

AGORA electroacoustic sound theatre
Natasha Barrett 2000-2003

Music: Natasha Barrett

Text: Sound Poetry created from selected Old Norse, Old English, Norwegian and English extracts. Compiled by Natasha Barrett

Installation design: Natasha Barrett, Birger Sevaldson, Ocean North, Øyvind Hammer

Technical design: Natasha Barrett

Addition programming and electronics: Øyvind Hammer

Preliminary pilot project commissioned by BEK with funds from the Norsk Kulturråd.

Installation design and construction funded by the Fond for Lyd, Bilde and the Norsk Kulturråd and Mésen.

AGORA: a one hour electroacoustic work involving live soprano, sound-making installation and dynamically spatialised electroacoustic sound.

"Agora" in classical Greece: a political, economic and social meeting place. The AGORA-project, a meeting place on three levels: a theatrical study of simultaneous psychological states; an electroacoustic score; a convergence in time and place of three elements - theatre, installation and electroacoustic sound- originally presented independently. Despite the immense differences between each of these elements, they are united in the AGORA premises.

The technology: cohesion through a common computer model

A computer "collision avoidance algorithm" was designed and the time developing process and pattern visualised. In this model, virtual "agents" or virtual people are each given goals and personalities that determine how they can move through the virtual space filled with obstacles. The resulting time-developing trace was used as a template for second-order ambisonics sound spatialisation, sound transformation and for physical installation design. The virtual model therefore became a real manifestation in the performance space.

The installation and electromechanics

The installation is constructed from aluminium, fabric and plastic membranes. The elements are modular and allow for adjustments to suit each space.

Two types of computer controlled acoustic sound sources are integrated into the electroacoustic composition and the installation:

- (a) Small electronic actuators receive voltage inputs from audio amplifiers. These devices input sound making vibrations into eight membranes that serve to amplify and colour the audio input.
- (b) Computer controlled electromagnets are used to hit long aluminium bars (3 to 6 meters long) suspended above the audience. The audio result is a series of strongly resonant bar-chimes.

The electroacoustic music

The electroacoustic work is projected over 11 to 14 loudspeakers. Over a central hexagon of loudspeakers sound spatialisation is pre-encoded / pre-composed with ambisonics technology. Over the remaining loudspeakers, traditional sound diffusion from a stereo source is performed in the space. A computer plays the electroacoustic material, controls the electromechanics, distributes the soprano's amplified voice and provides the soprano with a synchronised guide-track.

For images, technical descriptions and detail on the three AGORA elements:

<http://folk.uio.no/natashab>

<http://www.notam02.no/~natashab>

AGORA – performance instructions

Technical requirements:

1. G4 Macintosh computer
2. MAX/MSP patch and audio materials (contact composer).
3. 2 GB hard disk space
4. 16-channel sound card
5. MIDI interface
6. At least 10 loudspeakers (6 matching)
7. Radio microphone and headphone

The performance score contains the soprano vocal line and information on timing and synchronisation in relation to the tape part. If the directions are followed, the parts should easily fit together.

The soprano is provided with a headphone guide track containing tempo, rhythmic, pitch information and cue points as necessary. All information is sent from the main computer.

For computer materials and further technical information contact: natashab@notam02.no

The foundation

An electroacoustic work where spatial information is the structural driving force.

A physical construction emphasises the sonic space and guides the solo performer.

Acoustic resonating objects articulate the spatial electroacoustic score and sonically unite human and computer sound.

To consider sound production, spatial delineation and theatre as interdependent elements.

The music and the drama

Different psychological and physical conditions are developed, each of which embody a different spatial character in electroacoustic sound activity and physical presence of the performer:

- Forced: fettered, trying to break free but continuously blocked.
- Fear: surrounded by evil. In this state the performer attempts to aurally 'confide' the fears with parts of the installation. This sound is later replaced in the space through use of electromechanics.
- Play: delight and mischief. Playing like a strange creature rather than as a child. Simultaneously describing and embodying the concept of play.
- Socially restrained and refined: a calm interaction with the sound-space, telling an unknown story and explaining how unknown things were.
- Longing: a direct expression of longing containing anguish and sadness.
- Anger: a direct expression of rage integrating performer and electroacoustic sound-theatre.

In AGORA the spatial sound-world is the driving force for a psychological progression meeting outer and inner resistance: from confusion and fear, to play, explanations and understanding, to longing and anger, and finally a synthesis of these elements. The soprano articulates the vocal and spatial 'tip of the ice-berg'. The electroacoustic part expresses a multiplicity within which the soprano is a singularity.

