“KONZERT IV”

(partitur)

Piece for 4 musicians, 1 Computer and 4 Speakers

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Notes:

All sounds should be played not to loud. The phrases should be played in blocks, like you where just producing a sounds in a studio.

Each phrase has its own tempo, which means that the musician play indepent his tempi. The piece is notated this way to make it easier to play the phrases with different sounds. The time where a phrase starts can be taken from a timeline. The notes not always (but mostly) correspondent to the timeline, (because of the notation becaus sometimes, if tempo is very high, the notes doesnt fit in). There are no synchronisation points between the instruments except the stop watch.

The cents with the notes should indicate, that the pitch should be not excat the note but a little higher or lower. If some of the phrases are not playable they should be made with nearly the same sounds, even changing the notes in another octave or a quint higher or a quart lower.

The player has a stop watch which is started synchron to with all others at time 0’00”.

Timeline starts with 0'0" for synchronizing the stop watch

bow pressure: very strong strong middle few none

note mode: p.gl.(first move of gliss.) gliss(glissandi)

$t = Tempi(Quarter = \ldots)$

Clefs for Notes ommitted in score

colors group notes to phrases with same tempo

clef and meter for whole piece

+30 +30 Pitch in Cents for notes

Hallo Du

mezzo-sopran

ppp

Example for volume graph (cresc. - decr.), use only if possible (eg. not on pizz.,etc.)

effect: very strong strong middle light no effect

damp position: very high high middle low bottom -no damping

$t = Tempi(Quarter = \ldots)$

Harp

Clefs for Notes ommitted in score

colors group notes to phrases with same tempo

clef and meter for whole piece

ppp

Example for volume graph (cresc. - decr.), use only if possible (eg. not on pizz.,etc.)

damping: very strong strong normal light very light without

play mode: ric. (ricochet) ric.t(ric.tenudo) ord.(ordinare)

play position to microphon: very far far standard near very near

Metal Plate

$t = Tempi(Quarter = \ldots)$

Clefs for Notes ommitted in score

Filz Stick Wood Stick Iron Stick

colors group notes to phrases with same tempo

clef and meter for whole piece

ppp

Example for volume graph (cresc. - decr.), use only if possible (eg. not on high damping.)

bow pressure: strong middle crini flautato molto flautato c.leg.= col legno c.leg.s.cr.= c.leg.sensa crini

bow position: molto sul tasto sul tasto normal sul pont molto sul pont //paralell la corda

play mode: ric. (ricochet) ric.t(ric.tenudo) ord.(ordinare) batt(battuto) pizz(pizzicato)

$t = Tempi(Quarter = \ldots)$

contrabass

Clefs for Notes ommitted in score

colors group notes to phrases with same tempo

clef and meter for whole piece

note mode: p.gl.(first move of gliss.) gliss(glissandi)

+30 +30 **Pitch in Cents for notes**

ppp

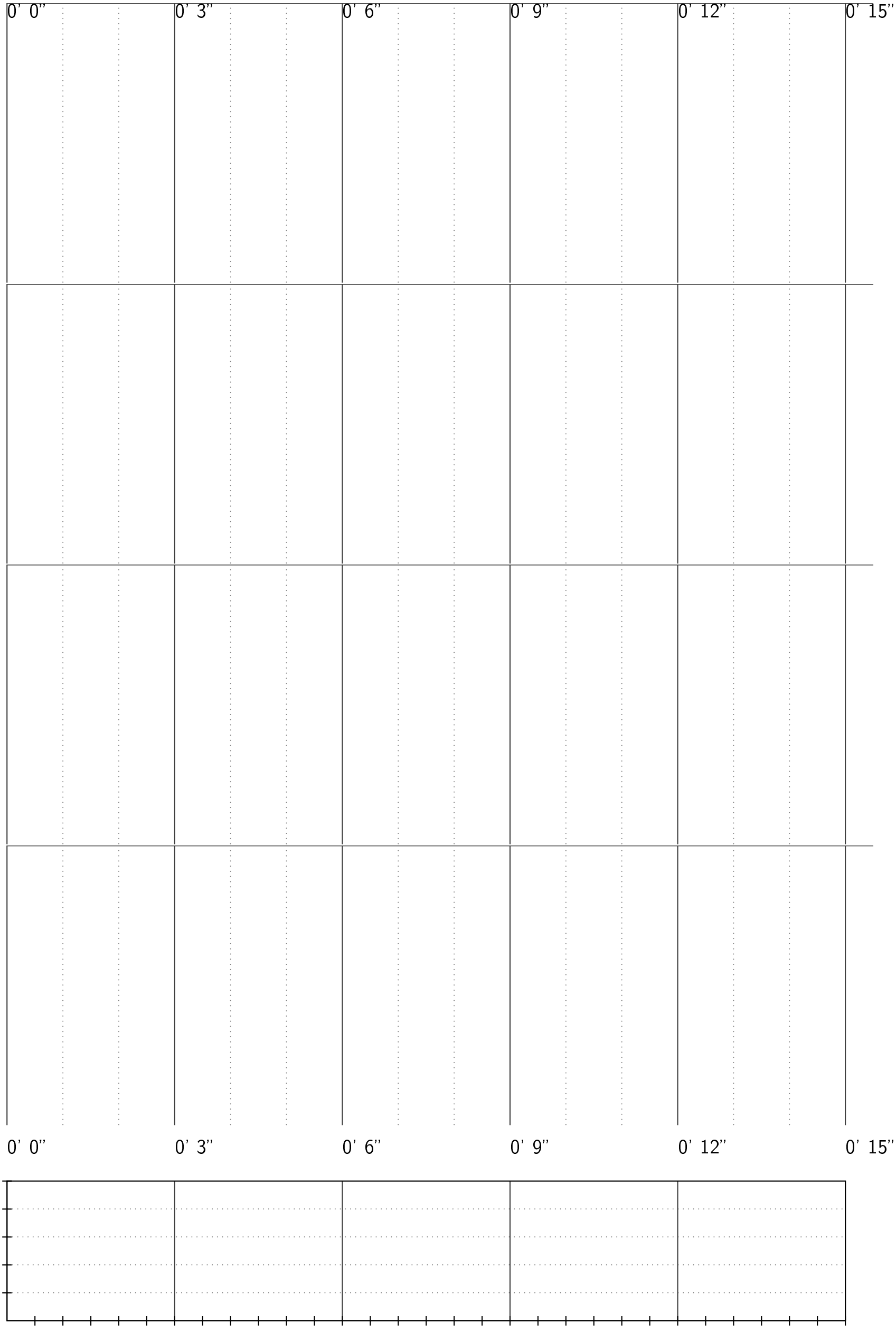
Example for volume graph (cresc. - decr.), use only if possible (eg. not on pizz.,etc.)

Timeline starts with 0'0" for synchronizing the stop watch

00 90 80 70 60 50

Example for computer voice can be used to follow score

1


0’ 0”
0’ 3”
0’ 6”
0’ 9”
0’ 12”
0’ 15”
0’ 0”
0’ 3”
0’ 6”
0’ 9”
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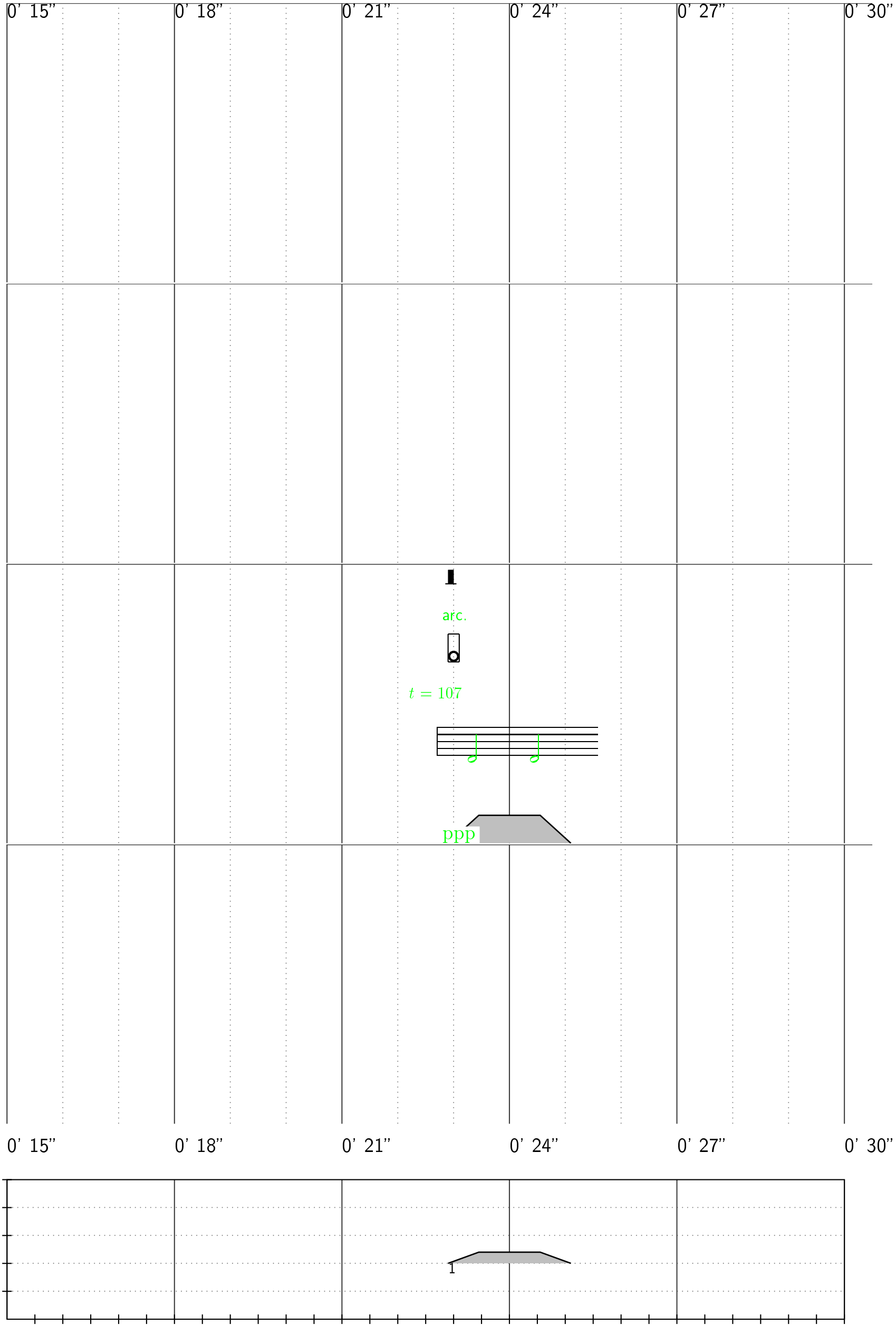
0’ 15”
00
90
80
70
60
50


0’ 15”
0’ 18”
0’ 21”
0’ 24”
0’ 27”
0’ 30”
arc.
$t = 107$
ppp
0’ 15”
0’ 18”
0’ 21”
0’ 24”
0’ 27”
0’ 30”
00
90
80
70
60
50
1

0’ 30” 0’ 33” 0’ 36” 0’ 39” 0’ 42” 0’ 45”

arc. arc. arc. arc.

$t = 97$ $t = 131$ $t = 111$

ppp ppp ppp

ord.

$t = 157$

+30 +30

ppp

0’ 30” 0’ 33” 0’ 36” 0’ 39” 0’ 42” 0’ 45”

00 90 80 70 60 50

1 1 1 1

0’ 45”
0’ 48”
0’ 51”
0’ 54”
0’ 57”
1’ 0”
$t = 87$
ppp
ric.t.
$t = 98$
ppp
arc.
$t = 78$
ppp
ric.t.
arc.
$t = 87$
3
ppp
ord.
$t = 139$
-41
ppp
ord.
$t = 90$
+0
ppp
//
ord.
$t = 157$
+30
+30
ord.
$t = 104$
+4
-6
ppp
ppp
0’ 45”
0’ 48”
0’ 51”
0’ 54”
0’ 57”
1’ 0”
00
90
80
70
60
50
1
1
1
3

1’ 0”
1’ 3”
1’ 6”
1’ 9”
1’ 12”
1’ 15”
$t = 83$
pp
ppp
c.
arc.
ric.t.
$t = 59$
pp
ric.t.
ord.
ric.t. ord.
$t = 144$
$t = 122$
$t = 135$
-46
+8
-25
-25
-15
+15
ppp
pp
pp
1’ 0”
1’ 3”
1’ 6”
1’ 9”
1’ 12”
1’ 15”
00
90
80
60
50

1’ 15” 1’ 18” 1’ 21” 1’ 24” 1’ 27” 1’ 30”

-

$t = 91$

pp

$t = 84$

pp

arc.

$t = 78$

pp

ric.

$t = 52$

pp

ord.

$t = 89$

-14

+16

pp

1’ 15” 1’ 18” 1’ 21” 1’ 24” 1’ 27” 1’ 30”

00
90
80
70
60
50

1’ 30” 1’ 33” 1’ 36” 1’ 39” 1’ 42” 1’ 45”

$t = 74$ $t = 79$

pp pp

arc. ric.

$t = 61$

3

pp

arc. arc. a

$t = 120$ $t = 58$

pp pp

ord.

$t = 118$

+24 +49

pp

ric. ric.t.

