Transposed Score

Pytheas Travels

music score for the staged work created by Hypercomf and Maja S. K. Ratkje 2023

Written for a quartet of live musicians in synchronisation with film, light cues and a recorded soundtrack.
A click track is provided for the live performing quartet. There are two options in choice of instruments for a live performance of Pytheas Travels:
1. A live quartet of Bass Clarinet, Flute/Bassoon, Violin and Violoncello (first performed by Tøyen Fil og Klafferi at the Ultima Festival Sept 2023),
and 2. A live quartet of French Horn, Bass Trombone, Violin and Violoncello (first performed by musicians from the Ergon Ensemble at Onassis Stegi October 2023).
The two quartets both appear in the recorded soundtrack, a recording made with musicians from Tøyen Fil og Kafferi and Ergon Ensemble.
Depending on the choice of live quartet in the performance, the soundtrack also exists in two versions.
The time codes are according to the live performance files starting with a 30 minutes long audience entrance as a part of the entire performance.

The commissioned work is realized as part of the Transmissions project,
which is produced by Onassis Stegi (Greece) in partnership with Ultima Oslo Contemporary Music Festival (Norway)
with the support of the EA Grants and the Norwegian Financial Mechanisms 2014-2021.

Transposed Score

Pytheas Travels

music score

Maja S. K. Ratkje 2023

30:00

33:35

♩ = 60

A

Bass Clarinet in B♭

Bassoon

Violin 1

Violoncello 1

Audio

Horn in F

Bass Trombone

Violin 2

Violoncello 2

51 3 9 9

enter the stage one by one, pick up instruments and get into position

Clicktrack signal

SPK Jingle

SPK:

Dear passengers, you've dreamt about...

A journey that will take us...

34:57

35:33

B ♩ = 94

75

B. Cl.

Bsn.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Clicktrack starts

SPK:

open for exploration...

SPK ends

mp

mf

fp

non vibr.

try with mutes
blend dynamics with French Horn

C = 60

36:27

96

B. Cl.

mp

imitate lip smacking and drinking sounds
use instrument ad lib.

3

mp

continue with gulping and smacking sounds, satisfied breath sounds, very sparse and quiet

Bsn.

mp

imitate lip smacking and drinking sounds
use instrument ad lib.

3

mp

continue with gulping and smacking sounds, satisfied breath sounds, very sparse and quiet

Vln.

mp

pp

imitate lip smacking and drinking sounds
use instrument ad lib.

3

mp

fade out

Plankton daytime observation: Acartia
in a different world,
icy, austere
(fast tremolo)

mp

Vc.

mp

pp

imitate lip smacking and drinking sounds
use instrument ad lib.

3

mp

fade out

Plankton daytime observation: Acartia
in a different world,
icy, austere
(fast tremolo)

mp

Audio

Clicktrack stops

Sound of gulping down a drink
followed by refreshed smacking of lips.

3

PTH:

Clicktrack starts

Nothing better than...

C = 60

96

Hn.

mp

imitate lip smacking and drinking sounds
use instrument ad lib.

3

mp

continue with gulping and smacking sounds, satisfied breath sounds, very sparse and quiet

B. Tbn.

mp

imitate lip smacking and drinking sounds
use instrument ad lib.

3

mp

continue with gulping and smacking sounds, satisfied breath sounds, very sparse and quiet

Vln.

mp

pp

imitate lip smacking and drinking sounds
use instrument ad lib.

3

mp

fade out

Plankton daytime observation: Acartia
in a different world,
icy, austere
(fast tremolo)

mp

Vc.

mp

pp

imitate lip smacking and drinking sounds
use instrument ad lib.

3

mp

fade out

Plankton daytime observation: Acartia
in a different world,
icy, austere
(fast tremolo)

mp

112

B. Cl.

fade out

Bsn.

fade out

Vln.

Temora longicornis

Vc.

Temora longicornis

Audio

PTH: I like this bar...

Clicktrack stops

Clicktrack starts

Jingle

SPK: Dear passengers, we would like to remind you...

PTH: It's so hot in here...

112

Hn.

fade out

B. Tbn.

fade out

Vln.

Temora longicornis

Vc.

Temora longicornis

133

B. Cl.

Plankton daytime observation: Acartia

Calanus

Bsn.

Plankton daytime observation: Acartia

Calanus

Vln.

Acartia
ord.

Calanus

Vc.

Acartia
ord.

non. vibr.

Calanus
ord.

Audio

ferry boat sound

133

Hn.

Plankton daytime observation: Acartia

B. Tbn.

Plankton daytime observation: Acartia
with mute

Calanus

Vln.

Acartia
ord.

Calanus

Vc.

Acartia
ord.

non. vibr.

Calanus
ord.

39:29

D ♩ = 120

151

B. Cl.

Bsn.

Vln.

Vc.

2

Ship observing whales in the Norwegian Sea 2009

f

ff

Ship observing whales in the Norwegian Sea 2009
Minke whale

pp *f*

Clicktrack stops
Jingle

SPK:

Clicktrack starts

We inform all passengers...

Clicktrack signal

Audio

D ♩ = 120

151

Hn.

B. Tbn.

Ship observing whales in the Norwegian Sea 2010
senza sord.

mf

ff

Ship observing whales in the Norwegian Sea 2010

Ship observing whales in the Norwegian Sea 2010
Minke whale

pp *f*

167

Sperm whale

Unidentified whale

B. Cl.

Doplhin

Minke whale

Pilot whale

Bsn.

Acartia, daytime observation

soloistic, wild

gliss.

