

Slavko Zagorac

Vexilla

for

Bass Clarinet

Violin

Violoncello

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 the performance. The conventional paper version of the score is provided for information and preparation purposes only.

Graphic staves












The graphic staves indicate performance actions and their approximate physical positions 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 placed on top of graphic staves when precise pitch intonation is required. Symbolic staves take precedence over the graphic staves and override any perceived graphic staff location.

Instrument symbols

Strings

-  left hand position, relative to the graphic 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 graphic clef
- m**sp - molto sul pointicello, **sp** - sul pointicello, **st** - sul tasto, **m**st - molto sul tasto
-  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
-  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)
- qt quarter tone
-  flutter tonguing
-  exhale (air sound)
-  inhale (air sound)
-  sing approximate pitch relative to the graphic staff
-  multiphonic - vertical distance indicate approximate interval between pitches

Bass Clarinet

3/4 $\text{♩} = 90$

high
mid
low

al niente *p* *pp* *ppp* *p* *mp* *mp*

qt spectral multiphonics inaudible fundamental

indeterminate pitch

inhale air inhale exhale

1 2 3 4 5 6

Violin

3/4 $\text{♩} = 90$

mutes on

IV IV IV

air noise ord

bow position mst mst st

bow overpressure

dampen strings

ord msp on bridge (side)

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

1 2 3 4 5 6

Cello

3/4 $\text{♩} = 90$

al niente

mutes on

bow position mst

IV

air noise to ord

ord to harm

IV

ord sp msp

bow overpressure

dampen strings

on bridge (side)

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

1 2 3 4 5 6

AV

3/4 $\text{♩} = 90$

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

2

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

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

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

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

1 2 3 4 5 6

Bass Clarinet

high
mid
low

indeterminate pitch
inhale
exhale
air

closed slap tongue
soft air

open slap tongue
air

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

qt qt

7 8 9 10 11 12

Violin

LH dampen strings
col legno ricochet + bow gliss
air noise II III III
LH gliss
IV bow gliss
col legno battuto
col legno ricochet + bow gliss

p *p* *p* *p*

7 8 9 10 11 12

Cello

on tailpiece
air + pitch
overpressure

col legno battuto
col legno
bow vertical gliss
LH dampen strings
dampen strings
arco
IV
gliss.

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

7 8 9 10 11 12

AV

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

javascript:setFile('/ITL/scene/youStar','rsrc6_1_YuStarPart.svg')

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

javascript:setFile('/ITL/scene/youStar','rsrc6_2_YuStarPart.svg')

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

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

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

transition:3600,40,0,255,1/TL/scene/contentPaneBottom

7 8 9 10 11 12

Bass Clarinet $\frac{3}{4}$ $\frac{5}{4}$ $\frac{4}{4}$

high
mid
low

spectral multiphonics
indeterminate pitch
inhale
exhale
air
air inhale
air

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

inaudible fundamental

13 14 15 16 17

Violin $\frac{3}{4}$ $\frac{5}{4}$ $\frac{4}{4}$

IV
ord
dampen strings
bow position
st
ord
msp
on bridge (side)
sp
overpressure
msp

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

13 14 15 16 17

Cello $\frac{3}{4}$ $\frac{5}{4}$ $\frac{4}{4}$

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

ord
msp
on bridge (side)
on tailpiece air + pitch
overpressure
p

st
st
ord
msp
ord to harm.
IV
gliss.
dampen strings

13 14 15 16 17

AV $\frac{3}{4}$ $\frac{5}{4}$ $\frac{4}{4}$

<pre>javascript:showColour('/ITL/scene/contentPaneMiddle', 'blue', 0)</pre>	<pre>transition:600,40,255,0,/ITL/scene/contentPaneBottom</pre>	<pre>javascript:showColour('/ITL/scene/contentPaneTop', 'white', 0)</pre>	<pre>transition:600,40,255,0,/ITL/scene/contentPaneMiddle</pre>	<pre>transition:1800,40,255,0,/ITL/scene/contentPaneTop</pre> <pre>javascript:showColour('/ITL/scene/contentPaneMiddle', 'blue', 255)</pre>
<pre>transition:3600,40,0,255,/ITL/scene/contentPaneMiddle</pre>		<pre>transition:2400,40,0,255,/ITL/scene/contentPaneTop</pre>		<pre>javascript:showColour('/ITL/scene/contentPaneBottom', 'red', 255)</pre>
13	14	15	16	17

13 14 15 16 17

Bass Clarinet 4/4

high
mid
low

spectral multiphonics
indeterminate harmonics
indeterminate harmonics

p
ppp
pp
mp

inaudible fundamental

18 19 20 21 22

Violin 4/4

air noise
left hand position
bow ord
mst
ord
gliss
light pressure (multiphonic)
sp
msp
dampen strings
on bridge (side)
ord I
overpressure
pp
p

18 19 20 21 22

Cello 4/4

p
flautando
ord
sp
msp
on bridge (side)
dampen strings
ord
overpressure
ppp

18 19 20 21 22

AV 4/4

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

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

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

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

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

18 19 20 21 22

Bass Clarinet $\frac{4}{4}$ P5

high
mid
low

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

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

23 24 25 26 27

Violin $\frac{4}{4}$ P5

light pressure (multiphonic)
slow bow
ord
gliss.
IV
gliss.
II
IV
III
gliss.
air noise II + III
gliss.
light pressure (multiphonic)
sp
msp