$t = 81$

3

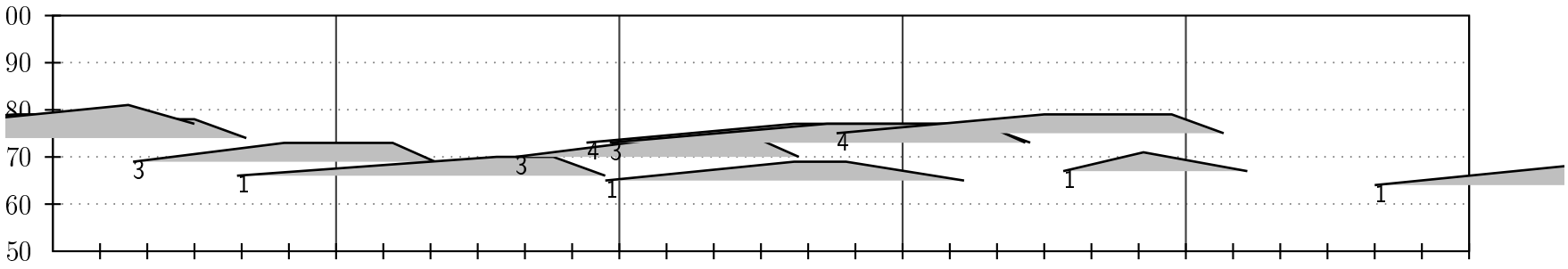
-6

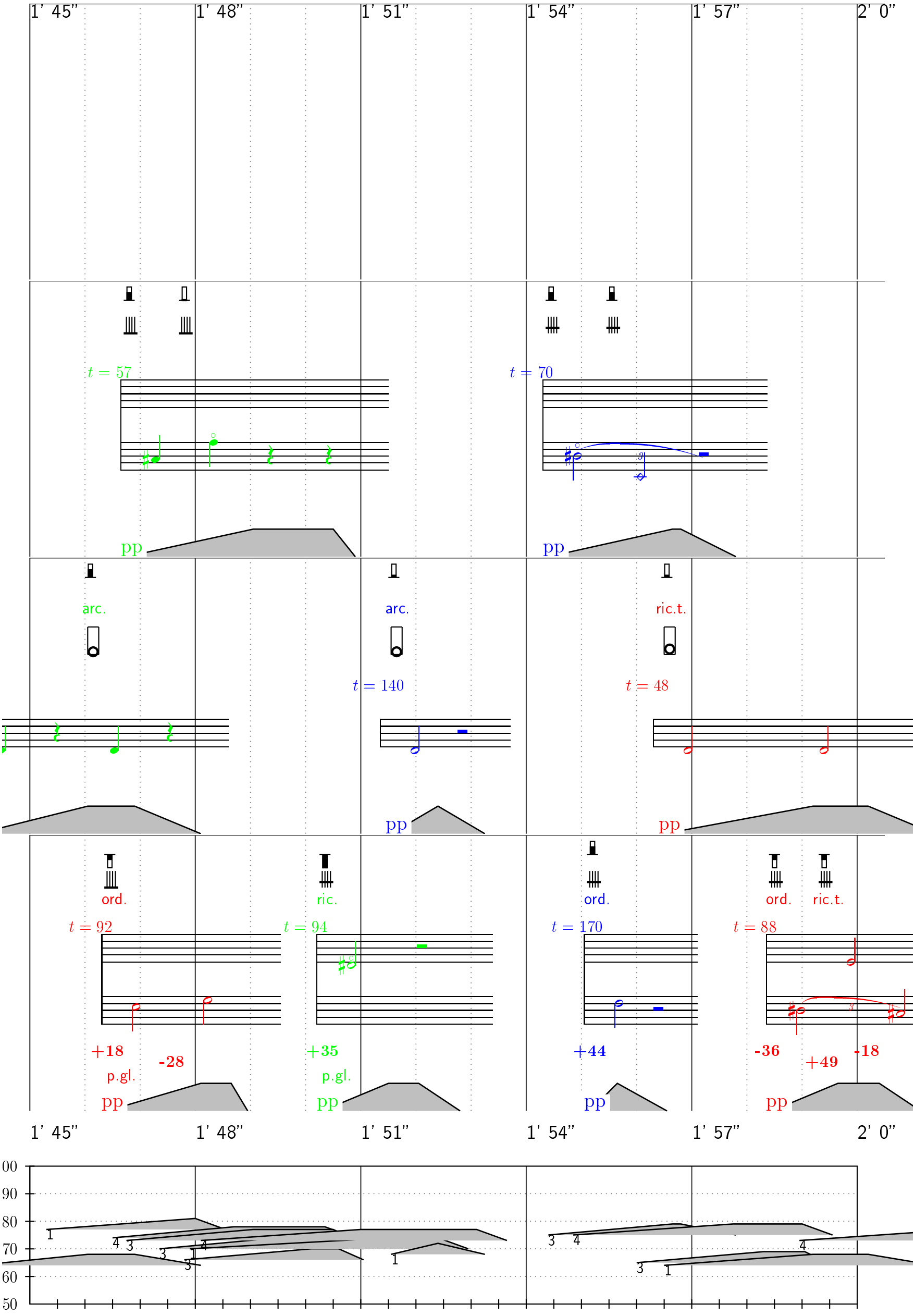
+41

p.gl.

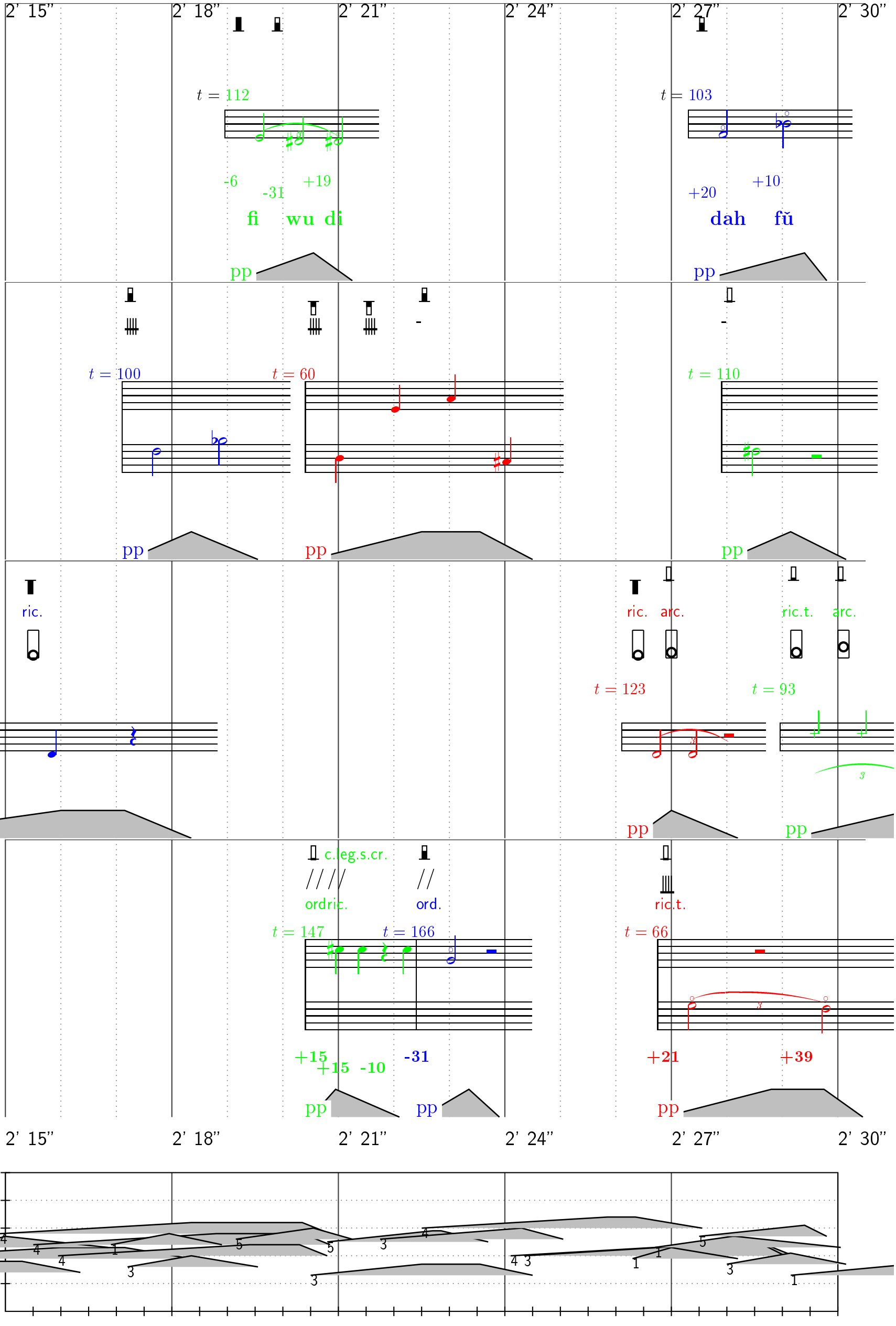
pp

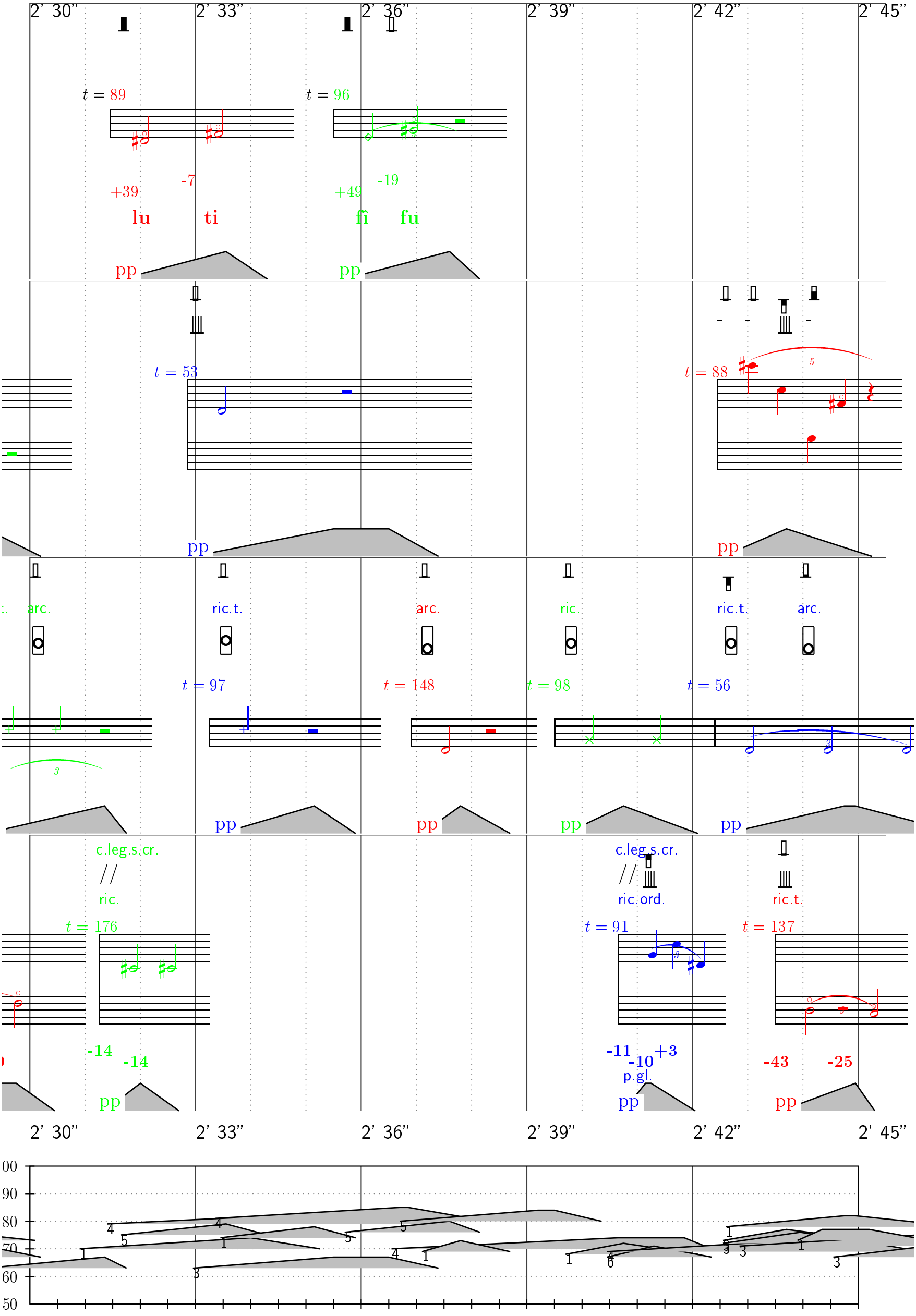
1’ 30” 1’ 33” 1’ 36” 1’ 39” 1’ 42” 1’ 45”