Vln.

pizz.

Vc.

rumbling sounds

Audio

167

Sperm whale

Unidentified whale

Hn.

Minke whale

Pilot whale

B. Tbn.

Acartia, daytime observation

soloistic, wild

gliss.

Vln.

Doplhin

Minke whale

pizz.

Vc.

173

B. Cl.

Bsn.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Minke whale

arco

ff

f

181

B. Cl.

sub. *mp*

f

ff

Minke whale

Bsn.

sub. *mp*

Minke whale

ff

Vln.

Vc.

sub. *mp*

f

ff

Audio

PTH:

Mm, this place is very familiar…

Clicktrack signal

181

Hn.

sub. *mp*

f

ff

B. Tbn.

sub. *p*

f

Minke whale

Vln.

Vc.

sub. *mp*

Minke whale

ff

197

B. Cl.

Killer whale

fl.

sffz

fl.

sffz

Fin whale

Bsn.

Vln.

f

Sperm whale

Vc.

Audio

197

Hn.

Sperm whale

Fin whale

B. Tbn.

Killer whale

fl.

sfz

Vln.

f

Vc.

Killer whale

sffz

ff

Sperm whale

204

B. Cl.

Minke whale

sub. mp

Bsn.

sub. mp

Ship observing whales in the Norwegian Sea 2010
Killer whale

Vln.

sffz

ff

Minke whale

Killer whale

Vc.

sffz

sub. mp

Audio

PTH:

Now well...

204

Hn.

Minke whale

sub. mp

B. Tbn.

sub. p

Ship observing whales in the Norwegian Sea 2010
Killer whale

Vln.

sffz

ff

Minke whale

Killer whale

Vc.

sffz

sub. mp

215

B. Cl.

Bsn.

Vln.

Vc.

Fin whale

ff

Humpback whale

Minke whale

Sperm whale

sffz

Audio

Clicktrack signal

Hn.

B. Tbn.

f

225

B. Cl.

Bsn.

Vln.

Vc.

Audio

Unidentified whale

Minke whale

Killer whale

fl.

sffz

225

Hn.

B. Tbn.

Vln.

Vc.

Unidentified whale

Sperm whale

Minke whale

Killer whale

fl.

sfz

Minke whale

230

Sperm whale

B. Cl.

Bsn.

Vln.

Dolphin

Vc.

Audio

PTH:

Ah, I am too hot...

230

Dolphin

Hn.

B. Tbn.

Vln.

Sperm whale

Vc.

236

B. Cl.

Bsn.

Killer whale
fl.

Sperm whale

end of soloistic part

Vln.

Sperm whale

Vc.

Doplhin

Audio

Clicktrack signal

236

Hn.

Killer whale
fl.

Sperm whale

B. Tbn.

end of soloistic part

Vln.

Sperm whale

Vc.

Doplhin

250

B. Cl.

Bsn.

Minke whale

f

Unidentified whale

ff

Vln.

Unidentified whale

Sperm whale

ff

gliss.

Vc.

Sperm whale

Audio

250

Hn.

B. Tbn.

Minke whale

Unidentified whale

overtone gliss

ff

Vln.

Unidentified whale

Sperm whale

ff

gliss.

Vc.

Sperm whale

255

B. Cl.

Bsn.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Doplhin

Minke whale

Plankton daytime observation

Sperm whale

To Sl. Whistle

with mute

fl.

42:57

E ♩ = 80

Plankton daytime observation: Calanus

261

B. Cl.

Bsn.

Plankton daytime observation
Slide Whistle
unis with audio

Pseudocalanus elongatus

To Fl.

Flute

Vln.

Calanus
pizz.

arco

Pseudocalanus elongatus

Plankton daytime observation:
Pseudocalanus elongatus

Vc.

Clicktrack signal

Audio

E ♩ = 80

Plankton daytime observation: Calanus

261

Hn.

B. Tbn.

Plankton daytime observation
Slide Whistle
unis with audio

Pseudocalanus elongatus

To B. Tbn.

Bass Trombone

fl.

Vln.

Calanus
pizz.

arco

Pseudocalanus elongatus

Plankton daytime observation:
Pseudocalanus elongatus

Vc.

270

B. Cl.

Fl.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Vln.

Vc.

Acartia

Temora longicornis

insane crush-tones
or other scraping sounds
no clear pitch

ord.

sim.

Clicktrack signal

279

B. Cl.

Fl.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Temora longicornis

To Bsn.

Bassoon

Calanus

Acartia

gliss.

286

B. Cl.

Bsn.

To Sl. Whistle

Vln.

Vc.

Temora longicornis

Audio

Clicktrack signal

286

Hn.

B. Tbn.

To Sl. Whistle

Vln.

Vc.

Temora longicornis

294

B. Cl.

Bsn.

Vln.

Vc.

Audio

294

Hn.

B. Tbn.

Vln.

Vc.

p mp pp

Slide Whistle
unis with audio

gliss.

To Fl.

Flute

pizz.

