of material will begin when they decide. This method of arranging the acousmatic material should also simplify the learning process: the vague anticipation of events, indecision over the timing of quiet 'tape' entries, and ambiguities over the high point of a climatic surge, are reduced by the performers' more accurate judgement over the current location in the score.
- Live sound transformations are used to transform the live material in a dramatic manner.

 A third performer reads from the score points to activate the various MSP patches. The instrumental performers should also be aware of this live part. In the indications as to the type of transformation are given

 - performer at points where exact timing is required (e.g. page 6 sampling). The percussionist should be able to visually see the singer pressing the foot pedal.
 - 6. The graphic score provides a visual guide to the acousmatic material. It is however only one interpretation and performers will find it useful to add their own memory aids.
 - 7. A CD is provided for rehearsal purposes. It contains a version of the complete electroacoustic part on which are recorded fragments of live vocal and percussion material to initially assist in score following. The next 26 tracks are the individual sound files triggered in performance. This CD is not for final performance. A CDr of materials is available from the composer.

1

Diabolus: performance and instrument set up

AUDIENCE

Tam

Tubular bell

| High metal | High | High tom | Timpani | Low tom |

Notation

Voice:

Spoken or whispered (or shouted)

×

Half voiced sound

Slow vibrato increasing in modulation width

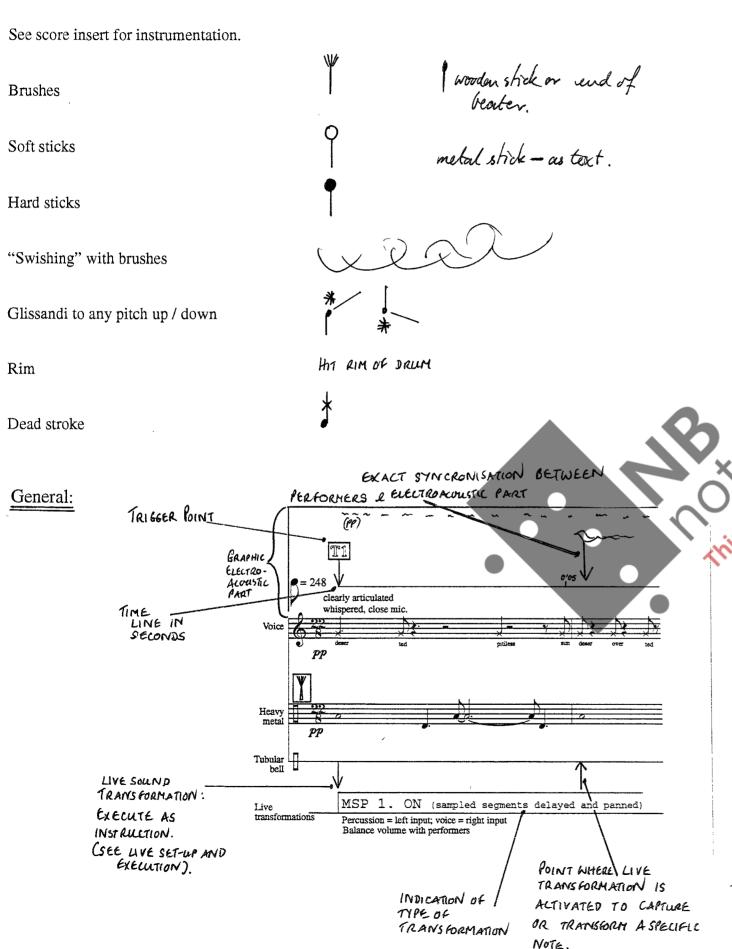
Glissandi down / up from note



The singer should practice microphone techniques: moving close to the microphone during whispered or intimate material, moving back from microphone during loud passages.

The singer triggers all sound files. She must give cues to the percussionist at points where he should synchronise with her 'trigger' (e.g. page 5, T5), and she also cues the computer performer at points where exact timing is required (e.g. page 6 sampling). The percussionist should be able to visually see the singer pressing the foot pedal.

Percussion:



Percussion instrumentation

High metal = nine very high resonant metal instruments (e.g. chimes, Indian bells, small triangle).

Heavy metal = six heavy or rusty, dead sounding metal objects.

Cow bells = two almglocken cowbells, pitches low: A, high: F. BUFFOLD BELLS

Bowls = singing bowls, pitches low: B, high:

Tubular bell = a large tubular bell

Timpani + cymbal = large cymbal resting onskin of timpani with pitch range ~ B - E. (On page 6 the B bowl is briefly substituted for the cymbal).

Drums = low tom and high tom.

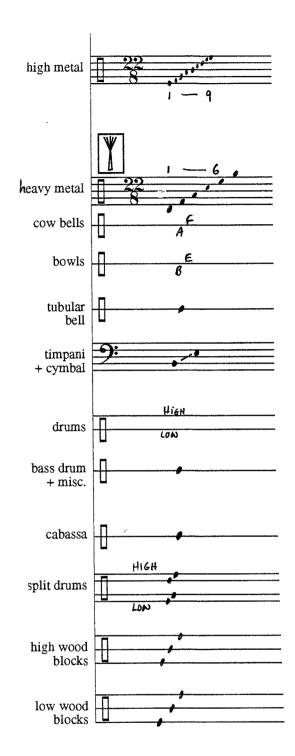
These are specified directly in the score.

Cabassa = cabassa

Split dec. Indian chime or

High wood blocks = three high wood blocks.

Low wood blocks = three low wood blocks.



TIT

Diabolus: Text

Pages 1 - 4

Deser-ted pitiless sun deser over ted his head pitiless and filled his sun deser ted ears pitiless sun pitiless catch him! Pitiless sun deser fire ted pitiless o sun deser ver his ted pitiless head and sun deser filled his ted ears with in fire deser over catch his pitiless sun deser head and filled his ears ted with fire sun over his scorched head and filled pitiless his ears with sun storm of dust fire pitiless sun in the over his head and pitiless sun morning rang out.

Pages 6 - 8

Waren die dunkein Wolk en Sternelein Funkeln Mildere sonnen Melting there was a silence

Pages 9 - 12

Opaque purple wave swam before Strange water swayed Within it float Away some where Moonlight seethed Sun

Pages 13 - 19

Everything become jumbles and suddenly Fire air condensed and spun into a Deserted sun, who calls

His ears catch with sun fire o sun hear me with head and unable to understand what had frightened him o filled his ears with fire over catch his he has appeared! Catch him! At once!

Diaboli, who calles me?

Hear me

Unable to understand what had frightened him

He has appeared, catch him, unable to he understand has what had appeared fright catch him he has appeared understand catch him he has fright appeared unable catch him he to has understand appeared catch had him he has appeared fright unable catch him he to understand has

Hear me, one and all, he has appeared, catch him at once, or he will work untold disasters.

