

Slavko Zagorac

# **Vexilla**

for

Bass Clarinet

Violin

Violoncello

Full Score

For Information only

The score will be visualised on computer screens during a performance

# Performance Instructions:

## Important note:

















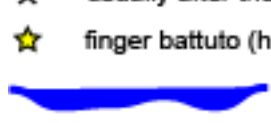
The score will be distributed and visualised on a laptop/tablet for each ensemble member in real-time during performance. The conventional paper version of the score is for information and preparation only.

## Graphical staves













The graphical staves indicate performance actions and their approximate physical position on each instrument. The notation is proportional in space/time so the distance between two beats in the same tempo is uniform across the score. Traditional symbolic staves are inserted on top of graphical staves where precise pitch intonation is required. Symbolic staves take precedence over the graphical staves and override any perceived graphical staff location.

## Instrument symbols

### Strings

-  left hand position, relative to the graphical clef
-  light finger pressure resulting in multiphonics when bowed
-  harmonic finger pressure
-  half-harmonic finger pressure (between harmonic and full pressure)
-  air noise finger pressure, dampen the strings with more than one finger
-  Bartok pizz.
-  dampen the strings
-  bow position, relative to graphical clef
- m**sp - molto sul pointicello, **s**p - sul pointicello, **s**t - sul tastò, **m**st - molto sul tastò
-  col legno
-  col legno battuto
-  intensity of bow overpressure (scratch tone)
-  circular bowing
-  chop - percussive noise produced by dropping the bow near the frog vertically onto the strings and stopping on the strings
-  catch - pitched noise produced by lifting the bow off the strings usually after the chop
-  usually after the chop
-  finger battuto (hammering)
-  random bow - indeterminately alter bow pressure, speed, position and direction

### Clarinet

-  air sound (white noise)
  -  mixed sound (air + pitch)
  -  multiphonic
  -  keyclick
  -  slap tongue closed (ST)
  -  slap tongue open (ST)
  -  quarter tone
  -  flutter tonguing
  -  exhale (air sound)
  -  inhale (air sound)
-  sing approximate pitch relative to the graphical staff
  -  multiphonic - vertical distance indicate approximate interval between pitches

Bass Clarinet  $\frac{3}{4}$   $\text{♩} = 90$  P1

high  
mid  
low

al niente  $p$   $pp$   $ppp$   $p$   $mp$   $mp$

1 2 3 4 5 6

spectral multiphonics  
inaudible fundamental  
indeterminate pitch  
inhale  
exhale  
air

Violin  $\frac{3}{4}$   $\text{♩} = 90$  P1

high  
mid  
low

mutes on  $p$   $mp$   $pp$   $p$   $pp$   $p$   $pp$   $p$   $pp$

1 2 3 4 5 6

IV  
air noise  
bow position  
ord  
mst  
st  
bow overpressure  
on bridge (side)  
dumpen strings

Cello  $\frac{3}{4}$   $\text{♩} = 90$  P1

high  
mid  
low

al niente  $p$   $pp$   $p$   $pp$   $p$   $pp$   $p$   $pp$

1 2 3 4 5 6

mutes on  
bow position  
mst  
ord  
sp  
msp  
on bridge (side)  
dumpen strings  
gliss

AV  $\frac{3}{4}$   $\text{♩} = 90$  P1

high  
mid  
low

1 2 3 4 5 6

javascript:showColour('/ITL/scene/content-PaneBottom', 'red', 0)  
transition:3600,40,0,255,1  
TL/scene/content-PaneBottom

javascript:showColour('/ITL/scene/content-PaneMiddle', 'blue', 0)  
transition:3600,40,0,255,1  
TL/scene/content-PaneMiddle

transition:600,40,255,0,1  
TL/scene/content-PaneBottom

javascript:showColour('/ITL/scene/content-PaneTop', 'white', 0)  
transition:2400,40,0,255,1  
TL/scene/content-PaneTop

transition:600,40,255,0,1  
TL/scene/content-PaneMiddle

**Bass Clarinet**  $\frac{3}{4}$  P2

high  
mid  
low

indeterminate pitch  
inhale  
exhale  
air  
closed slap tongue  
soft air  
open slap tongue  
air  
qt  
mp  
p

7 8 9 10 11 12

**Violin**  $\frac{3}{4}$  P2

LH dumpen strings  
col legno ricochet + bow gliss  
bow position  
bow gliss  
air noise II  
III  
IV  
LH gliss  
col legno battuto  
col legno ricochet + bow gliss  
LH dumpen strings  
p  
p  
p  
p  
p

7 8 9 10 11 12

**Cello**  $\frac{3}{4}$  P2

on tailpiece  
air + pitch  
overpressure  
col legno battuto  
IV  
harm  
col legno  
bow vertical gliss  
III  
II  
III  
bow gliss  
LH dumpen strings  
col legno battuto  
IV  
dumpen strings  
harm  
bow position st  
arco IV  
gliss.  
p  
p  
p  
p  
p  
mp  
p

7 8 9 10 11 12

**AV**  $\frac{3}{4}$  P2

transition:1200,40,255,0,/ITL/scene/contentPaneTop

javascript:setFile('/ITL/scene/yuStar','src/6\_1\_YuStarPart.svg')

transition:1200,40,255,0,/ITL/scene/yuStar

javascript:setFile('/ITL/scene/yuStar','src/6\_2\_YuStarPart.svg')

transition:1200,40,255,0,/ITL/scene/yuStar

javascript:setAlpha('/ITL/scene/yuStar',0)

javascript:showColour('/ITL/scene/contentPaneBottom','red',0)

transition:3600,40,0,255,/ITL/scene/contentPaneBottom

7 8 9 10 11 12

Bass Clarinet P3

high  
mid  
low

spectral multiphonics *p* *p* *ppp* inaudible fundamental

indeterminate pitch

inhale *p*

air inhale *mp* exhale *mp* air

13 14 15 16 17

Violin P3

IV

air noise → ord

bow position st st

dumpen strings

on bridge (side) msp

slow

overpressure

*p* *mp* *pp* *p* *pp* *p* *pp* *p*

13 14 15 16 17

Cello P3

*p* *pp* *p* *pp* *p* *pp*

ord msp on bridge (side)

on tailpiece air + pitch overpressure

gliss.

dumpen strings

13 14 15 16 17

AV P3

javascript:showColour('/ITL/scene/contentPaneMiddle', 'blue', 0)  transition:3600,40,0,255,0,ITL/scene/contentPaneMiddle	transition:600,40,255,0,ITL/scene/contentPaneBottom	javascript:showColour('/ITL/scene/contentPaneTop', 'white', 0)  transition:2400,40,0,255,0,ITL/scene/contentPaneTop	transition:600,40,255,0,ITL/scene/contentPaneMiddle	transition:1800,40,255,0,ITL/scene/contentPaneTop javascript:showColour('/ITL/scene/contentPaneMiddle', 'blue', 255)  javascript:showColour('/ITL/scene/contentPaneBottom', 'red', 255)  javascript:setFile('/ITL/scene/yuStar', 'src/Y-	transition:1800,40,255,0,ITL/scene/contentPaneMiddle  transition:2400,40,255,0,ITL/scene/contentPaneBottom  transition:1200,40,255,0,ITL/scene/yuStar
13	14	15	16	17	

**Bass Clarinet** P4

high  
mid  
low

spectral multiphonics  
indeterminate harmonics  
indeterminate harmonics

inaudible fundamental  
*ppp*

*p*  
*p*

*pp*  
*mp*

qt qt

18 19 20 21 22

**Violin** P4

air noise  
left hand position  
bow ord

II + III  
gliss  
gliss  
light pressure (multiphonic)  
sp msp  
dampen strings  
on bridge (side)  
ord I  
overpressure  
bow

*p*  
*p*  
*p*  
*pp* *p*

18 19 20 21 22

**Cello** P4

*p*  
flautando  
ord sp msp  
on bridge (side)  
dampen strings  
mst  
bow  
ord I  
gliss  
overpressure

*p*  
*p*  
*p*  
*pp* *p* *ppp*

18 19 20 21 22

**AV** P4

javascript:showColour('/ITL/scenes/contentPaneBottom', 'blue', 0)  
transition:2400,40,0,255,0,ITL/scenes/contentPaneBottom

javascript:showColour('/ITL/scenes/contentPaneMiddle', 'white', 0)  
transition:2400,40,0,255,0,ITL/scenes/contentPaneMiddle

transition:600,40,255,0,ITL/scenes/contentPaneBottom

javascript:showColour('/ITL/scenes/contentPaneTop', 'red', 0)  
transition:1800,40,0,255,0,ITL/scenes/contentPaneTop

transition:600,40,255,0,ITL/scenes/contentPaneMiddle

18 19 20 21 22

**Bass Clarinet** P5

high  
mid  
low

closed slap tongue  
air + multiphonic  
ST air only  
ST air  
ST air + multiphonic  
spectral multiphonics  
indeterminate harmonics  
inaudible fundamental  
indeterminate harmonics

*p* *p* *p* *ppp* *p*

23 24 25 26 27

**Violin** P5

light pressure (multiphonic)  
slow bow  
ord  
gliss.  
IV  
II  
IV  
III  
gliss.  
st  
LH bow ord  
mst bow  
ord  
sp  
msp  
gliss.  
light pressure (multiphonic)

*p* *p* *p* *p* *p*

23 24 25 26 27

**Cello** P5

light pressure (multiphonic)  
slow bow  
ord  
col legno battuto  
gliss.  
III  
II  
IV  
col legno battuto  
bow position  
arco  
mst  
ord  
sp  
msp

*p* *p* *p* *p* *p*

23 24 25 26 27

**AV** P5

transition:600,40,255,0,/ITL/scene/content/Pane-Top  
javascript:set-File(/ITL/scene/yuStar', 'src/1\_1\_YuStar-Part.svg')  
transition:1200,40,255,0,/ITL/scene/yuStar  
javascript:set-File(/ITL/scene/yuStar', 'src/1\_2\_YuStar-Part.svg')  
transition:1800,40,255,0,/ITL/scene/yuStar  
javascript:showColour(/ITL/scene/content/PaneBottom', 'blue', 0)  
transition:2400,40,0,255,/ITL/scene/content-PaneMiddle  
transition:2400,40,0,255,/ITL/scene/content-PaneBottom

*p5*

23 24 25 26 27

**Bass Clarinet**  $\frac{4}{4}$   $\frac{5}{4}$   $\frac{2}{4}$  P6

high  
mid  
low

*pp* *mp* *p*

indeterminate pitch  
key click + air  
key click + av

28 29 30 31 32 33

**Violin**  $\frac{4}{4}$   $\frac{5}{4}$   $\frac{2}{4}$  P6

dumpen strings  
ord I  
flautando  
LH  
gliss  
air  
half harm  
overpressure  
st  
bow  
ord  
sp  
mst  
I + II  
air noise  
IV  
st  
ord  
mp

*p* *pp* *p* *pp* *p*

28 29 30 31 32 33

**Cello**  $\frac{4}{4}$   $\frac{5}{4}$   $\frac{2}{4}$  P6

*pp* *p* *pp* *pp*

mst st  
flautando  
ord sp  
msp  
overpressure  
st  
gliss  
half harm  
air  
bow  
ord  
I  
gliss  
IV  
st  
ord  
air noise  
IV  
dumpen strings  
LH  
p mp

28 29 30 31 32 33

**AV**  $\frac{4}{4}$   $\frac{5}{4}$   $\frac{2}{4}$  P6

transition:600,40,255,0,/ITL/scene/contentPaneBottom  
javascript:showColour(/ITL/scene/contentPaneTop', 'red', 0)  
transition:2400,40,0,255,/ITL/scene/contentPaneTop

transition:600,40,255,0,/ITL/scene/contentPaneMiddle

transition:2400,40,255,0,/ITL/scene/contentPaneTop  
javascript:setFile(/ITL/scene/yuStar', 'src/YuStar.svg')

transition:1800,40,255,0,/ITL/scene/contentPaneMiddle', 'white', 255)  
javascript:showColour(/ITL/scene/contentPaneBottom', 'blue', 255)  
transition:1200,40,255,0,/ITL/scene/yuStar

transition:1800,40,255,0,/ITL/scene/contentPaneMiddle  
transition:1800,40,255,0,/ITL/scene/contentPaneBottom  
transition:2400,40,0,255,/ITL/scene/contentPaneBottom', 'white', 0)  
transition:2400,40,0,255,/ITL/scene/contentPaneBottom

28 29 30 31 32 33



**Bass Clarinet**  $\frac{2}{4}$  P7

high  
mid  
low

underblown multiphonic

indeterminate pitch

key click air

key click

closed slap tongue

air + multiphonic

closed ST air + pitch

*p* *mp* *p* *p*

34 35 36 37 38 39 40 41 42

**Violin**  $\frac{2}{4}$  P7

air noise

dumpen strings

LH

sp

msp

bow

III st

RH position

*pizz. ord*

LH gliss.

indeterminate pitch III

gliss.