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

23 24 25 26 27

Cello $\frac{4}{4}$ P5

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

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

23 24 25 26 27

AV $\frac{4}{4}$ P5

<pre>transition:600,40,255,0,/ITL/scene/contentPane-Top</pre>	<pre>javascript:set-File('/ITL/scene/yuStar','rsrc/1_1_YuStar-Part.svg') transition:1200,40,255,0,/ITL/scene/yuStar</pre>	<pre>javascript:set-File('/ITL/scene/yuStar','rsrc/1_2_YuStar-Part.svg') transition:1800,40,255,0,/ITL/scene/yuStar</pre>	<pre>javascript:showColour('/ITL/scene/contentPaneBottom','blue',0) transition:2400,40,0,255,/ITL/scene/content-PaneBottom</pre>	<pre>javascript:showColour('/ITL/scene/contentPaneMiddle','white',0) transition:2400,40,0,255,/ITL/scene/content-PaneMiddle</pre>
23	24	25	26	27

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

high
mid
low

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

indeterminate pitch
key click + air
key click + av

qt qt

28 29 30 31 32 33

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

dampen strings
on bridge (side)
ord
mst
sp
flautando
LH
gliss
air
half harm
overpressure
bow
st
I + II
air noise
IV
LH
mp

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

28 29 30 31 32 33

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

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

flautando
ord
sp
mst
st
overpressure
mst
st
gliss.
half harm
air
bow
st
ord
air noise
IV
LH
dampen strings

28 29 30 31 32 33

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

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', 'rsic/YuStar.svg')

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

28 29 30 31 32 33

Bass Clarinet 2/4

high
mid
low

underblown multiphonic

key click air

indeterminate pitch

closed slap tongue

air + multiphonic

closed ST air + pitch

p *mp* *p* *p*

34 35 36 37 38 39 40 41 42

Violin 2/4

air noise

dampen strings

LH

sp msp

bow

mp

IV

III

st

p

pizz. ord

RH position

LH gliss.

III

gliss.

pizz.

gliss.

II

pizz.

indeterminate pitch

p *p* *p*

34 35 36 37 38 39 40 41 42

Cello 2/4

air noise

sp msp

bow

mp

IV

LH

dampen strings

on bridge (side)

p

pizz.

gliss with the same trill interval

gradually increase trill speed

to harm

gliss.

p *p* *p*

34 35 36 37 38 39 40 41 42

AV 2/4

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

transition:2400,40,0,255,/ITL/scene/contentPane-Middle

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

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

transition:600,40,255,0,/ITL/scene/contentPane-Middle

transition:1200,40,255,0,/ITL/scene/contentPane-Top

javascript:setFile('/ITL/scene/yuStar', 'resrc/3_2_YuStar-Part.svg')

javascript:setFile('/ITL/scene/yuStar', 'resrc/2_2_YuStar-Part.svg')

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

34 35 36 37 38 39 40 41 42

Bass Clarinet 2/4

high
mid
low

closed ST air + pitch
ST air + multiphonic
spectral multiphonics 3rd harm
4th harm.
indeterminate harm

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

43 44 45 46 47 48 49 50 51

Violin 2/4

III IV
arco
gliss.
pizz.
intensive
ord
overpressure
sp
msp

p *mp* *mp* *pp*

43 44 45 46 47 48 49 50 51

Cello 2/4

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

III
I pizz.
dampen strings
arco
mst
st
ord
msp

43 44 45 46 47 48 49 50 51

AV 2/4

<pre>javascript:setFile('/ITL/sceney/uStar', 'rs-rc/5_2_YuStar-Part.svg')</pre>	<pre>javascript:setFile('/ITL/sceney/uStar', 'rs-rc/3_1_YuStar-Part.svg')</pre>	<pre>javascript:setFile('/ITL/sceney/uStar', 'rs-rc/4_1_YuStar-Part.svg')</pre>	<pre>javascript:showColour('/ITL/scene/contentPaneTop', 'red', 255)</pre>	<pre>javascript:showColour('/ITL/scene/contentPaneMiddle', 'blue', 0)</pre>				
<pre>transition:600,40,255,0 /ITL/sceney-</pre>	<pre>transition:600,40,255,0 /ITL/sceney-</pre>	<pre>transition:1200,40,255,0 /ITL/sceney/uStar</pre>	<pre>transition:2400,40,0,255 /ITL/scene/contentPane-Middle</pre>	<pre>transition:600,40,255,0 /ITL/scene/contentPane-Top</pre>				
43	44	45	46	47	48	49	50	51

Bass Clarinet

Musical score for Bass Clarinet, measures 52-57. The score is divided into two time signatures: 2/4 (measures 52-54) and 5/4 (measures 55-57). The instrument is divided into high, mid, and low registers. Performance instructions include: indeterminate pitch, key click + air, key click + air, underblown multiphonic, open slap tongue pitched, and ST closed pitched. Dynamics range from *p* to *mp*.

Violin

Musical score for Violin, measures 52-57. The score is divided into two time signatures: 2/4 (measures 52-54) and 5/4 (measures 55-57). The score includes LH (Left Hand) and bowing instructions. Performance instructions include: air noise, air, half harmonic, air, behind bridge, col legno ricochet, col legno hit & gliss, and col legno ricochet. Dynamics range from *p* to *mp*.