Hear hear me, one and all, catch, Schwindet ihr dunkeln, Wolbungen droben, Reizender schaue, Freundich der blaue

Panic stricken but when he opened his eyes everything had dissolved

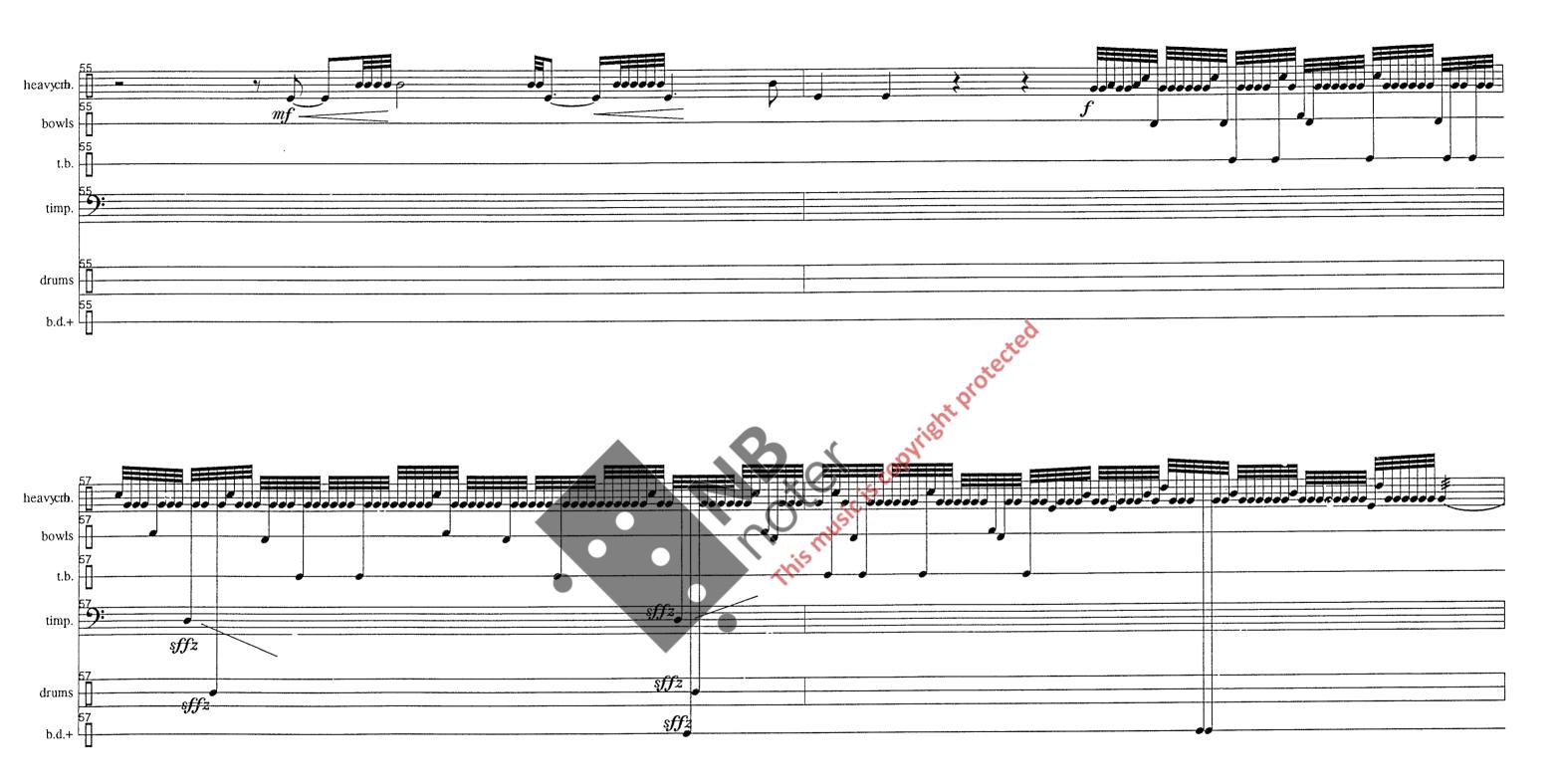
Pages 20 - 21

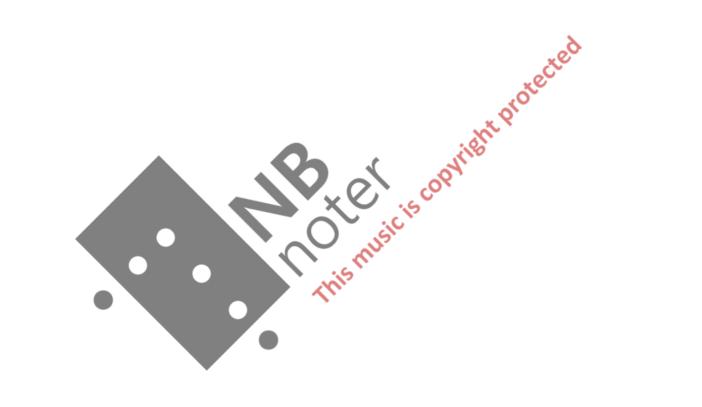
Am I, again, deluded, dreamt I, some mere illusion, before my eyes, melting, there was a silence.

Spirit, bending, wavering, hover.