II gliss.

*pizz.*

*mp* *p* *p* *p*

34 35 36 37 38 39 40 41 42

**Cello**  $\frac{2}{4}$  P7

air noise

sp

msp

on bridge (side)

*p*

gliss with the same trill interval

gradually increase trill speed

to harm

indeterminate pitch

*pizz.*

gliss.

II

*mp* *p* *p* *p*

34 35 36 37 38 39 40 41 42

**AV**  $\frac{2}{4}$  P7

javascript:showColour('ITL/scene/contentPaneMiddle', 'blue', 0)

transition:600,40,255,0,ITL/scene/contentPaneBottom

javascript:showColour('ITL/scene/contentPaneTop', 'red', 255)

transition:600,40,255,0,ITL/scene/contentPaneMiddle

transition:1200,40,255,0,ITL/scene/contentPaneTop

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javascript:setFile('ITL/scene/yuStar', 'rc/2\_2\_YuStar-Part.svg')

transition:600,40,255,0,ITL/scene/y-

34 35 36 37 38 39 40 41 42

**Bass Clarinet**  $\frac{2}{4}$  P8

high  
mid  
low

closed ST air + pitch

ST air + multiphonic

spectral multiphonics 3rd harm

4th harm.

indeterminate harm

*p* *P* *p* *P* *p* *P* *p* *P* *p*

43 44 45 46 47 48 49 50 51

**Violin**  $\frac{2}{4}$  P8

III IV

gliss.

pizz.

arco

intensive

ord

bow ord

gliss.

overpressure

ord

sp

msp

*p* *mp* *mp* *pp*

43 44 45 46 47 48 49 50 51

**Cello**  $\frac{2}{4}$  P8

III

I pizz.

dumpen strings

arco

mst

st

ord

msp

*p* *p* *pp* *p* *pp*

43 44 45 46 47 48 49 50 51

**AV**  $\frac{2}{4}$  P8

javascript:setFile('/ITL/sceneyuStar', 'rc5\_2\_YuStar-Part.svg')

transition:600,40,255,0 /ITL/sceney-

javascript:setFile('/ITL/sceneyuStar', 'rc3\_1\_YuStar-Part.svg')

transition:600,40,255,0 /ITL/sceney-

javascript:setFile('/ITL/sceneyuStar', 'rc4\_1\_YuStar-Part.svg')

transition:1200,40,255,0 /ITL/sceneyuStar

javascript:showColour('/ITL/sceneyuStar', 'red', 255)

javascript:showColour('/ITL/sceneyuStar', 'blue', 0)

transition:2400,40,0,255,0 /ITL/sceneyuStar

transition:600,40,255,0, /ITL/sceneyuStar

43 44 45 46 47 48 49 50 51

**Bass Clarinet**  $\frac{2}{4}$   $\frac{5}{4}$   $3+2+2$   $\frac{8}{8}$  P9

high  
mid  
low

indeterminate pitch  
key click + air  
key click + air  
key click + air  
underblown multiphonic  
open slap tongue pitched  
ST closed pitched  
open slap tongue pitched

*p* *mp* *p* *mp* *p*

52 53 54 55 56 57

**Violin**  $\frac{2}{4}$   $\frac{5}{4}$   $3+2+2$   $\frac{8}{8}$  P9

LH  
air noise  
IV  
st  
bow  
ord  
sp  
overpressure  
st  
behind bridge  
col legno ricochet III  
col legno hit & gliss  
col legno ricochet III

*p* *mp* *p*

52 53 54 55 56 57

**Cello**  $\frac{2}{4}$   $\frac{5}{4}$   $3+2+2$   $\frac{8}{8}$  P9

bow  
ord  
IV  
sp  
overpressure  
st  
behind bridge  
col legno battuto  
col legno hit & gliss  
col legno battuto

*p* *mp* *p*

52 53 54 55 56 57

**AV**  $\frac{2}{4}$   $\frac{5}{4}$   $3+2+2$   $\frac{8}{8}$  P9

transition:600,40,255,0, /ITL/scene/contentPaneMiddle  
javascript:showColour('/ITL/scene/contentPaneBottom', 'white', 255)  
transition:1800,40,255,0, /ITL/scene/contentPaneBottom  
javascript:showColour('/ITL/scene/contentPaneMiddle', 'blue', 255)  
javascript:showColour('/ITL/scene/contentPaneTop', 'red', 255)  
javascript:setFile('/ITL/scene/yuStar', 'src/yuStar.svg')  
transition:1800,40,255,0, /ITL/scene/contentPaneMiddle  
transition:2400,40,255,0, /ITL/scene/contentPaneTop  
transition:1200,40,255,0, /ITL/scene/yuStar  
javascript:setFile('/ITL/scene/macedoniaStar', 'src/YuStar.svg')  
transition:900,40,255,0, /ITL/scene/macedoniaStar  
transition:1500,40,255,0, /ITL/scene/macedoniaStar

52 53 54 55 56 57

## Bass Clarinet

P10

**3+2+2**  
8

high  
mid  
low

*p* key click open air ST  
closed ST  
ST multiph.  
air ST

58 59 60 61 62

## Violin

P10

**3+2+2**  
8

LH position  
bow ord

air noise  
half harmonic  
catch  
chop  
sp  
msp  
bow ord

*p* *p* *p*

58 59 60 61 62

## Cello

P10

**3+2+2**  
8

*p* *p* *p*

chop catch sp  
bow ord

58 59 60 61 62

## AV

P10

**3+2+2**  
8

javascript:showColour('/ITL/scene/contentPane-Bottom', 'red', 255)  
transition: 900, 40, 255, 0, /ITL/scene/contentPaneBottom

javascript:showColour('/ITL/scene/contentPane-Middle', 'red', 255)  
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transition: 1500, 40, 255, 0, /ITL/scene/contentPaneBottom

javascript:showColour('/ITL/scene/contentPane-Top', 'red', 255)  
transition: 900, 40, 255, 0, /ITL/scene/contentPaneTop  
transition: 1500, 40, 255, 0, /ITL/scene/contentPaneMiddle  
transition: 2100, 40, 255, 0, /ITL/scene/contentPaneBottom

58 59 60 61 62

## Bass Clarinet

P11

3+2+2  
8

high  
mid  
low

*p* *mp* *p*

air ST  
dolce

63 64 65 66 67

## Violin

P11

3+2+2  
8

*p* *mp* *p*

intensive  
dolce

bow ord  
sp  
msp  
overpressure

63 64 65 66 67

## Cello

P11

3+2+2  
8

*p* *mp* *mp* *mp*

chop  
catch  
col legno battuto  
LH dumpen strings  
bow ord

63 64 65 66 67

## AV

P11

3+2+2  
8

transition:2100,40,0,255,/ITL/scen /contentPaneTop transition:1500,40,0,255,/ITL/scen /contentPaneMiddle transition:900,40,0,255,/ITL/scen/ contentPaneBottom	javascript:setAl pha('/ITL/scen/contentPane Middle',0) javascript:setAl pha('/ITL/scen/content PaneBottom',0)	transition:300,40,255,0,/ITL/scen/ contentPaneTop transition:600,40,255,0,/ITL/scen/ contentPaneMiddle transition:900,40,0,255,/ITL/scen/ contentPaneBottom	transition:2100,40,0,255,/ITL/scen /contentPaneTop transition:1500,40,0,255,/ITL/scen /contentPaneMiddle transition:900,40,0,255,/ITL/scen/ contentPaneBottom	transition:900,40,255,0,/ITL/scen/ contentPaneMiddle transition:1500,40,255,0,/ITL/scen /contentPaneBottom
63	64	65	66	67

Bass Clarinet

3+2+2

8

high

mid

low

closed air slap tongue

key click

open air ST

p

p

closed ST

open ST

2/4

68 69 70 71 72 73 74

P12

Violin 3+2+2 8

half harmonic 1 + II

air III + IV

catch

chop

*mp*

*p*

68 69 70 71 72 73 74

indeterminate pitch

LH

air noise IV

bow ord

*p*

air

harm

harm

air

air

harm

P12

Cello  $3+2+2$   
8

*mp* *p* *sp* *msp* *p*

bow ord

III

68 69 70 71 72 73 74

AV										P12									
3+2+2 8										2 4									
javascript:setAlpha('ITL/scene/contentPaneTop', 0)  transition: 1500, 40, 0, 255, /ITL/scene/contentPaneMiddle  transition: 900, 40, 255, 0, /ITL/scene/contentPaneBottom										javascript:showColour('ITL/scene/contentPaneMiddle', 'blue', 0)  transition: 2400, 40, 0, 255, /ITL/scene/contentPaneMiddle									
68										74									
69										70									
transition: 900, 40, 255, 0, /ITL/scene/contentPaneMiddle  transition: 1500, 40, 255, 0, /ITL/scene/contentPaneBottom										javascript:showColour('ITL/scene/contentPaneBottom', 'white', 0)  transition: 2400, 40, 0, 255, /ITL/scene/contentPaneBottom									
71										72									
73										74									

## Bass Clarinet

P13

high  
mid  
low

75 76 77 78 79 80 81 82 83

*p* *mp* *p* *p* *p*

closed slap tongue  
air + multiphonic  
ST air + pitch  
air + pitch open ST

## Violin

P13

IV  
half harmonic  
III  
II  
IV  
III  
II  
IV  
III  
II

75 76 77 78 79 80 81 82 83

*p* *p* *p* *p* *p*

pizz. gliss. gliss. pizz. pizz.

indeterminate pitch

## Cello

P13

bow  
ord  
bow st  
st  
to harm  
flautando

75 76 77 78 79 80 81 82 83

*p* *p* *mp* *p* *p* *p* *p* *p* *p*

indeterminate pitch  
pizz. gliss. gliss. pizz. pizz.