Cello

Musical score for Cello, measures 52-57. The score is divided into two time signatures: 2/4 (measures 52-54) and 5/4 (measures 55-57). The score includes LH (Left Hand) and bowing instructions. Performance instructions include: dampen strings, air noise, air, half harmonic, air, behind bridge, col legno battuto, col legno hit & gliss, and col legno battuto. Dynamics range from *mp* to *p*.

AV

AV score, measures 52-57. This section contains JavaScript code for scene transitions and content pane management. The code includes transitions and actions for content panes and files.

```

transition:800,40,255,0, /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/youStar', 'rsrc/youStar.svg')

transition:1800,40,255,0, /ITL/scene/contentPaneMiddle
transition:2400,40,255,0, /ITL/scene/contentPaneTop
transition:1200,40,255,0, /ITL/scene/youStar

transition:900,40,255,0, /ITL/scene/macedoniaStar
javascript:setFile(/ITL/scene/macedoniaStar', 'rsrc/youStar.svg')

transition:1500,40,255,0, /ITL/scene/macedoniaStar

```

Bass Clarinet
3+2+2

P10

high
mid
low

p

key click
open air ST
closed ST
ST multiph.

air ST

58 59 60 61 62

Violin
3+2+2

P10

LH position
bow ord

air noise
half harmonic
catch
chop
sp
msp

III + IV
I + II
IV
V V
V V
V V

p

58 59 60 61 62

Cello
3+2+2

P10

p

chop
catch
III
IV
sp
V V

58 59 60 61 62

AV
3+2+2

P10

<p>javascript:showColour('/ITL/scene/contentPaneBottom', 'red', 255)</p> <p>transition:900,40,255,0,/ITL/scene/contentPaneBottom</p> <p>58</p>	<p>transition:900,40,255,0,/ITL/scene/contentPaneBottom</p> <p>59</p>	<p>javascript:showColour('/ITL/scene/contentPaneMiddle', 'red', 255)</p> <p>transition:900,40,255,0,/ITL/scene/contentPaneMiddle</p> <p>transition:1500,40,255,0,/ITL/scene/contentPaneBottom</p> <p>60</p>	<p>transition:900,40,255,0,/ITL/scene/contentPaneMiddle</p> <p>transition:1500,40,255,0,/ITL/scene/contentPaneBottom</p> <p>61</p>	<p>javascript:showColour('/ITL/scene/contentPaneTop', 'red', 255)</p> <p>transition:900,40,255,0,/ITL/scene/contentPaneTop</p> <p>transition:1500,40,255,0,/ITL/scene/contentPaneMiddle</p> <p>transition:2100,40,255,0,/ITL/scene/contentPaneBottom</p> <p>62</p>
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Bass Clarinet
3+2+2

high
mid
low

p

3

air ST

dolce

p

63 64 65 66 67

Violin
3+2+2

intensive

3

dolce

bow ord

bow ord

sp

msp

overpressure

p

mp

p

63 64 65 66 67

Cello
3+2+2

p

mp

mp

mp

chop

catch

col legno battuto

chop

catch

LH dampen strings

bow ord

63 64 65 66 67

AV
3+2+2

<p>transi- tion:2100,40,0,255,/ITL/scene/ /contentPaneTop</p> <p>transi- tion:1500,40,0,255,/ITL/scene/ /contentPaneMiddle</p> <p>transi- tion:900,40,0,255,/ITL/scene/ /contentPaneBottom</p>	<p>javascript:setAl- pha('/ITL/scene/contentPane- Middle',0)</p> <p>javascript:setAl- pha('/ITL/scene/content- PaneBottom',0)</p>	<p>transi- tion:300,40,255,0,/ITL/scene/ /contentPaneTop</p> <p>transi- tion:600,40,255,0,/ITL/scene/ /contentPaneMiddle</p> <p>transi- tion:900,40,0,255,/ITL/scene/ /contentPaneBottom</p>	<p>transi- tion:2100,40,0,255,/ITL/scene/ /contentPaneTop</p> <p>transi- tion:1500,40,0,255,/ITL/scene/ /contentPaneMiddle</p> <p>transi- tion:900,40,0,255,/ITL/scene/ /contentPaneBottom</p>	<p>transi- tion:900,40,255,0,/ITL/scene/ /contentPaneMiddle</p> <p>transi- tion:1500,40,255,0,/ITL/scene/ /contentPaneBottom</p>
63	64	65	66	67

Bass Clarinet

3+2+2 $\frac{2}{8}$ P12

high
mid
low

closed air slap tongue

p key click open air ST

p closed ST open ST

68 69 70 71 72 73 74

Violin

3+2+2 $\frac{2}{8}$ P12

half harmonic 1 + II

air III + IV

catch chop

mp *p*

indeterminate LH

air noise IV

bow ord

air harm harm air air harm

68 69 70 71 72 73 74

Cello

3+2+2 $\frac{2}{8}$ P12

mp *p*

bow ord sp msp

0 V V 0 V V 0 V

3

bow ord III

p

68 69 70 71 72 73 74

AV

3+2+2 $\frac{2}{8}$ P12

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

transition:1500,40,0,255,/ITL/scene/contentPaneMiddle

transition:900,40,255,0,/ITL/scene/contentPaneBottom

68

transition:900,40,255,0,/ITL/scene/contentPaneMiddle

transition:1500,40,255,0,/ITL/scene/contentPaneBottom

69

transition:1500,40,255,0,/ITL/scene/contentPaneBottom

70

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

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

71

72

73

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

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

74

Bass Clarinet

high
mid
low

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

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

75 76 77 78 79 80 81 82 83

Violin

IV half harmonic
III II
IV III II
IV
III
II
III
IV

p *p* *pizz.* *gliss.* *pizz.* *pizz.*

indeterminate pitch

75 76 77 78 79 80 81 82 83

Cello

p *p* *mp* *p* *p* *p* *pizz.*

indeterminate pitch

bow ord
bow st
st
flautando
pizz.