Text

Fragments of text from Norwegian (Ibsen, Obstfelder, Wergeland); English (Poe, Lewis Carroll, Wordsworth); Old English (extracts from the Exeter Book and other Old English texts from the 9th Century); and Old Norse (extracts from the Gamle Edda) are the only libretto elements. These fragments have been selected in their sparsity to embody the six character conditions and to emphasise the timelessness of AGORA through a composed sound poetry.

Text extracts used in AGORA and their contexts:

ENGLISH

Extract: The fetters of a dream, opposed to love.

Context: WORDSWORTH - LAODAMIA

That self might be annulled: her bondage prove
The fetters of a dream, opposed to love."----

Extract: And evil Spirits 'may' our walk attend

Context: WORDSWORTH - ECCLESIASTICAL SONNETS, 1821-22.
XVIII. APOLOGY

NOR scorn the aid which Fancy oft doth lend
The Soul's eternal interests to promote:
Death, darkness, danger, are our natural lot;
And evil Spirits 'may' our walk attend
For aught the wisest know or comprehend;
Then be 'good' Spirits free to breathe a note
Of elevation; let their odours float

Extract: 'Twas brillig, and the slithy toves
Did gyre and gimble in the wabe

Context: Lewis Carol, Alice in Wonderland

Extract: And what is to gyre and gimble?
To gyre is to go round and round like a gyroscope.

Context: Lewis Carol

Extract: On desperate seas long wont to roam,
Thy hyacinth hair, thy classic face,

Context: EDGAR ALLAN POE (1809-1849) - TO HELEN
On desperate seas long wont to roam,
Thy hyacinth hair, thy classic face,
Thy Naiad airs have brought me home

To the glory that was Greece,
And the grandeur that was Rome.

Extract: Get thee back into the tempest and the Night's Plutonian shore

Context: EDGAR ALLAN POE (1809-1849) - THE RAVEN

"Be that word our sign of parting, bird or fiend!" I shrieked, upstarting--
"Get thee back into the tempest and the Night's Plutonian shore!
Leave no black plume as a token of that lie thy soul hath spoken!
Leave my loneliness unbroken!--quit the bust above my door!
Take thy beak from out my heart, and take thy form from off my door!"
Quoth the Raven "Nevermore."

NORWEGIAN

Extract: Tusende Gange har du kuget og tvunget os.

Context: IBSEN- PEER GYNT

Vi er Sange;
du skulde sunget os!
Tusende Gange
har du kuget og tvunget os.
I din Hjertegrube
har vi ligget og ventet;
vi blev aldrig hentet.
Gift i din Strube!

Extract: Tro ei, hvert et Skratt er Latter.
Satan kun og Sorgen skratter.

Context: HENRIK WERGELAND - SORGENS SKRATT

Tro ei, hvert et Skratt er Latter.
Satan kun og Sorgen skratter.
Englen smiler, Glæden leer.
Ak, men Latterklngen er
Glædens Flugt paa lette Fjer
ifra Adamshjertet atter.
Fly, Secund! og Himlens Datter
flaggrer ei om Læben meer.

Extract: Hei! Se mine hvide arme! Mit hÅr flyver, hei! Leg med mit hÅr, orkan!

Context: Sigbjørn Obstfelder - ORKAN

Blæst, storm, orkan!

Nøgen vil jeg bade mig i din susen!

Hei! Se mine hvide arme!

Mit hÅr flyver, hei!

Leg med mit hÅr, orkan!

Extract: Lidt efter hvert kom også vi to til at samtale for os selv, vi gled bort fra de andre ved samme bord.

Context: Sigbjørn Obstfelder: KORSET. EN KJÆRLIGHEDSHISTORIE

Extract: Hans Længselsuk forfulgte den Sky,
som fløi mod Vestenegnen.

Context: HENRIK WERGELAND - SAMLEDE SKRIFTER, 1833-1841

1DEN FANGNE BONDE PAA AGERSHUUS

Der sad en Fange fra Morgnens Gry

til Aftenrødens Blegnen.

Hans Længselsuk forfulgte den Sky,
som fløi mod Vestenegnen.

Extract: Når tordenen ruller,
og stormene brøler om hevn, om had,

Context: Sigbjørn Obstfelder: Skovviser, nr. 2

Når tordenen ruller,

og stormene brøler om hevn, om had,

når mørket sniger sig rundt vor hytte,

da må du være hos mig.

When the thunder rolls,

and the storms roar for revenge, about hatred,

when the darkness sneaks around our cabin,

then you must be with me.

OLD NORSE

Original: vissi sér á höndum

höfgar nau>ir,
en á fótum
fjötur of spenntan.