## AV

P13

transi-  
tion:600,40,255,0  
/ITL/scene/con-  
tentPaneBottom

javascript:showCol-  
our('/ITL/scene/con-  
tentPaneTop', 'red',  
255)

transi-  
tion:600,40,255,  
0,/ITL/scene/con-  
tentPane-  
Middle

transi-  
tion:1200,40,255,0,/T  
L/scene/contentPane-  
Top

javascript:set-  
File('/ITL/scene/y  
uStar', 'rs-  
rc/3\_2\_YuStar-  
Part.svg')

transi-  
tion:600,40,255,0  
/ITL/scene/y-

75 76 77 78 79 80 81 82 83

## Bass Clarinet

P14

high  
mid  
low

closed slap tongue

ST air + multiphonic

air + pitch

*p*

*p* *mp* *qt* *p*

84 85 86 87 88 89 90 91 92

## Violin

P14

III

gliss.

pizz.

*p*

84 85 86 87 88 89 90 91 92

IV

arco

bow

indeterminate pitch

LH

air noise

IV

bow ord

*p*

## Cello

P14

*p*

I

pizz.

dampen strings

*p*

84 85 86 87 88 89 90 91 92

st

arco

gliss.

flautando

msp

III

pizz.

I III II I III II

*p*

## AV

P14

2/4

javascript:set-  
File('/ITL/sceney  
uStar', 'rs-  
rc/3\_1\_YuStar-  
Part.svg')

transi-  
tion:600,40,255,0  
/ITL/sceney-

84

javascript:set-  
File('/ITL/sceney  
uStar', 'rs-  
rc/4\_1\_YuStar-  
Part.svg')

transi-  
tion:1200,40,255,0,1  
ITL/sceneyuStar

85

javascript:showCol-  
our('/ITL/sceney/con  
tentPaneTop', 'red',  
255)

86

transi-  
tion:600,40,25  
5,0,/ITL/sceney/  
contentPane-  
Top

javascript:showCol-  
our('/ITL/sceney/con  
tentPaneMiddle',  
'blue', 0)

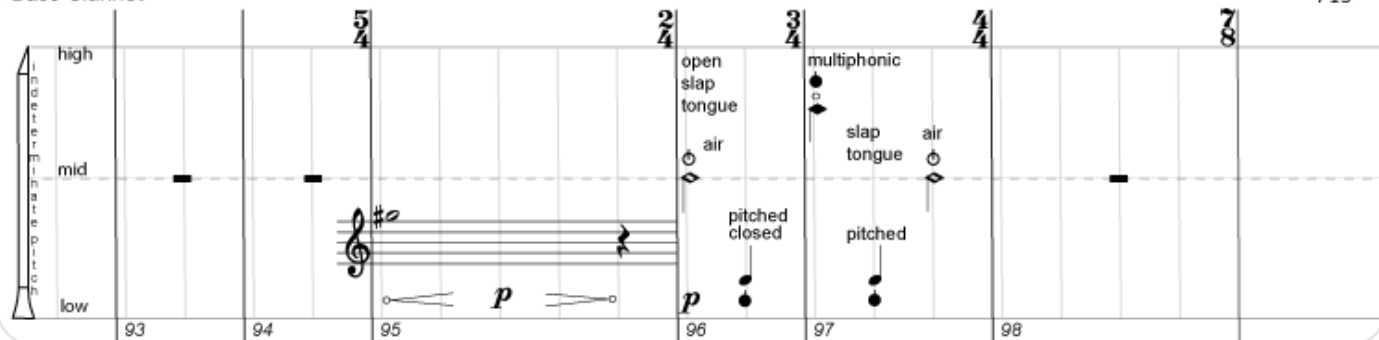
transi-  
tion:2400,40,0,255/IT  
L/sceney/contentPane-  
Middle

87 88 89 90 91 92



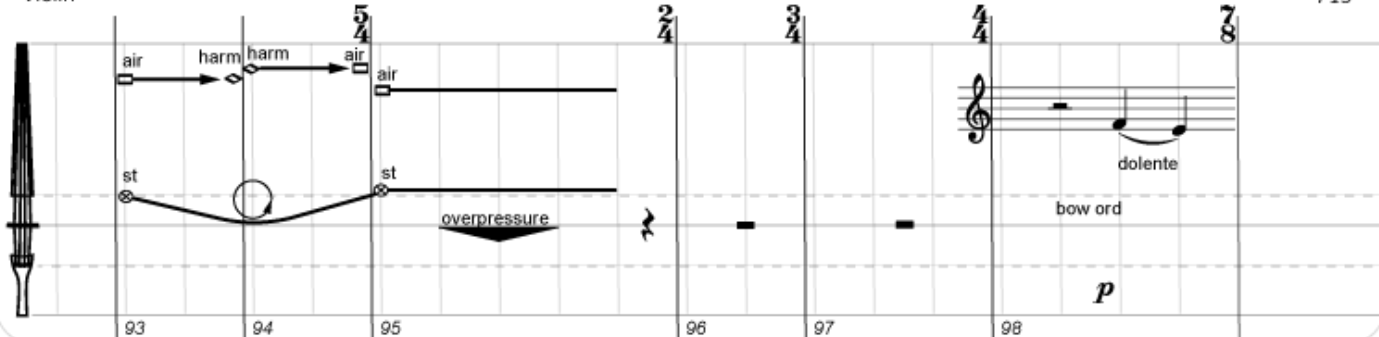
# Bass Clarinet

P15



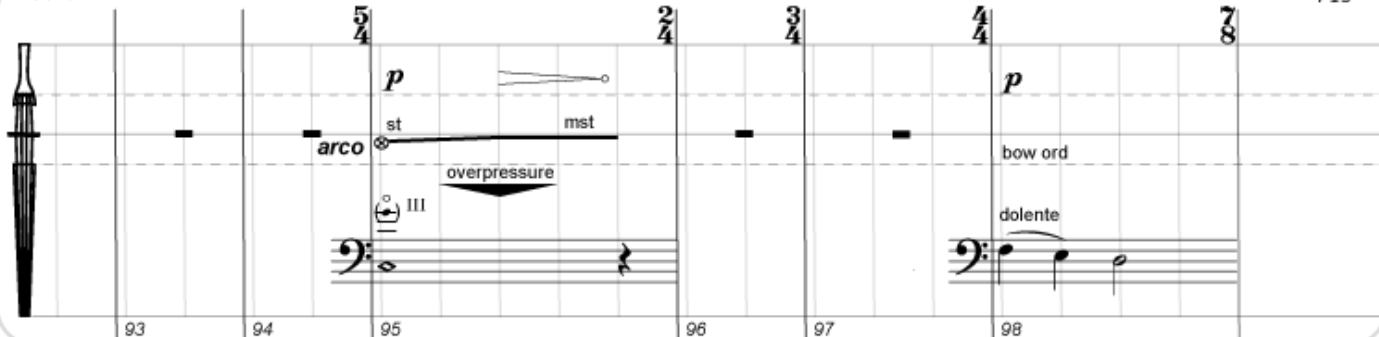
# Violin

P15



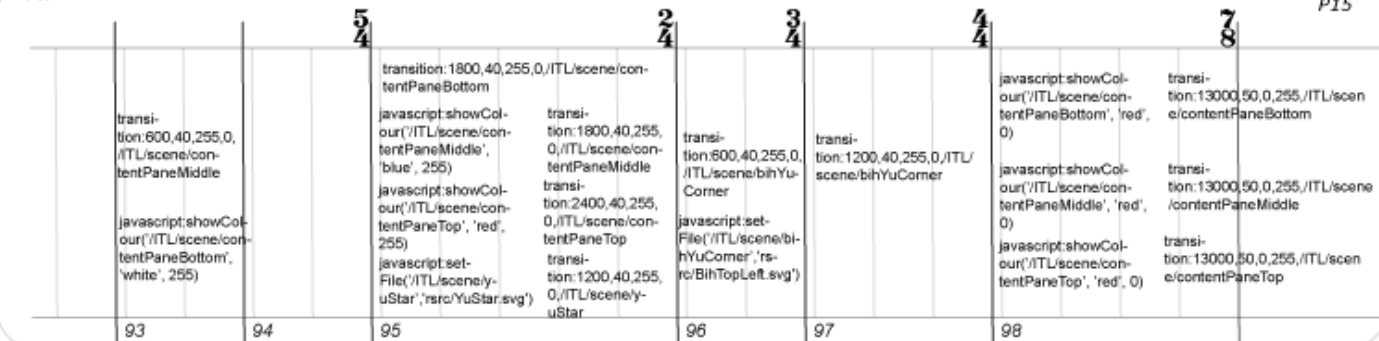
# Cello

P15



# AV

P15



Bass Clarinet

P16

3+2+2 2/4 3/4 4/4 3+2+2 2/4 3/4

high

*p*

*p* *p* *mp*

mid

dolente

low

99 100 101 102 103 104

Violin

P16

3+2+2 2/4 3/4 4/4 3+2+2 2/4 3/4

*p*

*mp*

99 100 101 102 103 104

Cello

P16

3+2+2 2/4 3/4 4/4 3+2+2 2/4 3/4

99 100 101 102 103 104

AV

P16

3+2+2 2/4 3/4 4/4 3+2+2 2/4 3/4

99 100 101 102 103 104

# Bass Clarinet

high  
mid  
low

*mp* *p* dolce

105 106 107 108 109 110

3/4 4/4 3+2+2/8 2/4 3/4 4/4 7/8 <sup>P17</sup>

# Violin

*p* *p* dolce

105 106 107 108 109 110

3/4 4/4 3+2+2/8 2/4 3/4 4/4 7/8 <sup>P17</sup>

# Cello

*p* *mp* *p* dolce

105 106 107 108 109 110

3/4 4/4 3+2+2/8 2/4 3/4 4/4 7/8 <sup>P17</sup>

# AV

transi-  
tion:15000,60,255,0,/ITL/scen  
e/contentPaneBottom

transi-  
tion:15000,60,255,0,/ITL/scen  
e/contentPaneMiddle

transi-  
tion:15000,60,255,0,/ITL/scen  
e/contentPaneTop

105 106 107 108 109 110

3/4 4/4 3+2+2/8 2/4 3/4 4/4 7/8 <sup>P17</sup>

# Bass Clarinet

P18

3+2+2 8 3 4

high  
mid  
low

*p* *p*

111 112 113 114 115 116

# Violin

P18

3+2+2 8 3 4

*p* *mp*

111 112 113 114 115 116

# Cello

P18

3+2+2 8 3 4

*p* *mp* *sp*

bow ord ⊗ slow down bow

111 112 113 114 115 116

# AV

P18

3+2+2 8 3 4

javascript:showColour('/ITL/scene/content-PaneBottom', 'red', 0)

transition:1800,40,0,255,/ITL/scene/contentPaneBottom

javascript:showColour('/ITL/scene/content-PaneMiddle', 'white', 0)

transition:2400,40,0,255,/ITL/scene/contentPaneMiddle

transition:1800,40,255,0,/ITL/scene/contentPaneBottom

111 112 113 114 115 116

# Bass Clarinet

P19

high  
mid  
low

117 118 119 120 121 122

gradually to air  
air flutter tongue  
air gliss.  
closed slap tongue  
multi phonic ST  
open ST air  
soft air  
pitched  
pitched

*p*

# Violin

P19

III + II  
gradually to air  
air  
harm.  
light pressure (multiphonic)  
sp  
msp  
bow  
ricochet + bow gliss  
IV  
LH gliss  
pizz. III  
arco  
col legno ricochet III  
slow bow  
behind bridge

117 118 119 120 121 122

*mp*  
*p*

# Cello

P19

bow  
sp  
overpressure  
IV  
air  
harm.  
light pressure (multiphonic)  
msp  
col legno battuto  
slow bow  
III  
gliss  
I  
pizz.  
arco  
slow bow  
col legno battuto  
behind bridge