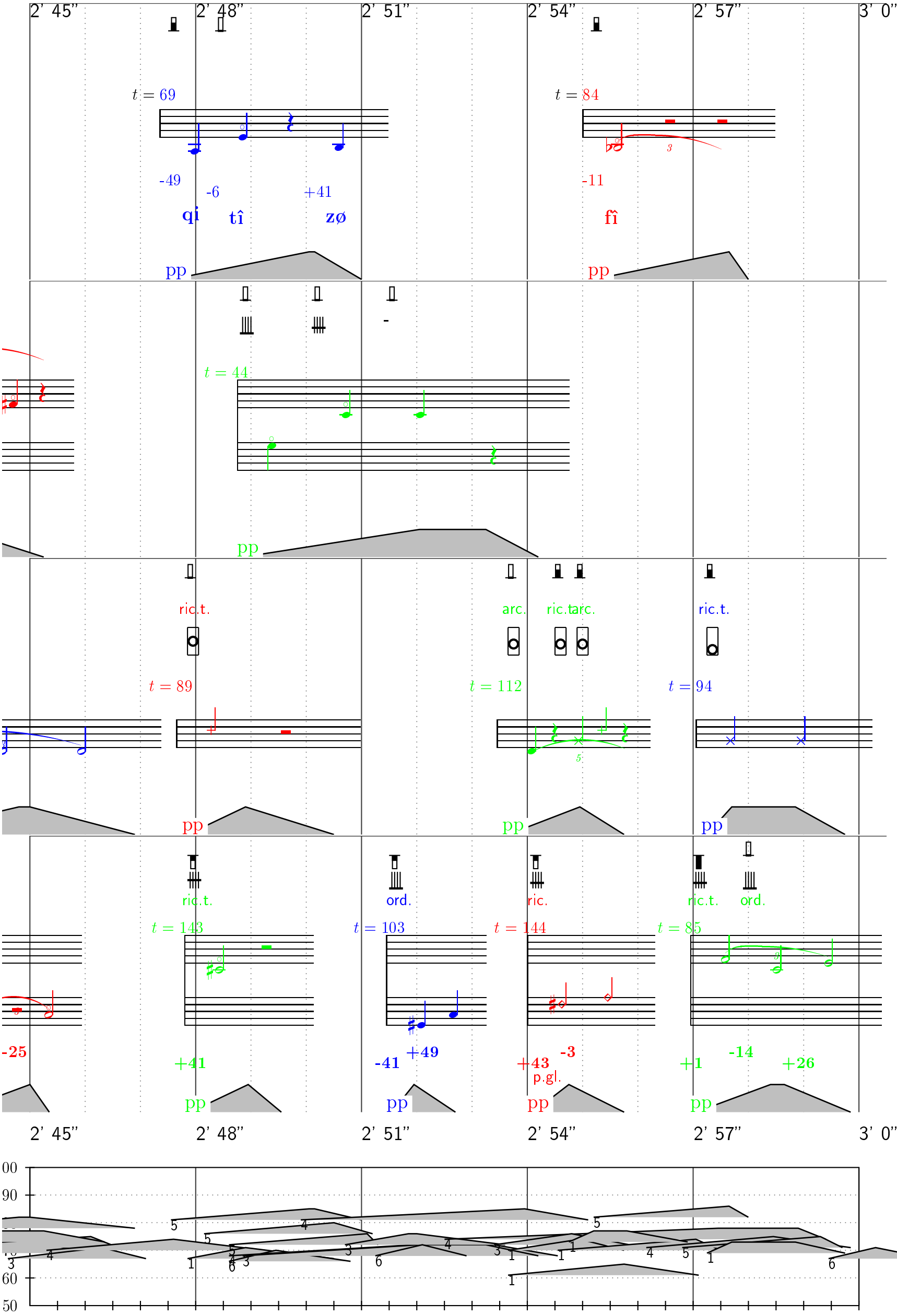


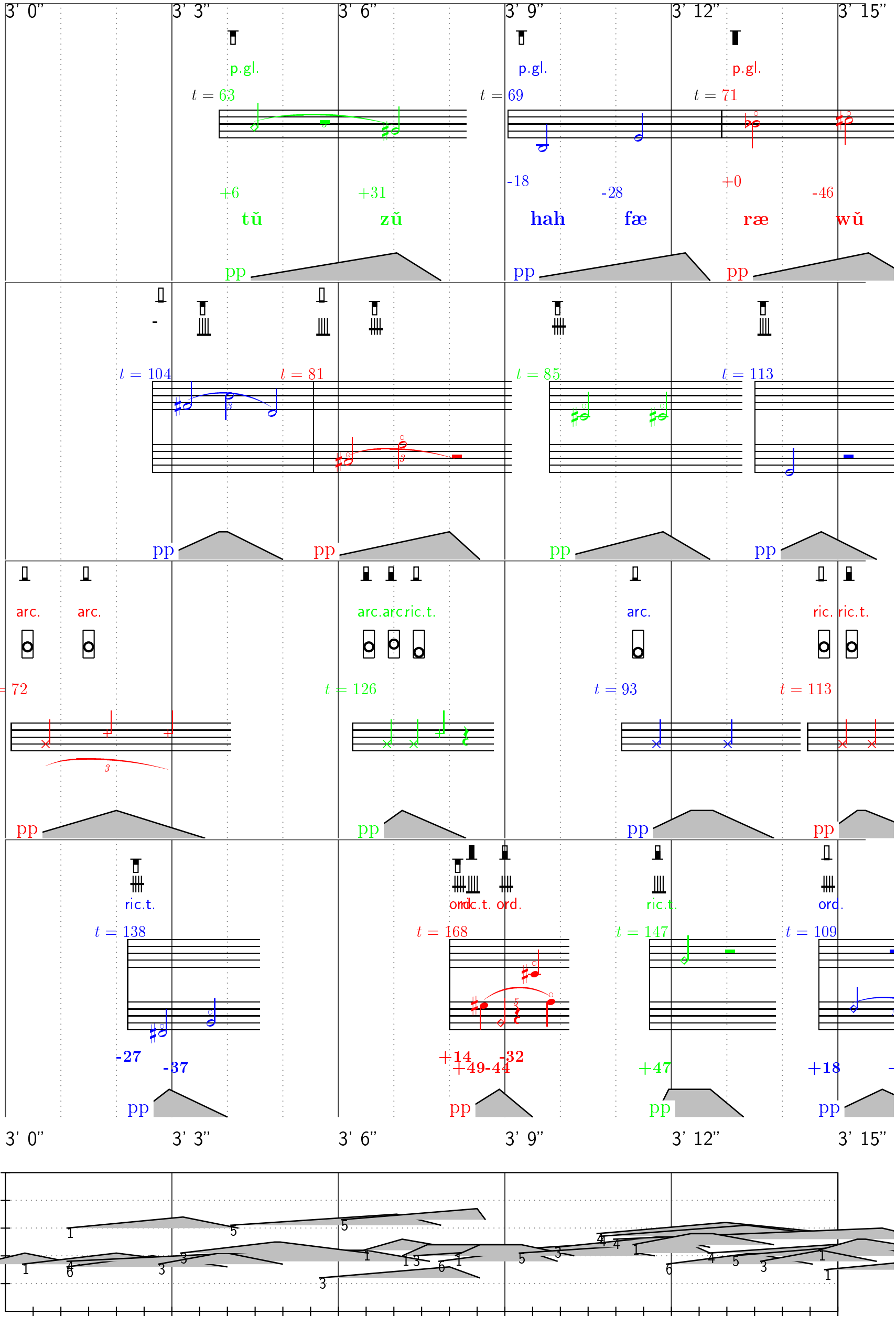

1’ 45”
1’ 48”
1’ 51”
1’ 54”
1’ 57”
2’ 0”
t = 57
pp
t = 70
pp
arc.
t = 140
pp
arc.
ric.t.
t = 48
pp
ord.
t = 92
+18
-28
p.gl.
pp
ric.
t = 94
+35
p.gl.
pp
ord.
t = 170
+44
pp
ord.
ric.t.
t = 88
-36
+49
-18
pp
1’ 45”
1’ 48”
1’ 51”
1’ 54”
1’ 57”
2’ 0”
00
90
80
70
60
50

2’ 0”
2’ 3”
2’ 6”
2’ 9”
2’ 12”
2’ 15”
t = 105
t = 96
t = 115
-6
-6
+24
-35
dah
di
tø
hŭ
pp
pp
pp
t = 52
t = 58
pp
pp
arc.
ric.t.
arc.
ric.
t = 98
t = 40
pp
pp
ord.
ord.
ric.t.
t = 73
t = 100
t = 76
+30
+30
+14
+4
+9
-37
pp
pp
pp
2’ 0”
2’ 3”
2’ 6”
2’ 9”
2’ 12”
2’ 15”
100
90
80
70
60
50


2’ 15”
2’ 18”
2’ 21”
2’ 24”
2’ 27”
2’ 30”
t = 112
-6
-31
+19
fi wu di
pp
t = 103
+20
+10
dah fŭ
pp
t = 100
pp
t = 60
pp
t = 110
pp
ric.
ric. arc.
ric.t. arc.
t = 123
t = 93
pp
pp
c.leg.s.cr.
ordric.
ord.
t = 147
t = 166
+15
+15 -10
-31
pp
pp
ric.t.
t = 66
+21
+39
pp
2’ 15”
2’ 18”
2’ 21”
2’ 24”
2’ 27”
2’ 30”
00
90
80
60
50


2’ 30”
2’ 33”
2’ 36”
2’ 39”
2’ 42”
2’ 45”
t = 89
t = 96
+39
-7
+49
-19
lu
ti
fî
fu
pp
pp
t = 53
pp
pp
arc.
ric.t.
arc.
ric.
ric.t.
arc.
t = 97
t = 148
t = 98
t = 56
pp
pp
pp
pp
c.leg.s.cr.
ric.
c.leg.s.cr.
ric.ord.
ric.t.
t = 176
t = 91
t = 137
-14
-14
-11
-10
+3
p.gl.
-43
-25
pp
pp
pp
00
90
80
70
60
50


2’ 45”
2’ 48”
2’ 51”
2’ 54”
2’ 57”
3’ 0”
t = 69
-49
-6
+41
qi
tî
zø
pp
t = 84
-11
fî
pp
t = 44
pp
-
ric.t.
t = 89
pp
arc.
ric.tarc.
t = 112
pp
ric.t.
t = 94
pp
ric.t.
t = 143
-25
ord.
t = 103
+41
pp
-41
+49
pp
ric.
t = 144
+43
p.gl.
-3
pp
ric.t.
ord.
t = 85
+1
-14
+26
pp
2’ 45”
2’ 48”
2’ 51”
2’ 54”
2’ 57”
3’ 0”
00
90
60
50


3’ 0”
3’ 3”
3’ 6”
3’ 9”
3’ 12”
3’ 15”
p.gl.
t = 63
t = 69
t = 71
+6
+31
-18
-28
+0
-46
tŭ
zŭ
hah
fæ
ræ
wŭ
pp
-
t = 104
t = 81
t = 85
t = 113
arc.
arc.
arc.arc.ric.t.
arc.
ric. ric.t.
t = 72
t = 126
t = 93
t = 113
ric.t.
ord.
ric.t.
ord.
t = 138
t = 168
t = 147
t = 109
-27
-37
+14
-32
+49-44
+47
+18
3’ 0”
3’ 3”
3’ 6”
3’ 9”
3’ 12”
3’ 15”
00
90
80
70
60
50

3' 15" 3' 18" 3' 21" 3' 24" 3' 27" 3' 30"

t = 114 t = 73 t = 62

-46 +8 +30 +44 -6 -21 +12

wŭ dø tæ lø fi fu lu

pp pp pp pp

t = 86 t = 60 t = 85

pp pp pp

ric. ric.t. m.ric. m.ric. ric.t. arc. arc.

113 t = 113 t = 113 t = 88 t = 143

pp pp pp pp pp

ord. ordord. ric.t. ord. ric.