Translation:

he felt on his hands pressing, heavy bonds, and on his feet fetters clasped

Original:

flví a> óvíst er a> vita

hvar óvinir

sitja á fleti fyrir.

Translation:

He can never tell

what foes may sit

Awaiting him in the hall.

Original:

- mærr of lék

á mars baki. -:

Translation:

Mock spake the prince

As he sat on his steed:

Original:

Ma>ur af manni

ver>ur a> máli kunnur

en til dælskur af dul.

Translation:

One man from another

is known by his speech

The simpleton by his silence.

Original:

"Mik veit ek á moldu

munarlausasta;

Translation:

"I know that I must be

the most miserable on earth"

Original:
festur mun slitna
en freki renna.

Translation:
Bursting his fetters,
the wolf runs

OLD ENGLISH

Original:
sifflan hine Ni>had on nede legde,
swoncre seonobende on syllan monn.

Translation:
Once Nithad laid restraints on him,
supple sinew-bonds on the better man.

Original:
æten fla egsan. Wæs se atola beforan,
se inc bam forgeaf balewe geflohtas.

Translation:
The foul fiend stood beside you,
and gave you evil thoughts.

Original:
middelnihtum, ma>mæhta wlonc

Translation:
at midnight, making its merriment seen,

Original:
mægenagenda, mine gefræge,

Translation:
though sturdy and strong, as stories tell me,

Original:
Wit flæt gecwædon cnihtwesende
ond gebeotedon wæron begen fla git

Translation:
We twain had talked, in time of youth,
and made our boast, -- we were merely boys,

Original:
Sæt secg monig sorgum gebunden,
wean on wenan, wyscte geneahhe

Translation:
Many a man sat surrounded by sorrows,

Original:
Ac her forfl bera>; fugelas singa>,
gylle> græghama, gu>wudu hlynne>,
scyld scefte oncw>. Nu scyne> fles mona
wa>ol under wolcnum. Nu arisa> weadæda

Translation:
but men are making an attack. Birds of battle screech, the gray wolf howls,
(spears rattle, shield answers shaft.)

Original:
>a wæs on healle wælslihta gehlyn;
sceolde celled bord cenum on handa,
banhelm berstan (buruh>elu dynede),

Translation:
the hollow shield called for men's hands,
helmets burst; the hall floor boomed.

Installation

Electroacoustic
and click
/ guide track
1 BAR LEAD

Click track, 0'34.4
one bar lead in.

$\text{♩} = 146$ *noisy texture*
CLICK TRACK COUNTS BEATS / FIRST + OTHER

1

mf

f

1'02.34

Soprano

[ff] d_rrr ee_m o_p_p z_d l v fff f_etters_sz [ff] ku_get og [ff] tvun_get

Spatial
instructions
Lighting
requirements

Feeling through the space as if blindfolded (eyes closed). Move randomly and react with a 'flinch' if touch any objects. Slow, but constant speed.

Lighting: State-1. fade to state--2 over 2'25.

cont.

1'25.7

1 BAR CUE

f

Exact text is less important than clear rhythm and articulation. Keep voice in low speaking range, (note dynamics result in a raised voice). Articulated and accented.

7

12

[op] ku_get og [ff] tvung [g] [v] ku_get og [ff] tvung [g] [op] ku_get og [ff] tvung

of a drea mmm

Ø tu s d g n ha d Ø k n g og t v n g Ø mmm tu s d g n Ø mmm g og t v n g

END TEXT

noisy texture

1'53.7

1 BAR CUE

(Give full duration on longer notes. Maintain some pitch suggestion on main system notes but not quite sprechstimme. Be free with ornamentation.)

13

Ø mmm g n ha d Ø mmm og t v n g Ø mmm n ha d Ø mmm t v n g

oppo_se_d

Ø ku_get og Ø tvun_[g] Ø ku_get og Ø tvun_get Ø ku_get og Ø tvun_get

19

cont. texture

FIRST METAL ATTACK IN TAPE.

(sustain downward gliss as long a possible)

mp

(approx.) 8

8

8

8

Ø os ku get Ø tvun get

the fetters of a dream, opposed to lo ve

(Lighting: slow fade to state-2 should be complete.)

1 BAR LEAD + METRO FIRST BEAT + OTHER BEATS

3'44.6

30

On the breath

mf

f

mf

f

Open eyes with first note. Stationary, turn to face audience.

36

SLOW TEXT

(BROKEN TEXT)

SLOW TEXT → NORM. TEXT

swaying, with microtones

mf

f

mp

mf

mp

be annulled

be annulled

her

bo

dage

prove

mm

Slowly leave front to exit rear right. Allow vocal timing to influence body motion.

