For amplified bass recorder and tape

Ian Percy

2003/04

(Score revised 2009)

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Approximate duration: 17'14"

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The inspiration for this piece lies within Aztec mythology and early Mexica folklore. Mictlan [MEEK-tlahn] is the name for the nine levels of the Aztec underworld: The Land of the Dead. Aztecs had no concept of heaven and hell, but souls considered to have met with an unworthy death would need to earn their eternal rest. They would pass through a series of trials and tests on a journey taking four years to complete: The Nine Trials of Mictlan.

The dead were often buried with food, blankets, paper flags and dogs (fawn or red dogs were most common) to help them on this journey. A jade bead was placed in the mouth of the deceased to act as a human heart. They would carry offerings to present to the Lord and Lady of Mictlan: Mictlantecuhtli [Meek-tlahn-tay-COO-flee] and Mictecacihuatl [Meek-tay-kah-SEE-wahtl] for when they reached the final level: The Cave of the Dead.

The nine trials were used as a formal template and the concrete character of each section is reminiscent of the task within each relevant trial:

- 1. Cross a deep river (helped across by a red dog spirit-guide)
- 2. Pass between clashing, high mountains
- 3. Climb an obsidian mountain
- 4. Pass through icy winds that cut like a knife
- 5. Pass through flapping flags
- 6. Arrows shot at soul: Pierced by arrows
- 7. Wild beasts eat human hearts
- 8. Narrow paths and passages between hard rocks
- 9. Darkness and rest: The soul sleeps ...

The opening (and closing) solo multiphonics (Sound of the Soul) provided the compositional foundations for Mictlan. They imply an ethereal triad-based microtonal dialect: a protospectralist language with natural resonance and overtone theories idiomatic to the instrument.

Apart from the distant presence of flowing water (introduction), all concrete sounds originated from the bass recorder. The instrument has an ancient quality to its tone, a flexible facility to voice the harmonic series and an inherent ability to present microtonal variations of pitch; all of which seemed to be an ideal contemporary alternative for authentically emulating the breathy sound of traditional Aztec instruments such as the conch shell. In Aztec culture there was no concept of a gift. Nothing was received without offering something in return. This distinctive etiquette governs the relationship between fixed sound and musician. The intention was to blur the defining lines, at times rendering the join invisible. At other times, they intentionally occupy their own space, reminiscent of the defining isolation of humanity and the individual experience of life and, ultimately – death.

Amplification and Concrete Diffusion

Amplification: The concrete parts should be diffused to multiple stereo, summated mono and sub-bass speakers. The musician opens the piece in solo and will give a signal when they want the tape to start. This is written in the score.

The live parts should be mixed to a/b stereo (equal space either side of the central musician) through a two, four or six speaker, front and centred half-circle and the volume should then remain fixed throughout the performance. It is preferable if the live part has its own dedicated speakers and the concrete parts are balanced with and diffused around these speakers.

A coincidental pair of close-proximity condenser microphones captures a feel more authentic to the soundworld of the piece than that captured through contact microphones, but there is no specified preference. The musician will require a suitable stage monitor for their live sound.

Reverb: Given the nature of reverb as a digital effect and how its use and practicality is governed by the specific environment (performance space) of the recital hall, it seems practical to only offer a guiding set of approximate settings:

Once a suitable length of decay has been determined within the live room (recital hall), the reverb settings remain mostly fixed at **RS1** throughout the piece. However, at specified times the technician needs to adjust the amount between four approximate settings (all marked in the score):

RS1: Reverb setting 1: Luxurious and lengthy reverb with some of the higher frequencies rolled off the feedback and a generally warm timbre to the decay. Clearly audible and expansive, but never in front of the live source sound: A warm and spacious hall reverb.

RS2: Reverb setting 2: Fairly conventional accent reverb mostly used during melodic (or thematic) passages.

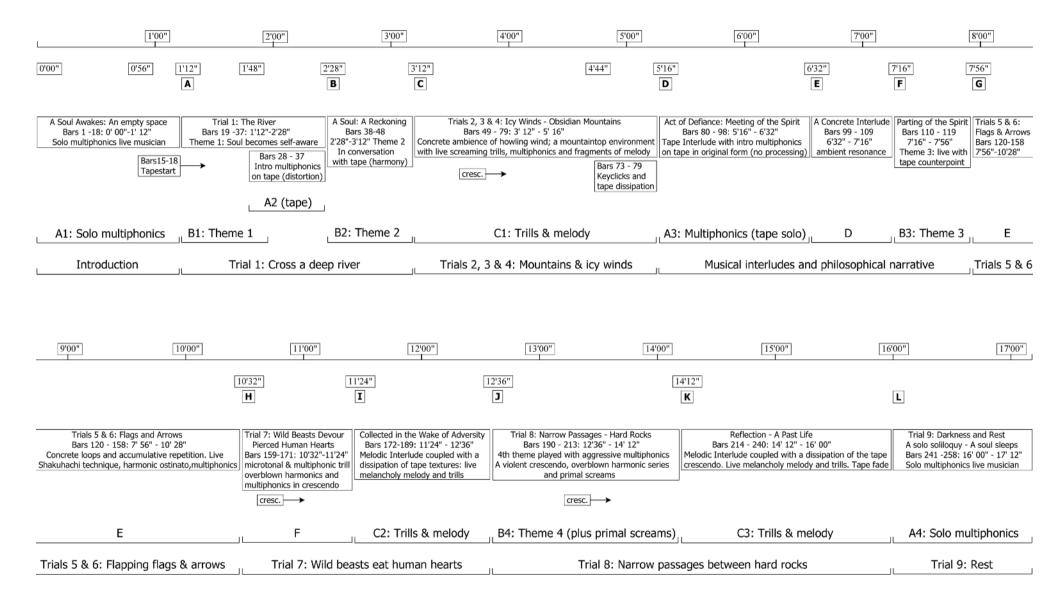
RS3: Reverb setting 3: Near dry, but still audible reverb (used only once).

RS4: Reverb setting 4: Used for dramatic emphasis a couple of times during the piece. For this reason, the levels of **RS1** must allow for this additional amount. During the score the technician is asked to increase reverb in subtle increments to just short of feedback.

Delay: The piece works fine without the inclusion of digital delay, but a stereo multi-tap delay with parameters set to multiplications/divisions of 60 (written tempo of the piece), with decaying repetition set over about 6-8 seconds, preset stereo panning and 8 individual taps works very well in two passages marked in the score. If this is utilised, make the decay audible, but still subservient to both live and concrete audio. Multi-tap delay also works well when diffused to multiple stereo surround sound.

A simple stereo digital-delay can have a similar influence upon the passages mentioned, with decay set over about 6-8 seconds and time parameters set to multiplications/divisions of 60.

Mictlan Form



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Performance Symbols

BT Beating Tone [m	icrotonal minor 9	th/semitone]
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- **EF** Elements of Fundamentals
- **EM** Elements of Multiphonic
- **M** Multiphonic
- Normal: Cancels all symbols
- **O** Overblow

R Roll [a form of slur]

RF Roll to Fundamentals

RT Rolling Tone [octave]

SM Strong Presence of Multiphonic

SO Slight Overblow

VE Varying Embouchure

for amplified bass recorder and tape

16"

12"