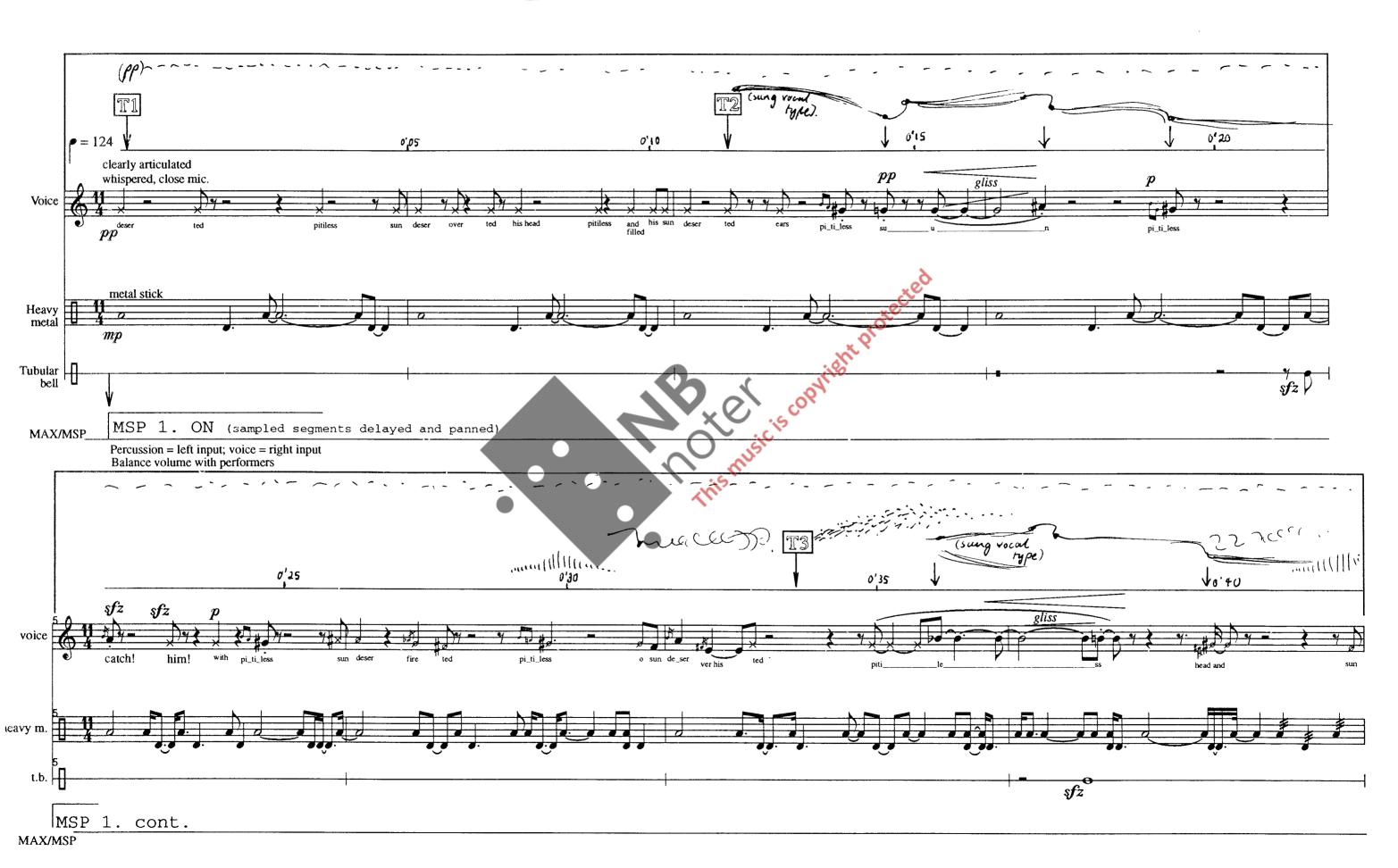
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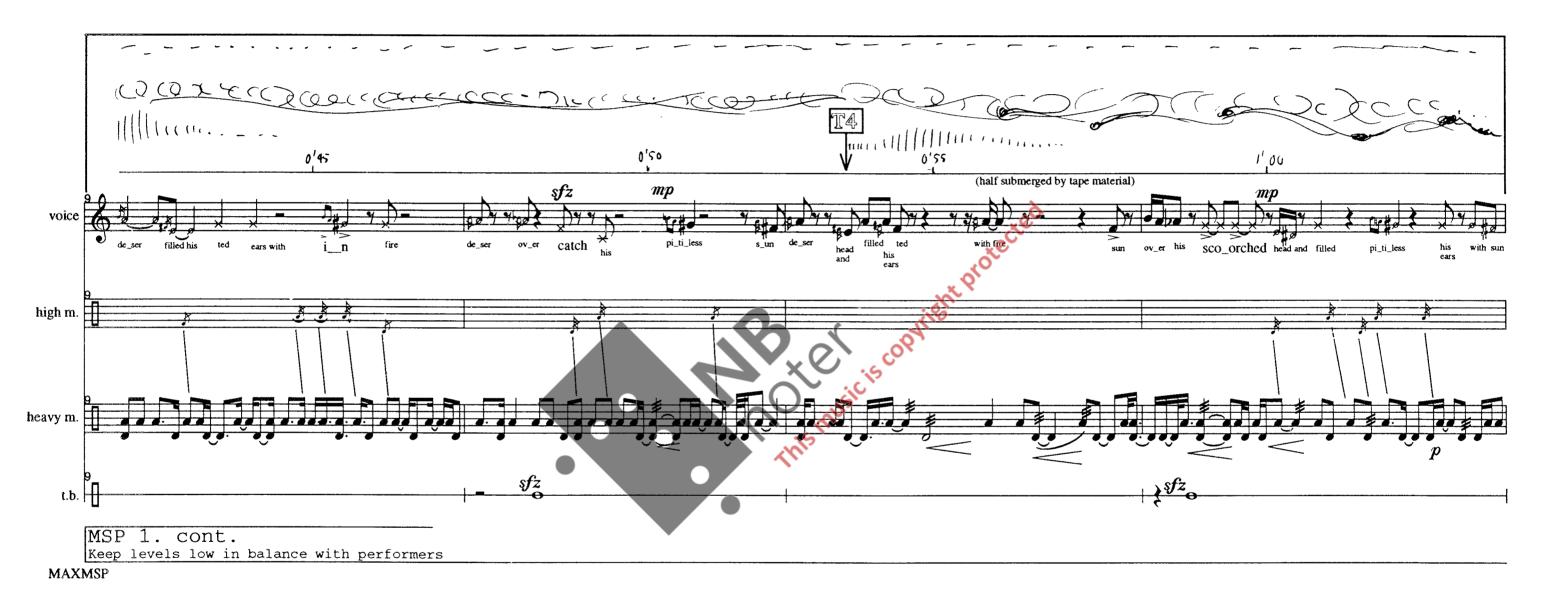
TV