42

type cont.

METRO STOPS

Vocal section 1 ends 5'06

gasp!

har

Off stage (rear right)

5'41: full installation metal attack.

7'04 "WIND" SOUND-TYPE

d=120

Click track:
one bar lead in.

TEXTURE WITH ARTICULATIONS →

Section begins 8'03

1 {clear text in tense spoken voice}

NO METRO, CUES ONLY

BEAT LEAD 1500ms

4/4 WARNING
INTRO

mf

BEAT LEAD
1500ms

A musical staff in treble clef with a key signature of one flat (Bb). The staff contains several measures of music, primarily consisting of quarter and eighth notes. Below the staff, the lyrics "Tro ei" and "hvert et" are written. Above the staff, there are handwritten annotations: "4/4 WARNING INTRO" on the left, "mf" (mezzo-forte) above a measure, "BEAT LEAD 1500ms" above a measure, and "BEAT LEAD 1500ms" above a later measure. A handwritten note "Section begins 8'03" is also present.

Motion to layers in figure 1, where each layer corresponds to low, mid, or high note on the upper staff.

Lighting: state 3

A musical staff in treble clef with a key signature of one flat (Bb). The staff contains several measures of music, primarily consisting of quarter and eighth notes. Below the staff, the lyrics "Skratt", "The Soul's", "er", "Latter", and "eternal interests" are written. Above the staff, there are handwritten annotations: "11" above a measure, "1500ms" above a measure, "8'27.1 (ha ha ha)" above a measure, "1500ms" above a measure, "1500ms" above a measure, "1500ms" above a measure, and "1500ms" above a measure. A large, diagonal watermark "NB noter" is overlaid on the staff, with the text "This music is copyright protected" written below it.

A musical staff in treble clef with a key signature of one flat (Bb). The staff contains several measures of music, primarily consisting of quarter and eighth notes. Below the staff, the lyrics "to promote", "Satan kun", "Death", "og sorgen", "darkness", "[fff]", and "danger" are written. Above the staff, there are handwritten annotations: "1500" above a measure, "1500" above a measure, "1500" above a measure, "1500" above a measure, "1500" above a measure, "1500" above a measure, and "1500" above a measure. A large, diagonal watermark "NB noter" is overlaid on the staff, with the text "This music is copyright protected" written below it.

31

skratter [fff] our [fff] Englen smiler [fff] natural lot [fff] and evil [fff] [fff] [fff]

41

Glæden leer Spirits [fff] [sk] vi [spi] i ri t [spi] i ri t [sk]

Click track indicates start and provides pitch reference

Motion to layers as marked, as is possible with vocal material. Concentrate on speaking into the sound making membranes.

49

l [sp] i ri t [sk] vi l [sp] i ri t vi [sk] l [skr]

57

500 →

500 →

500 →

500 →

500 →

500 →

[sp] i ri t

[skr]

vi

[skr]

vi

skratt

skra

vi

67

500 →

No cue

500 →

500 →

10'33.35

Sing into the rests as necessary to increase clarity and extend the textured glissandi. Maintain accurate start time to each articulation.

vi

skratt

vi

vi

77

500 →

10'47.75

METRO COUNT 4/4

vi

10'52.15

PITCH DRONE WEAWE

(END TEXTURE) METRO 4/4 →

86

ha

mf

inhale sharply

audible end of breath

don't rush the text (extend to full written duration)

Sor gen skra a tter may y

Death, darkness,

Stop at current location, turn to face audience.

Lighting: fade to state-1.

(quiet cries) cont. →

11'19.14

(vocal quality on tape)

97

Articulated, fragmented, contrast to next

inhale sharply

freely swaying

mp

audible end of breath

danger, evil Spirits, walk attend

[f] ku_get og [f] tvun_g [op] ku_get og [f] tv sh_d_d d ay sh_d_d da y

Head turn away from audience (brief change of character)

11'29.6

500ms CUE

105

mf

Tro ei hvert et Skratt er latter saten kun og

METRO LEAD (GP)

Resume head position

115

11'56.6

mp s or ge n Spi ri ts

mf [s] O [g] O [sp] O_O O_O O_O O_O

Turn head away

122

12'13.6

then be good spi_rits free to breath he eath th

p

METRO LEAD

mp [fff]

Improvise broken texture, changing voiced-unvoiced timbre with tape. Do not work with pitched material.

Resume head position Begin slow walk, any direction.

130

CUE

CUE

CUE

to gim ble [l] [m] [fff] [l]

cont.

138

METRO LEAD (4/4)

(slower, broken texture)

[m]

[ff]

Cont.