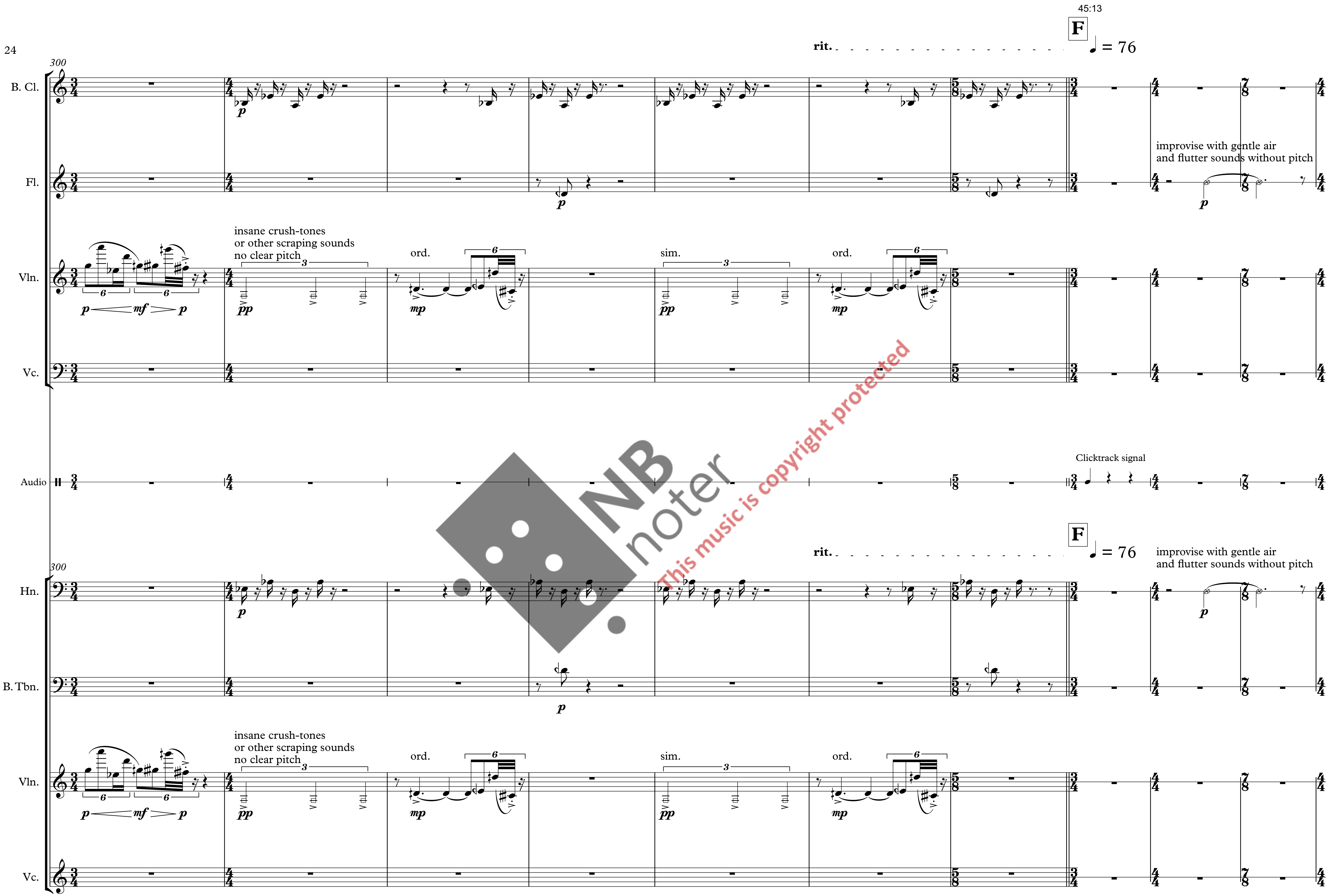
arco

6 6

f mp

mf

Bass Trombone
with mute
fl.


45:13
F
rit.
♩ = 76
300
B. Cl.
Fl.
Vln.
Vc.
Audio
Hn.
B. Tbn.
insane crush-tones
or other scraping sounds
no clear pitch
ord.
sim.
improvise with gentle air
and flutter sounds without pitch
Clicktrack signal

310

B. Cl.

Fl.

overlap with and imitate
first flute sound in audio sample
(don't play)

continue Fish 8 Flute sound

To Bsn.

Vln.

continue Fish 8 Violin sound

p

Vc.

continue Fish 8 Cello sound

p

Fish 8
long sounds with breaks
Fl.

Fl./Tbn.

Tbn./Vln./Vc.

Vln./Vc.

Clicktrack signal
end

Fish 6
continuous pops, almost in a rhythm
Bsn./Tbn.

+ Vc.

Audio

310

Hn.

overlap with and imitate
first flute sound in audio sample
(don't play)

B. Tbn.

continue Fish 8 Trombone sound

p

Vln.

continue Fish 8 Violin sound

p

Vc.

continue Fish 8 Cello sound

p

329

B. Cl.

listen to Fish 6 Clarinet,
continue the sound at marked beat

mp

improvise shrimp sound
using existing sound file as reference

♩ = 60

sub. tacet

same as Cl. in Fish 11

p mp mf

Fl.

Bassoon
listen to Fish 6 Bassoon,
continue the sound at marked beat

mp

improvise shrimp sound
using existing sound file as reference

To Fl.

sub. tacet

Flute
same as Flute in Fish 11

ka!

3 3 3

mf

Vln.

improvise shrimp sound
using existing sound file as reference

mp

sub. tacet

same as Vln. in Fish 11

p mp mf

Vc.

listen to Fish 6 Cello,
continue the sound at marked beat

mp

improvise shrimp sound
using existing sound file as reference

sub. tacet

Audio

+Cl. +Hn. +Vln.

Clicktrack signal
-Bsn./Vc. -Tbn. -Cl.

end

Fish 11
Fl./Cl./Tbn./Vln.

Fish 2

3

end

Fish 5
loud sustained sounds

329

Hn.

improvise shrimp sound
using existing sound file as reference

mp

♩ = 60

sub. tacet

imitate Flute in Fish 11

ka!