109 t = 94 t = 164 t = 144 t = 90

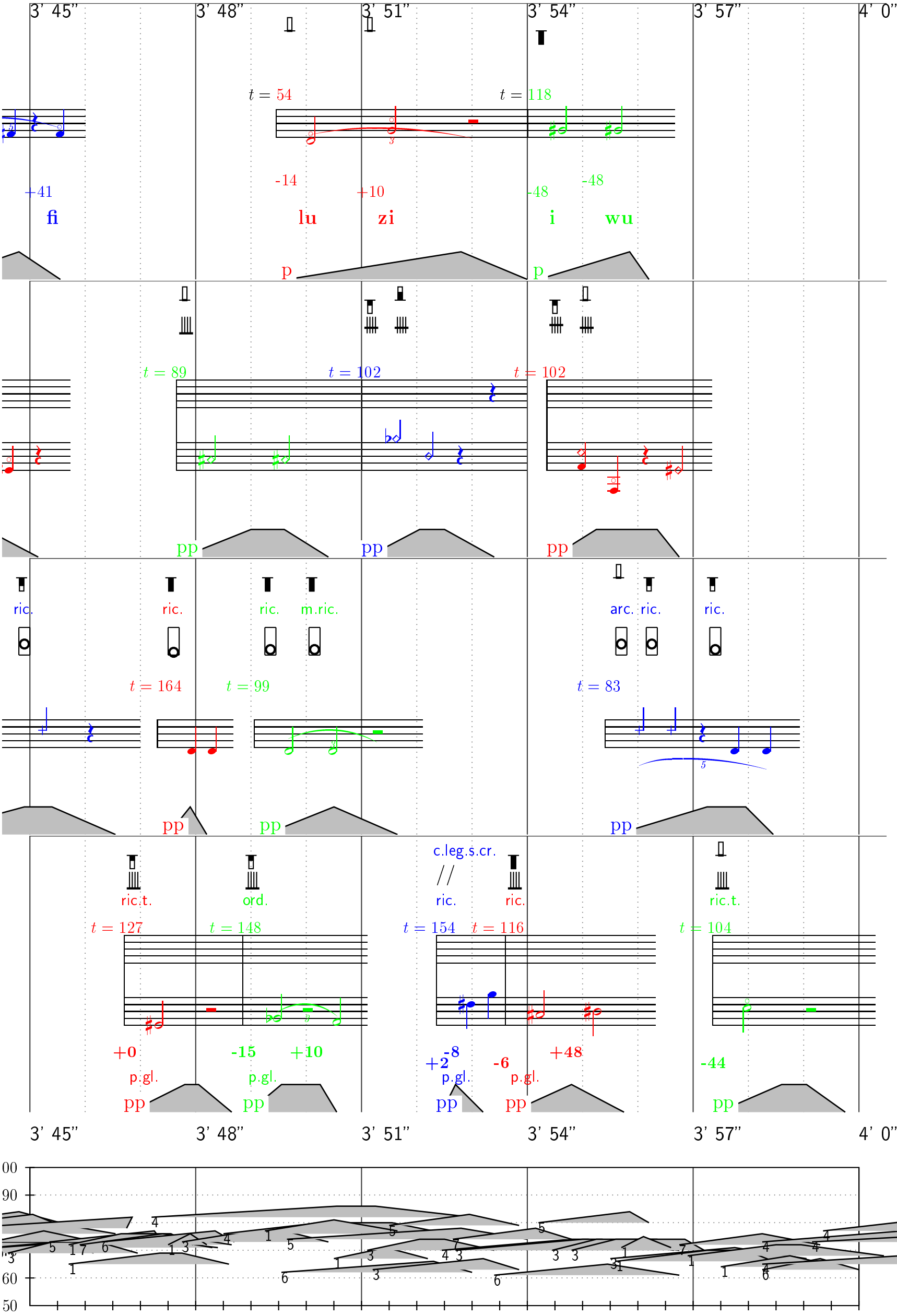
+18 +32 -30 -41 +18 +18 +11 -1 +17

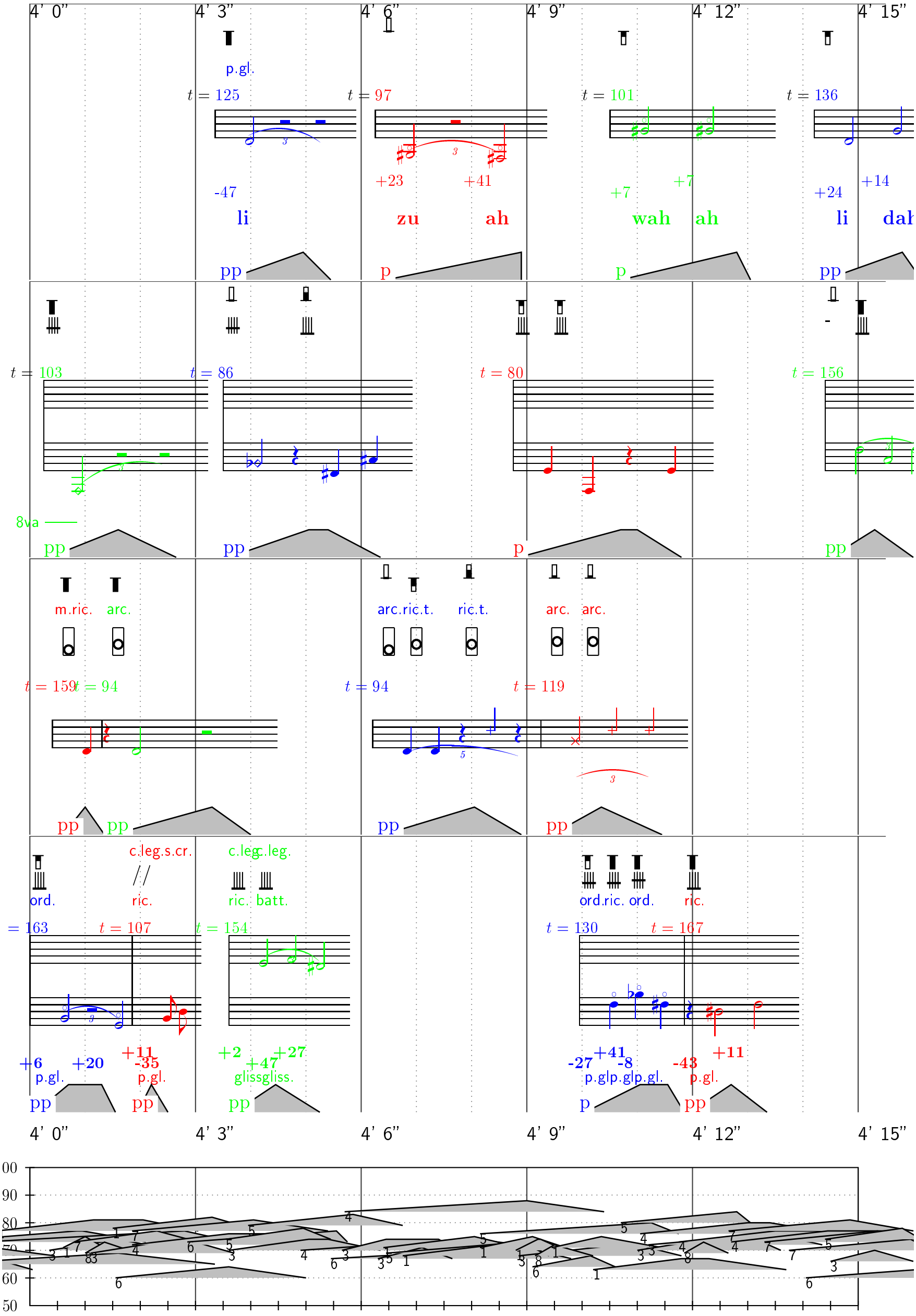
pp pp pp pp pp p.gl.

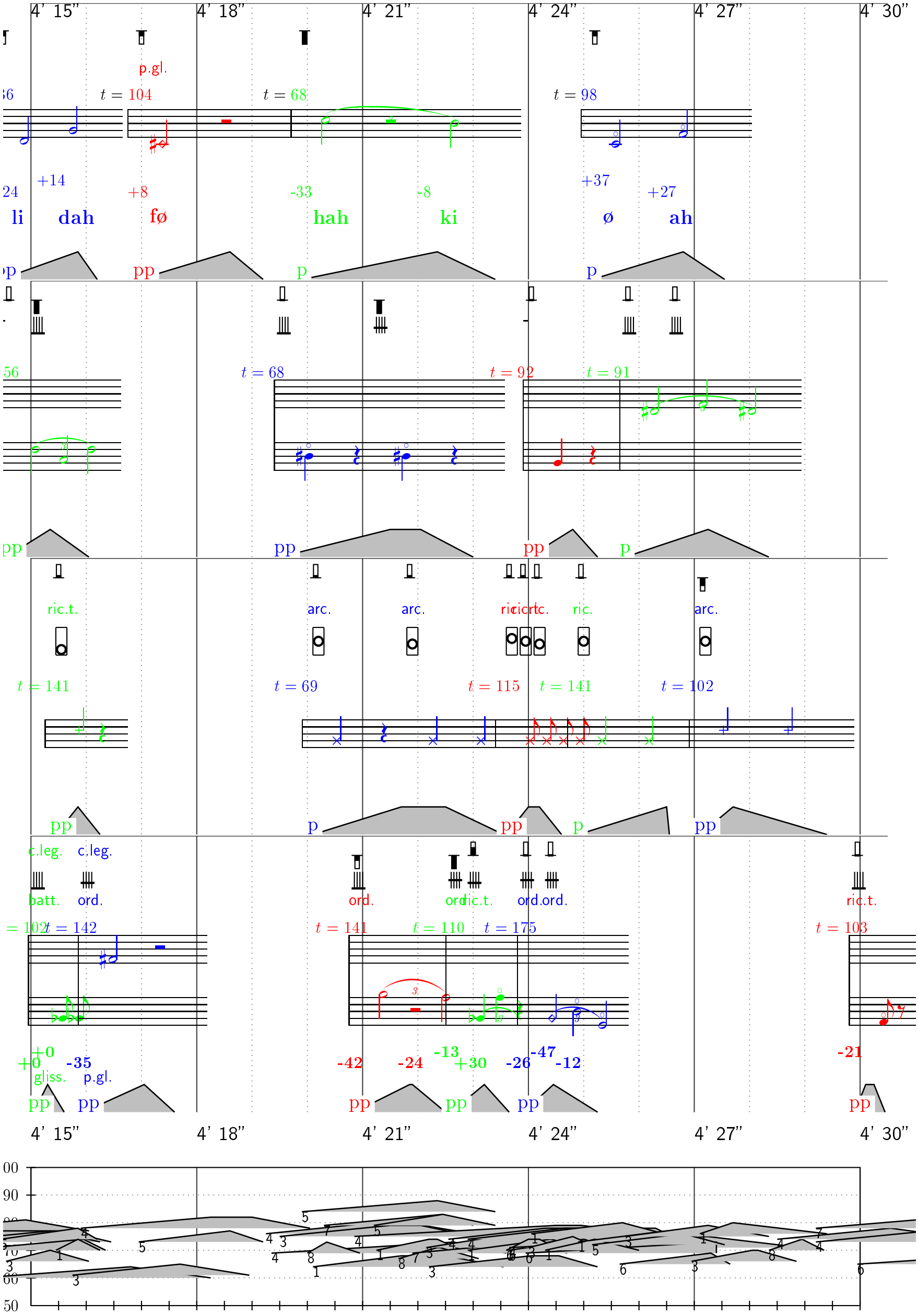
3' 15" 3' 18" 3' 21" 3' 24" 3' 27" 3' 30"