146

rise to 'c'

METRO END

Vocal section 2 ends ~13'05.5

[m]

Move off stage

Solo installation: membranes with vocal source actuation and pre-prepared inputs. From 13'13 to ~15'22

154

tape ends 13'41

Section begins 15'26

Natural wind recorded with footsteps.

15'46.5

rapid vocal play

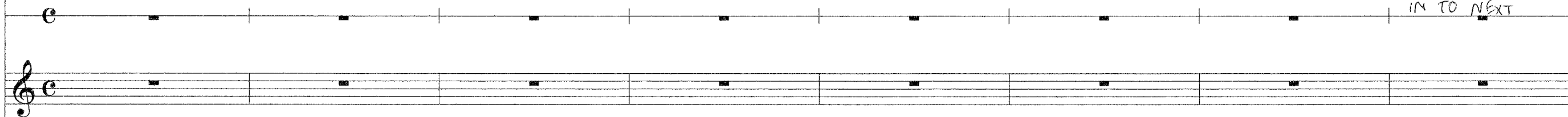
15'55.7

16'06

16'10 16'16

16'20

METRO 1 BAR LEAD
IN TO NEXT



Lighting: state-3

Vocal section 3 begins 16'29.6

'environmental' material with small vocal gestures.

Click track with articulations corresponding to vocal sync.

$\text{♩} = 180$

mp

twas wabe

twas wabe twas, Hei!

flyver hei twas, hei

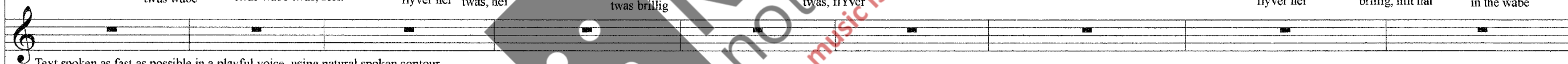
twas brillig

twas, flyver

flyver hei

brillig, mit hår

in the wabe



Text spoken as fast as possible in a playful voice, using natural spoken contour.
See further information in performance instructions.

Spatial motion as indicated in table 1 (a specified change of direction and speed with each new articulation).

cont. →

18

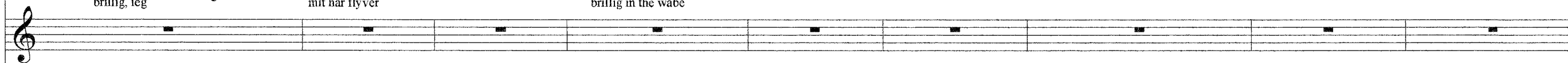
brillig, leg

leg med mit hår!

twas brillig wabe,
mit hår flyver

brillig in the wabe

METRO LEAD



16'53.5

27 With a more 'breathy' sound

mf

SINGLE BEEP CUE

wabe twas mit hår flyver twas brillig hår flyver Hei wabe in the wabe mit hår flyver Hei METRO LEAD SINGLE BEEP CUE gimble in the wabe

17'10.5

36

male voice: twas brillig and the slithy toves did gyre and gimble

Leg med mit hår Twas brillig, and the Hei! Se miNe

Always clear *mp* SINGLE CUE

METRO LEAD

Twas slithy gimble gimble, Leg med mit hår slithy toves, hvide arme

(Vocal texture-gesture cont. →)

45

did, Mit gyre, hår flyver gimble, hei in the, leg med in the wabe, mit hår twas brillig, orkan hei! METRO LEAD SINGLE CUE and the, se mine and the, se mine

55

Sung vocal in tape

17'33

cue

METRO LEAD

slithy toves, hvide arme!

did gyre, Mit hÅr

(excited)

METRO LEAD

cue

and gimble, flyver, hei!

LEAD

66

cue

mp (calmer)

in the, leg in the, LEg med

the wabe, mit the wabe, mit hÅr

LEAD

cue

Twass, Hei!

brillig, Se

and, mine

the, hvide slithy, arme

75

toves, Mit toves, Mit

LEAD

18'09.4

cue

Twass brillig Hei!

86

(lyrical pause in drone)

18'26.7

LEAD

CUE

and the slithy toves

LEAD

CUE

Se mine hvide arme!

99

LEAD

CUE

did gyre and gimble

LEAD

CUE

Mit hår flyver, hei!

in the wabe.

109

LEAD

CUE

Leg med mit hår, orkan!