3 3 3

mf

B. Tbn.

listen to Fish 6 Trombone,
continue the sound at marked beat

mp

improvise shrimp sound
using existing sound file as reference

sub. tacet

same as Tbn. in Fish 11

p mp mf

Vln.

improvise shrimp sound
using existing sound file as reference

mp

sub. tacet

same as Vln. in Fish 11

p mp mf

Vc.

listen to Fish 6 Cello,
continue the sound at marked beat

mp

improvise shrimp sound
using existing sound file as reference

sub. tacet

343

♩. = 92

B. Cl.

Fl.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Vln.

Vc.

mp p mp

To Bsn.

same as Cl. in Fish 19

mf

Bassoon

same as Bsn. in Fish 19

f

To Fl.

same as Vln. in Fish 19

same as Vc. in Fish 19

end

Fish 19

Bsn./Tbn./Vln.

Cl./Hn./Vc.

Fish 20

same as Hn. in Fish 19

same as Tbn. in Fish 19

28

♩ = 145

351

B. Cl.

improvise shrimp sound

transform

improvise Fish 13
using existing sound file as reference

p

pp

Flute

Fl.

improvise Fish 13
using existing sound file as reference

To Bsn.

pp *p*

Vln.

improvise shrimp sound

transform

improvise Fish 13
using existing sound file as reference

p

pp

Vc.

improvise shrimp sound

transform

improvise Fish 13
using existing sound file as reference

p

pp

Audio

end

Clicktrack signal

Fish 24
low volume version
Fl./Tbn.
Cl./Hn./Vln.
Bsn./Vc.

Fish 4

♩ = 145

351

Hn.

improvise shrimp sound

transform

improvise Fish 13
using existing sound file as reference

p

pp

B. Tbn.

improvise shrimp sound

transform

improvise Fish 13
using existing sound file as reference

p

pp

Vln.

improvise shrimp sound

transform

improvise Fish 13
using existing sound file as reference

p

pp

Vc.

improvise shrimp sound

transform

improvise Fish 13
using existing sound file as reference

p

pp

♩ = 118

362

B. Cl.

loud version of Cl. in Fish 24

same as Cl. in Fish 20

same as Cl. in Fish 10
using existing sound file as reference

Fl.

Bassoon
loud version of Bsn. in Fish 24

same as Bsn. in Fish 20

same as Bsn. in Fish 10
using existing sound file as reference

Vln.

loud version of Vln. in Fish 24

same as Vln. in Fish 20

same as Vln. in Fish 10
using existing sound file as reference

Vc.

loud version of Vc. in Fish 24

same as Vc. in Fish 20

same as Vc. in Fish 10
using existing sound file as reference

Audio

Fish 24 Fl.

Fish 13

Clicktrack signal

Cello gliss. sound and other sounds
(Fish 13 cont.)

♩ = 118

362

Hn.

loud version of Hn. in Fish 24

same as Hn. in Fish 20

same as Hn. in Fish 10
using existing sound file as reference

B. Tbn.

loud version of Tbn. in Fish 24

same as Tbn. in Fish 20

same as Tbn. in Fish 10
using existing sound file as reference

Vln.

loud version of Vln. in Fish 24

same as Vln. in Fish 20

same as Vln. in Fish 10
using existing sound file as reference

Vc.

loud version of Vc. in Fish 24

same as Vc. in Fish 20

same as Vc. in Fish 10
using existing sound file as reference

30

374

♩ = 120

B. Cl.

improvise Fish 13

"answer" recorded Cello with Fish 13 sounds

Bsn.

To Fl.

Flute
improvise Fish 13

"answer" recorded Cello with Fish 13 sounds

Vln.

improvise Fish 13

"answer" recorded Cello with Fish 13 sounds

Vc.

improvise Fish 13

"answer" recorded Cello with Fish 13 sounds

Audio

Clicktrack signal

Fish 13 ends

Clicktrack signal

Fish 15 Cello

374

♩ = 120

Hn.

improvise Fish 13

"answer" recorded Cello with Fish 13 sounds

B. Tbn.

improvise Fish 13

"answer" recorded Cello with Fish 13 sounds

Vln.

improvise Fish 13

"answer" recorded Cello with Fish 13 sounds

Vc.

improvise Fish 13

"answer" recorded Cello with Fish 13 sounds

387

B. Cl.

Fl.

Vln.

Vc.

Audio

387

Hn.

B. Tbn.

Vln.

Vc.

398

50:19

G

♩ = 120

B. Cl.

Fl.

Vln.

Vc.

34

13/16

Plankton daytime observation:
Acartia

mf 3

Plankton daytime observation:
Acartia

f

6

3

To Bsn.

Plankton daytime observation:
Acartia

f

6

Plankton daytime observation:
Acartia

3

mf

Clicktrack stops
muzak etc.

Audio

Clicktrack starts

G

♩ = 120

398

Hn.

B. Tbn.

Vln.

Vc.

Plankton daytime observation:
Acartia

6

3

f

Plankton daytime observation:
Acartia

3

mf

f

6

Plankton daytime observation:
Acartia

3

mf

accel. ♩ = 180

438

B. Cl.

Calanus

Fl.

Calanus
Bassoon

mf

multiphonic
with this pitch

To Fl.

Vln.

Calanus

mf

Vc.

Calanus

Audio

accel. ♩ = 180

438

Hn.

Calanus

mf

B. Tbn.

Plankton daytime observation:
Calanus
(senza sord.)

mp

Acartia

fl.