75 76 77 78 79 80 81 82 83

AV

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

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

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

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

javascript:setFile('/ITL/scene/yuStar', 'src/3_2_YuStar-Part.svg')

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

javascript:setFile('/ITL/scene/yuStar', 'src/5_2_YuStar-Part.svg')

transition: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

air + pitch

ST air + multiphonic

p *mp* *qt* *p*

84 85 86 87 88 89 90 91 92

Violin

P14

III
gliss.
pizz.

arco

LH
indeterminate pitch

air noise
IV

bow
ord

p *p* *p*

84 85 86 87 88 89 90 91 92

Cello

P14

I
pizz.

dampen strings

arco

st

III
msp
flautando

pizz.

p *p* *p*

84 85 86 87 88 89 90 91 92

AV

P14

javascript:setFile('/ITL/scene/yuStar', 'rc/3_1_YuStar-Part.svg')

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

84

javascript:setFile('/ITL/scene/yuStar', 'rc/4_1_YuStar-Part.svg')

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

85

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

86

transition:800,40,255,0, /ITL/scene/contentPaneTop

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

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

87 88 89 90 91 92

Bass Clarinet

P15

Diagram illustrating the performance of the Bass Clarinet part across measures 93 to 98. The instrument is shown vertically with a dashed line indicating the air flow path. The diagram is divided into measures 93, 94, 95, 96, 97, and 98, with time signatures 5/4, 2/4, 3/4, 4/4, and 7/8 indicated above the staff. Key performance elements include:

- Measures 93-94:** Air flow is shown as a horizontal line. Musical notation shows a whole note in 5/4 time.
- Measure 95:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 5/4 time.
- Measure 96:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 2/4 time.
- Measure 97:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 3/4 time.
- Measure 98:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 4/4 time.

Performance techniques and fingerings are labeled: "open slap tongue", "air", "pitched closed", "multiphonic", "slap tongue", "pitched", and "air". Dynamics include *p* (piano).

Violin

P15

Diagram illustrating the performance of the Violin part across measures 93 to 98. The instrument is shown vertically with a dashed line indicating the air flow path. The diagram is divided into measures 93, 94, 95, 96, 97, and 98, with time signatures 5/4, 2/4, 3/4, 4/4, and 7/8 indicated above the staff. Key performance elements include:

- Measures 93-94:** Air flow is shown with a horizontal line. Musical notation shows a whole note in 5/4 time.
- Measure 95:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 5/4 time.
- Measure 96:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 2/4 time.
- Measure 97:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 3/4 time.
- Measure 98:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 4/4 time.

Performance techniques and fingerings are labeled: "air", "harm", "st", "overpressure", "dolente", and "bow ord". Dynamics include *p* (piano).

Cello

P15

Diagram illustrating the performance of the Cello part across measures 93 to 98. The instrument is shown vertically with a dashed line indicating the air flow path. The diagram is divided into measures 93, 94, 95, 96, 97, and 98, with time signatures 5/4, 2/4, 3/4, 4/4, and 7/8 indicated above the staff. Key performance elements include:

- Measures 93-94:** Air flow is shown with a horizontal line. Musical notation shows a whole note in 5/4 time.
- Measure 95:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 5/4 time.
- Measure 96:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 2/4 time.
- Measure 97:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 3/4 time.
- Measure 98:** Air flow is shown with a downward curve labeled "overpressure". Musical notation shows a half note in 4/4 time.

Performance techniques and fingerings are labeled: "arco", "st", "mst", "overpressure", "dolente", and "bow ord". Dynamics include *p* (piano).

AV

P15

Diagram illustrating the AV (Audio/Visual) part across measures 93 to 98. The diagram is divided into measures 93, 94, 95, 96, 97, and 98, with time signatures 5/4, 2/4, 3/4, 4/4, and 7/8 indicated above the staff. Key performance elements include:

- Measure 93:** transition: 600, 40, 255, 0, /ITL/scene/contentPaneMiddle
- Measure 94:** javascript: showColour(/ITL/scene/contentPaneBottom', 'white', 255)
- Measure 95:** 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')
- Measure 96:** transition: 1800, 40, 255, 0, /ITL/scene/contentPaneMiddle; transition: 2400, 40, 255, 0, /ITL/scene/contentPaneTop; transition: 1200, 40, 255, 0, /ITL/scene/yuStar
- Measure 97:** transition: 600, 40, 255, 0, /ITL/scene/bihYuCorner; javascript: setFile(/ITL/scene/bihYuCorner', 'src/BihTopLeft.svg')
- Measure 98:** javascript: showColour(/ITL/scene/contentPaneBottom', 'red', 0); javascript: showColour(/ITL/scene/contentPaneMiddle', 'red', 0); javascript: showColour(/ITL/scene/contentPaneTop', 'red', 0)