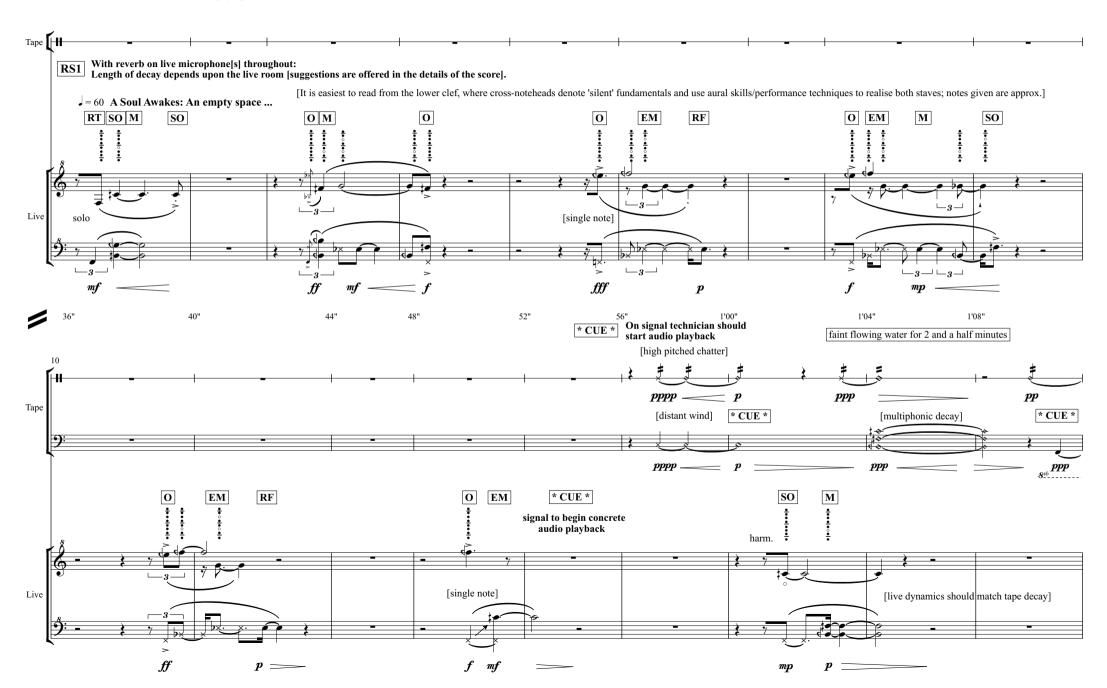
Ian Percy

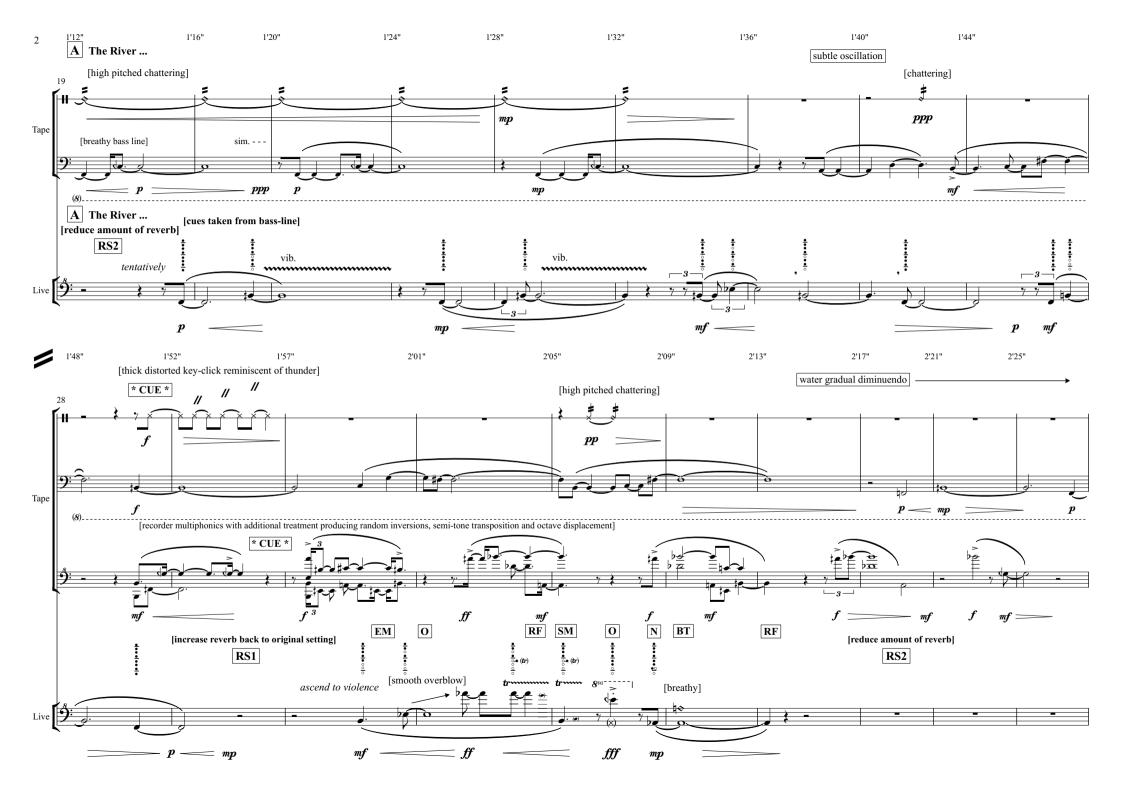
28"

32"

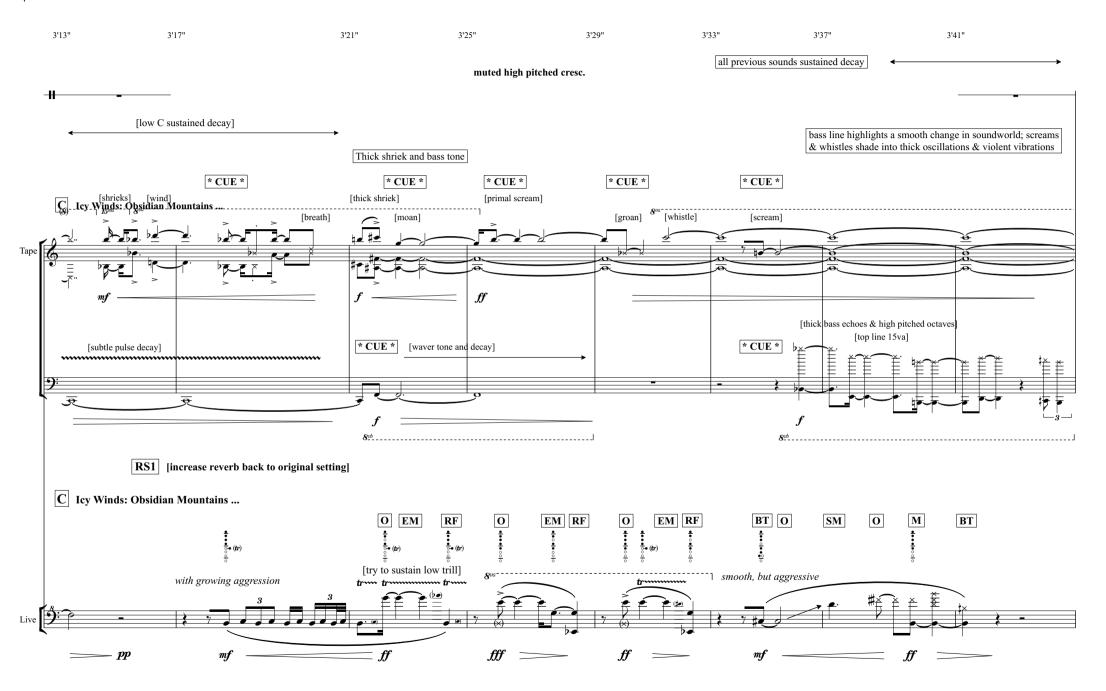
24"

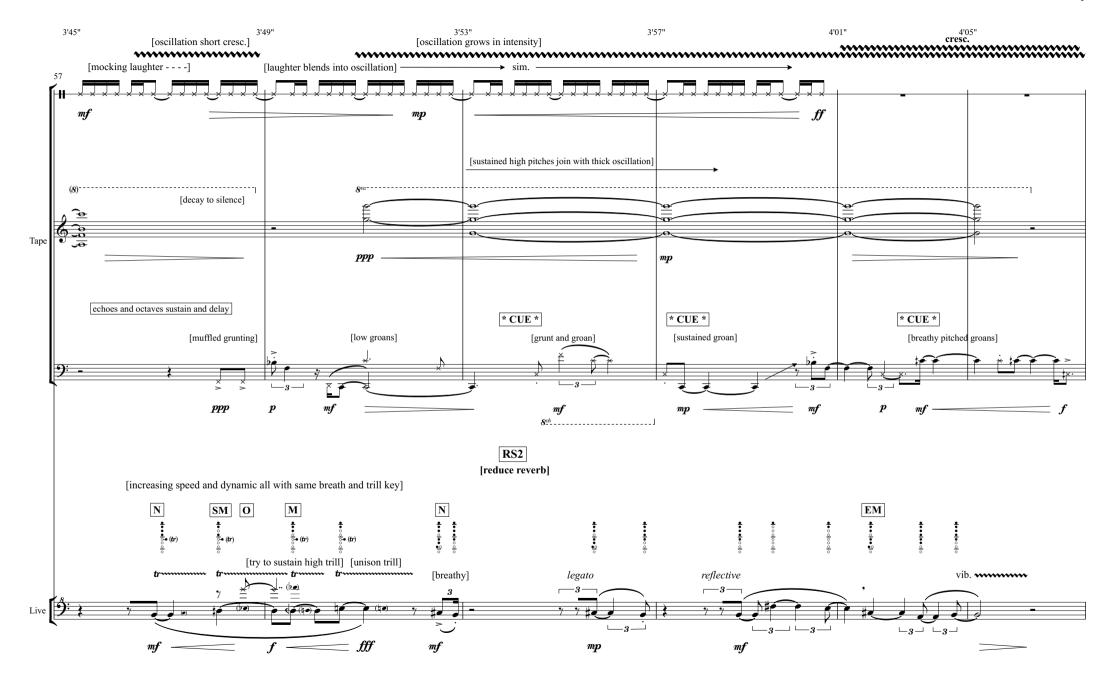
J = 60 A Soul Awakes: An empty space ...