Vln.

Calanus

mf

Vc.

Calanus

50:57

♩ = 120

445

B. Cl.

Bsn.

Flute

To Bsn.

Bassoon

Vln.

Vc.

Clicktrack stops

Jingle

SPK:

Clicktrack starts

Audio

Dear passengers, as we approach...

♩ = 120

445

Hn.

B. Tbn.

Vln.

Vc.

accel. ♩ = 180 ♩ = 120

462

B. Cl.

Bsn.

multiphonic
with this pitch

Vln.

Vc.

Audio

SPK:

Follow one of our specialized crew staff ...

accel. ♩ = 180 ♩ = 120

462

Hn.

B. Tbn.

fl.

Vln.

Vc.

36

472

B. Cl.

Bsn.

Vln.

Vc.

Audio

SPK ends

Clicktrack signal

472

Hn.

B. Tbn.

Vln.

Vc.

482

B. Cl.

Bsn.

f

Vln.

mf

Vc.

Audio

482

Hn.

f

fl.

B. Tbn.

fl.

mf

Vln.

mf

mf

Vc.

f

mf

mp

490

B. Cl.

Bsn.

Vln.

Vc.

Audio

Clicktrack signal

490

Hn.

B. Tbn.

Vln.

Vc.

497

B. Cl.

Bsn.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Vln.

Vc.

Temora longicornis

503

B. Cl.

Bsn.

Vibraslap, *l.v.*

Bassoon

Vln.

Pseudocalanus elongatus

Vc.

Pseudocalanus elongatus

Audio

Clicktrack signal

503

Hn.

Vibraslap, *l.v.*

To B. Tbn.

B. Tbn.

Bass Trombone

Vln.

Pseudocalanus elongatus

Pseudocalanus elongatus

Vc.

Pseudocalanus elongatus

510

B. Cl.

Bsn.

Vibraslap, *l.v.*

Bassoon

Vln.

Vc.

Temora longicornis

Audio

510

Hn.

Pseudocalanus elongatus, daytime observation

To Vb. Slap

B. Tbn.

Vibraslap, *l.v.*

To B. Tbn.

Vln.

Temora longicornis

Vc.

53:13

517

H

♩ = 60 rit. - - - - - ♩ = 53

B. Cl.

Plankton nighttime observation

Bsn.

Plankton nighttime observation

Vln.

Plankton, nighttime observation

Vc.

Plankton, nighttime observation

Audio

Clicktrack signal

PTH:

Mm, now this smell...

H

♩ = 60 rit. - - - - - ♩ = 53

517

Hn.

Plankton, nighttime observation

B. Tbn.

Bass Trombone
with mute

Plankton nighttime observation

Vln.

Plankton, nighttime observation

Vc.

Plankton, nighttime observation

524

B. Cl.

Bsn.

Vln.

Vc.

pizz.

arco

Audio

524

Hn.

B. Tbn.

Vln.

Vc.

pizz.

arco

535

I

B. Cl.

Bsn.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Plankton daytime observation

accel.

pizz.

arco

PTH ends

545

♩ = 80

♩ = 53

accel.

45

B. Cl.

Bsn.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Vln.

Vc.

554

B. Cl.

Bsn.

Vln.

Vc.

Audio

PTH:

Surprise me!

554

Hn.

B. Tbn.

Vln.

Vc.

563

B. Cl.

Bsn.

Vln.

Vc.

Audio

Hn.

B. Tbn.

3 = ♩

♩ = 120

f mf p

To Fl.

arco

gliss.

pizz.

senza sord.

mp

57:21

J = 120

573

♩ = 60

Ship observing whales in the Norwegian Sea 2010 and 2012

B. Cl.

Bsn.

Flute
fl. (ord.)

Vln.

Vc.

crush
tone
(ord.)

Audio

Clicktrack stops
rumbling sounds

boat noise

Clicktrack starts

four musicians in recording

J = 120

573

♩ = 60

Ship observing whales in the Norwegian Sea 2010 and 2012

Hn.

B. Tbn.

Vln.

Vc.

599

B. Cl.

fl.

(ord.)

fl.

Ship observing whales in the Norwegian Sea 2010 and 2012
Humpback whale

Fl.

fl.

(ord.)

jet-whistles
any pitch

Vln.

pizz.

arco

gliss.

Vc.

gliss.

Audio

599

Hn.

Humpback whale

Ship observing whales in the Norwegian Sea 2010 and 2012

B. Tbn.

Ship observing whales in the Norwegian Sea 2010 and 2012
Humpback whale

Vln.

pizz.

arco

Vc.

pizz.

arco

pizz.

arco

gliss.

607

Humpback whale

White beak dolphin

B. Cl.

Fl.

Vln.

Vc.

gliss.

half-tone trill

Audio

607

Hn.

B. Tbn.

Vln.

Vc.

pizz.

(Pseudocalanus elongatus)

arco

gliss.

615

B. Cl.

Fl.

Vln.

Vc.

♩ = 60

leave the stage

jet-whistle

gliss.

(or as high as possible)

Audio

Clicktrack stops

Jingle

SPK:

Dear passengers, join us tonight...

Hn.

B. Tbn.

Unidentified whale overtone gliss

pizz.

52

K

♩ = 120

♩ = 80

accel. . . . . ♩ = 120

632

B. Cl.

Fl.

Vln.

Vc.

eight musicians in recording

Audio

K

♩ = 120

♩ = 80

accel. . . . . ♩ = 120

632

Hn.

B. Tbn.

Vln.