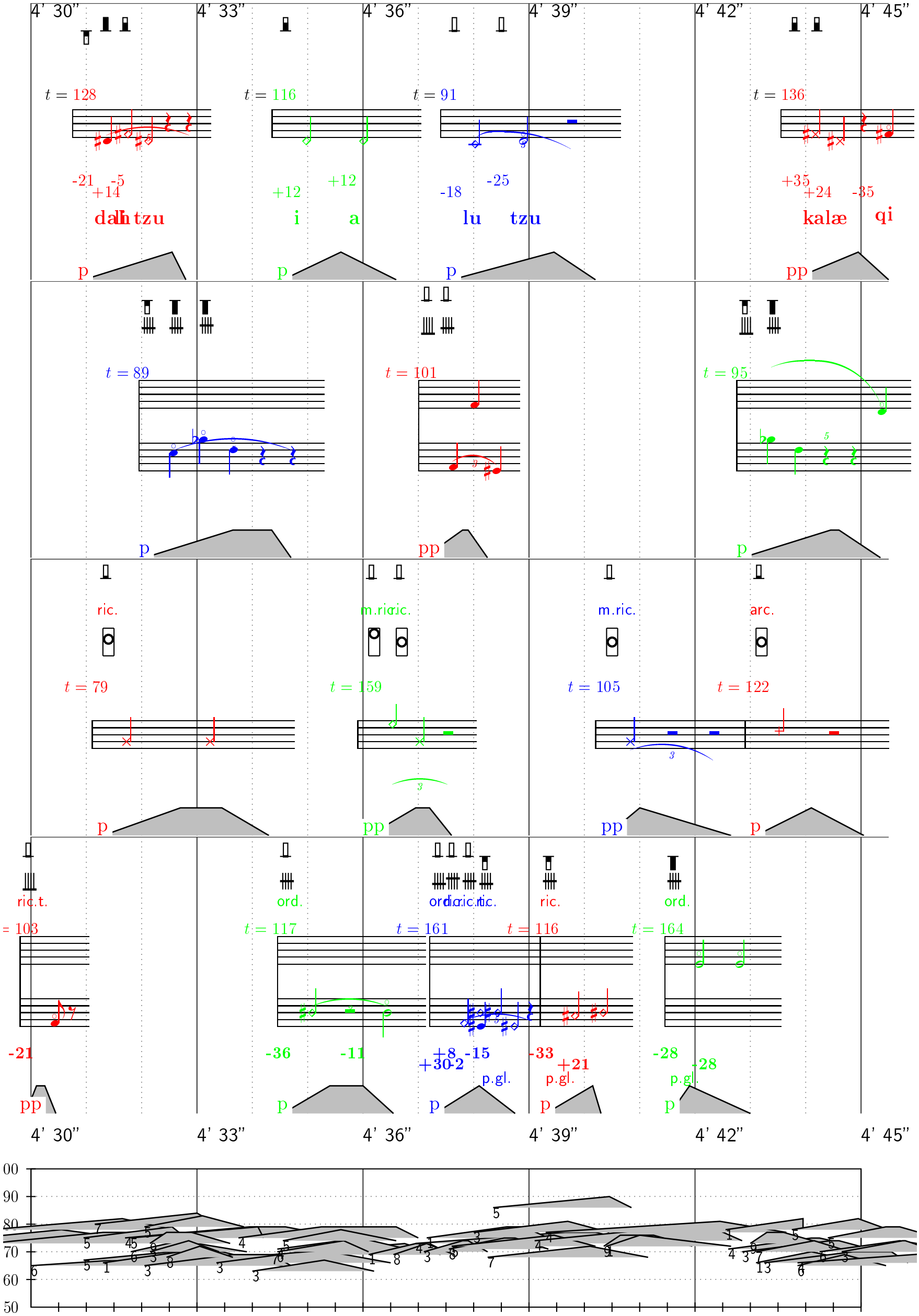
00 90 80 60 50

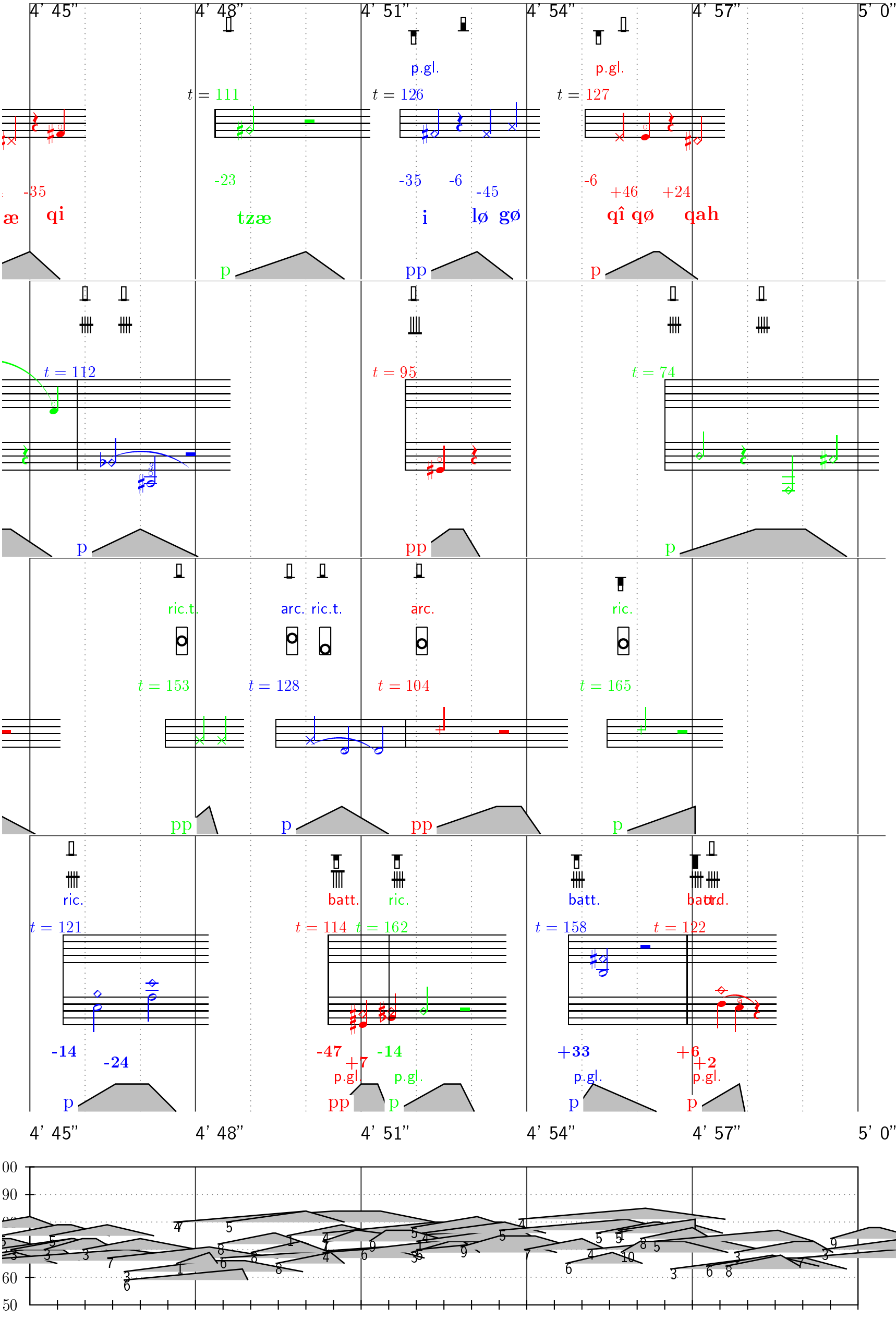
3’ 30”
3’ 33”
3’ 36”
3’ 39”
3’ 42”
3’ 45”
t = 65
-25
-25
fah
li
p
t = 108
-19
-19
+3
+41
zulu i
fi
pp
t = 104
pp
8va
arc.
ric.t.
= 143
t = 85
ord.
batt.
ord.
t = 94
t = 106
+17
+29
+30
p.gl.
-19
+4
+22
+12
t = 93
pp
arc.
ric.
t = 74
pp
ric.
ric.
t = 114
t = 76
batt
ord.
t = 173
+30
-27
p.gl.
+48
t = 110
pp
ric.t.
arc.
ric.
t = 68
pp
ric.t.
ord.
ord.
t = 137
t = 94
+44
+44
-49
-27
pp
pp
3’ 30”
3’ 33”
3’ 36”
3’ 39”
3’ 42”
3’ 45”
00
90
80
60
50

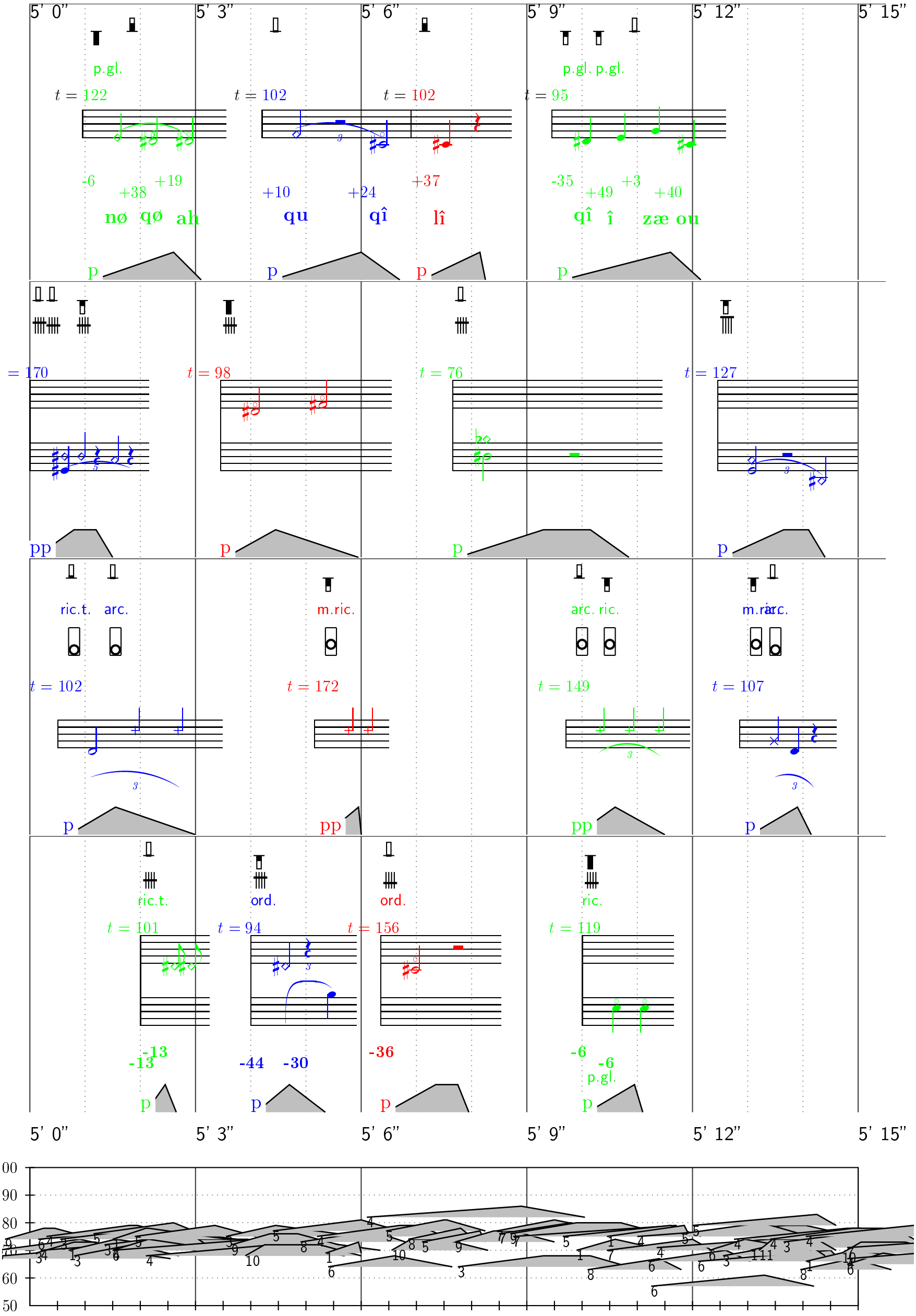

3' 45"
3' 48"
3' 51"
3' 54"
3' 57"
4' 0"
t = 54
t = 118
+41
fi
-14
lu
+10
zi
-48
i
-48
wu
p
p
t = 89
t = 102
t = 102
pp
pp
pp
ric.
ric.
ric.
m.ric.
arc.
ric.
ric.
t = 164
t = 99
t = 83
pp
pp
pp
ric.t.
ord.
c.leg.s.cr.
//
ric.
ric.
ric.t.
t = 127
t = 148
t = 154
t = 116
t = 104
+0
-15
+10
+2
-8
-6
+48
-44
p.gl.
p.gl.
p.gl.
pp
pp
pp
pp
3' 45"
3' 48"
3' 51"
3' 54"
3' 57"
4' 0"
00
90
60
50


4’ 0”
4’ 3”
4’ 6”
4’ 9”
4’ 12”
4’ 15”
p.gl.
t = 125
t = 97
t = 101
t = 136
-47
+23
+41
+7
+7
+24
+14
li
zu
ah
wah
ah
li
dah
pp
p
p
pp
t = 103
t = 86
t = 80
t = 156
8va
pp
pp
p
pp
m.ric.
arc.
arc.ric.t.
ric.t.
arc.
arc.
t = 159
t = 94
t = 94
t = 119
pp
pp
pp
pp
ord.
c.leg.s.cr.
ric.
c.leg.
c.leg.
ric.
batt.
ord.
ric.
ord.
ric.
= 163
t = 107
t = 154
t = 130
t = 167
+6
+20
+11
-35
p.gl.
p.gl.
+2
+47
+27
glissgliss.
-27
+41
-8
-43
+11
p.gl
p.gl
p.gl.
p.gl.
pp
pp
pp
p
pp
4’ 0”
4’ 3”
4’ 6”
4’ 9”
4’ 12”
4’ 15”
00
90
80
60
50


4’ 15”
4’ 18”
4’ 21”
4’ 24”
4’ 27”
4’ 30”
p.gl.
t = 104
t = 68
t = 98
+14
+8
-33
-8
+37
+27
li
dah
fø
hah
ki
ø
ah
pp
pp
p
p
t = 68
t = 92
t = 91
pp
pp
pp
p
ric.t.
arc.
arc.
ric.
arc.
t = 141
t = 69
t = 115
t = 141
t = 102
pp
p
pp
p
pp
c.leg.
c.leg.
batt.
ord.
ord.
ord.
ric.t.
ric.t.
t = 142
t = 141
t = 110
t = 175
t = 103
+0
+0
-35
gliss.
p.gl.
-42
-24
-13
+30
-26
-47
-12
-21
pp
pp
pp
pp
pp
pp
4’ 15”
4’ 18”
4’ 21”
4’ 24”
4’ 27”
4’ 30”


4’ 30”
4’ 33”
4’ 36”
4’ 39”
4’ 42”
4’ 45”
t = 128
-21 -5 +14
dah tzu
p
t = 116
+12 +12
i a
p
t = 91
-18 -25
lu tzu
p
t = 136
+35 +24 -35
kalæ qi
pp
t = 89
p
t = 101
pp
t = 95
p
ric.
t = 79
p
m.ric. ric.
t = 159
pp
m.ric.
t = 105
pp
arc.
t = 122
p
ric.t.
= 103
-21
pp
ord.
t = 117
-36 -11
p
m.ric. ric. ric.
t = 161
+8 -15
+30 -2
p.gl.
p
ric.
t = 116
-33 +21
p.gl.
p
ord.
t = 164
-28 -28
p.gl.
p
4’ 30”
4’ 33”
4’ 36”
4’ 39”
4’ 42”
4’ 45”
00
90
80
70
60
50


4’ 45”
4’ 48”
4’ 51”
4’ 54”
4’ 57”
5’ 0”
t = 111
t = 126
t = 127
p.gl.
p.gl.
-35
æ
qi
-23
tzæ
-35
-6
-45
i
lø gø
-6
+46
+24
qî qø
qah
p
p
pp
p
t = 112
t = 95
t = 74
p
pp
p
ric.t.
arc.
ric.t.
arc.
ric.
t = 153
t = 128
t = 104
t = 165
pp
p
pp
p
ric.
batt.
ric.
batt.
batt.
trd.
t = 121
t = 114
t = 162
t = 158
t = 122
-14
-24
-47
+7
-14
+33
+6
+2
p.gl.
p.gl.
p.gl.
p.gl.
p
pp
p
p
p
4’ 45”
4’ 48”
4’ 51”
4’ 54”
4’ 57”
5’ 0”
00
90
60
50


5’ 0”
5’ 3”
5’ 6”
5’ 9”
5’ 12”
5’ 15”
p.gl.
t = 122
-6
+38
+19
nø qø ah
p
t = 102
+10
qu
t = 102
+24
qî
+37
lî
p
p.gl. p.gl.
t = 95
-35
+49
+3
qî î
+40
zæ ou
p
= 170
pp
t = 98
p
t = 76
p
t = 127
p
ric.t. arc.
t = 102
p
m.ric.
t = 172
pp
arc. ric.
t = 149
pp
m.ric. arc.
t = 107
p
ric.t.
t = 101
-13
-13
p
ord.
t = 94
-44
-30
p
ord.
t = 156
-36
p
ric.
t = 119
-6
-6
p.gl.
p
5’ 0”
5’ 3”
5’ 6”
5’ 9”
5’ 12”
5’ 15”
00
90
80
60
50

5' 15" 5' 18" 5' 21" 5' 24" 5' 27" 5' 30"

p.gl p.gl. p.gl. p.gl. p.gl. gliss. gliss.