(dimax) [18.58.6] (tape to 18.59) (silent tape)

119 Intonation as required for speed. (METRO RUNS BUT YOU CAN TURN IT OFF!) STOP PLAY OF TAPE IF RUNNING BELOW SPEED

mp LEAD

Twask slithy gimble twask gimble
gimble, hark flyver leg flyver leg

Twask wabe, flyver Hark flyver se Wabe, flyver And the, flyver Wabe, hei And the wabe, hei In the wabe In the wabe Twask and the, flyver hei [tch] -hark flyver leg flyver leg Twask wabe, flyver

Solo centre front, with score.

128

Hark flyver se Wabe, And the, flyver flyver [shta] And the wabe, hei In the wabe [tsh] Twask and the, flyver hei - slithy gimble twask gimble gimble, hark flyver leg flyver leg [sh] Hark flyver se [tcka] Wabe, hei And the wabe, hei In the wabe

137

In the wabe [fk] Twask slithy gimble gimble! hark flyver leg Twask wabe, flyver Wabe, flyver [ffu] Wabe, hei [ka] In the wabe Twask and the, flyver hei Twask wabe, flyver Twask slithy gimble gimble, hark flyver leg

146

sfz *f* *sfz*

Hår flyver se [tch] And the, flyver
And the wabe, hei In the wabe
Twass and the, flyver hei Twass slithy [shta]
Twass wabe, flyver [tsh]

Wabe, flyver And the, flyver Wabe, hei [sh]

START TAPE AT MARKER 1

155

(as fast as possible)

In the wabe Twass and [tcka] Twass slithy gimble twass gimble gimble, hår flyver leg flyver leg
(and)

Twass wabe, flyver [fk] Hår flyver se And the, flyver [ku] In the wabe

careful tape sync. 19'52.3 (Tape start)

LIVE CUT OFF BY TAPE

19'53.8

163

sfz

In the wabe [ffu]

'Muttering' with hand cupped over mouth?
Use eyes and body to mime scared-playfulness without moving feet.

SPILL OVER INTO RESTS, BUT MAINTAIN ACCURATE START TIMES.

LEAD

CLUE

Hår flyver se [tch] And the, flyver

ARTICULATIONS

muttering

Lighting: very slow change to state 5.

173

20'10.5

LEAD

ue

In the wabe Twas and [tcka] Twas slithy gimble, hår flyver leg

(and)

muttering

LEAD

183

20'21.3

ue

[tcka]

Twas slithy gimble, hår flyver leg

muttering

TEXTURED - GESTURE

191

20'33.9

LEAD

And the wabe, hei In the wabe In the wabe [fk]

Twas slithy gimble gimble, [ku] hår flyver leg

LEAD

DYNAMIC TEXTURE → cont.

202

Handwritten musical score for measure 202. The staff shows a melodic line with dynamic markings: *mf*, *f*, and *mp*. A handwritten *cue* is written above the first measure. A bracket labeled *mf* spans the first two measures. A bracket labeled *f* spans the next two measures. A bracket labeled *mp* spans the following two measures. A handwritten *[tsh]* is written below the staff. A handwritten *mf* is written above the staff. A handwritten *L* with a wavy line is written below the staff.

211

Handwritten musical score for measure 211. The staff shows a melodic line with dynamic markings: *mf*, *f*, and *ff*. A handwritten *cue* is written above the first measure. A bracket labeled *mf* spans the first two measures. A bracket labeled *f* spans the next two measures. A bracket labeled *ff* spans the following two measures. A handwritten *Surging with gliss.* is written above the staff. A handwritten *LEAD* is written above the staff. A handwritten *21'07.5* is written above the staff. A handwritten *(more repetition)* is written above the staff. A handwritten *Fast, articulated, with anticipation.* is written above the staff. A handwritten *3* is written above the staff. A handwritten *knuget, tvunget, the fetters* is written below the staff.

221

Handwritten musical score for measure 221. The staff shows a melodic line with dynamic markings: *mf*, *f*, and *ff*. A handwritten *cue* is written above the first measure. A bracket labeled *mf* spans the first two measures. A bracket labeled *f* spans the next two measures. A bracket labeled *ff* spans the following two measures. A handwritten *Fast with fear, but clear! In each comma take a new breath. Emotion getting more playful towards the 'hei'* is written above the staff. A handwritten *LEAD* is written above the staff. A handwritten *Take care of sync.* is written above the staff. A handwritten *LARGE VOCAL CRESC.* is written above the staff. A handwritten *Clear exhalation* is written above the staff. A handwritten *Broken* is written above the staff. A handwritten *And the hei-----* is written below the staff.

232

'HEAVY' SOUNDS. REPETITION →

Use eyes. Slowly walk backwards away from the audience into the shadows.