Vc.

L

♩ = 60

676

B. Cl.

Fl.

Vln.

Vc.

32 | 7 | 2 | 3 | 6 | 4

enter the stage again

enter the stage and improvise sparse 'Seagull' sounds

end

Audio

echo and noises

Clicktrack starts

Hn.

B. Tbn.

54

1:03:13

♩ = 120

735

B. Cl.

improvise Fish 13
using existing sound file as reference

mp

Fl.

improvise Fish 13
using existing sound file as reference

mp

To Bsn.

Bassoon
improvise Fish 13
in the style of the other instruments

mp

Vln.

improvise Fish 13
using existing sound file as reference

mp

Vc.

improvise Fish 13
using existing sound file as reference

mp

Audio

Clicktrack signal

Clicktrack signal

Clicktrack signal

♩ = 120

735

Hn.

improvise Fish 13
using existing sound file as reference

mp

B. Tbn.

improvise Fish 13
using existing sound file as reference

mp

Vln.

improvise Fish 13
using existing sound file as reference

mp

Vc.

improvise Fish 13
using existing sound file as reference

mp

1:03:55

M ♩ = 80

756

B. Cl.

Bsn.

Vln.

Vc.

sim.

Ship observing whales in the Norwegian Sea 2010 and 2012

ord.

Sperm whale

pizz.

arco

Killer whale

Minke whale

(ord.)

Doplhin

Audio

Clicktrack signal

Fish 25

Clicktrack signal

four musicians in recording

M ♩ = 80

756

Hn.

B. Tbn.

Vln.

Vc.

fl.

Killer whale

Sperm whale

(ord.)

Pseudocalanus elongatus

gliss.

pizz

764

B. Cl.

Minke whale

Bsn.

Minke whale

Vln.

Vc.

Minke whale

Audio

764

Killer whale

Hn.

Minke whale

B. Tbn.

sempre gliss.

Ship observing whales in the Norwegian Sea 2010 and 2012

Vln.

pizz.

Vc.

Minke whale

arco

pizz

accel.

768

B. Cl.

Bsn.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Ship observing whales in the Norwegian Sea 2010 and 2012
Minke whale

Killer whale

Pseudocalanus elongatus

gliss.

arco

(pizz.)

♩ = 120

774

B. Cl.

f

mf

Killer whale

fl.

sfz

ff

Bsn.

f

To Fl.

Flute

ff

Vln.

pizz.

f

arco

fp

f

pizz.

ff

Vc.

gliss.

ff

Audio

♩ = 120

774

Hn.

Doplhin

f

Ship observing whales in the Norwegian Sea 2010 and 2012

B. Tbn.

mf

f

Vln.

p

mp

f

pizz.

arco

Pseudocalanus elongatus

gliss.

ff

Vc.

pizz.

mf

Pseudocalanus elongatus

arco

ff

780

B. Cl.

Minke whale

Sperm whale

Fl.

To Bsn.

Bassoon

(Pseudocalanus elongatus)

arco

8va

gliss.

Vln.

Vc.

Sperm whale

Audio

780

Hn.

B. Tbn.

Vln.

Vc.

Killer whale

Sperm whale

786

Humpback whale

White beak dolphin

Sperm whale

Minke whale

Harbour porpoise

very fast whole-tone trill

Harbour porpoise

very fast whole-tone trill

B. Cl.

Bsn.

Vln.

Vc.

Audio

786

Killer whale

Minke whale

Killer whale

Hn.

B. Tbn.

Vln.

Vc.

792

B. Cl.

Bsn.

White beak dolphin

Vln.

Killer whale

Vc.

pizz.

Clicktrack signal

Audio

792

Hn.

Fin whale

B. Tbn.

Vln.

Killer whale

Vc.

Sperm whale

798

B. Cl.

Bsn.

Killer whale
multiph. with this pitch

sfz

mp

Fin whale

Vln.

f

Killer whale
pizz.

f

Vc.

Audio

798

Hn.

f

Sperm whale

f

B. Tbn.

Killer whale

mf

Vln.

pizz.

f

Sperm whale
arco

Killer whale

Vc.

Fin whale

Sperm whale

Killer whale

sfz

mp

804

B. Cl.

Bsn.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Vln.

Vc.

arco

(pizz.)

Sperm whale

Killer whale

multiph. with this pitch

Sperm whale

arco

Killer whale

Sperm whale

Sperm whale

812

B. Cl.

Bsn.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Clicktrack signal

Fin whale

Killer whale

pizz.

Minke whale

Unidentified whale

arco, sul D

arco, sul G

gliss.

1:06:26

820

B. Cl.

Bsn.

Minke whale

Vln.

Minke whale

arco

Vc.

Audio

Jingle

Clicktrack signal

N = 75

Plankton nighttime observation

in another world,
icy, austere

Hn.

B. Tbn.

gliss.

Unidentified whale

arco, sul D

831

B. Cl.

Bsn.

(8)

Vln.

pp

8va

8va

Vc.

pp

Audio

Clicktrack signal

831

Hn.

B. Tbn.

(8)

Vln.

pp

8va

8va

Vc.

pp

852

B. Cl.

Bsn.

Vln.

Vc.

8va

Audio

PTH:

These waters are supposed to have healing...

PTH ends

852

Hn.

B. Tbn.

Vln.

Vc.