117 118 119 120 121 122

*p*  
*p*  
*p*

# AV

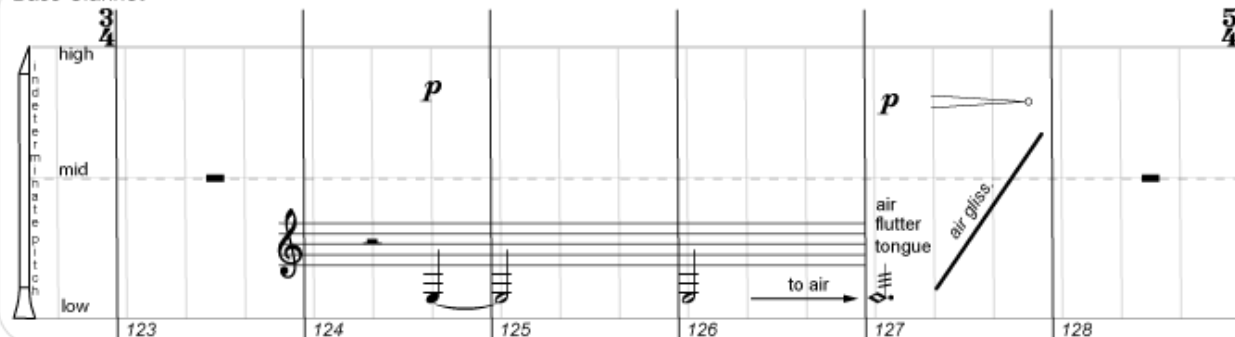
P19

117 118 119 120 121 122

javascript:showColour('ITL/scene/content-PaneTop', 'blue', 0)  
transition:1800,40,0,255,0,ITL/scene/contentPaneTop  
transition:1800,40,255,0,ITL/scene/contentPaneMiddle  
transition:1800,40,255,0,ITL/scene/contentPaneTop  
javascript:setFile('ITL/scene/yuStar', 'src/yuStar.svg')  
transition:1800,40,255,0,ITL/scene/yuStar  
transition:1800,40,255,0,ITL/scene/yuStar

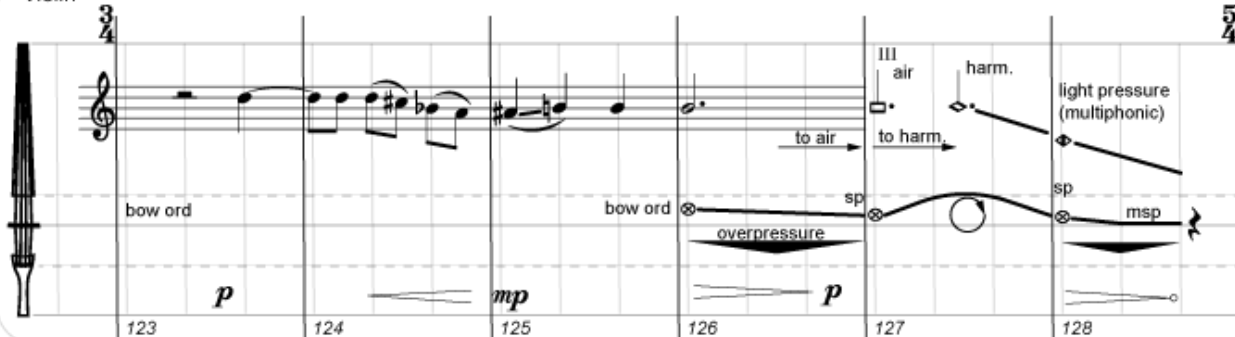
# Bass Clarinet

P20



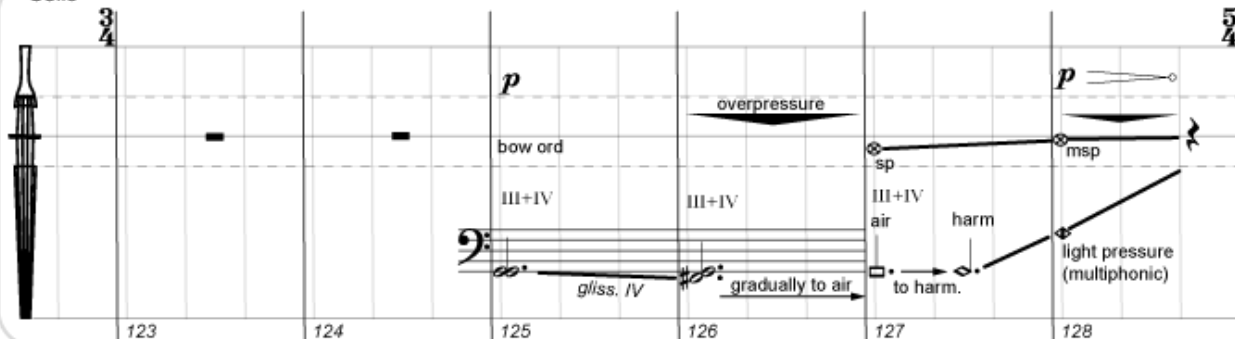
# Violin

P20



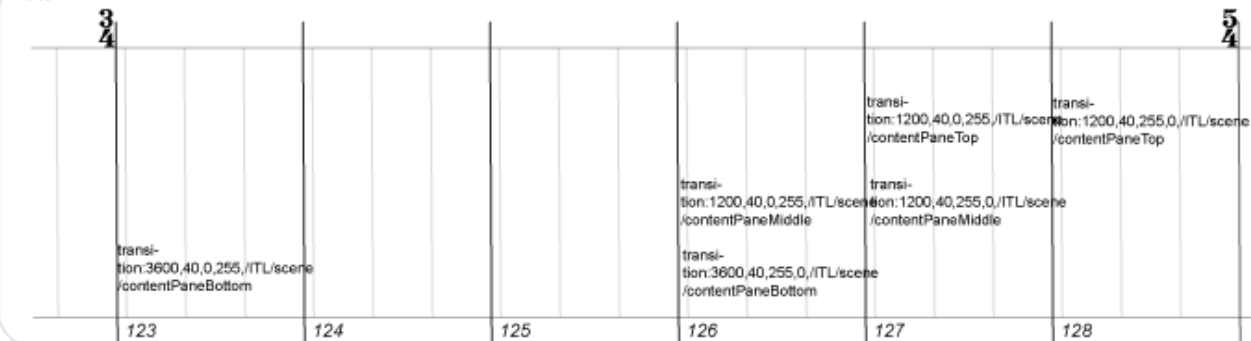
# Cello

P20



# AV

P20



# Bass Clarinet

P21

5/4 4/4 ♩ = 120

indeterminate pitch  
blue = multiphonic

high  
mid  
low

inhale  
air  
exhale

closed dyad multiphonic  
trill

*pp* *p*

129 130 131 132

# Violin

P21

5/4 4/4 ♩ = 120

IV III+IV  
let ring

bow ord

*p* *pp*

mutes off

left hand finger battuto (hammering)  
IV + III  
*p*

no bow

put bow away

129 130 131 132

# Cello

P21

5/4 4/4 ♩ = 120

col legno vertical gliss  
col legno gliss  
I  
bow  
let ring

col legno battuto behind bridge

LH dampen strings

mutes off

no bow

left hand finger battuto (hammering)  
IV + III  
*p*

put bow away

129 130 131 132

# AV

P21

5/4 4/4 ♩ = 120

transition:1200,40,255,0,/ITL/sceney-uStar

transition:1200,40,255,0,/ITL/scene/contentPaneTop

transition:1200,40,255,0,/ITL/scene/contentPaneMiddle

transition:1800,40,255,0,/ITL/scene/contentPaneBottom

javascript.showColour(/ITL/scene/contentPaneFull','eubue',0)

transition:4000,40,0,255,/ITL/scene/contentPaneFull

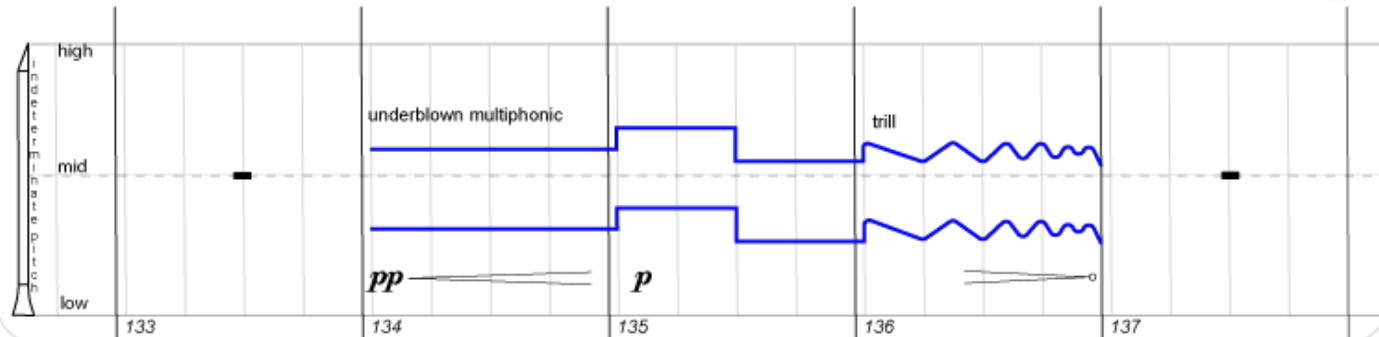
javascript.setFile(/ITL/scene/-flagDecorator','src/EuStarsTop3.svg')