23

23

23

23

23

256

21'59

DYNAMIC MATERIAL →

release hand suddenly

1 BAR LEAD

Se mine hvide arme

[tcka]

{broken laugh}

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264

cont. →

22'10.9

22'13.7

{as before}

{slow on 'tro ei'}

LEAD

The fetters, the slithy toves, skratt

Darkness, gyre and gimble, -tro- -ei-

The fetters, the slithy toves did gyre and gimble, mit h  r flyver

hei

g

273

22'21.7

cue

{textured glissandi}

ff

22'24.7

TAKE NEW BREATH AS NECESSARY

281

22'31.7

fff

{take breath as necessary, keep strong throughout}

(MALE VOICE! "SE MINE VIDE ARME" →)

Gliss up to a 'shriek' and hold for as long as possible, then hold mouth open in mime.

287

♩ = 60

24'29

24'39

APPROX 1'51 rest

LEAD

Whispered {note duration of text}

LEAD

Whispered

The fetters of a dream, opposed to love.

Death, darkness, danger, are our natural lot;

And evil Spirits 'may' our walk attend

Only just on stage

295

LEAD

Whispered

25'22.5

'Twas brillig, and

303

the slithy toves Did gyre and gimble in the wabe

And what is to gyre and gimble?

9

9

9

9

9

Normal voice, little intense. Duration of material as wrtten.

315

1 BAR LEAD

26'15

Tro ei. hvert et Skratt er Latter. Satan kun og Sorgen skratter.

LEAD

26'35

Hei! Se mine hvide arme! Mit hÅr flyver, hei!

323

LEAD

26'55

Tusende Gange har du kuget og tvunget os.

rest for 14.4 seconds before next page

The image shows a musical score for a lead section. The score is on a single staff with a treble clef. It begins with a '323' time signature. A 'LEAD' section is marked with a bracket. A time stamp '26'55' is shown in a box. The lyrics 'Tusende Gange har du kuget og tvunget os.' are written below the staff. A note indicates a rest for 14.4 seconds before the next page.



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GENTLE ARTICULATIONS, CLEAR SYNC. WITH LIVE

27'17.4

♩ = 60 METRO LEAD

mf {don't rush this text}

non vibrato

lidt efter hvert, kom også vi to til at samtale for os selv

[tch-ka] [sh-ta] [t-sh] [sh_h] [tc_ka] [f_ka] [ku] [ka]

enter?

All stage directions are to be carried out slow and controlled.

sit at location 1

stand and begin walk

27'57.6

p vibrato

(sim. follow click track to maintain sync.)

læng n for fulgte [t_ l] rrr o m

28'18.2

non vibrato

[sh_h] [t_ka] [f_k] [ku]

walk slowly to location 2

sit at location 2

cont. (more passive)

28'44.2

p vibrato

non vibrato {sustain all long notes to full value}

[ka] want to roam m m_a læng sel su k [sh_ta] [t_sh]

stand and begin walk

walk to location 3

—————→ *cont.*

non vibrato

long want [sh_h] to rrr_oa m [tch-ka [f_k k_u k_a

sit at location 3

stand and begin walk

—————→ *cont.*

30'04.6

mf

Articulated and molto vibrato to stand out from the tape

Der sad en fange fra morg_nens gry til af ten rodens bleggen n [sh_ta [t_sh

walk to location 4

sit at location 4

—————→ *cont.*

(SONG FADING IN)

[sh_h [tch_ka [f_k [ku

stand

31'17.4

strong, clear, without vibrato as possible

ff

f

zz a drrr a {slow gliss!}

{re-articulate 'E' with tape if arrive early}

31'58.5

mf

walk back into shadows

long want to roam m a m a m

METRO LEAD

32'32.1

TEXT

pp

CONT. IN TAPE

mime old norse text in tape (see sound example)

Slowly move front right into shadows.

33'37.3

Vocal song texture

♩ = 74 METRO LEAD

NOTE ON TEXT: listen to sound example 1 (Old English extract) and cycle through the text placing one syllable on each note.

Slowly move front to back to front to back, wondering unrestrained by installation.

Increasing 'environmental' material

move into shadows and off stage

Lighting: slow fade to state 6.

TAPE SOLD TO NEXT ENTRY

1 BAR METRO LEAD

♩ = ~ 64

43'32.8

loud metal and angry vocal repetition →

Lighting: state 6.

→ cont.

44'15.7

44'35.9

→ cont.

'NO' (cut) 'NO' →

LONG TAPE SOLO TO NEXT.

47'13.9

♩=120 SWAYING. LOOSE SYNC. WITH TAPE.