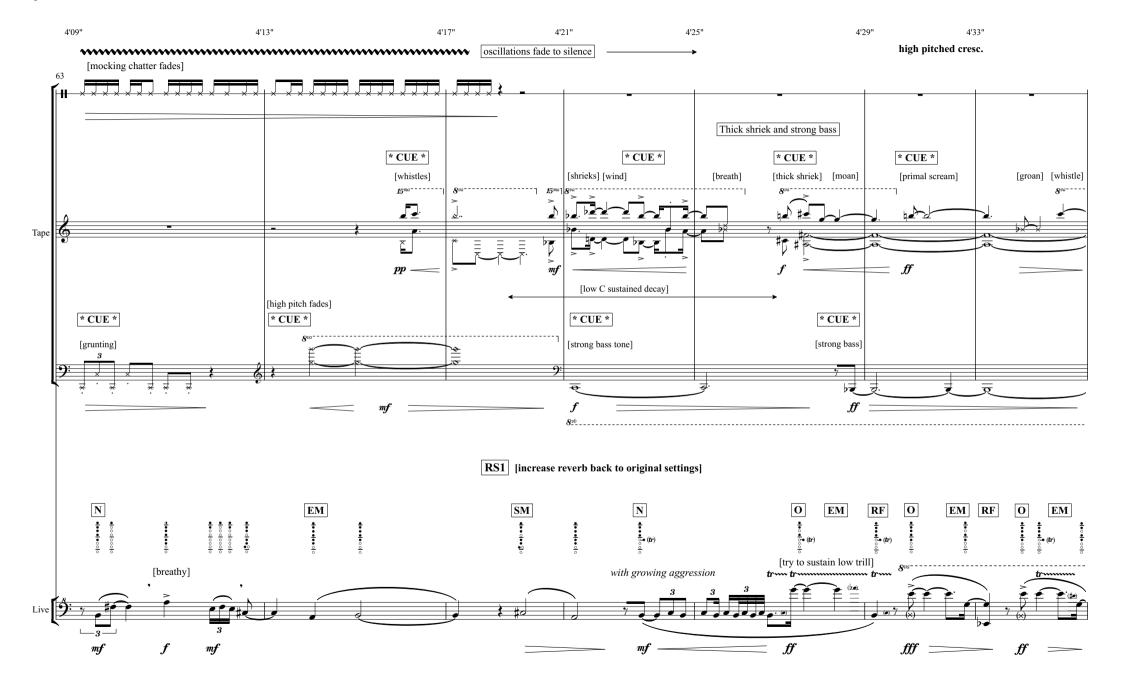


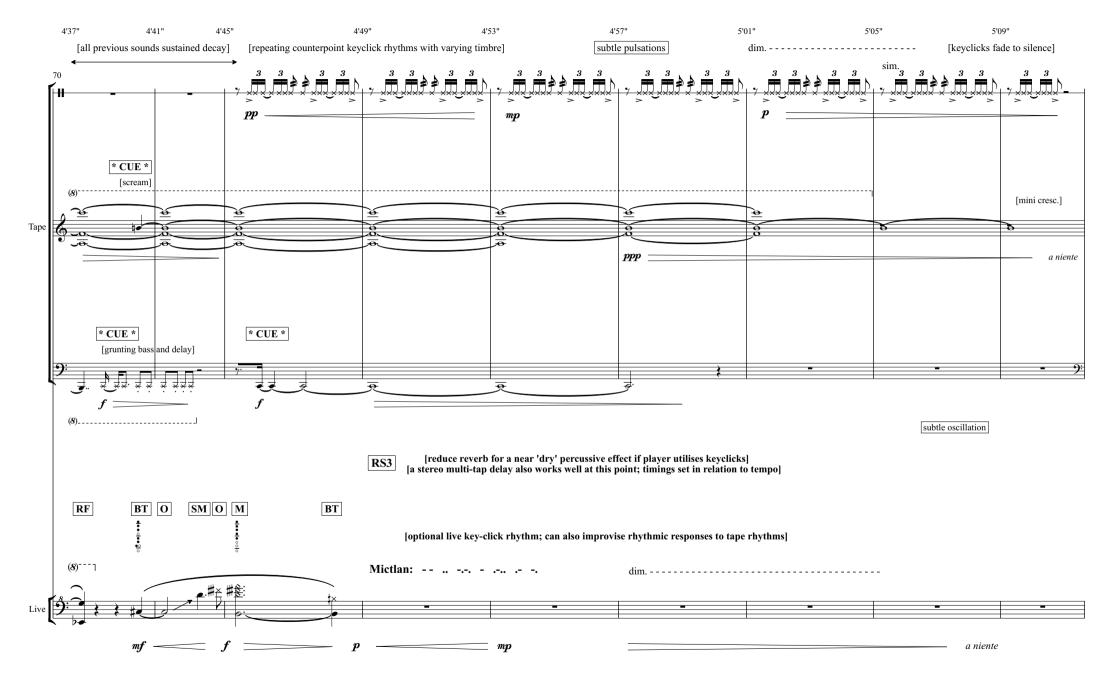


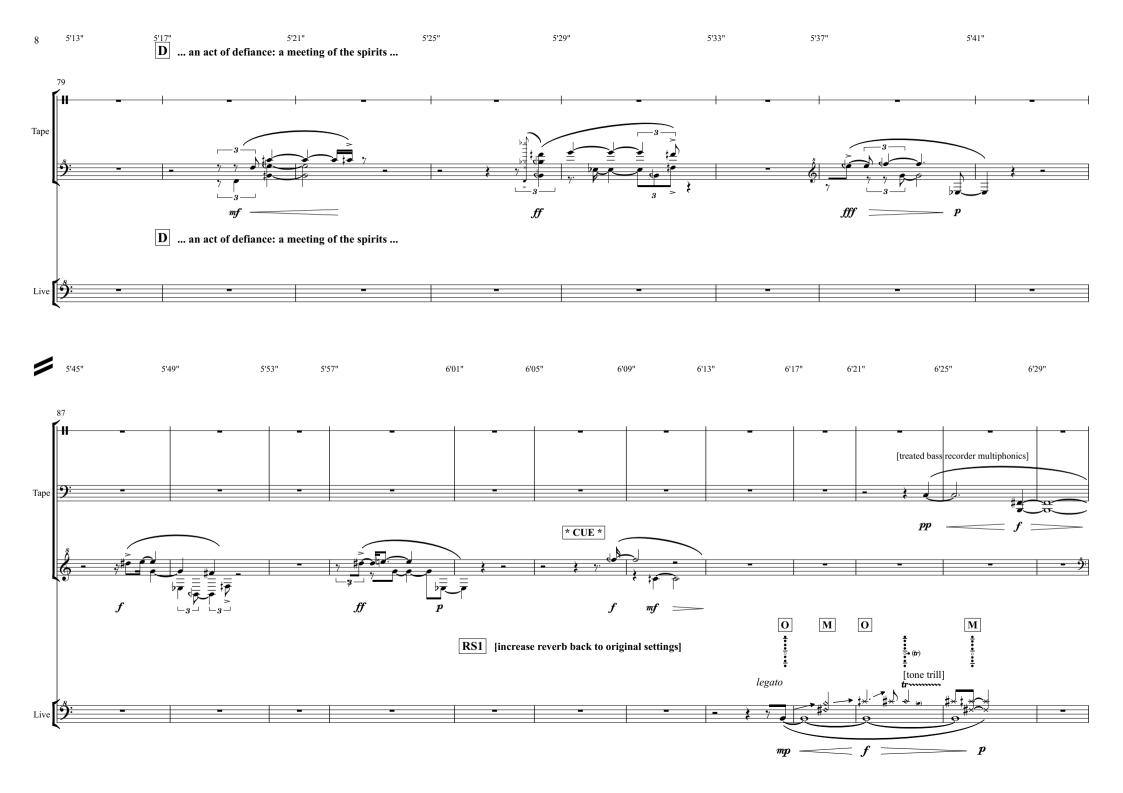
2'29" 2'33" 2'5 **B** A Soul: A Reckoning ... 2'37" 2'41" 2'53" 2'57" 3'01" 3'05" 3'09" 2'45" 2'49" 38 Highest audible range unison C# - F# fluttering drones fade from silence to subtle crescendo at bass cue water sound drifts away faint water and bird song [subtle pulse cresc.] * CUE * [bass fades] * CUE * [very quiet chanting] sim. - - -Tape * CUE * [below natural range bass recorder bass-line] *ppp* — *pp* [phonic fades to silence] Sustained multiphonic decay * CUE * [distant legato octaves with added reverb, delay and resonance fx] B A Soul: A Reckoning ... EM [cues taken from taped bass line] with growing confidence lyrical