$t = 90$ $t = 78$ $t = 109$ $t = 105$

-33 -41 -19 +22 -29 +26 -23 -23 -33 +12

kî kævou i zî u kî vu tzoula

p p p p

$t = 89$ $t = 91$ $t = 105$ $t = 91$

p p p p

m.ric. ric.

$t = 159$ $t = 94$ $t = 112$

p p p

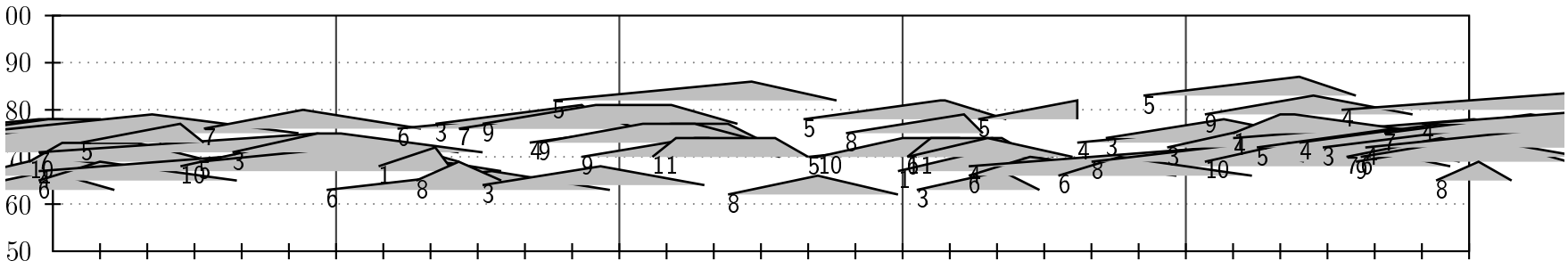
ric.t. ord. batt. ord.ric. batt. ord.

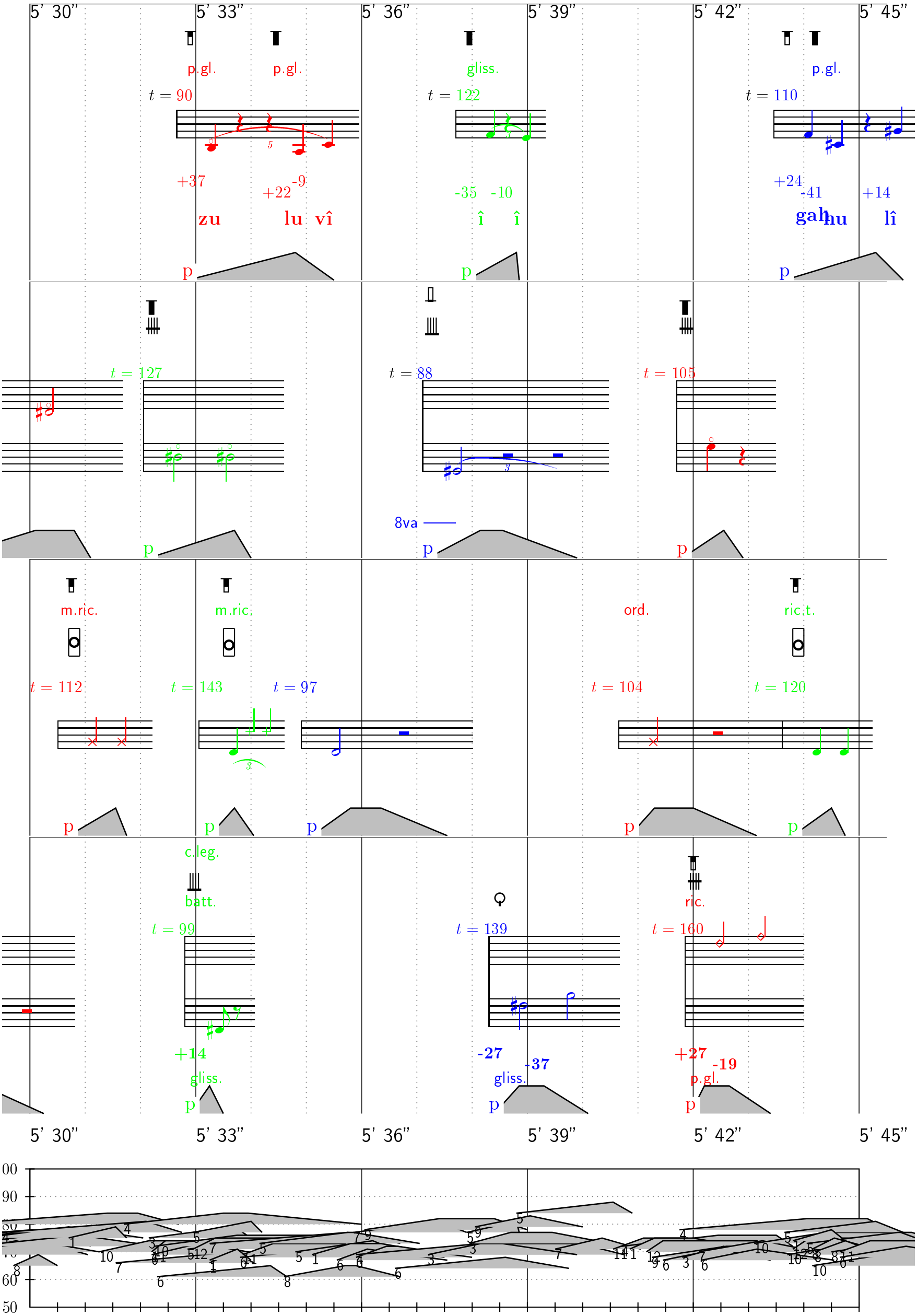
$t = 144$ $t = 107$ $t = 102$ $t = 145$ $t = 139$

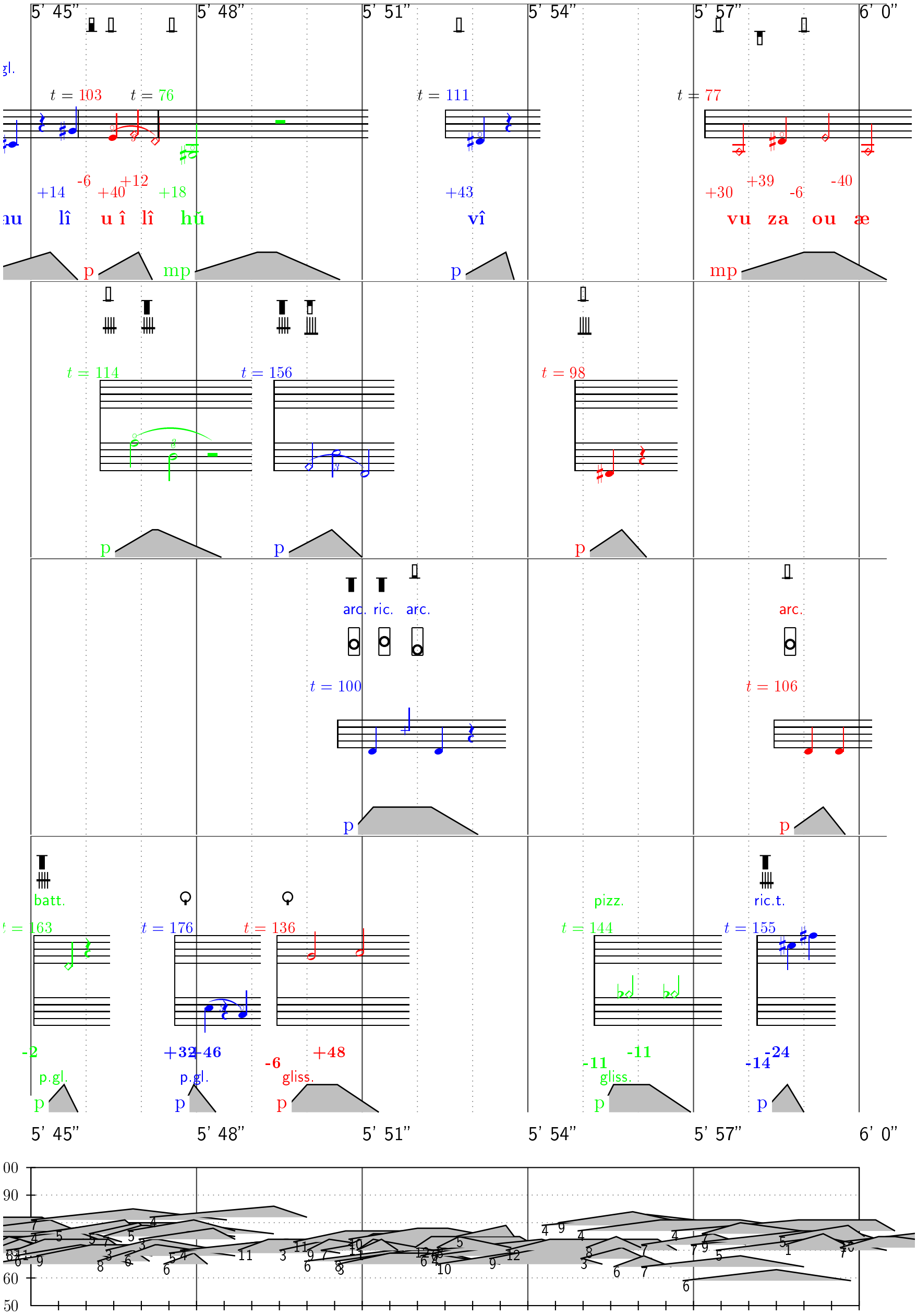
+0 -34 +14 -20 +26 p.gl. -28 +30 p.gl. -41 +49 p.gl. -39 p.gl.