{NOTE: ensure material on the 'text' line is spoken in a speaking register and not sung.
Contrast the material sung without text with that using text}

1 BAR
LEAD

se_elf mi_i ight be a_nnul led sor_gen

Small and tight mixed motions from 'forced' 'evil' 'play' 'anger' 'social'

e_vil som flo oi de sperate sea s s i n-ay m n n-ay m n ay

den sky Leg med and gimble sor_gen

→ cont.

28

Handwritten musical score for measures 28-36. The staff is in treble clef with a key signature of one flat (B-flat). The tempo is marked *mp*. The lyrics are: e_vil had {Norwegian} I shrieked brøler bīrd or fiend {fast}. The music features a mix of eighth and sixteenth notes, with a triplet of eighth notes in measure 36. There are dynamic markings *p* and *mp*. There are also some handwritten 'x' marks above the staff in measures 29, 30, 31, and 32.

→ cont.

37

Handwritten musical score for measures 37-44. The staff is in treble clef with a key signature of one flat (B-flat). The tempo is marked *mp*. The lyrics are: ligg et og ve ve vent et fff ee tt ers fff. The music features a mix of eighth and sixteenth notes, with a triplet of eighth notes in measure 37 and a triplet of eighth notes in measure 40. There are dynamic markings *mp* and *fff*. A handwritten 'METRO BEAT 3/4' is written above the staff in measure 43. The score ends with a double bar line and a handwritten note '(attack to next.)'.

48'37.5

REPEATING NOISE / ENVIRONMENT MIX →

FOLLOW CLICK TRACK.

[ff] dr_err ee_mm] opposed [ss_d] lo_ve [v_ fff v_ fff f_ etters

→ cont.

{On main staff articulate crossed note heads as semi-pitched spoken. Other notes sung as normal. On upper staff be more free with articulation type.}

[ff]ku_ get og [fff] tvun_ get op ku_ [ee_mm] opposed [fff] drrr_ eam opposed

→ cont.

19 {less strained and calmer / clearer}

drea_m ku_ get [tch-ka_] og tvun_ get os [sh_ta_] ee vil [t_sh] spi_ rits_

→ cont.

28

Musical score for measures 28-36. The notation is on a single staff with a treble clef. It features a series of eighth and sixteenth notes, some with ties. The lyrics are written below the staff: [sh] a ttend hvert er [tch ka] skratt er [f k] la tter [ku] and the sli thy.

→ cont.

37

Musical score for measures 37-45. The notation is on a single staff with a treble clef. It features a series of eighth and sixteenth notes, some with ties. The lyrics are written below the staff: lo ves opp ose d to lo ve and what. There are handwritten annotations: "AIR" above the staff, "cut off by tape" with a bracket, "LEAD" with a bracket, and "KEEP TEXT LOUD AND CLEAR" above the staff. There are also time markers: "49'52" and "50'01.5".

→ cont.

46

Musical score for measures 46-54. The notation is on a single staff with a treble clef. It features a series of eighth and sixteenth notes, some with ties. The lyrics are written below the staff: kom også desparate længselsuk is it vi to seas.

50' 26.4

→ cont.

55

forfulgte to gyre samtale HEVN long want den sky and gimble GET

shout *sfz* shout *sfz*

→ cont.

64

for os selv to roam som fløi HAD hyacinth hair mod BACK face vestene

sfz *sfz*

LEAD

51' 03.3

51' 06.2

(Whistle)

73

CUT OFF BY TAPE

f

LEAD

{normal speed, calm normal spoken voice}

approx 51' 17.9

Der sad en Fange fra Morgnens Gry

—————→ *slow accumulation*

82

51'22.4 {hear tape sync}

51'36.4

LEAD

{little more dramatically}

On desperate seas long wont to roar

Leave no black

—————→ *cont.*

91

51'41.4

{faster so as to fit in text in 6 beats}

CUT TO NEXT PAGE

~ 2.5 sec to next lead

plume as a token of that lie thy soul hath spoken!

når mørket sniger sig rundt vor hytte,
da må du være hos mig

51'53 "PRETTY BUBBLES IN THE AIR" → LONG ACCUMULATION

1 BAR LEAD

f

fff long wan-t to roa m And evil spirits may our walk attend sp i ri ts sk sk tch-ka sh-ta t-sh

Lighting state 7

→ thick texture — cont.

8

0 sh h h h Tro ei hvert et skratt er latter vil on desparate seas long want skratt vil

52'17

15

1 Hans Længselsuk forfulgte den Sky gyre and gimble the slithy toves om hevn om had LEAD (SHOUT) ff Get thee back into the tempest hold until out of breath

(don't rush the long laugh glissandi)

(Tape cont. to 1'00'12)

Extremely dynamic and ferociously excited

Leave space via path C'