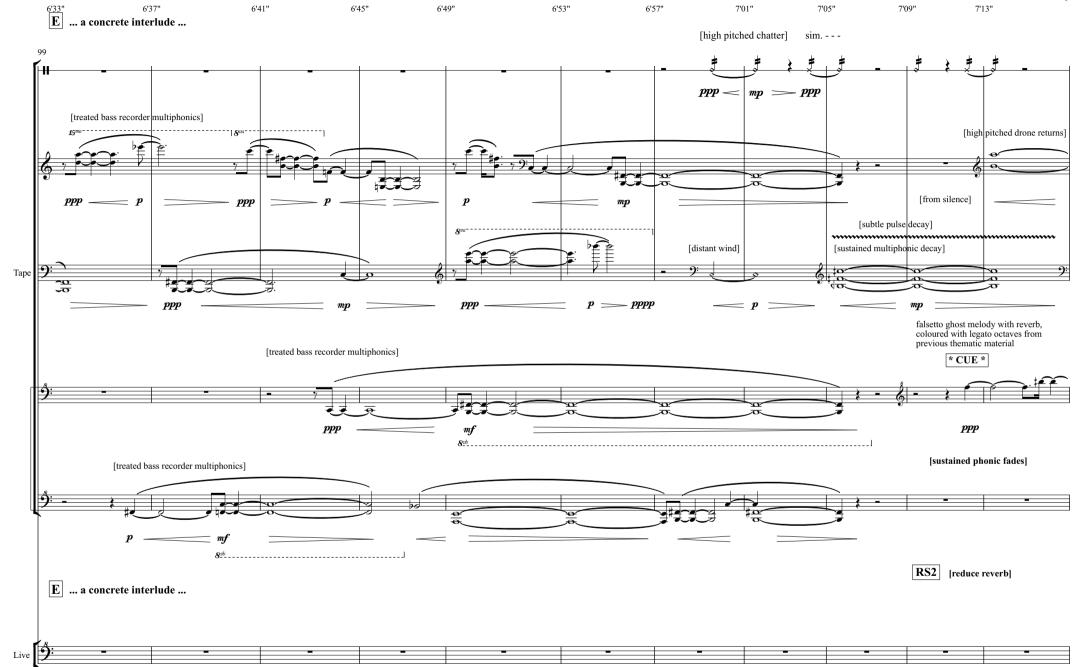


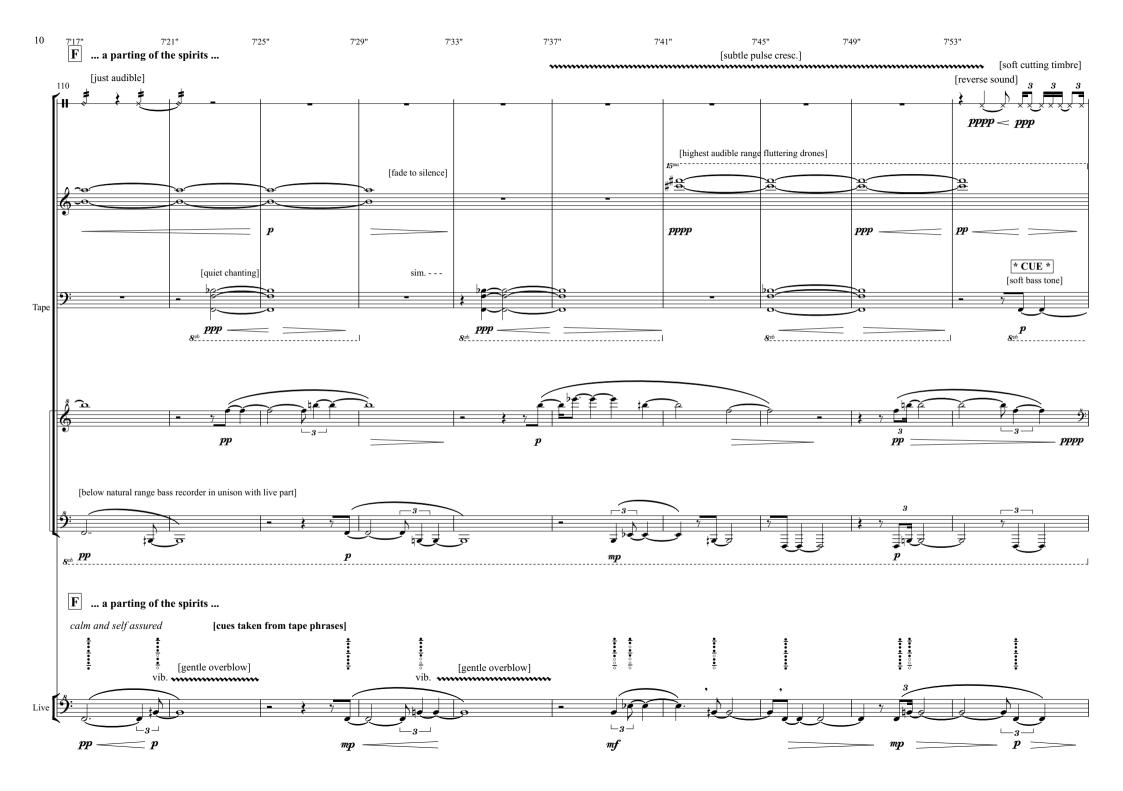


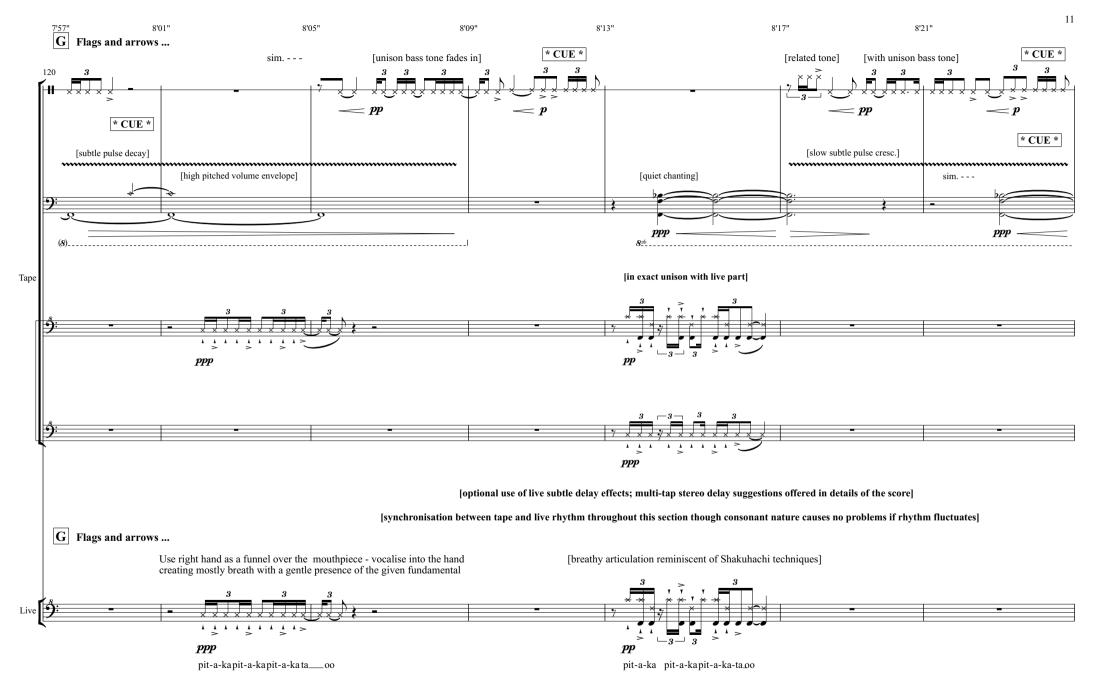




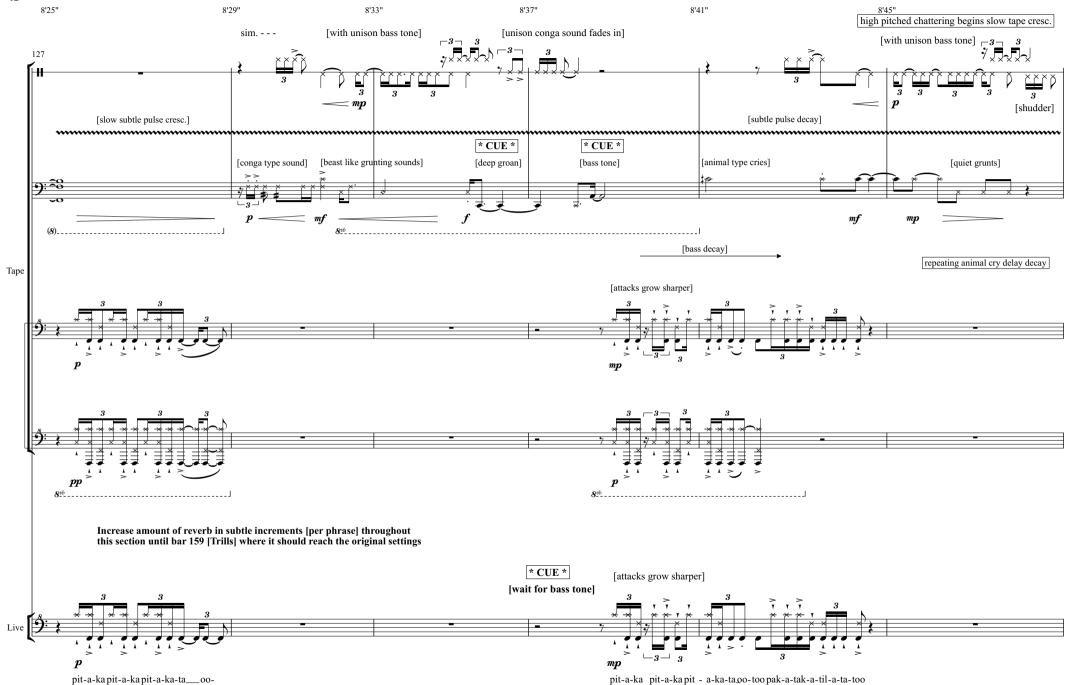


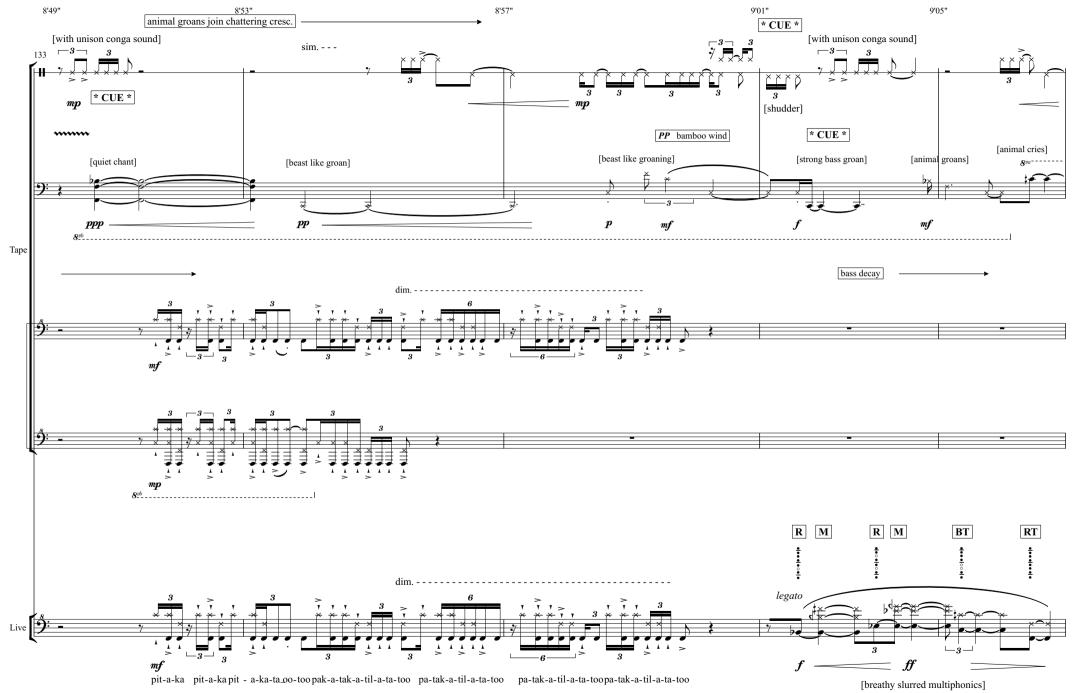


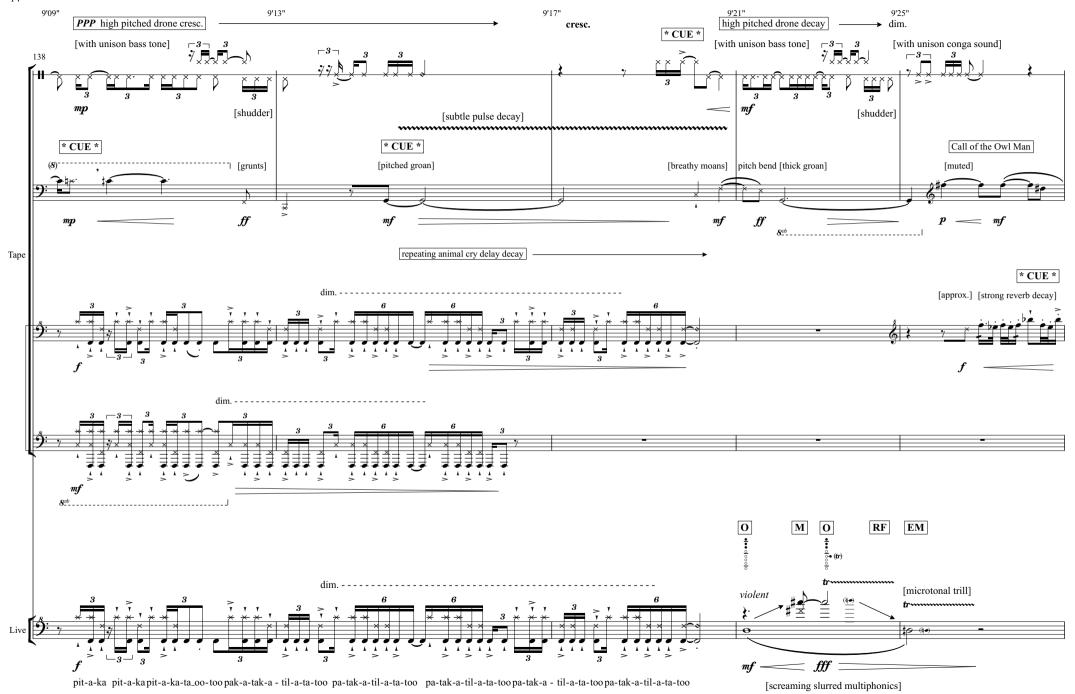


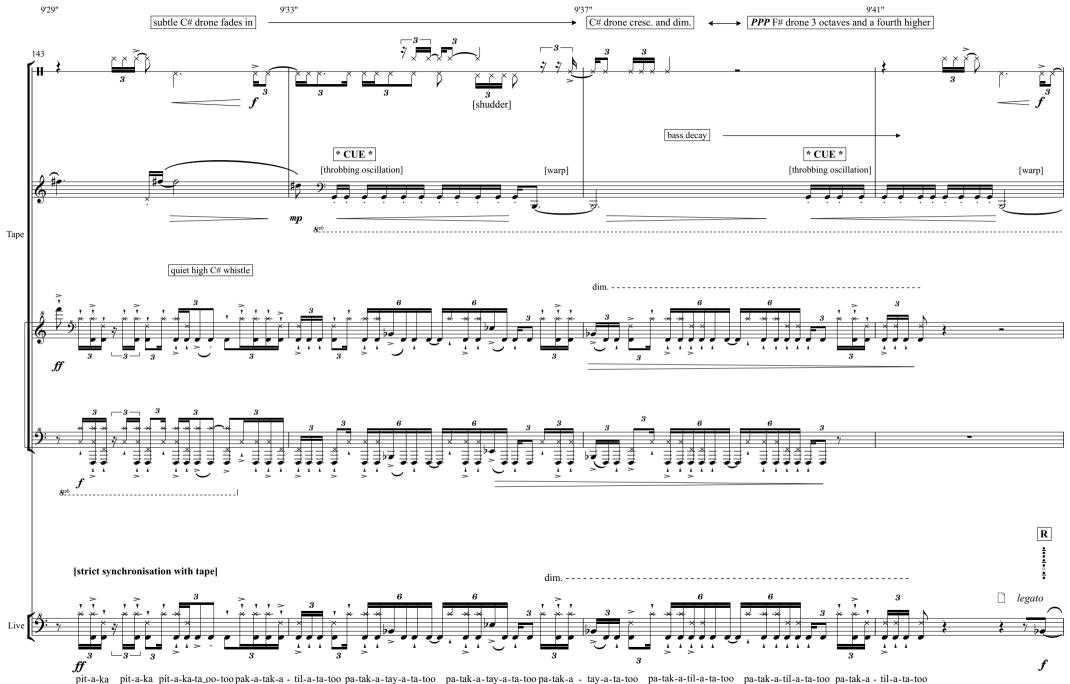


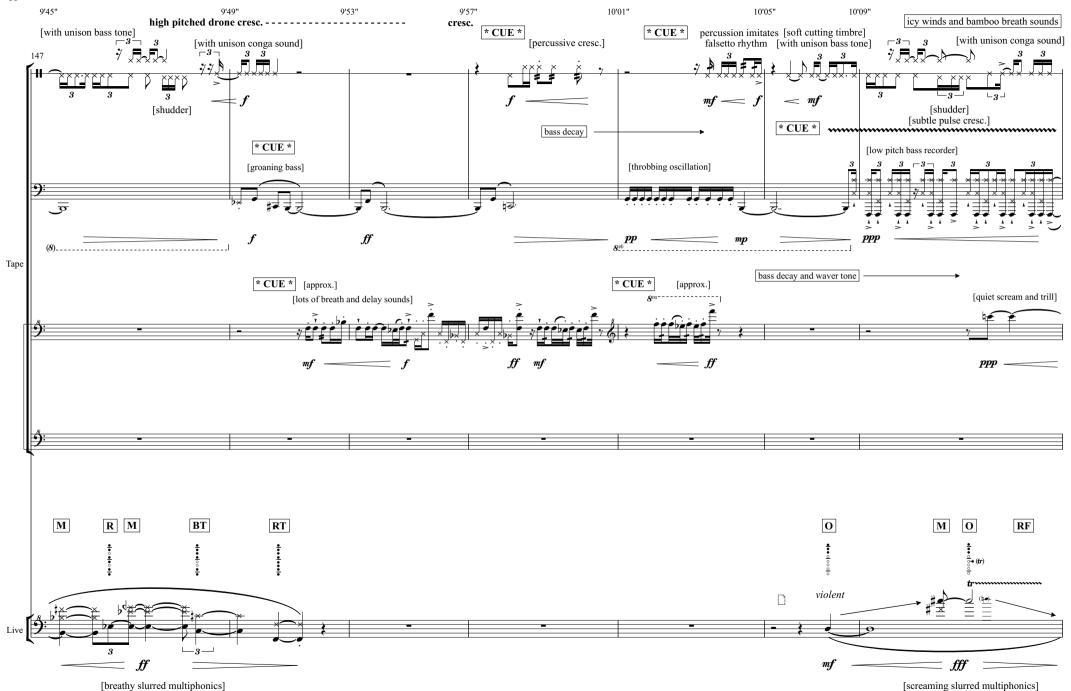
The above phrasing is all voiced from the fundamental of F. Through a combination of embouchure and articulation the harmonic series of the fundamental can be explored. I have given a practical example, but many variations can be utilised and the presence of an A natural and high Eb [also available from the F fundamental] may be considered.