transition:2000,40,255,0,/ITL/scene/flagDecorator

129 130 131 132

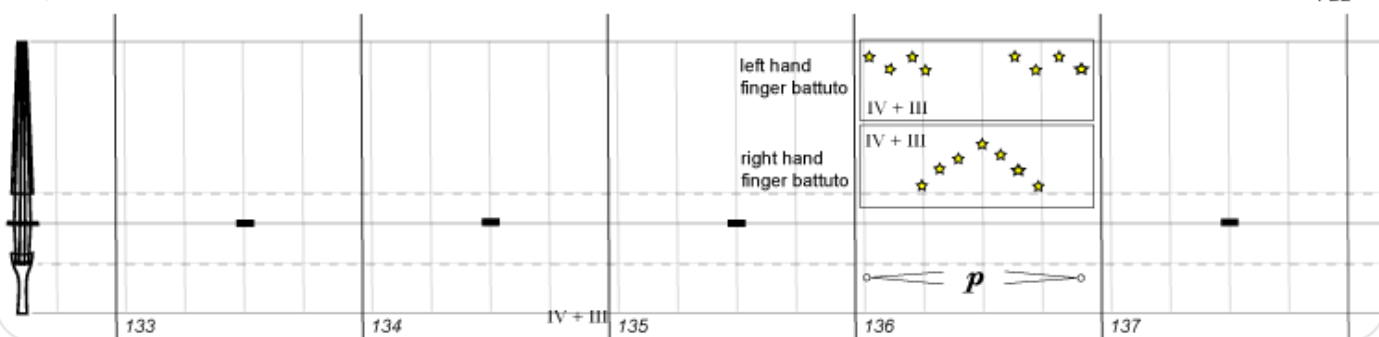
# Bass Clarinet

P22



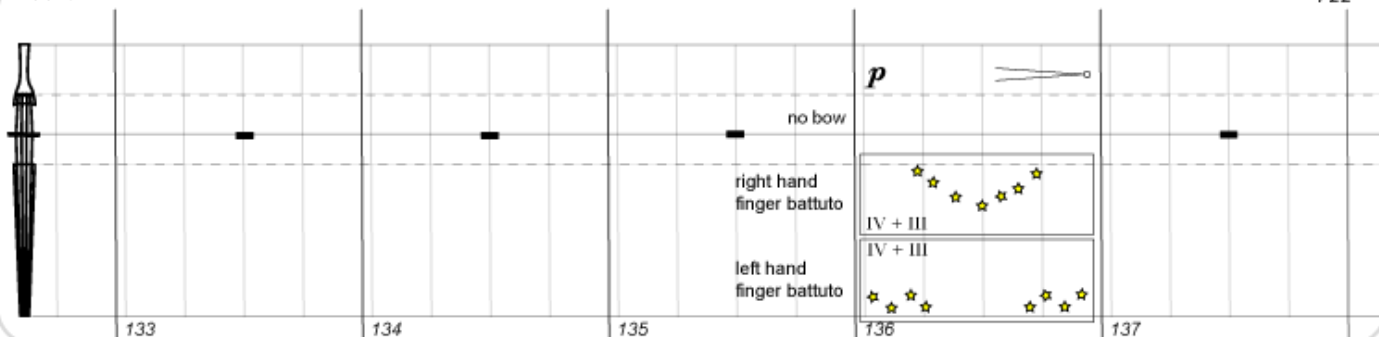
# Violin

P22



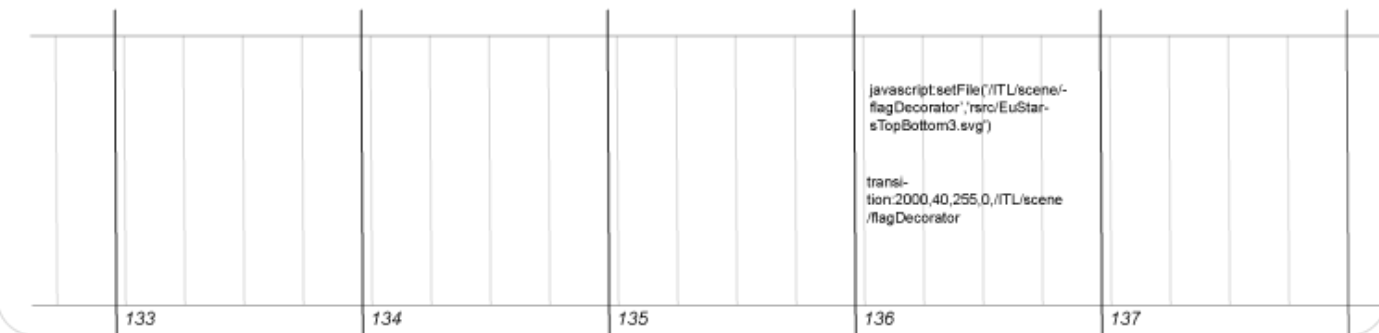
# Cello

P22



# AV

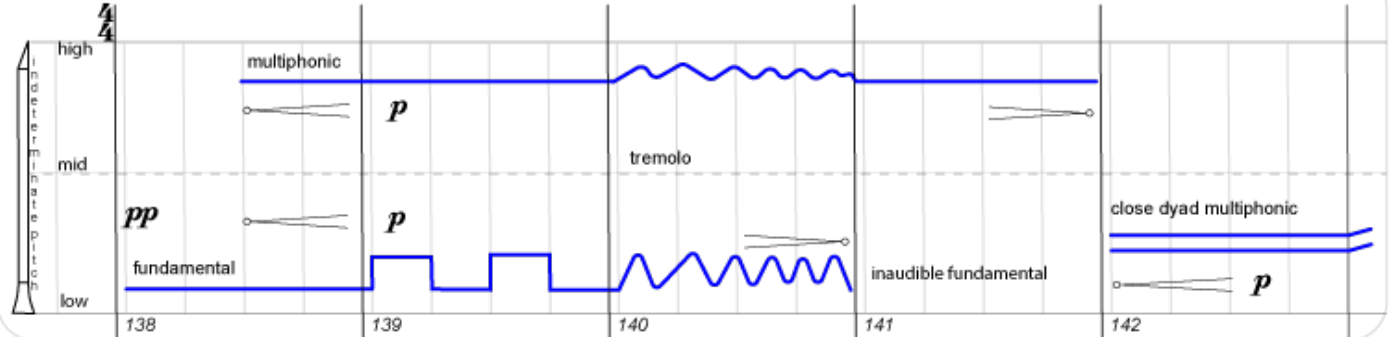
P22





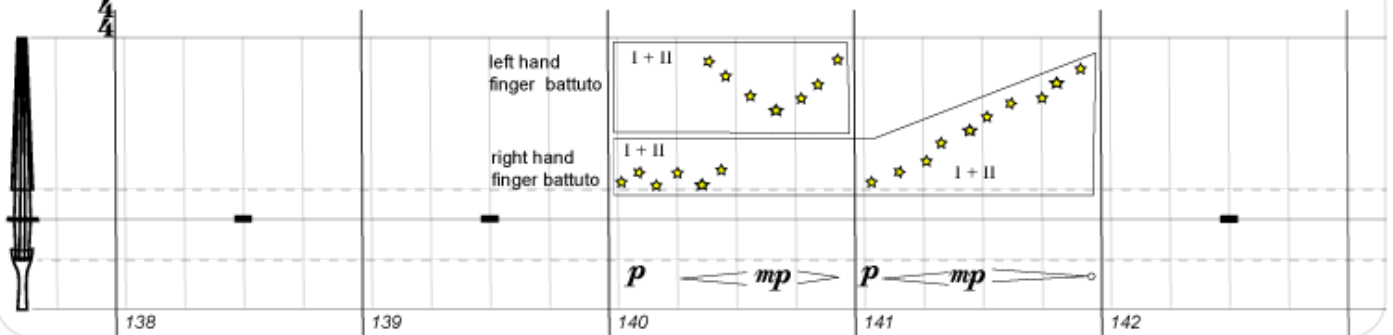
# Bass Clarinet

P23



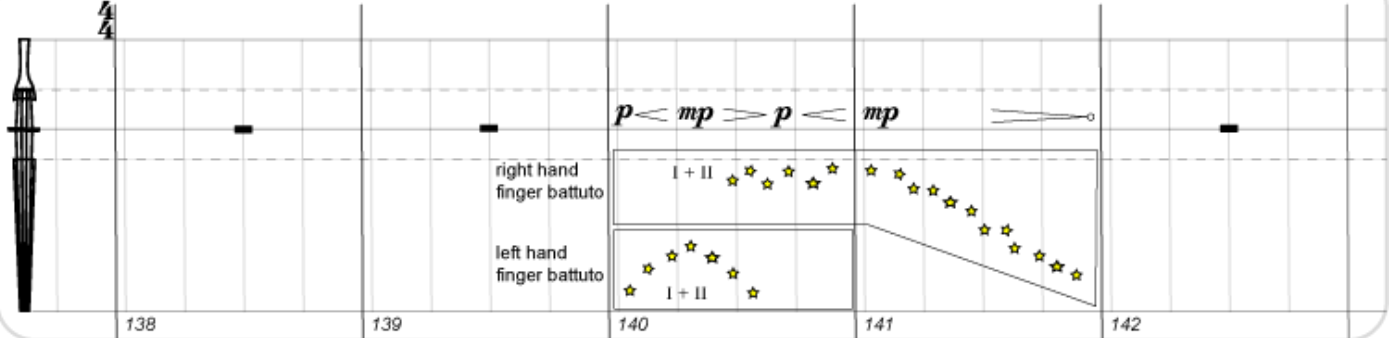
# Violin

P23



# Cello

P23



# AV

P23



# Bass Clarinet

P24

close dyad multiphonic trill *p*

close dyad multiphonic trill + flutter tongue *p*

143 144 145 146 147

# Violin

P24

left hand finger battuto *p*

left hand finger battuto *p*

right hand finger battuto *p* *mp*

take bow

143 144 145 146 147

# Cello

P24

left hand finger battuto *p*

right hand finger battuto *p* *mp*

take bow

143 144 145 146 147

# AV

P24

javascript:setFile('/ITL/scene/-flagDecorator', 'src/EuStarsTop3.svg')

transition:2000,40,255,0,/ITL/scene/flagDecorator

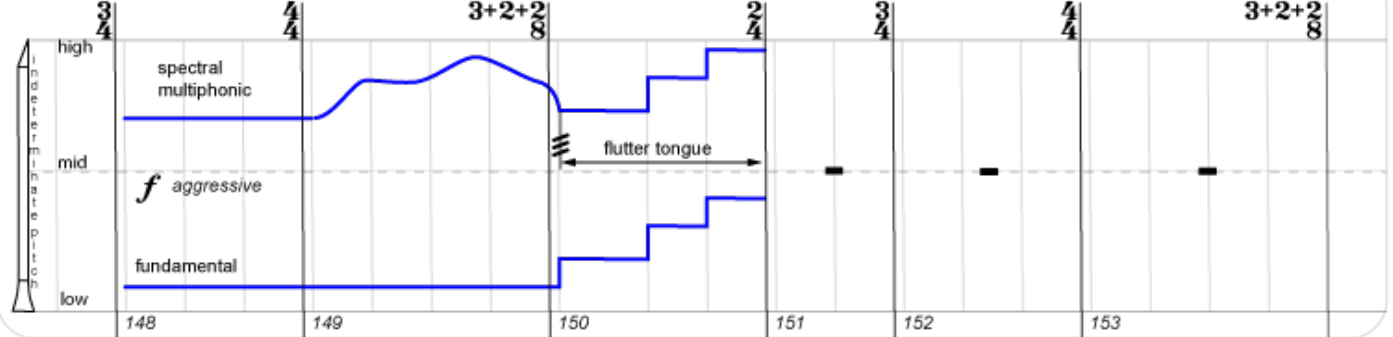
javascript:setFile('/ITL/scene/-flagDecorator', 'src/EuStarsTop3.svg')

transition:2000,40,255,0,/ITL/scene/flagDecorator

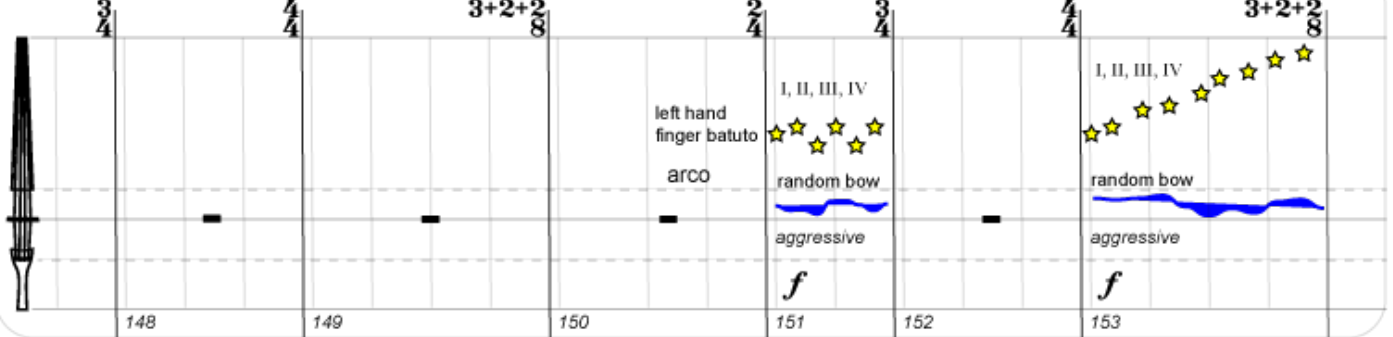
transition:2000,40,255,0,/ITL/scene/contentPaneFull