Transitions and JavaScript code are labeled: 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; transition: 600, 40, 255, 0, /ITL/scene/bihYuCorner; javascript: setFile(/ITL/scene/bihYuCorner', 'src/BihTopLeft.svg'); javascript: showColour(/ITL/scene/contentPaneBottom', 'red', 0); javascript: showColour(/ITL/scene/contentPaneMiddle', 'red', 0); javascript: showColour(/ITL/scene/contentPaneTop', 'red', 0); transition: 13000, 50, 0, 255, /ITL/scene/contentPaneBottom; transition: 13000, 50, 0, 255, /ITL/scene/contentPaneMiddle; transition: 13000, 50, 0, 255, /ITL/scene/contentPaneTop

Bass Clarinet

3+2+2/8, 2/4, 3/4, 4/4, 3+2+2/8, 2/4, 3/4

high
mid
low

p *p* *p* *mp*

dolente

99 100 101 102 103 104

Violin

3+2+2/8, 2/4, 3/4, 4/4, 3+2+2/8, 2/4, 3/4

p *mp*

99 100 101 102 103 104

Cello

3+2+2/8, 2/4, 3/4, 4/4, 3+2+2/8, 2/4, 3/4

99 100 101 102 103 104

AV

3+2+2/8, 2/4, 3/4, 4/4, 3+2+2/8, 2/4, 3/4

99 100 101 102 103 104

Bass Clarinet P17

high
mid
low

mp *p* *dolce*

105 106 107 108 109 110

Violin P17

p *dolce*

105 106 107 108 109 110

Cello P17

p *mp* *p* *dolce*

105 106 107 108 109 110

AV P17

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

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

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

105 106 107 108 109 110

Bass Clarinet

3+2+2 $\frac{3}{4}$

high
mid
low

p

111 112 113 114 115 116

Violin

3+2+2 $\frac{3}{4}$

p *mp*

111 112 113 114 115 116

Cello

3+2+2 $\frac{3}{4}$

p *mp* *msp* *sp*

bow ord slow down bow bow ord

111 112 113 114 115 116

AV

3+2+2 $\frac{3}{4}$

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:1800,40,0,255,0,/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
soft air
pitched
multi phonic ST
open ST air
pitched

p

Violin

P19

III + II
gradually to air
overpressure
mp

117 118 119 120 121 122

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

p

Cello

P19

p
overpressure
gradually to air
117 118 119 120 121 122

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

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

javascript:setFile('/ITL/scene/youStar', 'rsrc/youStar.svg')
transition:1800,40,255,0,ITL/scene/youStar

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

Bass Clarinet

P20

high
mid
low

123 124 125 126 127 128

p *p*

air flutter tongue
air gliss.

to air

Violin

P20

high
mid
low

123 124 125 126 127 128

p *mp* *p*

to air
to harm.

III air
harm.

light pressure (multiphonic)
sp
msp

bow ord
overpressure

Cello

P20

high
mid
low

123 124 125 126 127 128

p *p*

overpressure

III+IV
air
harm.

light pressure (multiphonic)

gliss. IV
gradually to air

sp
msp

AV

P20

123 124 125 126 127 128

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

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

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

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

Bass Clarinet

5/4 4/4 $\text{♩} = 120$

high
mid
low

inhale
air
exhale

indeterminate pitch
blue = multiphonic

closed dyad multiphonic trill

pp *p*

129 130 131 132

Violin

5/4 4/4 $\text{♩} = 120$

IV III+IV
let ring

bow ord

p *pp*

mutes off

left hand finger battuto (hammering)

no bow

IV + III

p

put bow away

129 130 131 132

Cello

5/4 4/4 $\text{♩} = 120$

col legno vertical gliss
col legno gliss.
I
col legno battuto behind bridge
let ring

bow

LH dampen strings

mutes off

no bow

left hand finger battuto (hammering)

IV + III

p

put bow away

129 130 131 132

AV

5/4 4/4 $\text{♩} = 120$

transition:1200,40,255,0,/ITL/scene/y-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

129 130 131 132

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

Bass Clarinet

P22

high
mid
low

underblown multiphonic

trill

pp *p*

133 134 135 136 137

Violin

P22

left hand finger battuto

right hand finger battuto

IV + III

IV + III

p

133 134 135 136 137

Cello

P22

no bow

right hand finger battuto

left hand finger battuto

p

IV + III

IV + III

133 134 135 136 137

AV

P22

```

javascript:setFile(/ITL/scene/-
flagDecorator",rsrc/EuStar-
sTopBottom3.svg")

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

133 134 135 136 137

Bass Clarinet

Violin

Cello

AV

Bass Clarinet

P24

high
mid
low

close dyad multiphonic trill

p

143 144 145 146 147

close dyad multiphonic trill + flutter tongue

p

2/4

Violin

P24

left hand finger battuto

1 + II

p

143 144 145 146 147

left hand finger battuto

right hand finger battuto

III + IV

I + II

p *mp*

take bow

2/4 3/4

Cello

P24

left hand finger battuto

1 + II

p

143 144 145 146 147

right hand finger battuto

left hand finger battuto

I + II

III + IV

p *mp*

take bow

2/4 3/4

AV

P24

143 144 145 146 147

2/4 3/4