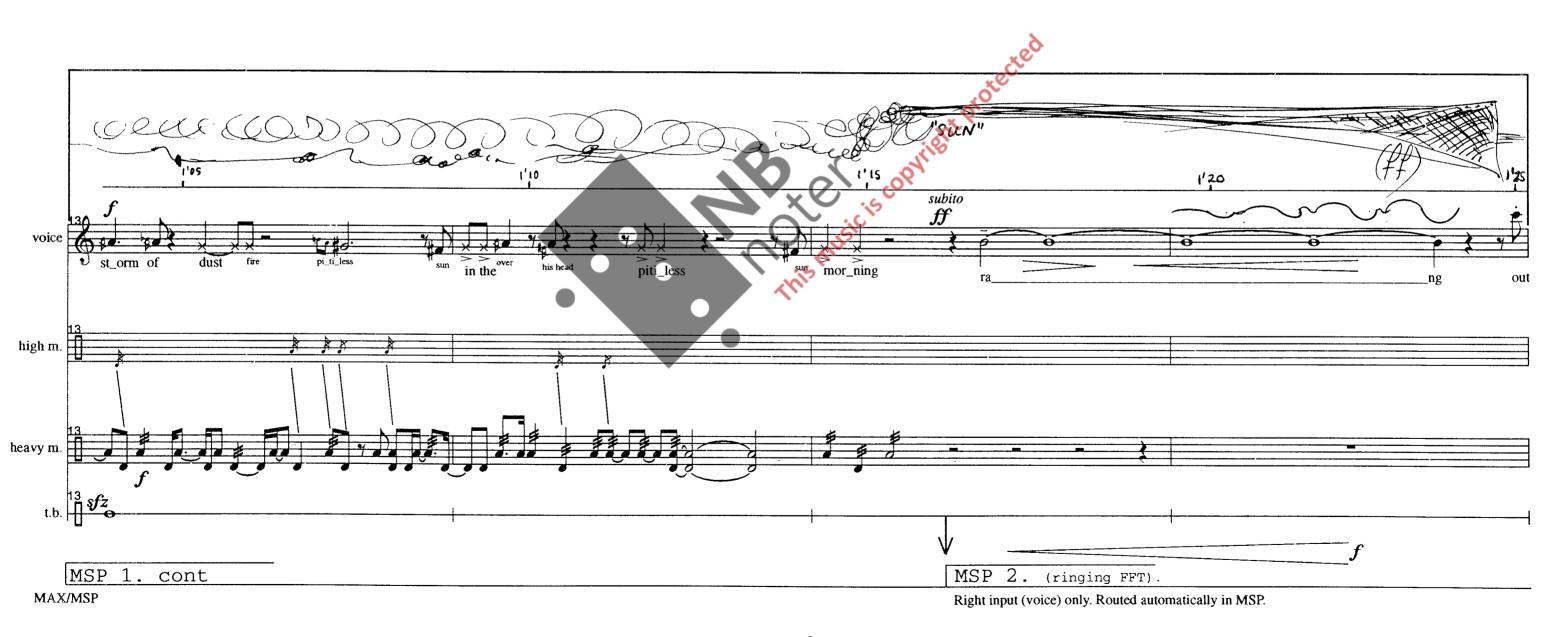


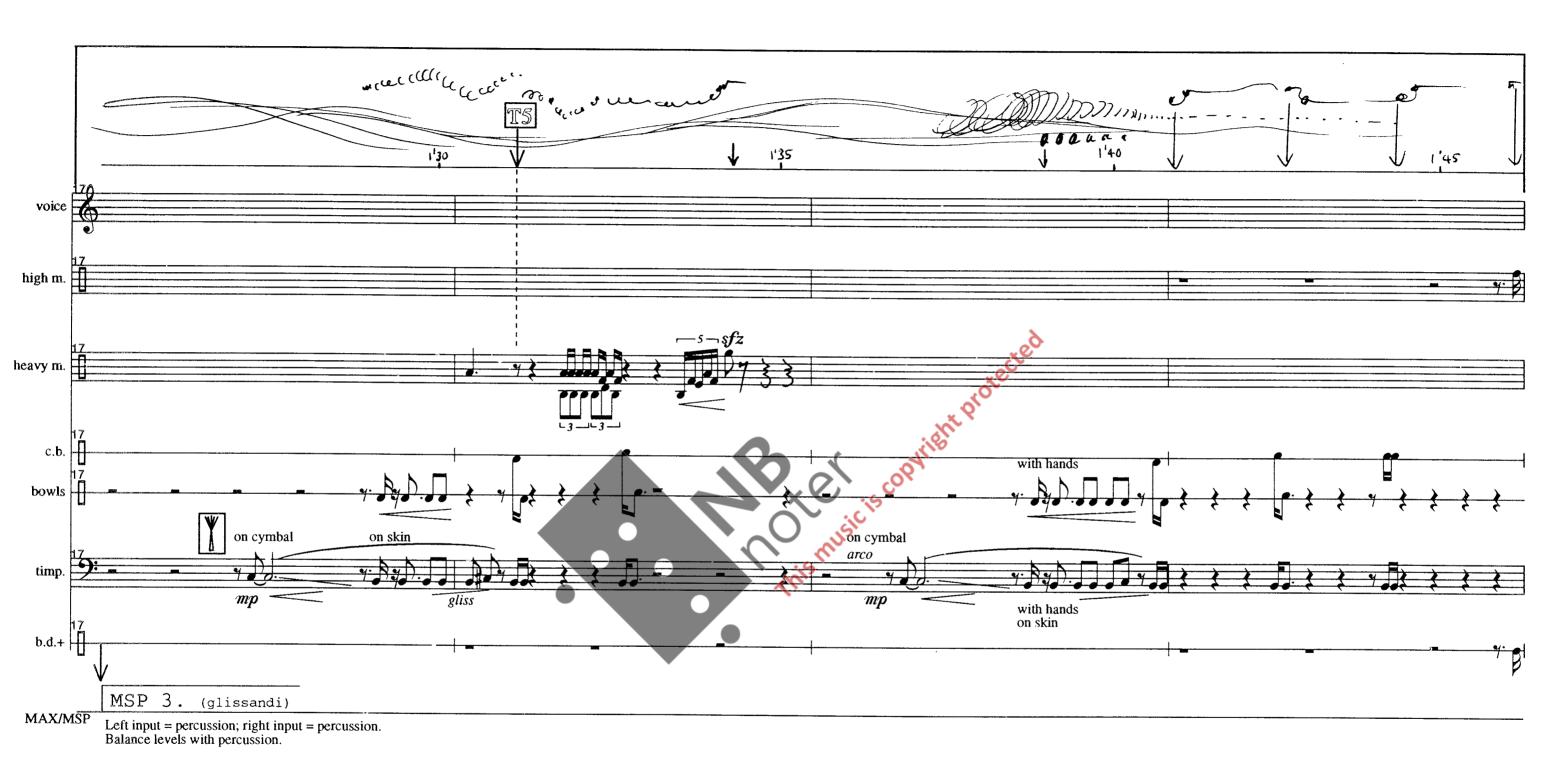
Diabolus



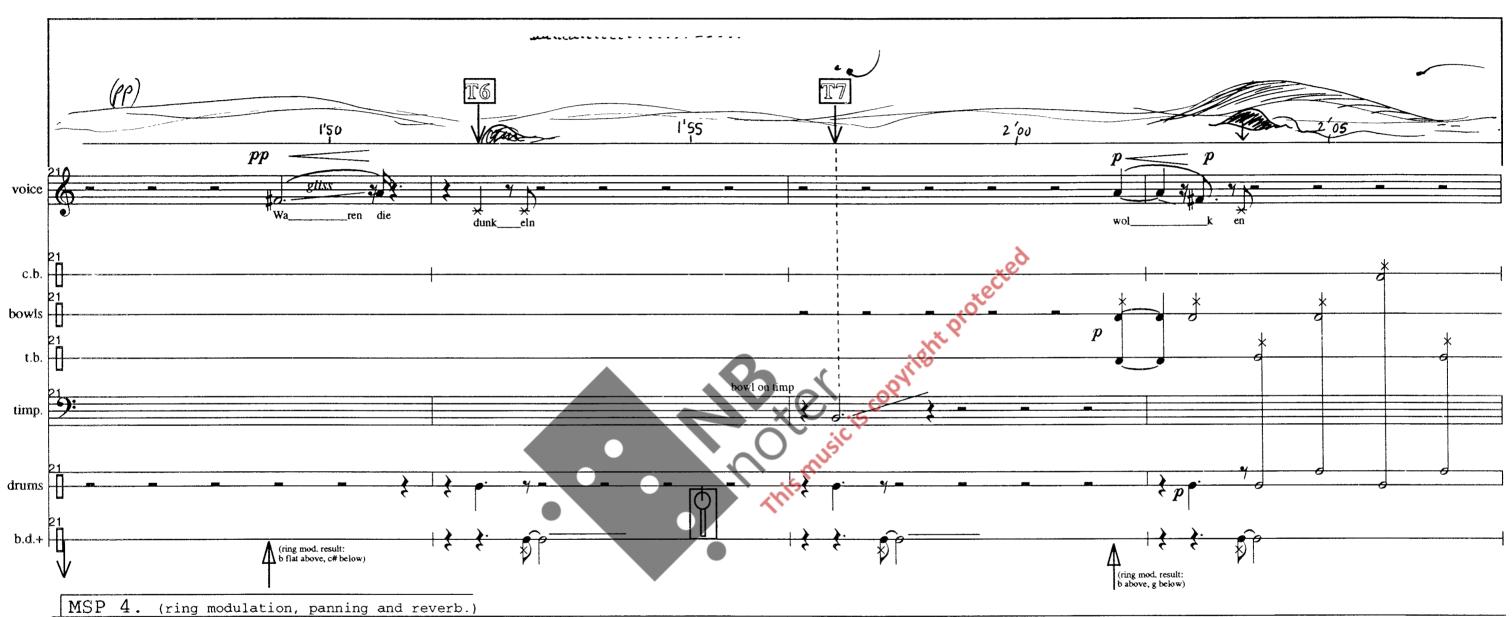


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