8va

874

B. Cl.

improvise like tiny fish under water answering and in contrast to recorded Fish 1

pp - mp

Bsn.

improvise like tiny fish under water answering and in contrast to recorded Fish 1

pp - mp

Vln.

p

mp

Vc.

p

mp

Audio

Clicktrack signal
Fish 1

874

Hn.

improvise like tiny fish under water answering and in contrast to recorded Fish 1

pp - mp

B. Tbn.

improvise like tiny fish under water answering and in contrast to recorded Fish 1
mutes ad lib.

pp - mp

Vln.

p

mp

Vc.

p

mp

891

B. Cl.

improvisation ends

Bsn.

improvisation ends

Vln.

Vc.

Audio

Clicktrack signal

891

Hn.

improvisation ends

B. Tbn.

improvisation ends

Vln.

Vc.

905

B. Cl.

Bsn.

Vln.

pp

Vc.

pp

PTH:

Audio

The party is going strong...

Clicktrack stops

905

Hn.

B. Tbn.

Vln.

pp

Vc.

pp

1:10:19

O

921

Plankton nighttime observation

ord.

B. Cl.

Bsn.

Plankton nighttime observation

Plankton nighttime observation

ord.

Vln.

Plankton nighttime observation

Vc.

Clicktrack starts

Audio

O

921

Plankton nighttime observation

Hn.

Plankton nighttime observation

with mute

B. Tbn.

Plankton nighttime observation

ord.

Vln.

Plankton nighttime observation

ord.

Vc.

931

B. Cl.

Bsn.

Vln.

Vc.

whole-tone trill

Audio

931

Hn.

B. Tbn.

Vln.

Vc.

whole-tone trill

942

B. Cl.

Bsn.

Vln.

Vc.

Clicktrack signal

Audio

942

Hn.

B. Tbn.

Vln.

Vc.

955

B. Cl.

Bsn.

Vln.

Vc.

Audio

Clicktrack signal
Piano sample

Clicktrack signal
Piano sample

Clicktrack signal
Piano sample

955

Hn.

B. Tbn.

Vln.

Vc.

968

B. Cl.

Bsn.

pp

To Fl.

pp

Vln.

mp

Vc.

To Bar Ch.

Clicktrack signal
Piano sample

Clicktrack signal
Piano sample

Clicktrack signal
Piano sample

Clicktrack signal
Piano sample

Audio

968

Hn.

pp

(with mute)

B. Tbn.

pp

Vln.

mp

Vc.

To Bar Ch.

76

1:13:13

P ♩ = 80

983

B. Cl.

Bsn.

Flute

Plankton daytime observation

mf

Vln.

Vc.

Bar Chimes

To Vc.

mp

Piano

Audio

Clicktrack signal

Jingle

SPK:

Good morning...

P ♩ = 80

983

Hn.

B. Tbn.

Plankton daytime observation

Vln.

Vc.

Bar Chimes

To Vc.

mp

997

B. Cl.

Fl.

Vln.

Vc.

Audio

997

Hn.

B. Tbn.

Vln.

Vc.

Plankton daytime observation

Plankton daytime observation

Violoncello

Plankton daytime observation

SPK ends

Clicktrack signal

Plankton daytime observation

Plankton daytime observation

senza sord.

1008

B. Cl.

Fl.

Bassoon

Vln.

Vc.

Audio

Clicktrack signal

1008

Hn.

B. Tbn.

Vln.

Plankton daytime observation

Violoncello

Vc.

accel.

1017

B. Cl.

Bsn.

Vln.

Vc.

Audio

accel.

1017

Hn.

B. Tbn.

Vln.

Vc.

80

1024

B. Cl.

Bsn.

Vln.

Vc.

Clicktrack signal

Audio

1024

Hn.

B. Tbn.

Vln.

Vc.

1032

B. Cl.

Bsn.

Vln.

Vc.

Audio

1032

Hn.

B. Tbn.

Vln.

Vc.

1041

B. Cl.

Bsn.

Vln.

Vc.

Audio

1041

Hn.

B. Tbn.

Vln.

Vc.

- - - - - - - - - - - - ♩ = 126

1050

B. Cl.

Bsn.

To Fl.

Vln.

Vc.

Audio

Clicktrack signal

PTH:

Another wonderful day...

Clicktrack stops

PTH ends

- - - - - - - - - - - - ♩ = 126

1050

Hn.

B. Tbn.

Vln.

Vc.

84

1:16:16

Q

♩ = 120

1059

B. Cl.

Plankton nighttime observations: Acartia

Temora longicornis

Flute

Fl.

Plankton nighttime observations: Acartia

Temora longicornis

fl.

Vln.

Plankton nighttime observations: Acartia

gliss.

Temora longicornis

Vc.

Plankton nighttime observations: Acartia

gliss.

Temora longicornis

Audio

Clicktrack starts

four musicians in recording

Q

♩ = 120

1059

Hn.

Plankton daytime observation: Pseudocalanus elongatus

Temora longicornis

Acartia

B. Tbn.

Plankton daytime observation: Pseudocalanus elongatus

Temora longicornis

Acartia

Vln.

Plankton daytime observation: Pseudocalanus elongatus

Temora longicornis

Acartia

Vc.

Plankton daytime observation: Pseudocalanus elongatus

Temora longicornis

Acartia

1069

B. Cl.

Fl.

Vln.

Vc.

Pseudocalanus elongatus

Calanus

Acartia

mf ff f

8va

gliss.

Audio

Hn.

B. Tbn.

mp p

1080

B. Cl.

Temora longicornis

Fl.

Temora longicornis

Vln.

Temora longicornis

Vc.

Temora longicornis

Audio

1080

Hn.

Pseudocalanus elongatus

B. Tbn.

Pseudocalanus elongatus

Vln.