```

javascript:setFile('/ITL/scene/-
flagDecorator',rsrc/EuStar-
sTop3.svg')

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

javascript:setFile('/ITL/scene/-
flagDecorator',rsrc/EuS-
tars.svg')

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

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

Bass Clarinet P25

high
spectral multiphonic

mid
f aggressive

low
fundamental

flutter tongue

148 149 150 151 152 153

Violin P25

left hand finger batuto

arco

I, II, III, IV

random bow

aggressive

f

148 149 150 151 152 153

Cello P25

left hand finger batuto

arco

I, II, III, IV

aggressive

random bow

f

148 149 150 151 152 153

AV P25

javascript:setAlpha('/ITL/scene/content-PaneFull', 255)

javascript:setFile('/ITL/scene/-flagDecorator', 'src/BihStarsMiddle3.svg')

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

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

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

148 149 150 151 152 153

Bass Clarinet

3+2+2/8, 2/4, 3/4, 4/4, 3+2+2/8, 2/4, 3/4

high
mid
low

spectral multiphonic
aggressive
fundamental

flutter tongue

sing

f

154 155 156 157 158 159

Violin

3+2+2/8, 2/4, 3/4, 4/4, 3+2+2/8, 2/4, 3/4

timing as written

III, IV, II, I

bow

f

tr. IV

bow ord

154 155 156 157 158 159

Cello

3+2+2/8, 2/4, 3/4, 4/4, 3+2+2/8, 2/4, 3/4

f

III, IV

bow

timing as written

tr.

bow ord

f

154 155 156 157 158 159

AV

3+2+2/8, 2/4, 3/4, 4/4, 3+2+2/8, 2/4, 3/4

```

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

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

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

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

```

154 155 156 157 158 159

Bass Clarinet

$\frac{3}{4}$ $\frac{4}{4}$ $3+2+\frac{2}{8}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{4}$ $3+2+\frac{2}{8}$ ^{P27}

high spectral multiphonic
 mid sing
 low *f* fundamental

spectral multiphonic
 sing approximate pitch
p fundamental

160 161 162 163 164 165

Violin

$\frac{3}{4}$ $\frac{4}{4}$ $3+2+\frac{2}{8}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{4}$ $3+2+\frac{2}{8}$ ^{P27}

left hand finger battuto
 random bow
 aggressive
f

I, II, III IV
 III, IV
 II, III
 I, II

timing as written
 free timing
 no bow
p

160 161 162 163 164 165

Cello

$\frac{3}{4}$ $\frac{4}{4}$ $3+2+\frac{2}{8}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{4}$ $3+2+\frac{2}{8}$ ^{P27}

left hand finger battuto
 random bow
 aggressive
f

I, II, III IV
 III, IV
 bow
 no bow
 IV free timing
p

160 161 162 163 164 165

AV

$\frac{3}{4}$ $\frac{4}{4}$ $3+2+\frac{2}{8}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{4}$ $3+2+\frac{2}{8}$ ^{P27}

javascript:setFile('/ITL/scene/-flagDecorator', 'src/BihStars.svg')
 transition:1000,40,255,0,/ITL/scene/flagDecorator

javascript:setFile('/ITL/scene/-flagDecorator', 'src/BihTriangle.svg')
 transition:1750,40,255,0,/ITL/scene/flagDecorator

javascript:setFile('/ITL/scene/-flagDecorator', 'src/BihStarsAndTriangle.svg')
 transition:7000,40,0,255,/ITL/scene/flagDecorator

160 161 162 163 164 165

Bass Clarinet

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

high
spectral multiphonic

mid
sing
approximate pitch

low
fundamental

166 167 168 169 170

Violin

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

left hand
finger
battuto

no bow

II III IV

timing as written

dampen strings

chop

catch

5:4

166 167 168 169 170

Cello

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

no bow

left hand
finger
battuto

IV

timing as written

dampen strings

chop

catch

166 167 168 169 170

AV

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

transi-
tion:1250,40,255,0,/ITL/scene
/flagDecorator

transi-
tion:2250,40,255,0,/ITL/scene
/contentPaneFull

javascript:showCol-
our('/ITL/scene/content-
PaneFull', 'white', 255)

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

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

transi-
tion:500,40,0,255,/ITL/scene/
contentPaneFull

166 167 168 169 170

Bass Clarinet

P29

high

mid

low

f

f

mf

171 172 173 174 175

Violin

P29

catch

chop

f

ff

f

bow ord.

gliss II

II

171 172 173 174 175

Cello

P29

f

ff

f

chop

catch

bow ord.

gliss II

II

171 172 173 174 175

AV

P29

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

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

javascript:setAlpha('/ITL/scene/ukFlag',.255)

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

171 172 173 174 175

Bass Clarinet P30

high
mid
low

176 177 178 179 180

spectral multiphonic
mf
inaudible fundamental
mp
fundamental

Violin P30

176 177 178 179 180

f
mf
mp
mp

gliss II
ord to harm.
natural harm. gliss
dampen strings
on bridge
left hand finger battuto
on bridge

Cello P30

176 177 178 179 180

f
mf
mp
mp

gliss II
ord to harm.
natural harm. gliss
dampen strings
on bridge
left hand finger battuto
on bridge