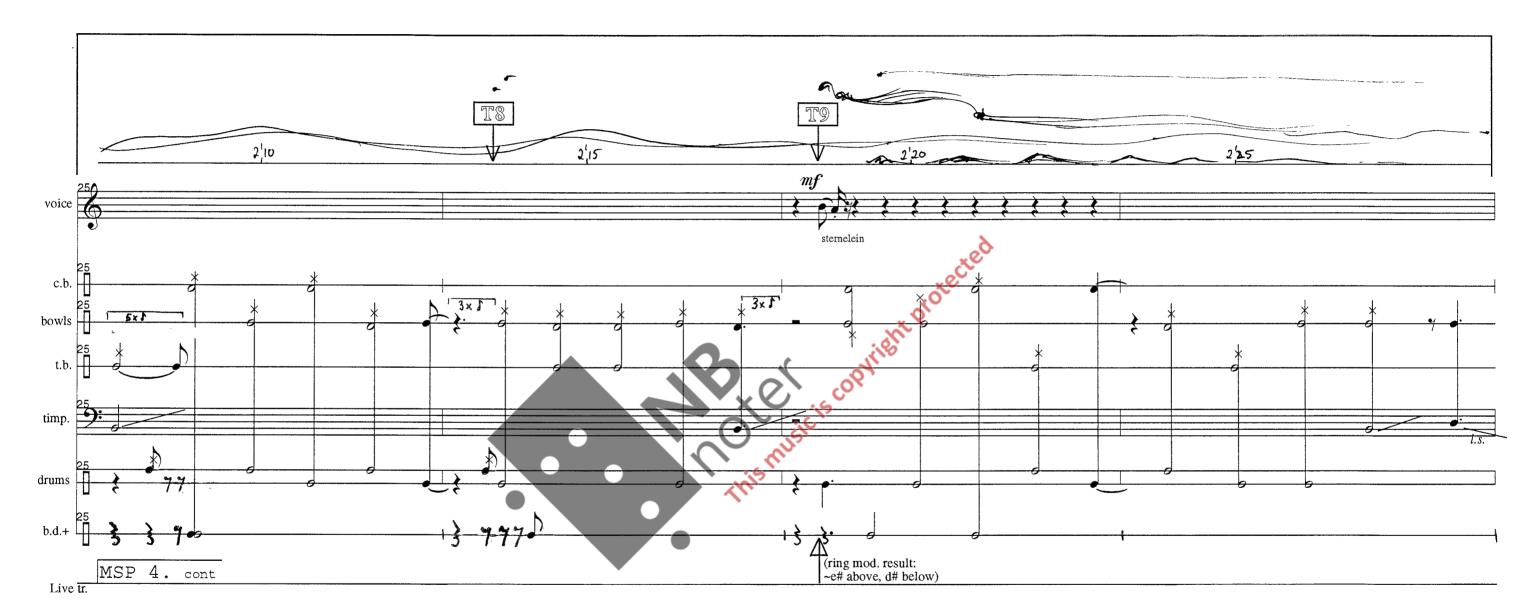




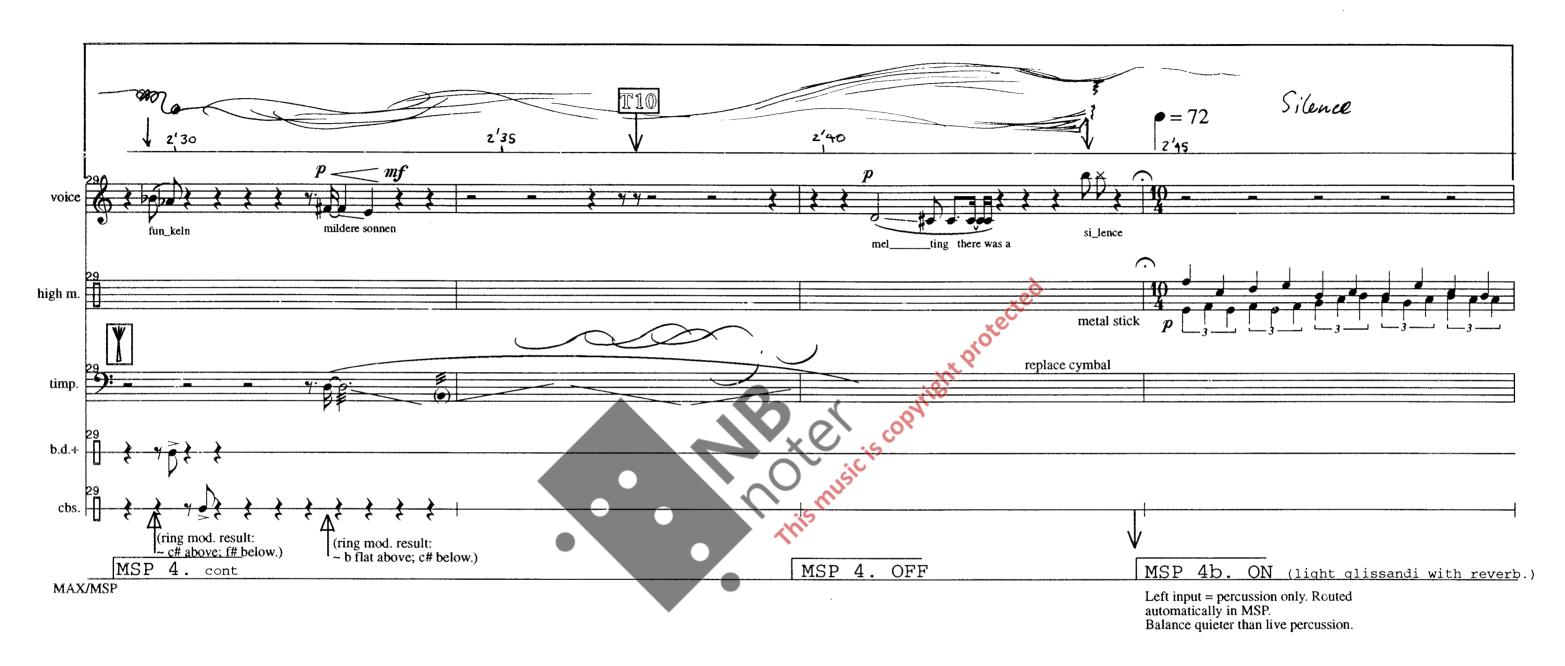
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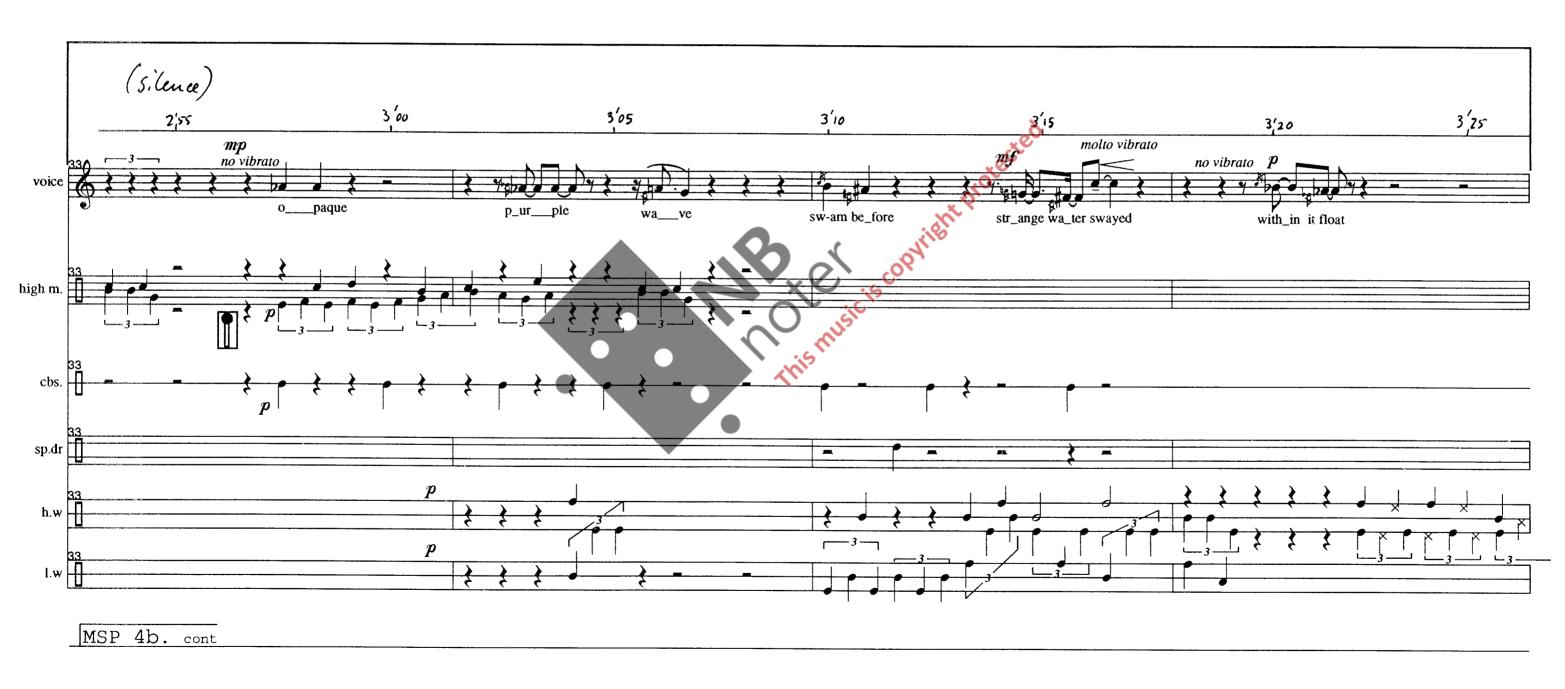