Pseudocalanus elongatus

Vc.

Pseudocalanus elongatus

1091

B. Cl.

Pseudocalanus elongatus

Calanus

Acartia

Fl.

Pseudocalanus elongatus

Calanus

Acartia

Vln.

Pseudocalanus elongatus

Calanus

Acartia

Vc.

Pseudocalanus elongatus

Calanus

Acartia

Audio

1091

Hn.

Temora longicornis

B. Tbn.

Temora longicornis

Vln.

Temora longicornis

Vc.

Temora longicornis

1101

B. Cl.

Fl.

Vln.

Vc.

Audio

1101

Hn.

B. Tbn.

Vln.

Vc.

Temora longicornis

Acartia, nighttime observation

Daytime observation: Calanus

rit. - ♩ = 80

R ♩ = 120

1111

B. Cl.

Fl.

Vln.

Vc.

Acartia

Temora longicornis

mf ff fp < ff

gliss.

Audio

Hn.

B. Tbn.

Pseudocalanus elongatus

(vibr.)

1124

B. Cl.

Fl.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Vln.

Vc.

Pseudocalanus elongatus *Calanus* *Acartia*

(vibr.)

1:20:24

1136

B. Cl.

Fl.

Vln.

Vc.

Audio

Hn.

B. Tbn.

Vln.

Vc.

Temora longicornis

Pseudocalanus elongatus

♩ = 60

♩ = 120

S

21

f *ff* *p - mf* *pp - mp*

improvise, steam and foam!
team up with Fl.

improvise, steam and foam!
team up with Cl.

improvise, steam and foam!
team up with Vc.

improvise, steam and foam!
team up with Vln.

improvise, steam and foam!
team up with Tbn.

improvise, steam and foam!
team up with Hn.

continue improvisation
individually

improvisation
ends

Clicktrack stops
recorded scales

Clicktrack starts
noises building up

Clicktrack signal

gliss.

1168 improvisation ends

B. Cl.

p

Fl.

pick up the phone when it rings,
mime to the voice of the musician's voice

Vln.

improvisation ends

non vib.

ord.

Vc.

p

Clicktrack signal

Clicktrack signal

PTH:

Audio

What's going on out there?

1168 improvisation ends

Hn.

p

with mute

B. Tbn.

p

pick up the phone when it rings,
mime to the voice of the musician's voice

Vln.

(ord.)

Vc.

1186

B. Cl.

Fl.

Vln.

Vc.

pp

To Bsn.

non vibr.

pp

Clicktrack signal

Clicktrack stops

Audio

PTH:

Well I can't say I blame them...

1186

Hn.

B. Tbn.

pp

Vln.

Vc.

non vibr.

pp

94

1:22:40

1:23:22

♩ = 80

1204

B. Cl.

2 9 3 4 improvise wildy like a riot 13

mf - ff

Fl.

2 9 3 4 Bassoon improvise wildy like a riot 13 improvisation ends

mf - ff

Vln.

2 9 3 4 improvise wildy like a riot 13

mf - ff

Vc.

2 9 3 4 improvise wildy like a riot 13 improvisation ends

mf - ff

Audio

Jingle with distortion 2 SPK: drums and noises 9 PTH: 3 SPK: 4 Clicktrack starts 13 Clicktrack signal

Dear passengers, let us help you... Hm, it's coming back to me now... Maybe, but you know what they say...

♩ = 80

1204

Hn.

2 9 3 4 improvise wildy like a riot 13

mf - ff

B. Tbn.

2 9 3 4 improvise wildy like a riot 13 improvisation ends

mp - f

Vln.

2 9 3 4 improvise wildy like a riot 13

mf - ff

Vc.

2 9 3 4 improvise wildy like a riot 13 improvisation ends

mf - ff

U

1238

B. Cl.

improvisation ends

Ship observing whales in the Norwegian Sea 2009

Bsn.

Ship observing whales in the Norwegian Sea 2009

Vln.

improvisation ends

Ship observing whales in the Norwegian Sea 2009

Vc.

Clicktrack signal

Audio

U

1238

Hn.

improvisation ends

Ship observing whales in the Norwegian Sea 2009

Ship observing whales in the Norwegian Sea 2009

(senza sord.)

B. Tbn.

Vln.

improvisation ends

Ship observing whales in the Norwegian Sea 2009

Vc.

1246

accel.

B. Cl.

Bsn.

Vln.

Vc.

Audio

1246

accel.

Hn.

B. Tbn.

Vln.

Vc.

♩ = 110

1256

B. Cl.

Bsn.

fl.

Ship observing whales in the Norwegian Sea 2009

Vln.

Vc.

pizz.

arco

Audio

Clicktrack signal

♩ = 110

1256

Hn.

B. Tbn.

fl.

Ship observing whales in the Norwegian Sea 2009

Vln.

Vc.

pizz.

arco

1263

B. Cl.

Bsn.

Vln.

Vc.

Audio

1263

Hn.

B. Tbn.

Vln.

Vc.

V

♩ = 60

1270

B. Cl.

leave the stage

7

3

Bsn.

leave the stage

7

3

Vln.

leave the stage

7

3

Vc.

leave the stage

7

3

Audio

Clicktrack ends

7

AI Voices and PTH:

What happened to Pytheas? I don't know...

3

long coda, voices and electronic music

V

♩ = 60

1270

Hn.

leave the stage

7

3

B. Tbn.

leave the stage

7

3

Vln.

leave the stage

7

3

Vc.

leave the stage

7

3