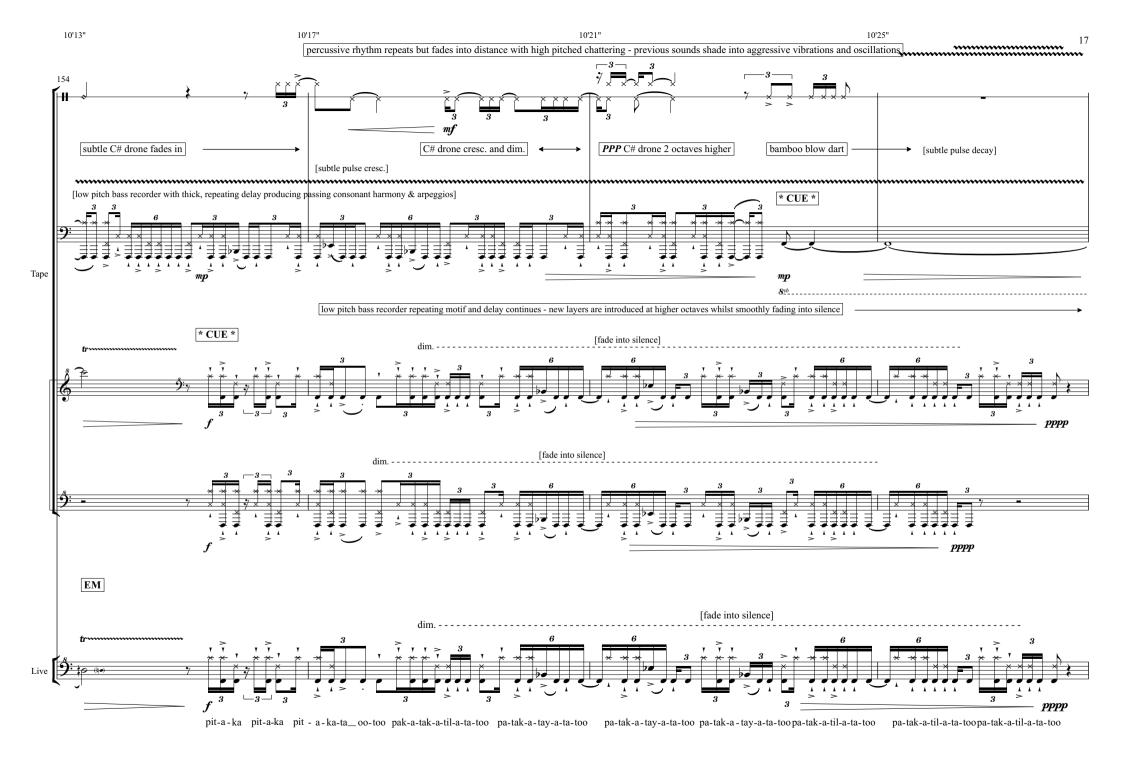


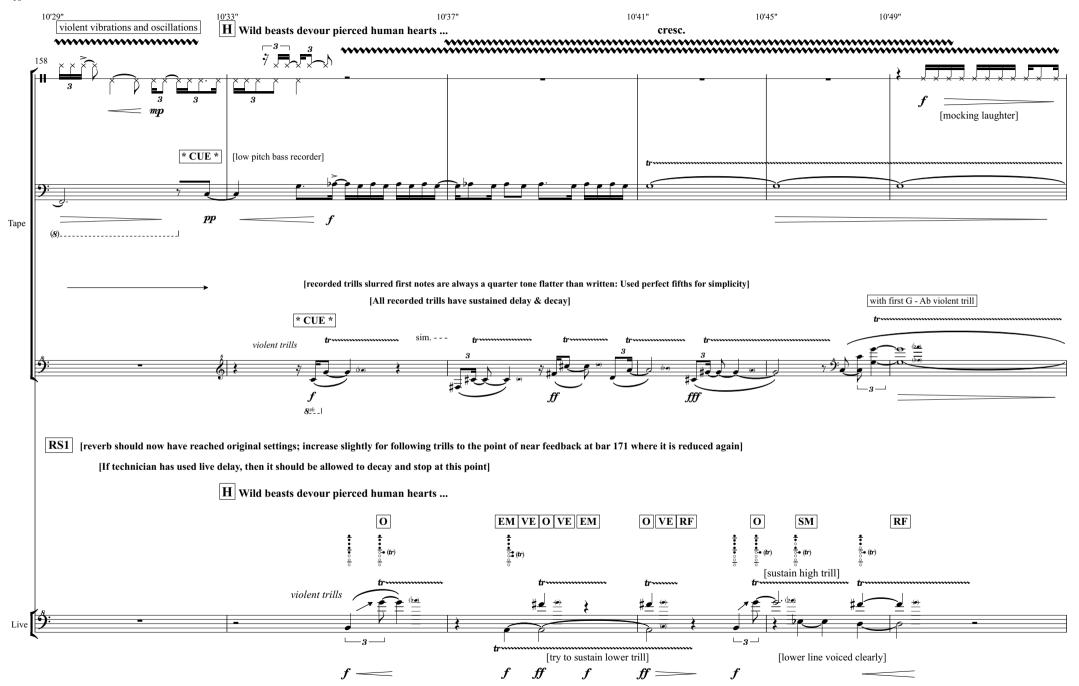


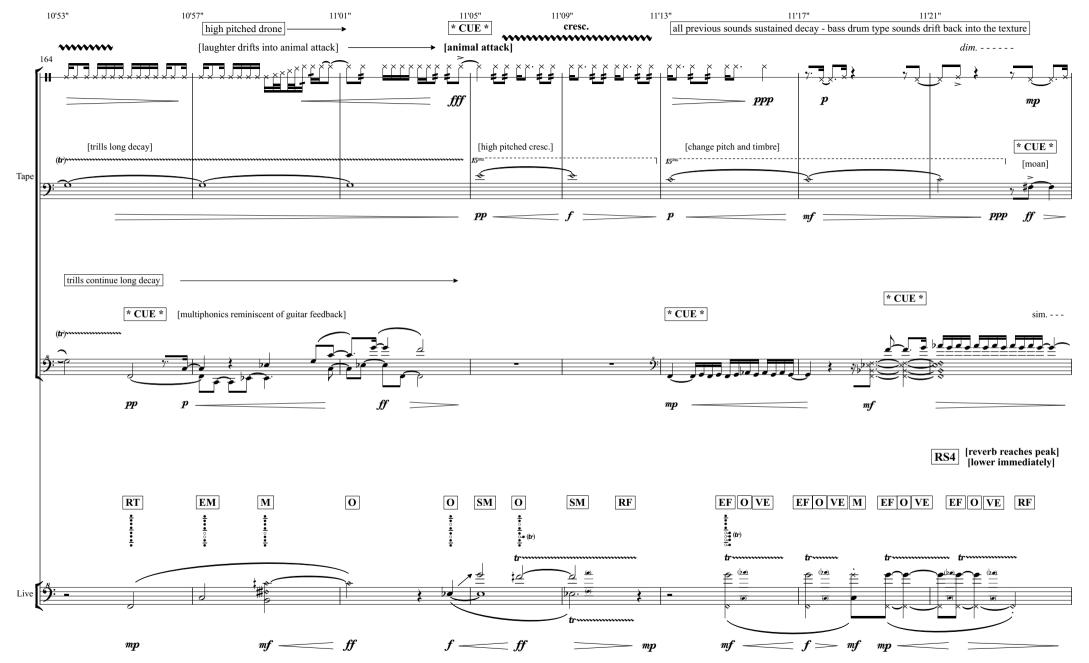






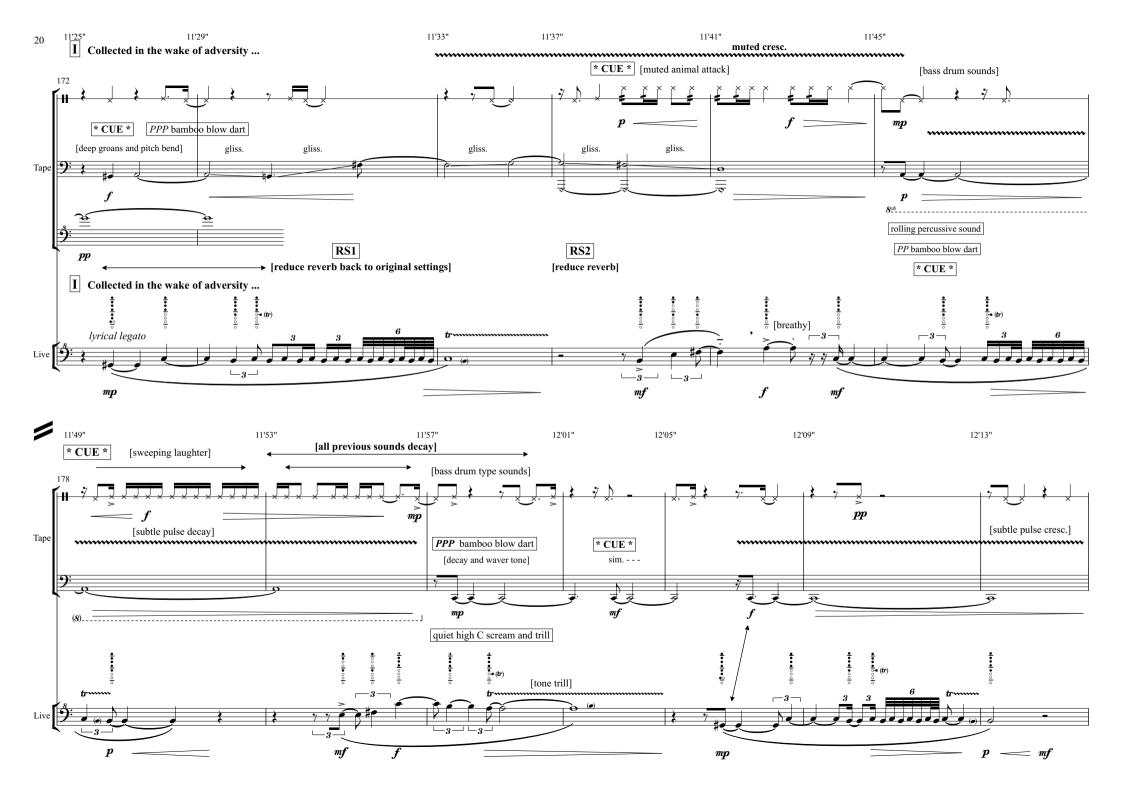