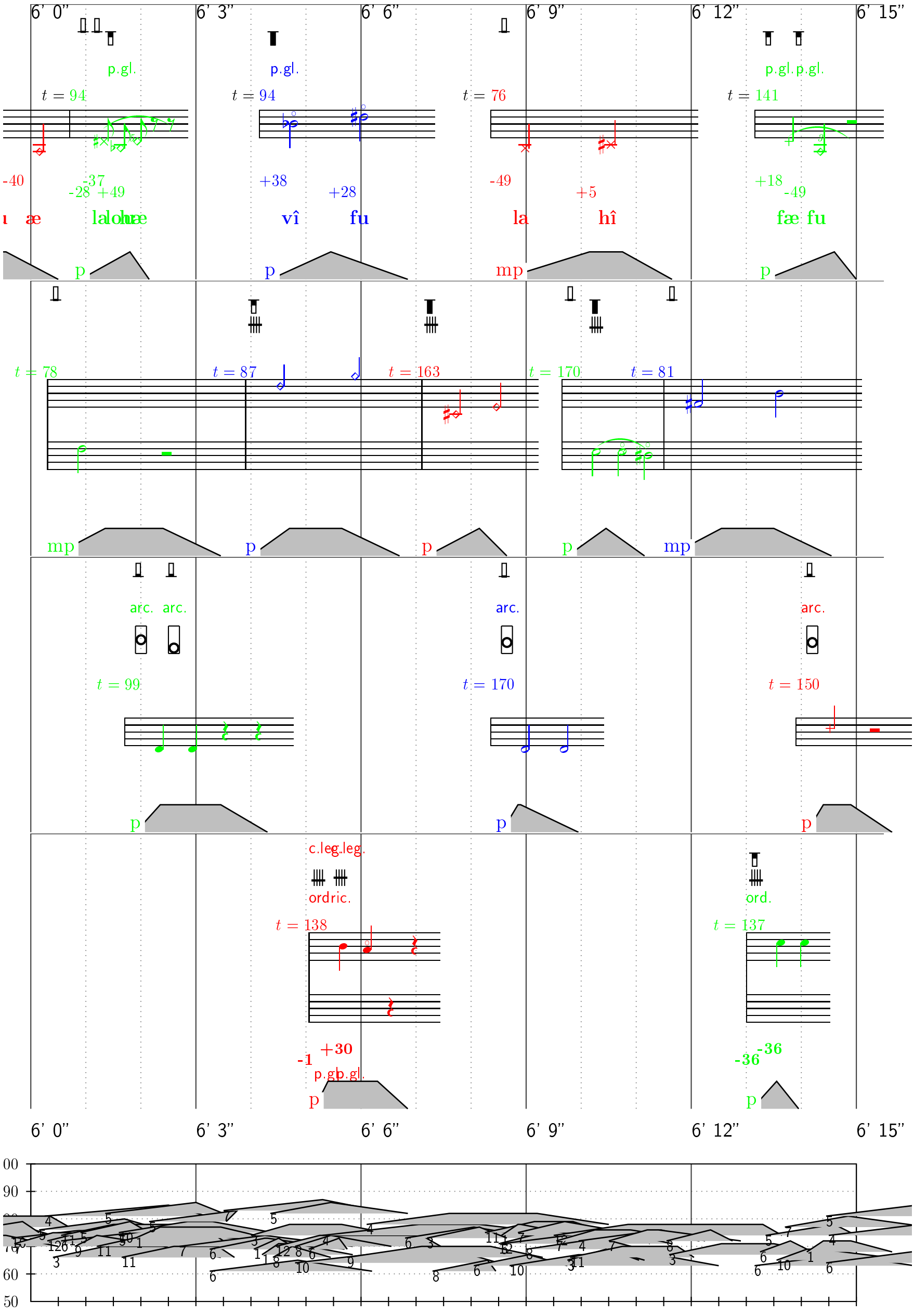
p p p p p

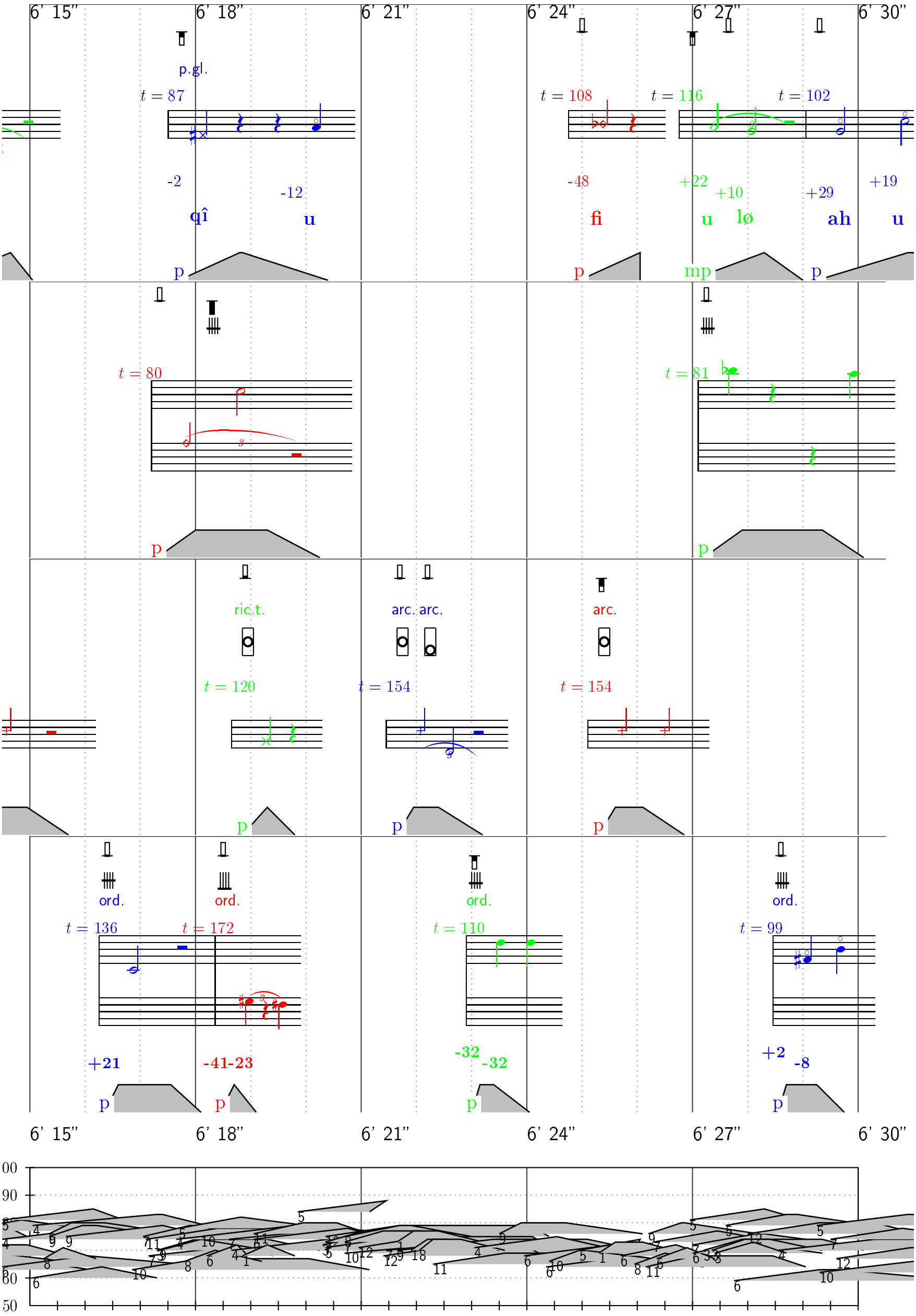
5' 15" 5' 18" 5' 21" 5' 24" 5' 27" 5' 30"

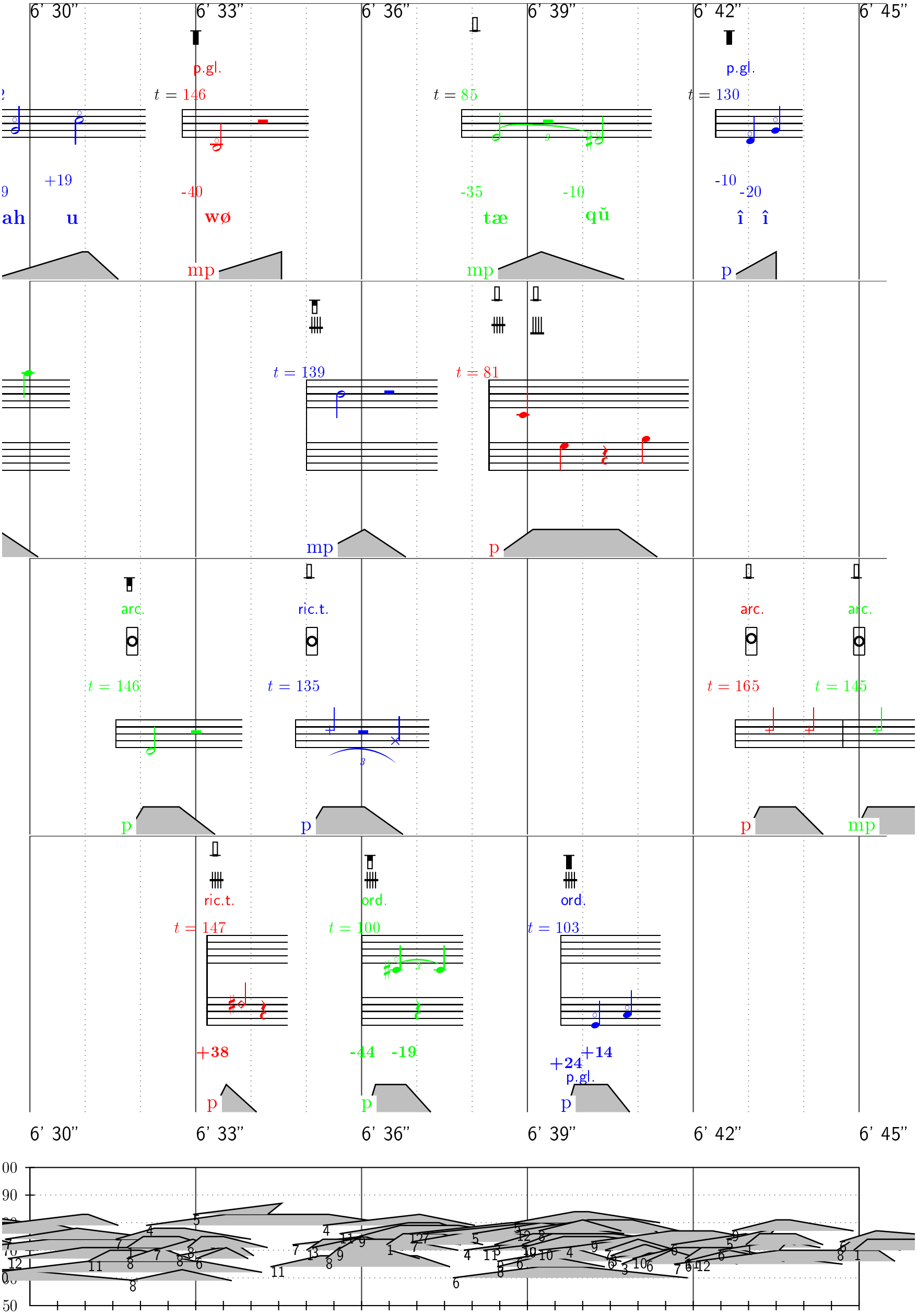


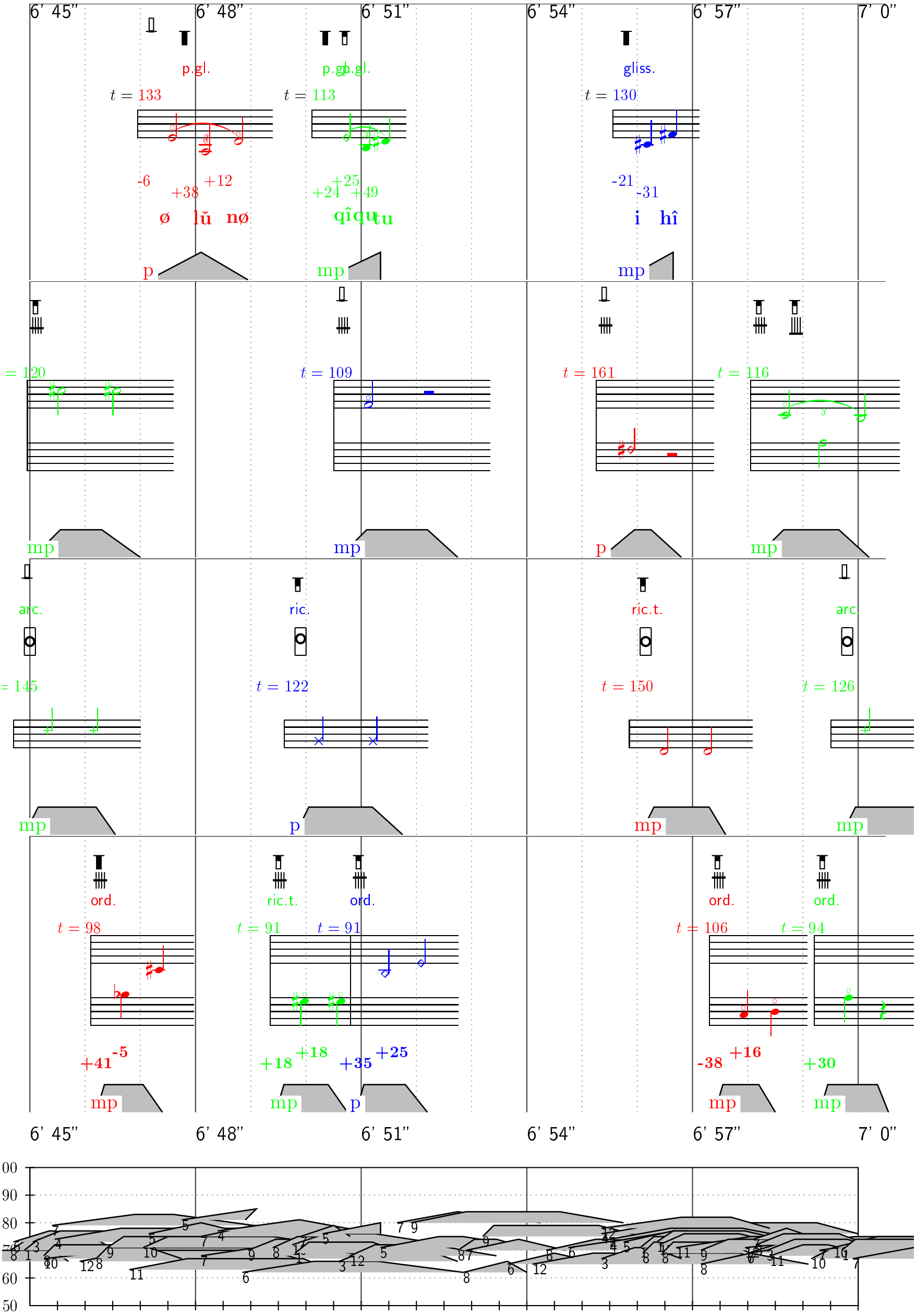

5’ 30”
5’ 33”
5’ 36”
5’ 39”
5’ 42”
5’ 45”
p.gl.
p.gl.
gliss.
p.gl.
t = 90
t = 122
t = 110
+37
+22
-9
-35
-10
+24
-41
+14
zu
lu
vî
î
î
gah
hu
lî
p
p
p
t = 127
t = 88
t = 105
8va
p
p
p
m.ric.
m.ric.
ord.
ric.t.
t = 112
t = 143
t = 97
t = 104
t = 120
p
p
p
p
p
c.leg.
batt.
ric.
t = 99
t = 139
t = 160
+14
-27
-37
+27
-19
gliss.
gliss.
p.gl.
p
p
p
00
90
60
50