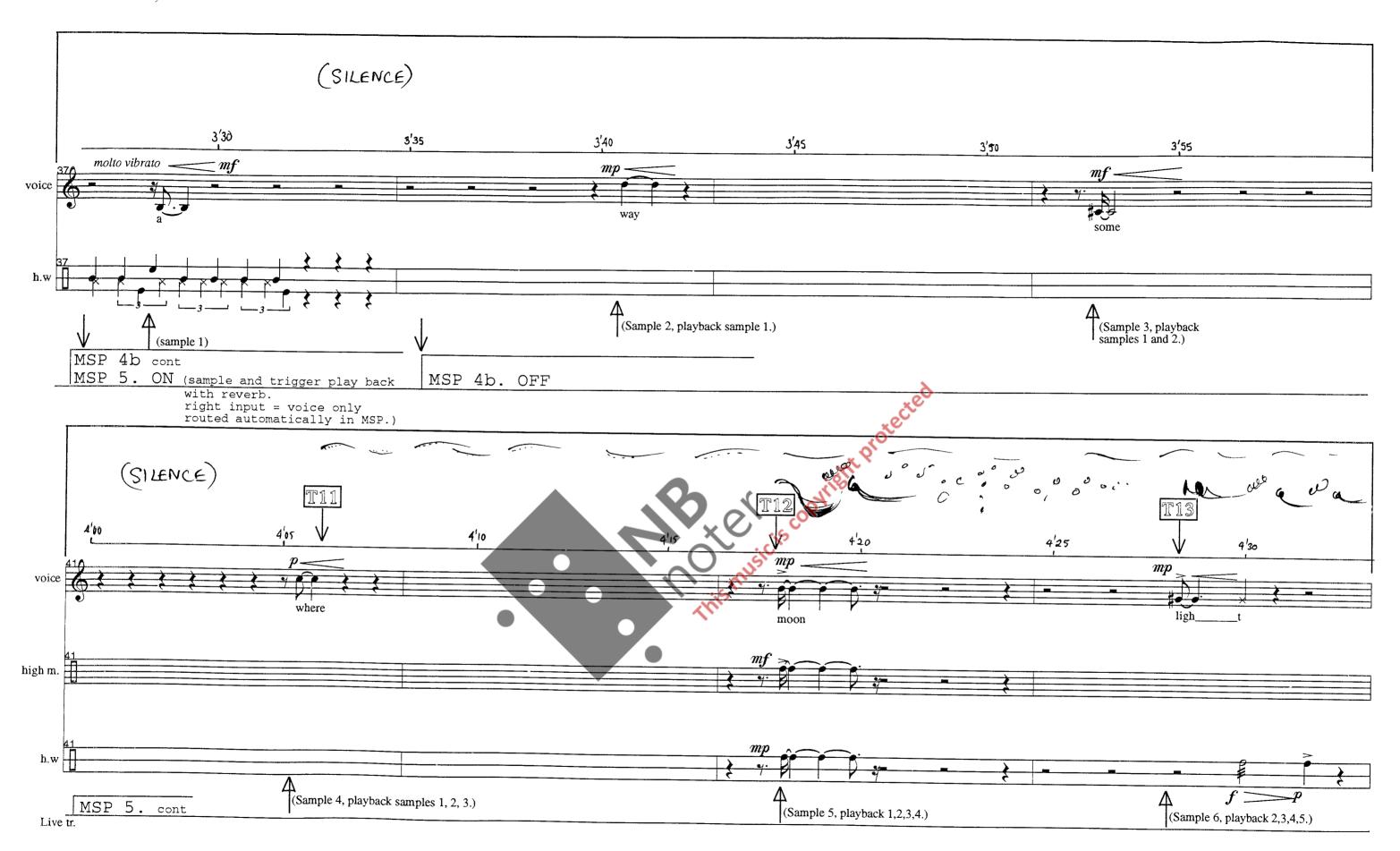
Activate MSP timing to sync with voice.