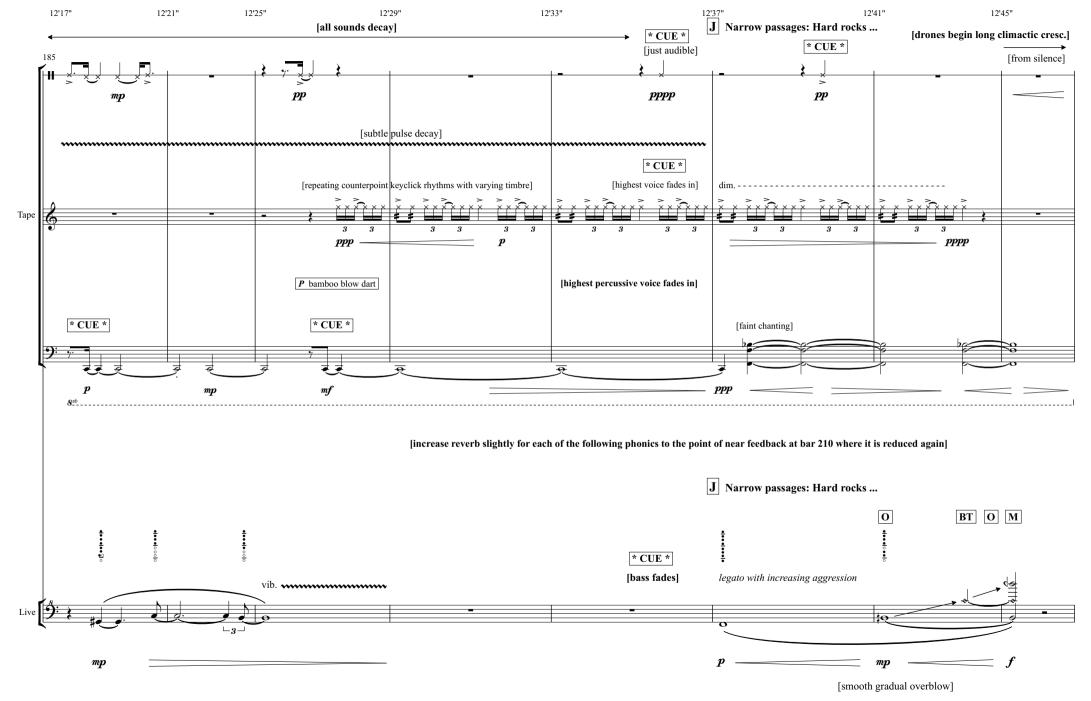


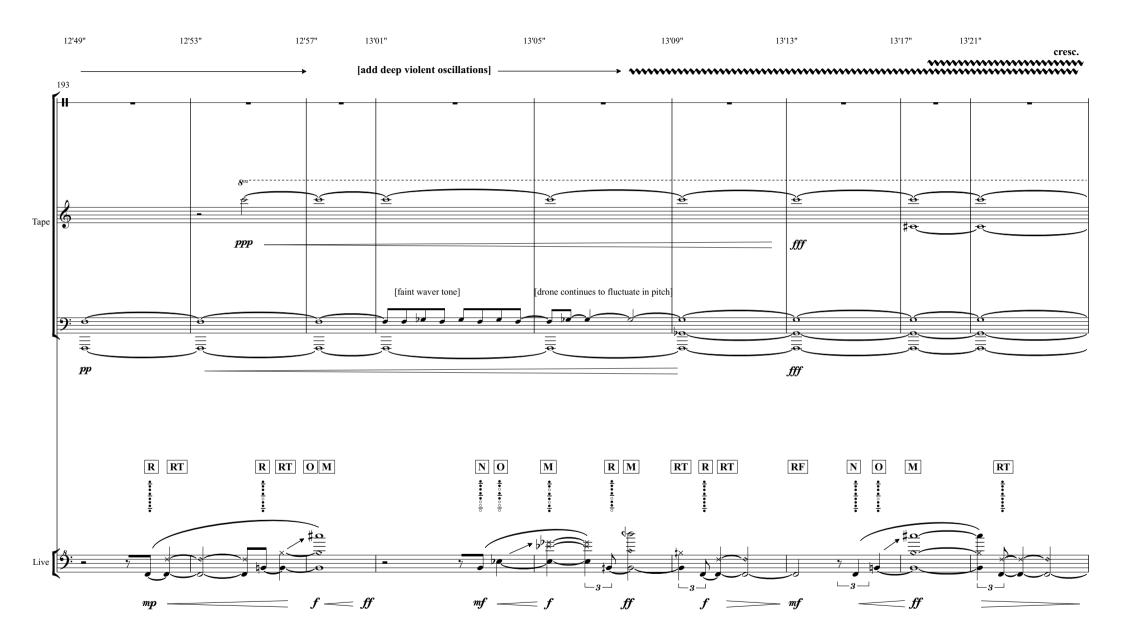


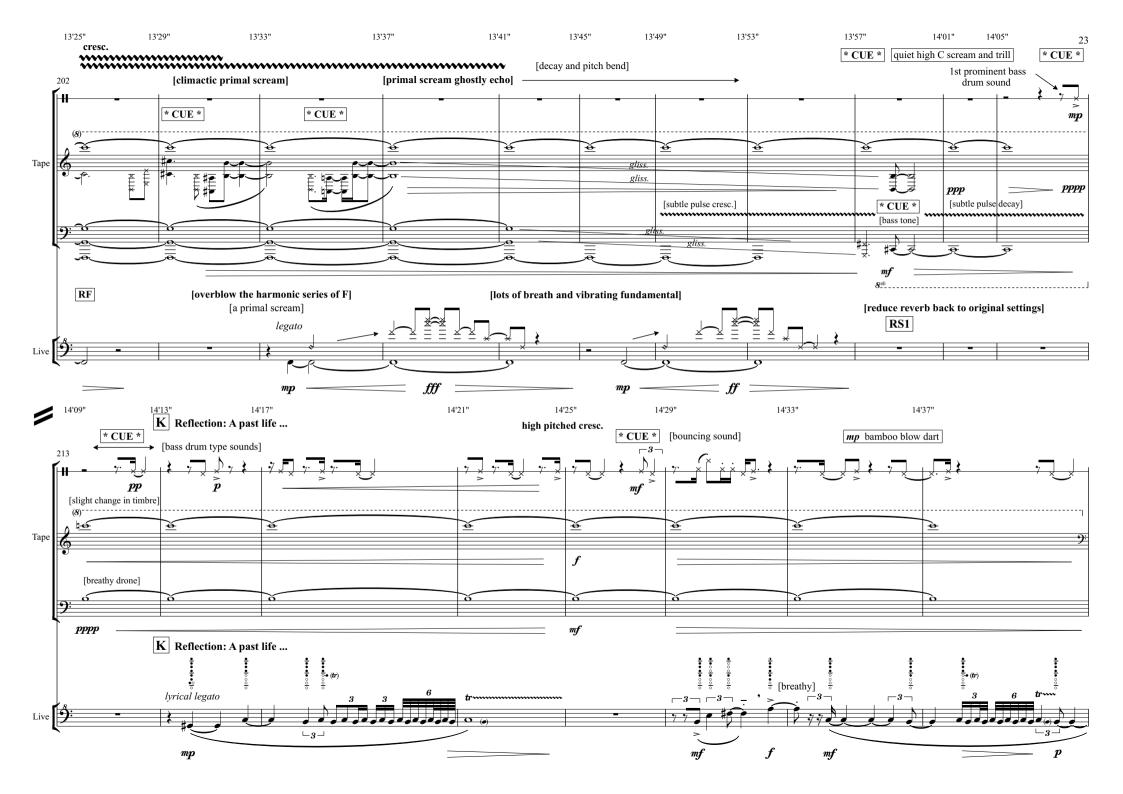
[fluttering microtonal trills]

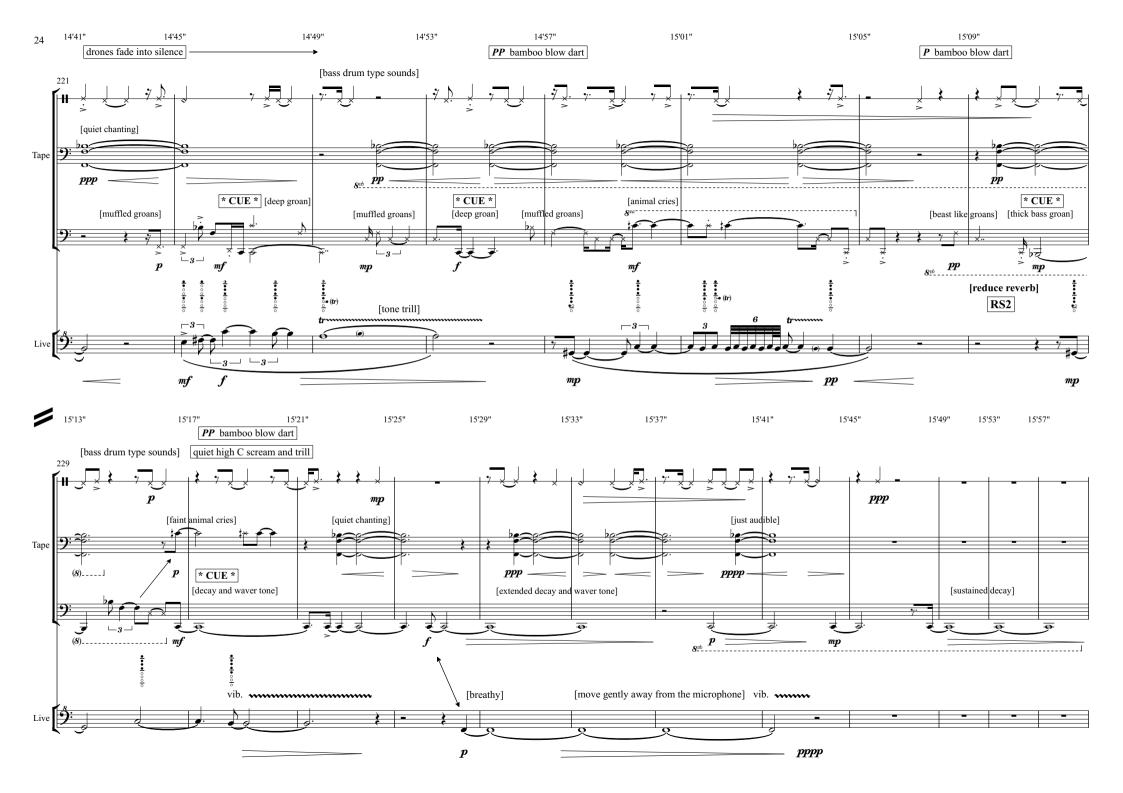