143 144 145 146 147

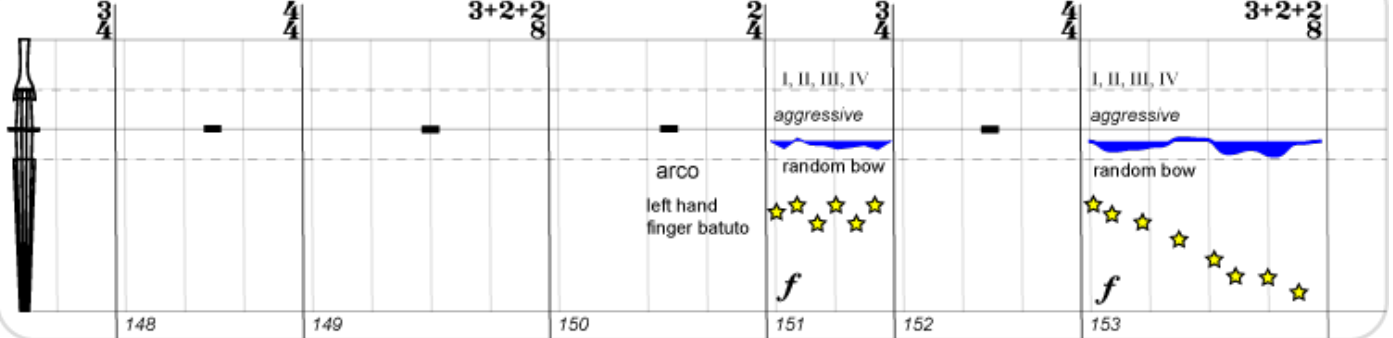
# Bass Clarinet



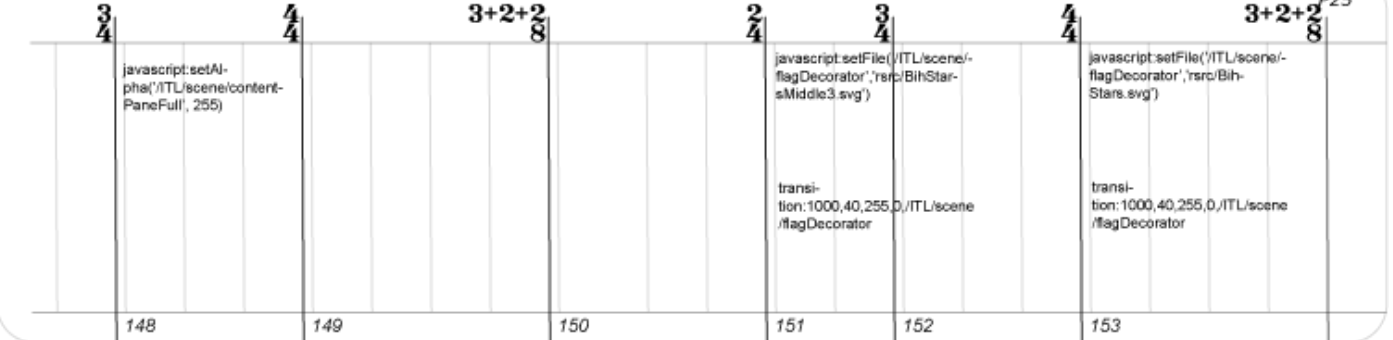
# Violin



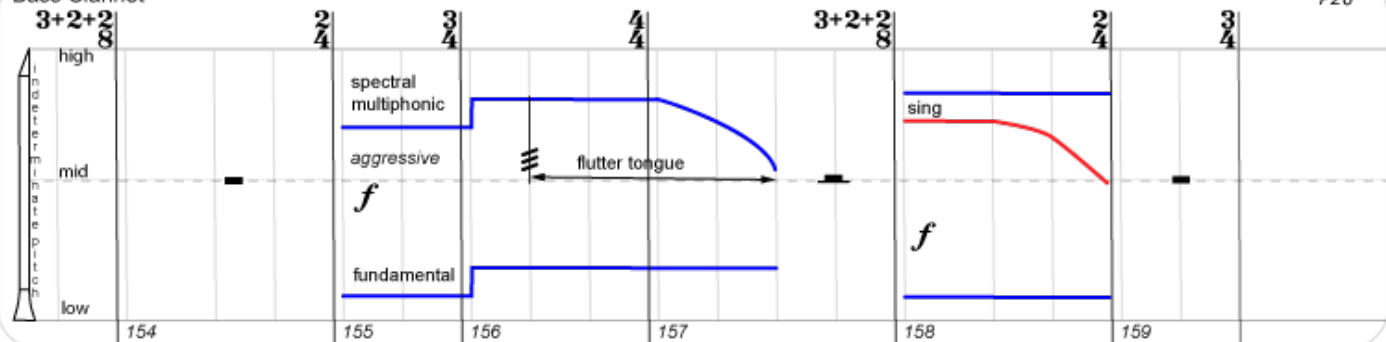
# Cello



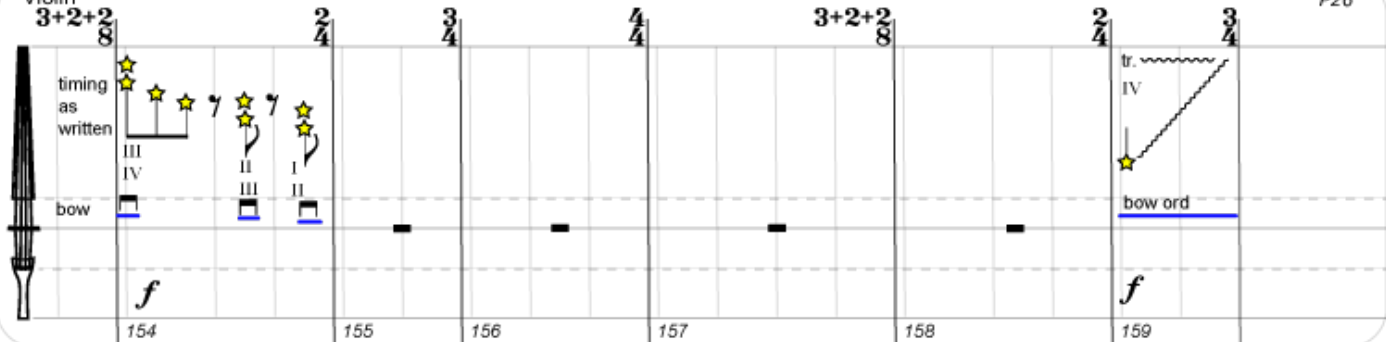
# AV



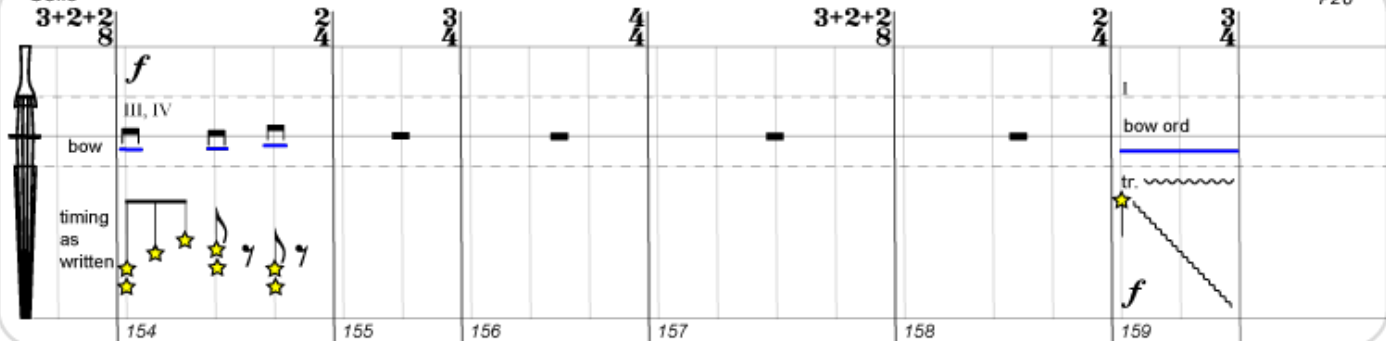
# Bass Clarinet



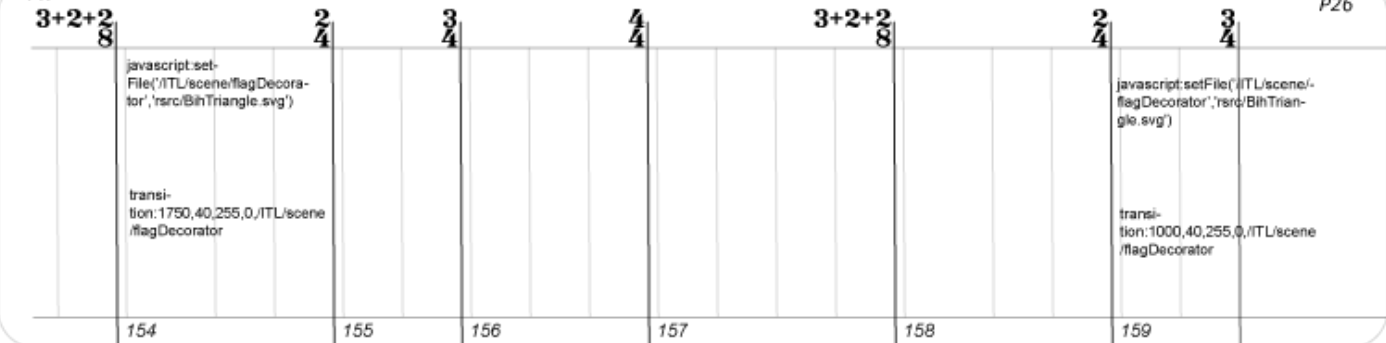
# Violin



# Cello



# AV



# Bass Clarinet

high  
mid  
low

spectral multiphonic

sing

*f*

fundamental

160 161 162 163 164 165

166

spectral multiphonic

sing approximate pitch

*p*

fundamental

163 164 165

166

# Violin

160 161 162 163 164 165

166

left hand finger battuto

random bow

*f*

aggressive

timing as written

*p*

163 164 165

166

# Cello

160 161 162 163 164 165

166

left hand finger battuto

random bow

*f*

aggressive

timing as written

*p*

163 164 165

166

# AV

160 161 162 163 164 165

166

javascript:setFile('/ITL/scene/-flagDecorator', 'src/BihStars.svg')

transition: 1000, 40, 255, 0, /ITL/scene /flagDecorator

163 164 165

166

javascript:setFile('/ITL/scene/-flagDecorator', 'src/BihTriangle.svg')

transition: 1750, 40, 255, 0, /ITL/scene /flagDecorator

163 164 165

166

javascript:setFile('/ITL/scene/-flagDecorator', 'src/BihStarsAndTriangle.svg')