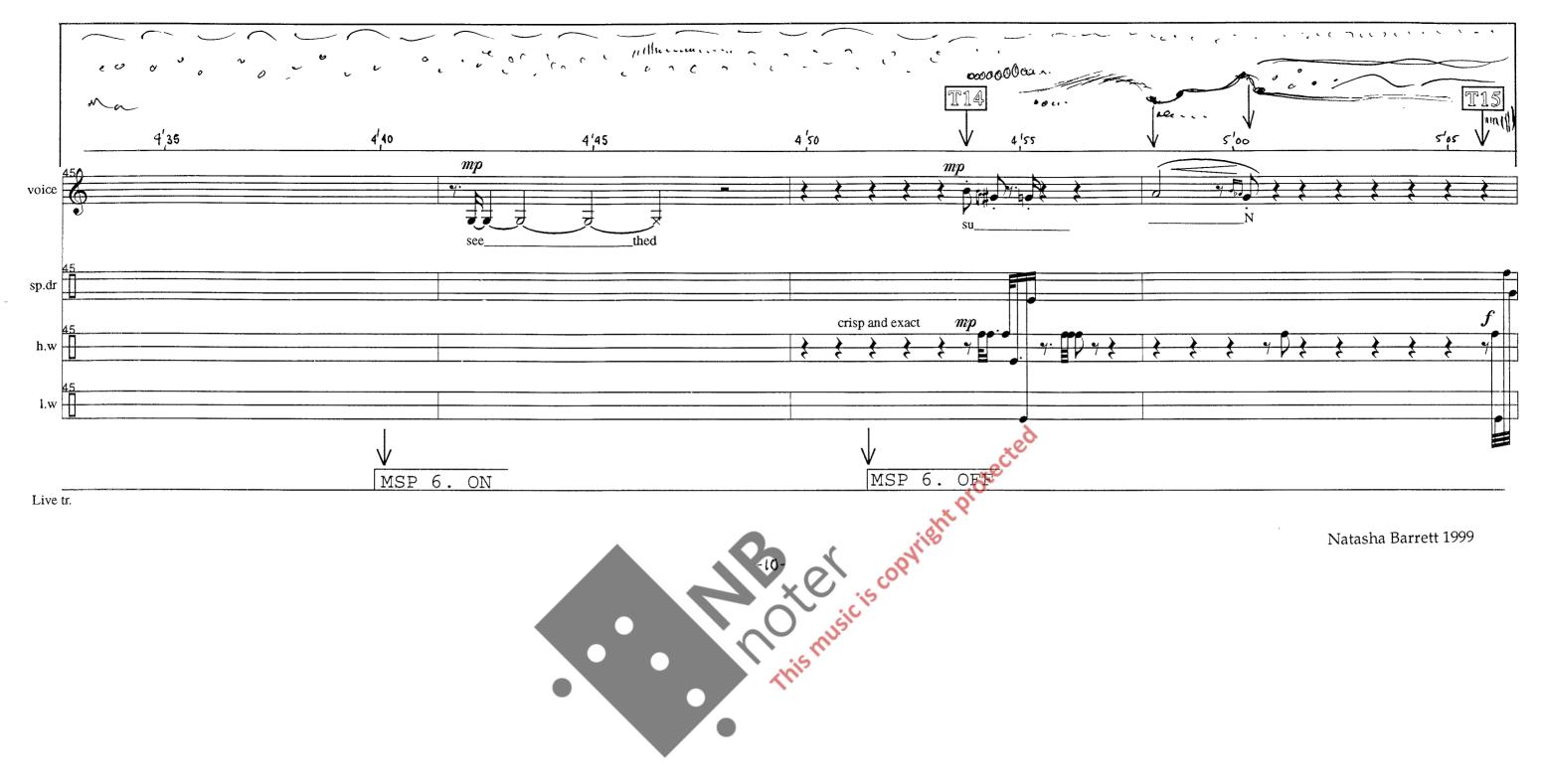


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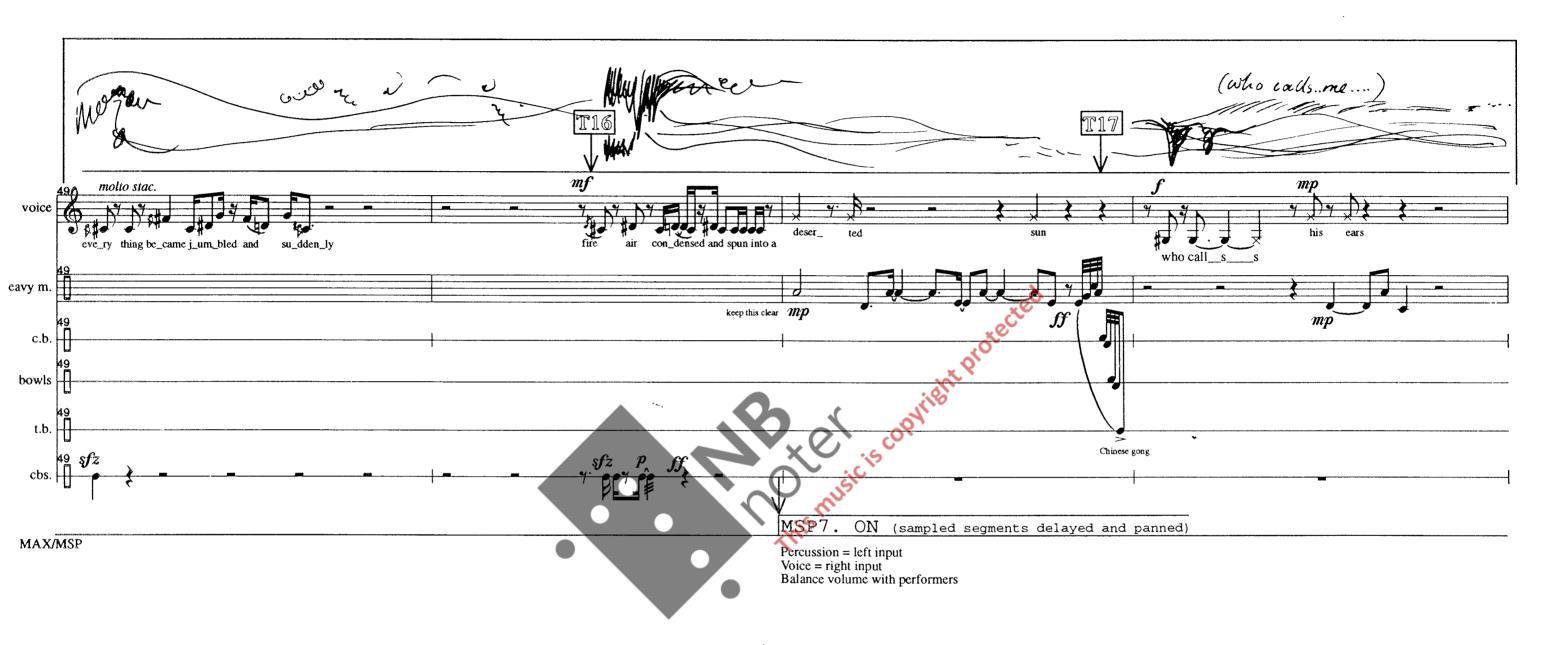