AV P30

176 177 178 179 180

javascript:setAlpha('/ITL/scene/ukFlag',255)
transition:2000,40,255,0,/ITL/scene/ukFlag

javascript:setFile('/ITL/scene/ukFlag','rs-rc/UkFlagNoMiddle.svg')
transition:2000,40,0,255,/ITL/scene/ukFlag

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

javascript:setFile('/ITL/scene/ukFlag','rs-rc/UkFlagBlue.svg')
transition:2000,40,0,255,/ITL/scene/ukFlag

Bass Clarinet

4/4 P31
3/4

high
mp ————— *f*

mid

low

tremolo

181 182 183 184 185

multiphonic slap tongue

air slap tongue

Violin

4/4 P31
3/4

high

mid

low

mf ————— *f*

I + II

random bow

181 182 183 184 185

dampen strings

chop

catch

5:4

Cello

4/4 P31
3/4

high

mid

low

mf ————— *f*

I + II random bow

left hand finger battuto

181 182 183 184 185

chop

catch

dampen strings

AV

4/4 P31
3/4

181 182 183 184 185

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

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

transition:6000,40,0,255,/ITL/scene/ukFlag

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.
LH gliss.
pizz.
arco
col legno ricochet
behind bridge
gliss II

186 187 188 189 190

Cello

P32

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

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

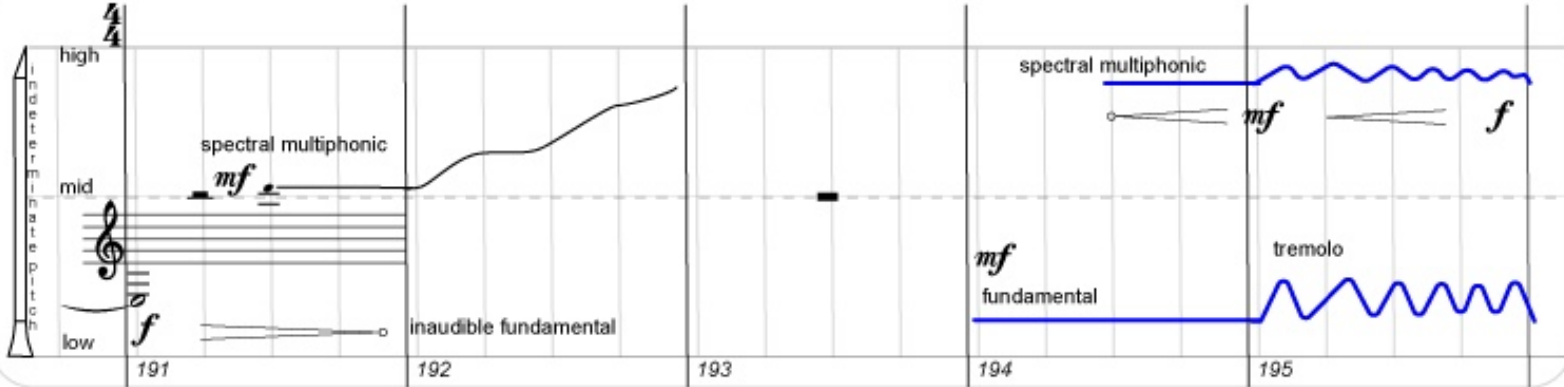
transition:2000,40,255,0,/ITL/scene
/ukFlag

javascript:set-
File('/ITL/scene/ukFlag',rsrc/
UkFlagRedLineArrow.svg)