transition: 7000, 40, 0, 255, /ITL/scene /flagDecorator

163 164 165

166

# Bass Clarinet

**3+2+2** **8** **3+2+2+2** **8** **4/4**  $\text{♩} = 100$  **P28**

high  
spectral multiphonic

mid  
sing approximate pitch

low  
fundamental

166 167 168 169 170

# Violin

**3+2+2** **8** **3+2+2+2** **8** **4/4**  $\text{♩} = 100$  **P28**

left hand  
finger  
battuto

no bow

166 167 168 169 170

# Cello

**3+2+2** **8** **3+2+2+2** **8** **4/4**  $\text{♩} = 100$  **P28**

left hand  
finger  
battuto

no bow

166 167 168 169 170

# AV

**3+2+2** **8** **3+2+2+2** **8** **4/4**  $\text{♩} = 100$  **P28**

166 167 168 169 170

# Bass Clarinet

P29

high

mid

low

*f* *mf*

171 172 173 174 175

# Violin

P29

*f* *ff*

171 172 173 174 175

# Cello

P29

*f* *ff*

171 172 173 174 175

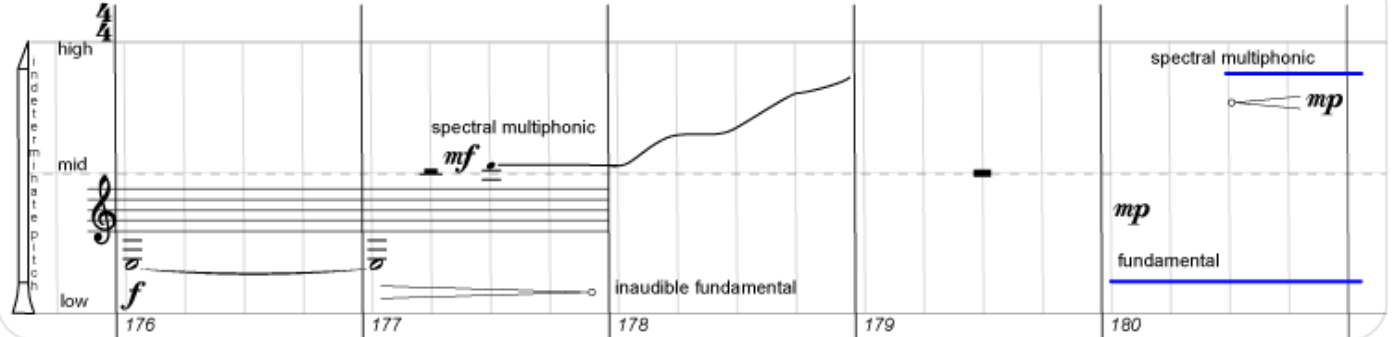
# AV

P29

171 172 173 174 175

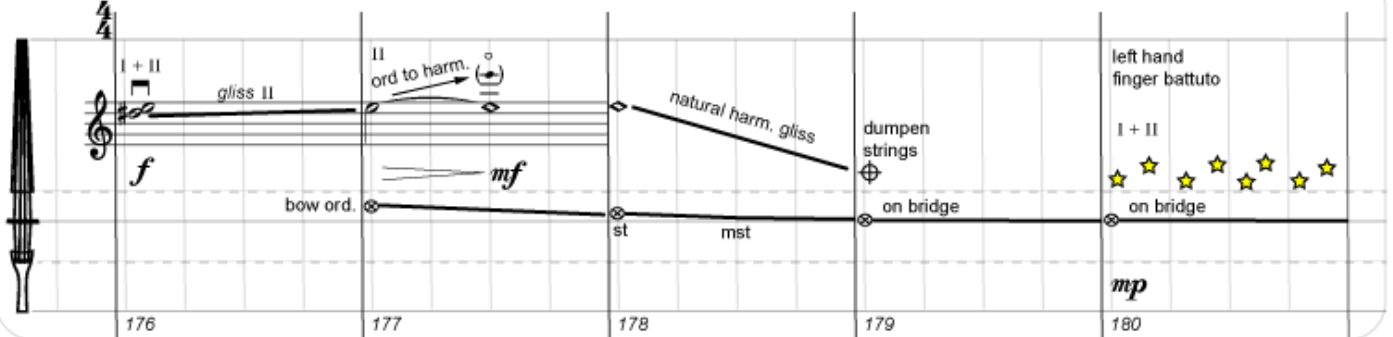
# Bass Clarinet

P30



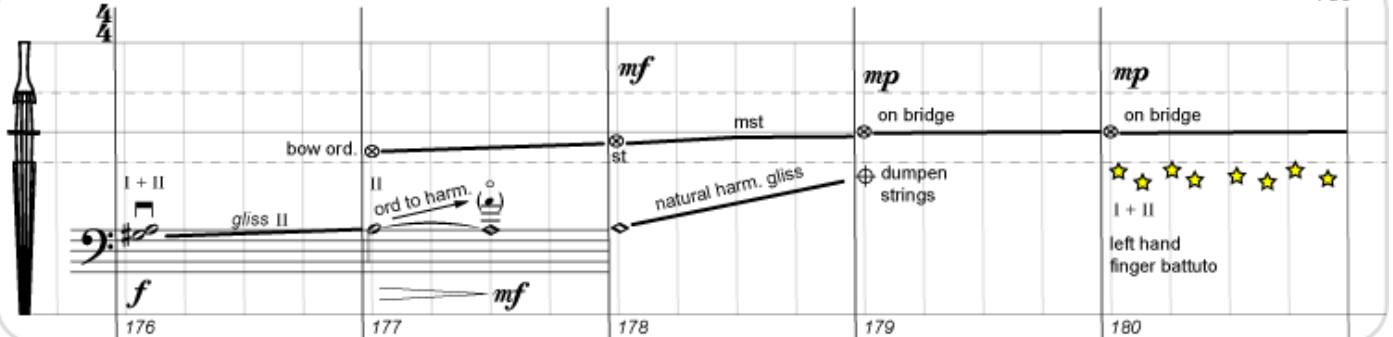
# Violin

P30



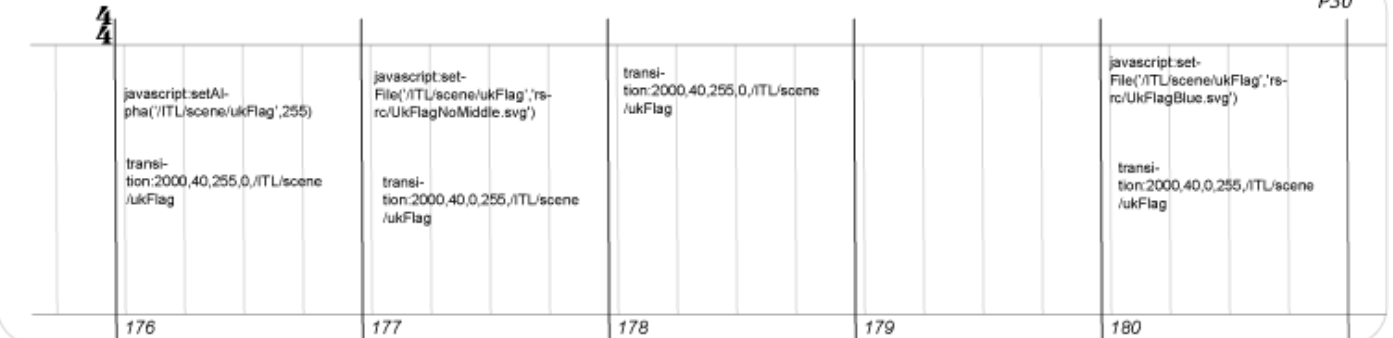
# Cello

P30



# AV

P30





# Bass Clarinet

4/4 P31 3/4

high  
mid  
low

tremolo

*mp* *f*

181 182 183 184 185

multiphonic slap tongue

*f* air slap tongue

# Violin

4/4 P31 3/4

I + II

random bow

*mf* *f*

181 182 183 184 185

dumpen strings

catch

5:4

chop

# Cello

4/4 P31 3/4

*mf* *f*

I + II random bow

left hand finger battuto

181 182 183 184 185

chop

catch

dumpen strings

# AV

4/4 P31 3/4

transi-  
tion:2000,40,255,0,/ITL/scene  
/ukFlag

javascript:set-  
File('/ITL/scene/ukFlag','re-  
src/UkFlagNoWhite.svg')

transi-  
tion:6000,40,0,255,/ITL/scene  
/ukFlag

181 182 183 184 185

# Bass Clarinet

P32

high  
mid  
low

closed slap tongue  
multi phonic ST  
open ST air  
air  
pitched ST  
pitched

186 187 188 189 190

# Violin

P32

chop  
ricochet + bow gliss  
IV  
LH gliss.  
pizz.  
arco  
overpressure  
col legno ricochet IV  
behind bridge  
gliss II  
overpressure

186 187 188 189 190

# Cello

P32

chop  
col legno battuto  
overpressure  
pizz.  
arco  
light pressure (multiph.)  
col legno battuto behind bridge  
gliss II  
overpressure

186 187 188 189 190

# AV

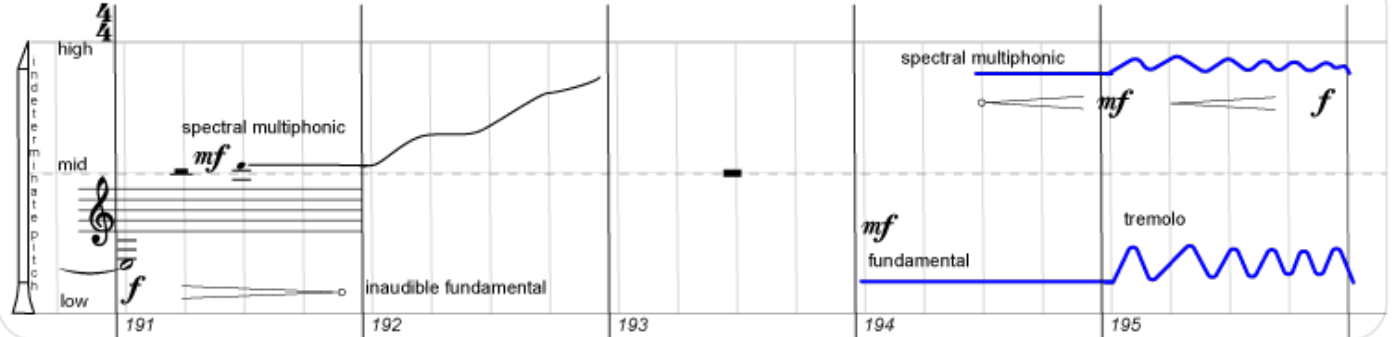
P32

transition:500,40,255,0,/ITL/scene/ukFlag  
javascript:set-File(/ITL/scene/youStar', 'rsrc/Y-uStar.svg')  
transition:2500,40,0,255,/ITL/scene/youStar  
transition:1000,40,255,0,/ITL/scene/youStar  
transition:2000,40,255,0,/ITL/scene/ukFlag  
javascript:set-File(/ITL/scene/ukFlag', 'rsrc/ukFlagRedLineArrow.svg')