[approximately 2 events separated by staccato multiphonic]

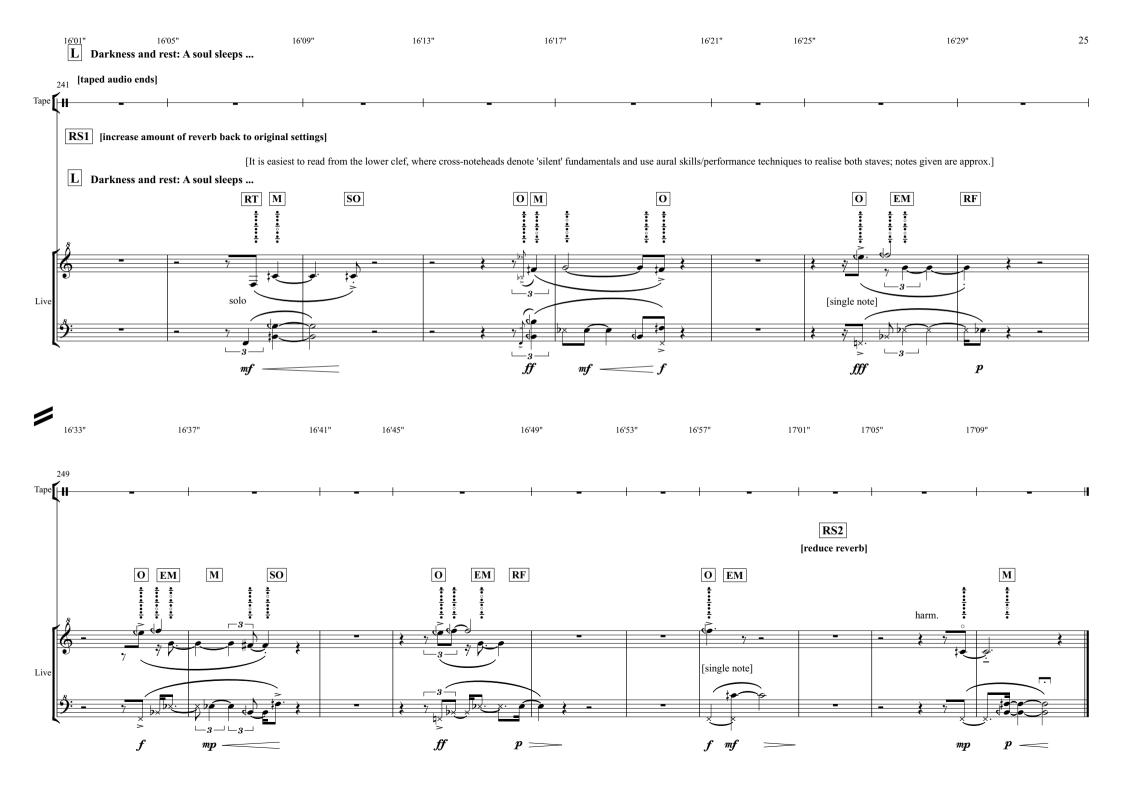












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