186 187 188 189 190

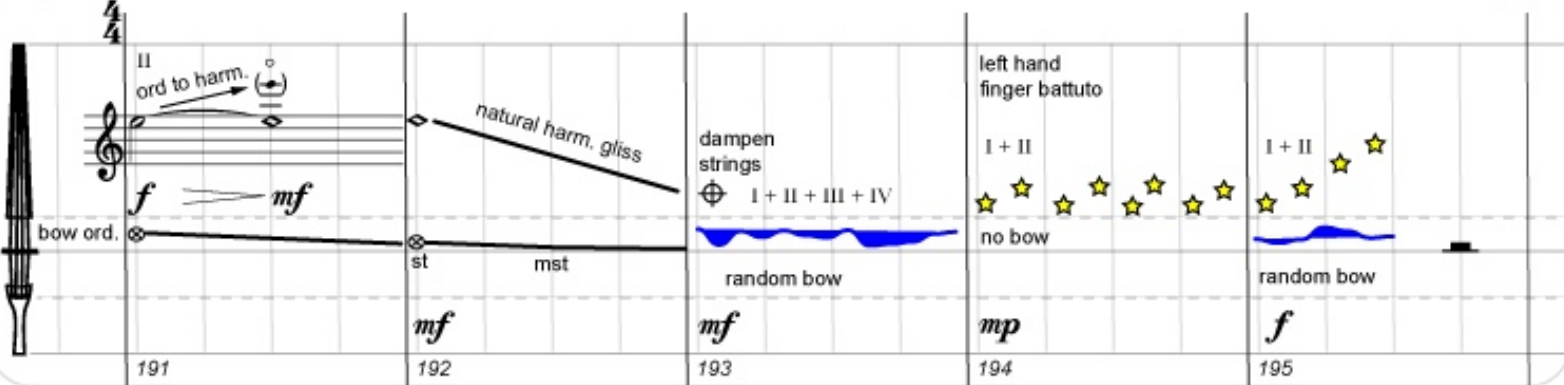
Bass Clarinet

P33



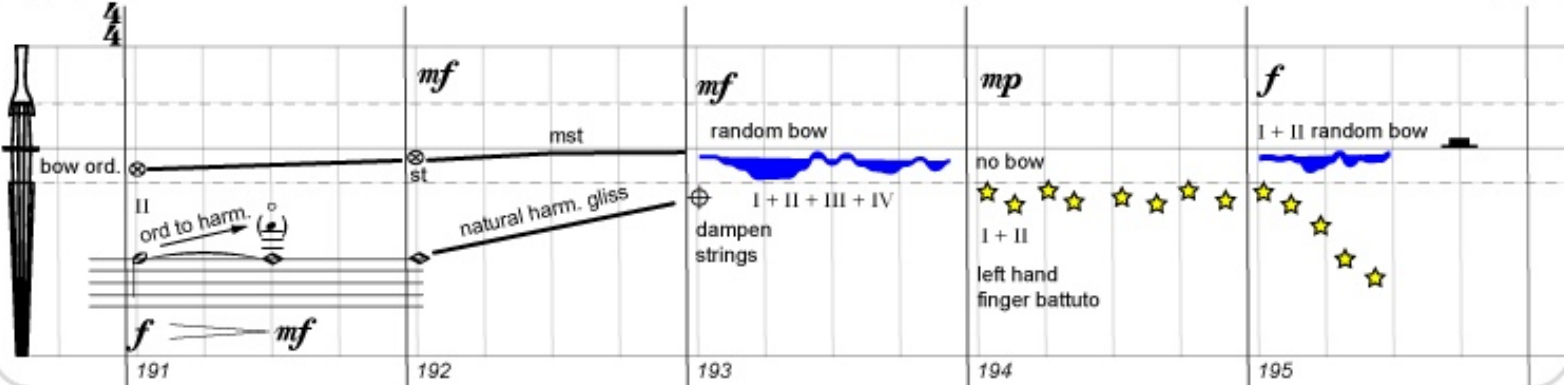
Violin

P33



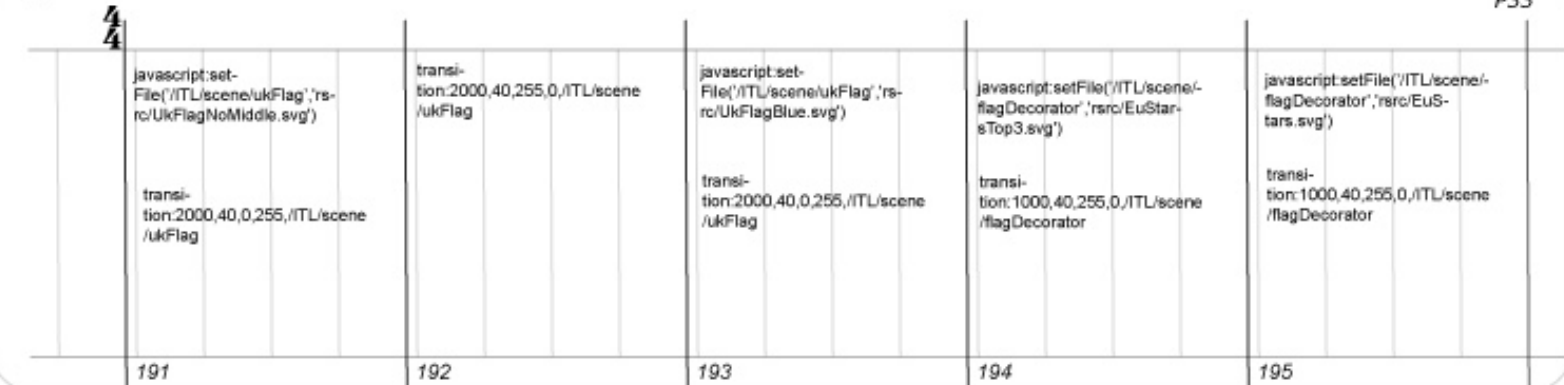
Cello

P33



AV

P33



Bass Clarinet

P34

Violin

P34

Cello

P34

AV

P34

<p>javascript:set-File('/ITL/scene/youStar', 'src/YouStar.svg')</p> <p>transition:2500,40,0,255, /ITL/scene /youStar</p>		<p>javascript:set-File('/ITL/scene/ukFlag', 'src/UkFlagNoMiddle.svg')</p> <p>transition:2000,40,0,255, /ITL/scene /ukFlag</p> <p>transition:4000,40,255,0, /ITL/scene /youStar</p>	<p>transition:2000,40,255,0, /ITL/scene /ukFlag</p>	<p>javascript:set-File('/ITL/scene/ukFlag', 'src/UkFlagRedLineArrow.svg')</p> <p>transition:2000,40,255,0, /ITL/scene /ukFlag</p> <p>transition:4000,40,255,0, /ITL/scene /youStar</p>
196	197	198	199	200

Bass Clarinet

high
mid
low

close dyad multiphonic

trill

open slap tongue air

p

201 202 203 204

Violin

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

II

f

left hand finger battuto

I + II

p

no bow

col legno battuto behind bridge

let ring

p

201 202 203 204

AV

4/4

3/4

```

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

transition: 4000, 40, 0, 255, /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

```

201 202 203 204