186 187 188 189 190

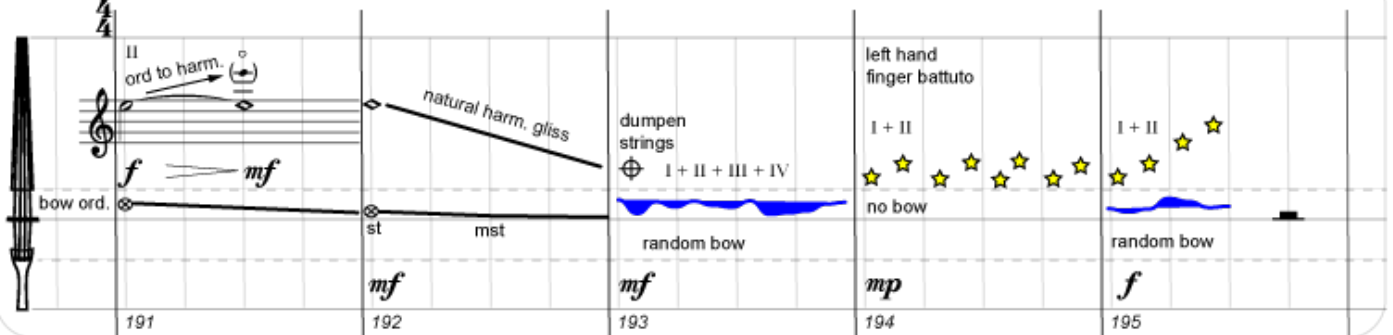
# Bass Clarinet

P33



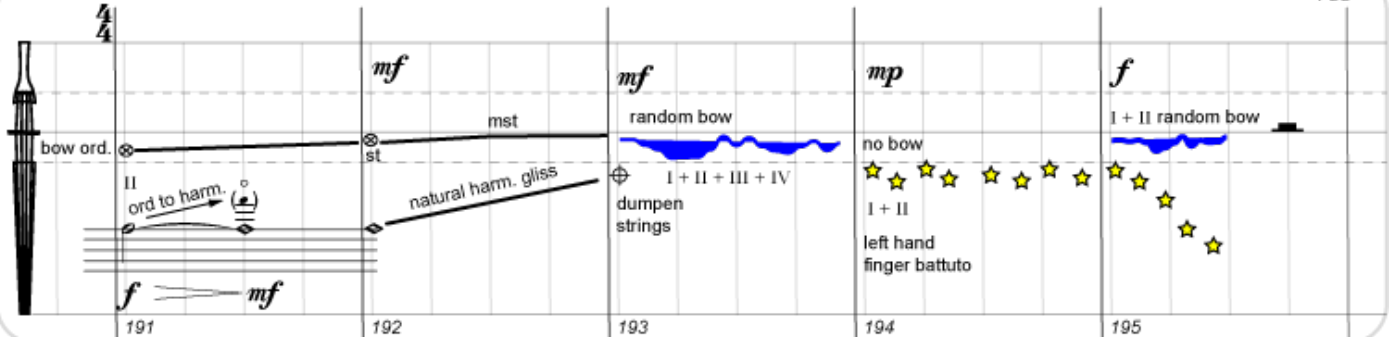
# Violin

P33



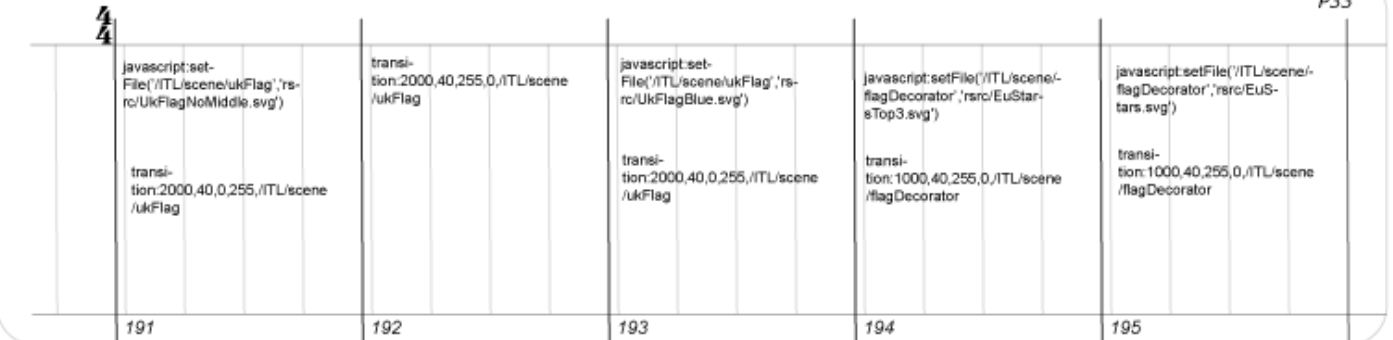
# Cello

P33



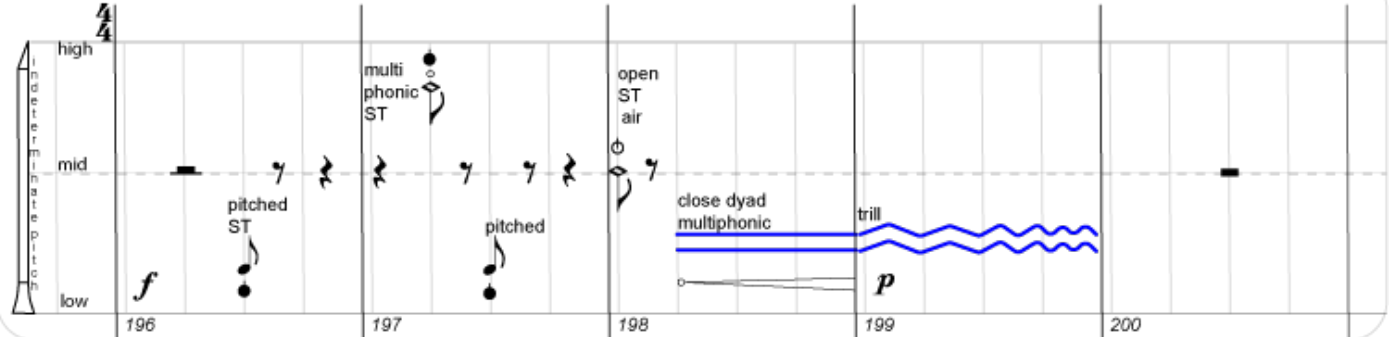
# AV

P33



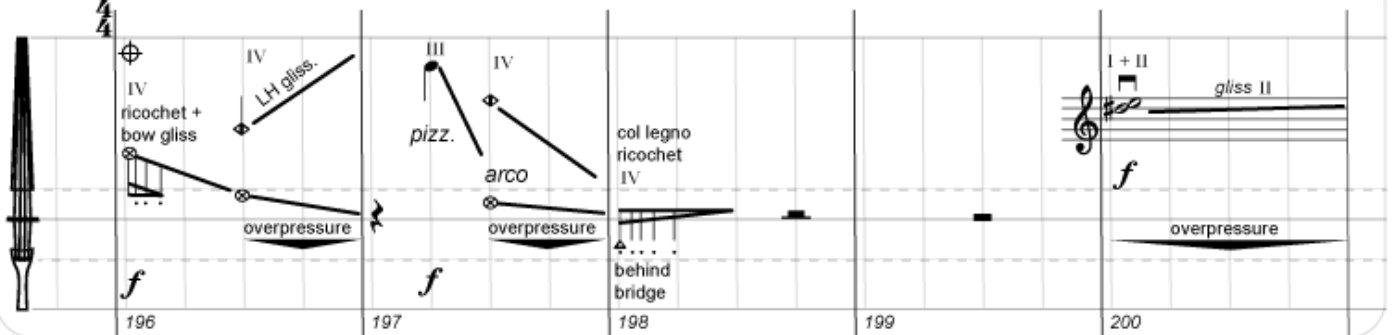
# Bass Clarinet

P34



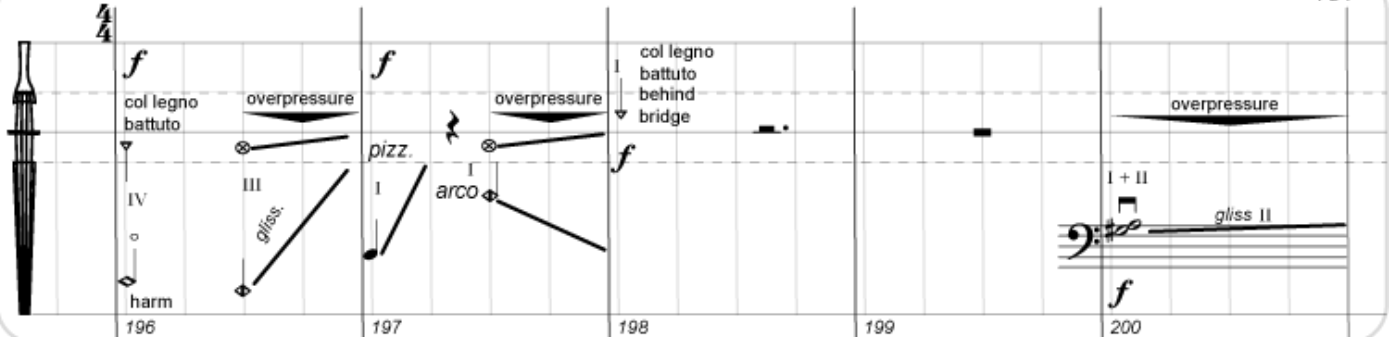
# Violin

P34



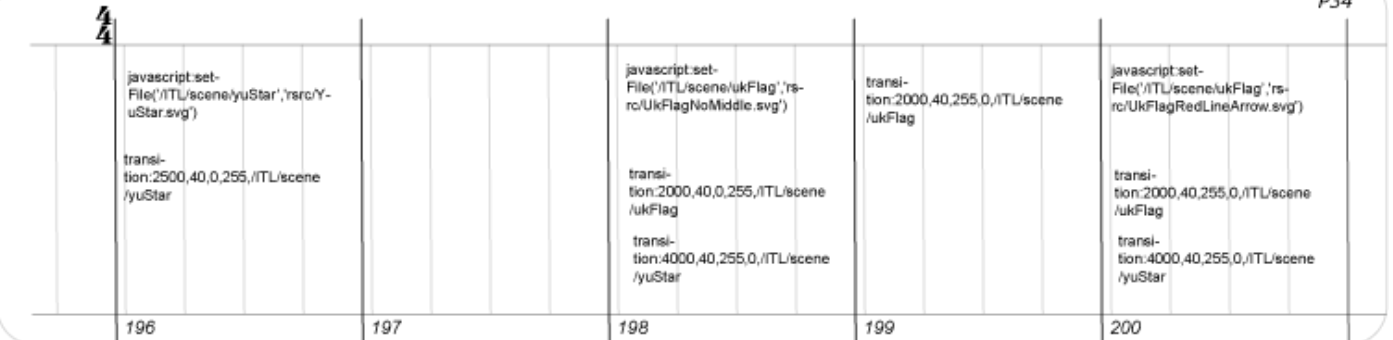
# Cello

P34



# AV

P34



## Bass Clarinet

P35

high  
mid  
low

close dyad multiphonic

trill

*p*

open slap tongue air

*p*

201 202 203 204

## Violin

P35

II

*f*

left hand finger battuto

III + IV

*p*

no bow

col legno battuto behind bridge IV

let ring

*p*

201 202 203 204

## Cello

P35

II

*f*

left hand finger battuto

I + II

*p*

no bow

I

col legno battuto behind bridge

*p*

201 202 203 204

## AV

P35

201 202 203 204

javascript:showColour('/ITL/scene/contentPaneFull','eubblue',0)

transition:4000,40,0,255,0,ITL/scene/contentPaneFull

transition:4000,40,255,0,ITL/scene/flagDecorator

javascript:setFile('/ITL/scene/flagDecorator','src/EuStars.svg')

transition:2000,40,255,0,ITL/scene/flagDecorator

transition:2000,40,255,0,ITL/scene/yuStar

transition:2000,40,255,0,ITL/scene/contentPaneFull