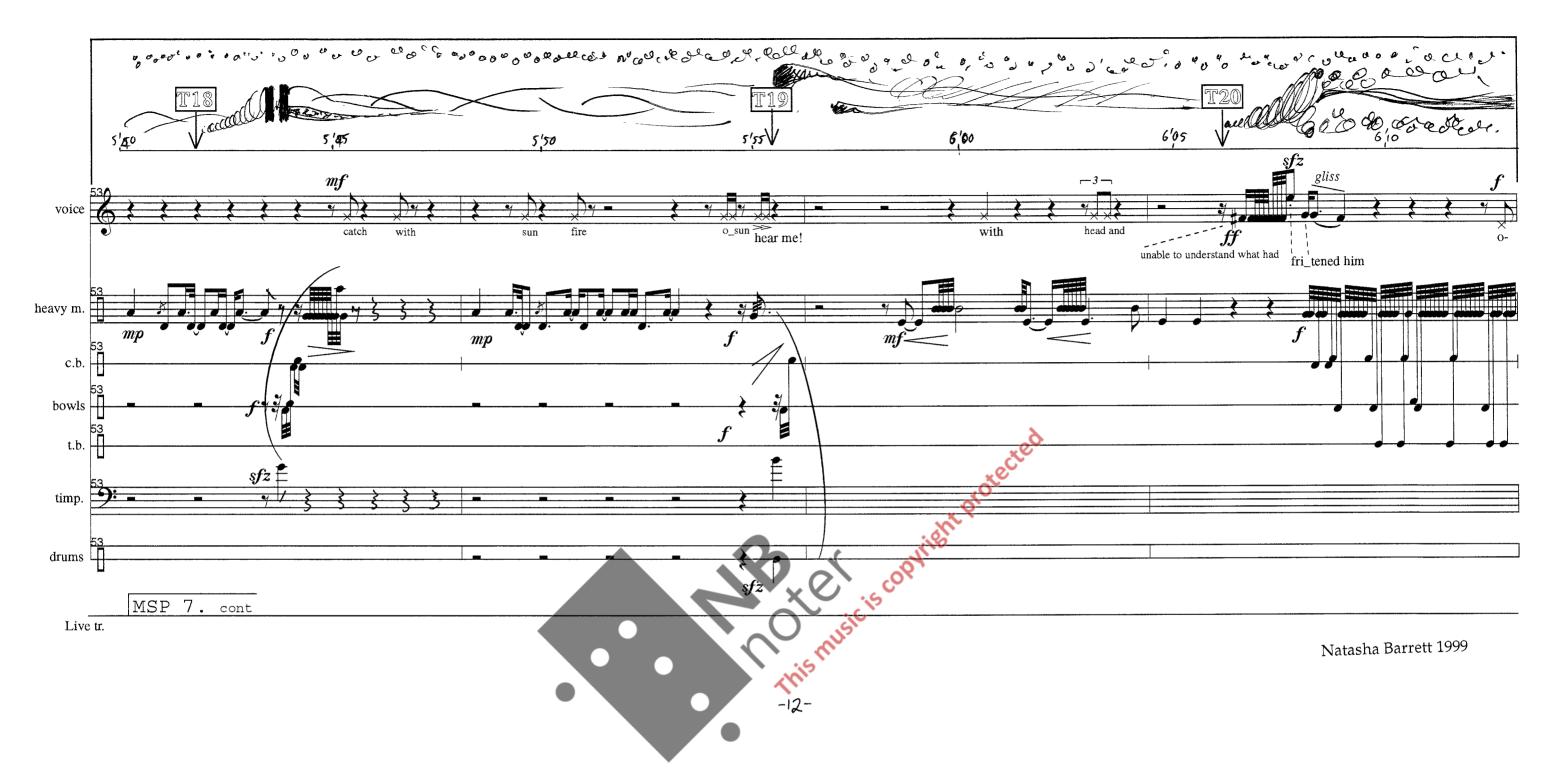


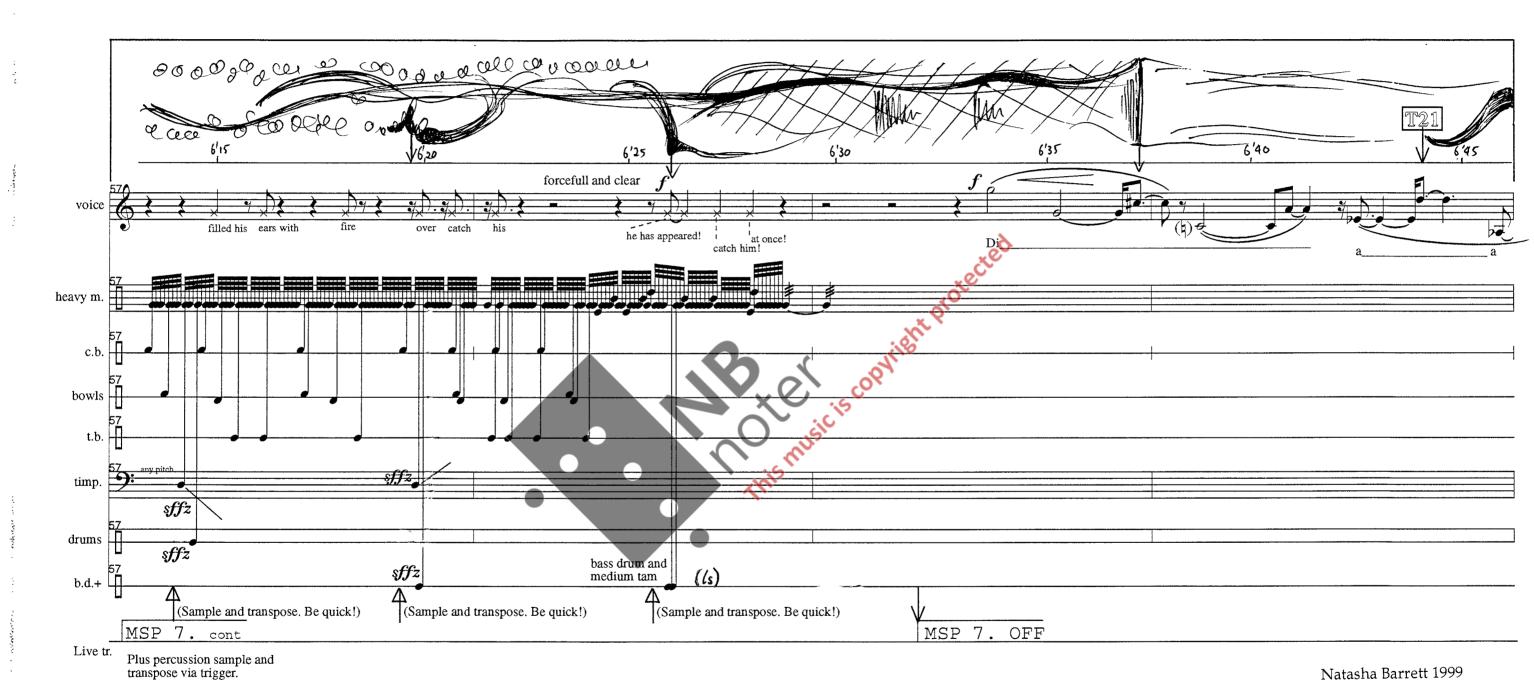


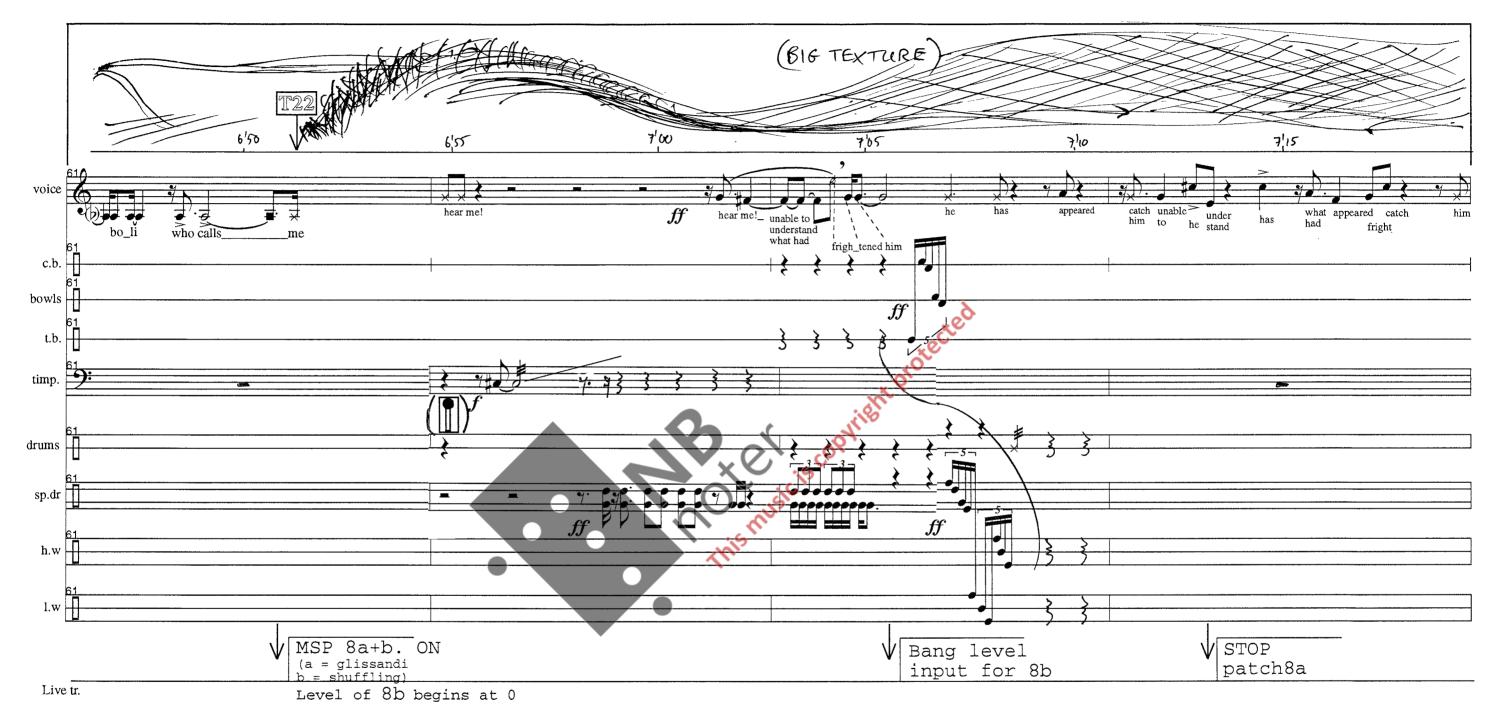


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