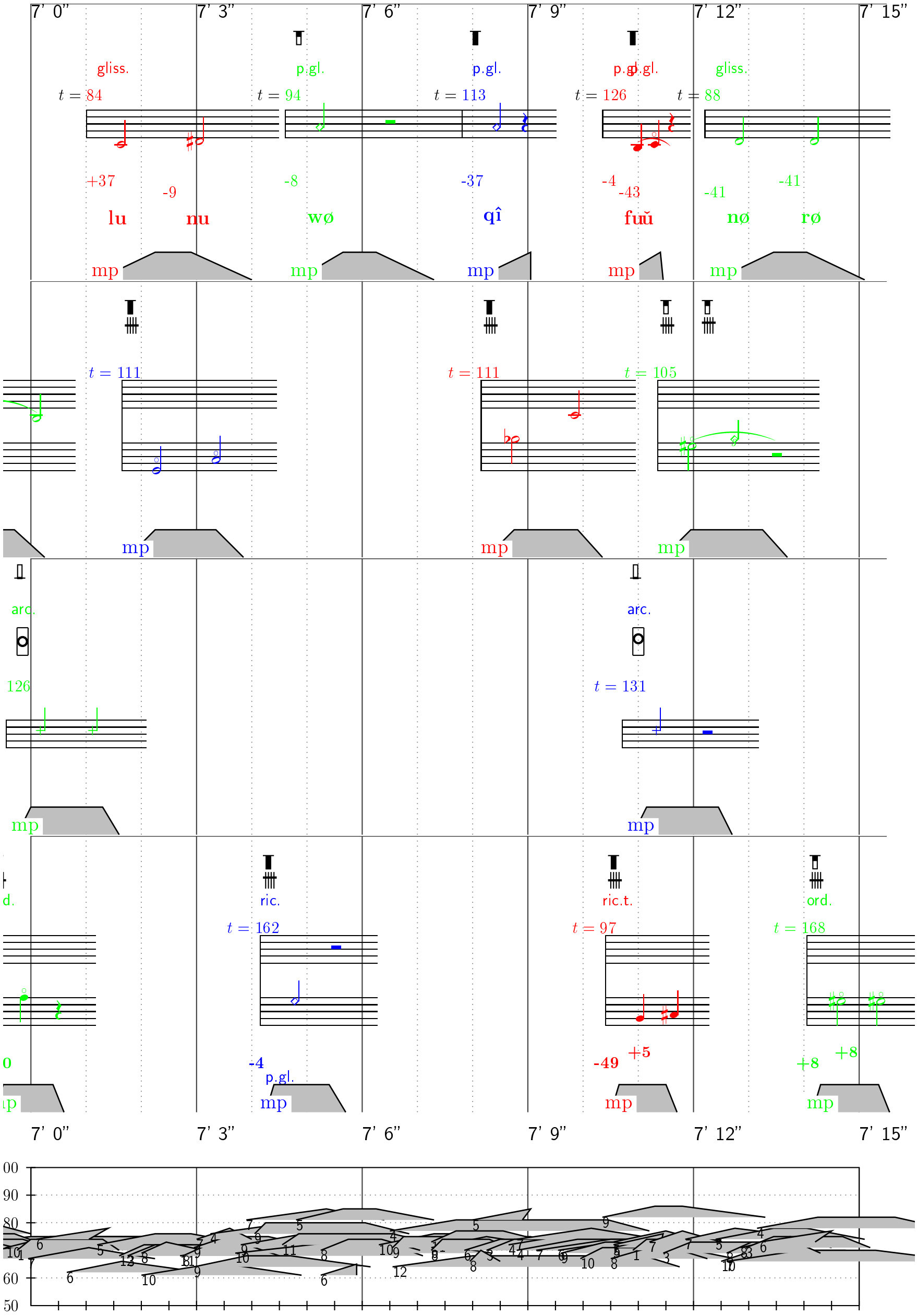

5’ 45”
5’ 48”
5’ 51”
5’ 54”
5’ 57”
6’ 0”
gl.
t = 103
t = 76
t = 111
t = 77
+14
-6
+40
+12
+18
+43
+30
+39
-40
-6
au
lî
u î
lî
hŭ
vî
vu
za
ou
æ
p
mp
p
mp
t = 114
t = 156
t = 98
p
p
p
arc.
ric.
arc.
t = 100
t = 106
p
p
batt.
pizz.
ric.t.
t = 163
t = 176
t = 136
t = 144
t = 155
-2
+32
-46
-6
+48
-11
-11
-14
-24
p.gl.
p.gl.
gliss.
gliss.
p
p
p
p
p
5’ 45”
5’ 48”
5’ 51”
5’ 54”
5’ 57”
6’ 0”
00
90
60
50

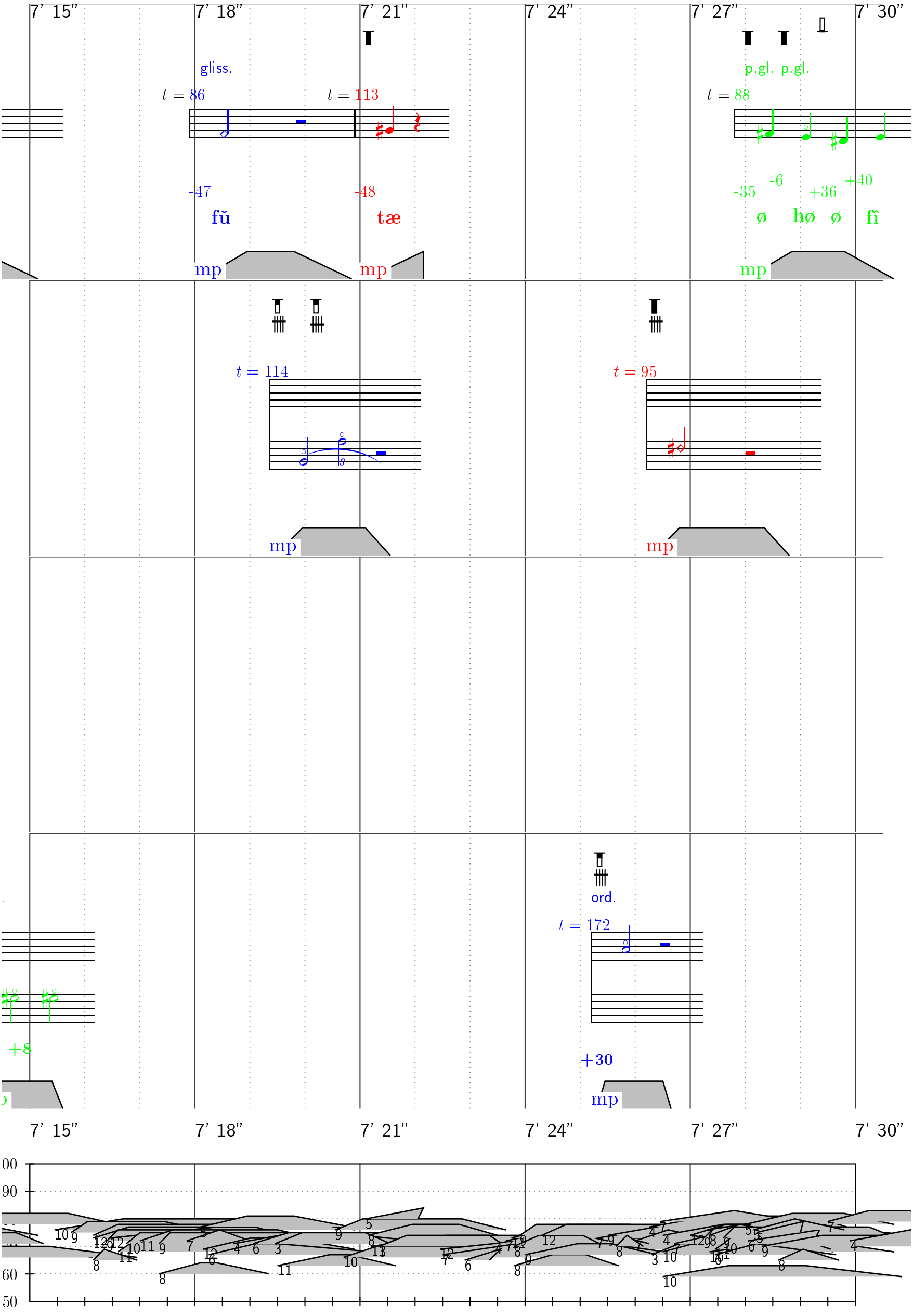

6’ 0”
6’ 3”
6’ 6”
6’ 9”
6’ 12”
6’ 15”
p.gl.
t = 94
-40
-37
-28
+49
ı æ
lalohræ
p
p.gl.
t = 94
+38
+28
vî
fu
p
t = 76
-49
+5
la
hî
mp
p.gl. p.gl.
t = 141
+18
-49
fæ fu
p
t = 78
mp
t = 87
p
t = 163
p
t = 170
p
t = 81
p
mp
arc. arc.
t = 99
p
arc.
t = 170
p
arc.
t = 150
p
c.leg. leg.
ordric.
t = 138
-1
+30
p.gl. p.gl.
p
ord.
t = 137
-36
-36
p
6’ 0”
6’ 3”
6’ 6”
6’ 9”
6’ 12”
6’ 15”
00
90
60
50

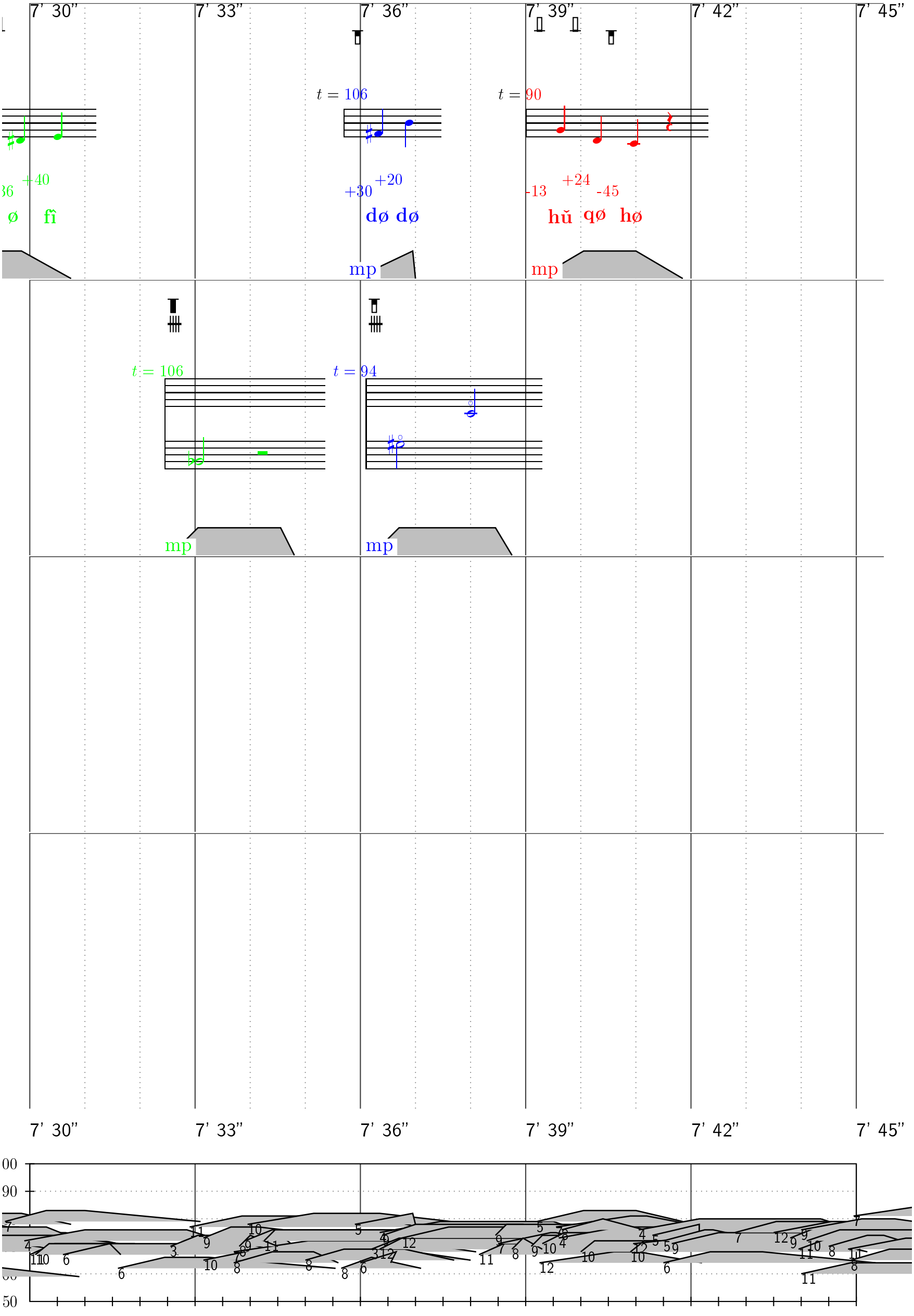

6’ 15”
6’ 18”
6’ 21”
6’ 24”
6’ 27”
6’ 30”
p.gl.
t = 87
-2
-12
qî
u
t = 108
t = 116
t = 102
-48
+22
+10
+29
+19
fi
u
lø
ah
u
p
p
mp
p
t = 80
t = 81
ric.t.
arc. arc.
arc.
t = 120
t = 154
t = 154
ord.
ord.
ord.
ord.
t = 136
t = 172
t = 110
t = 99
+21
-41-23
-32
-32
+2
-8
00
90
80
60
50

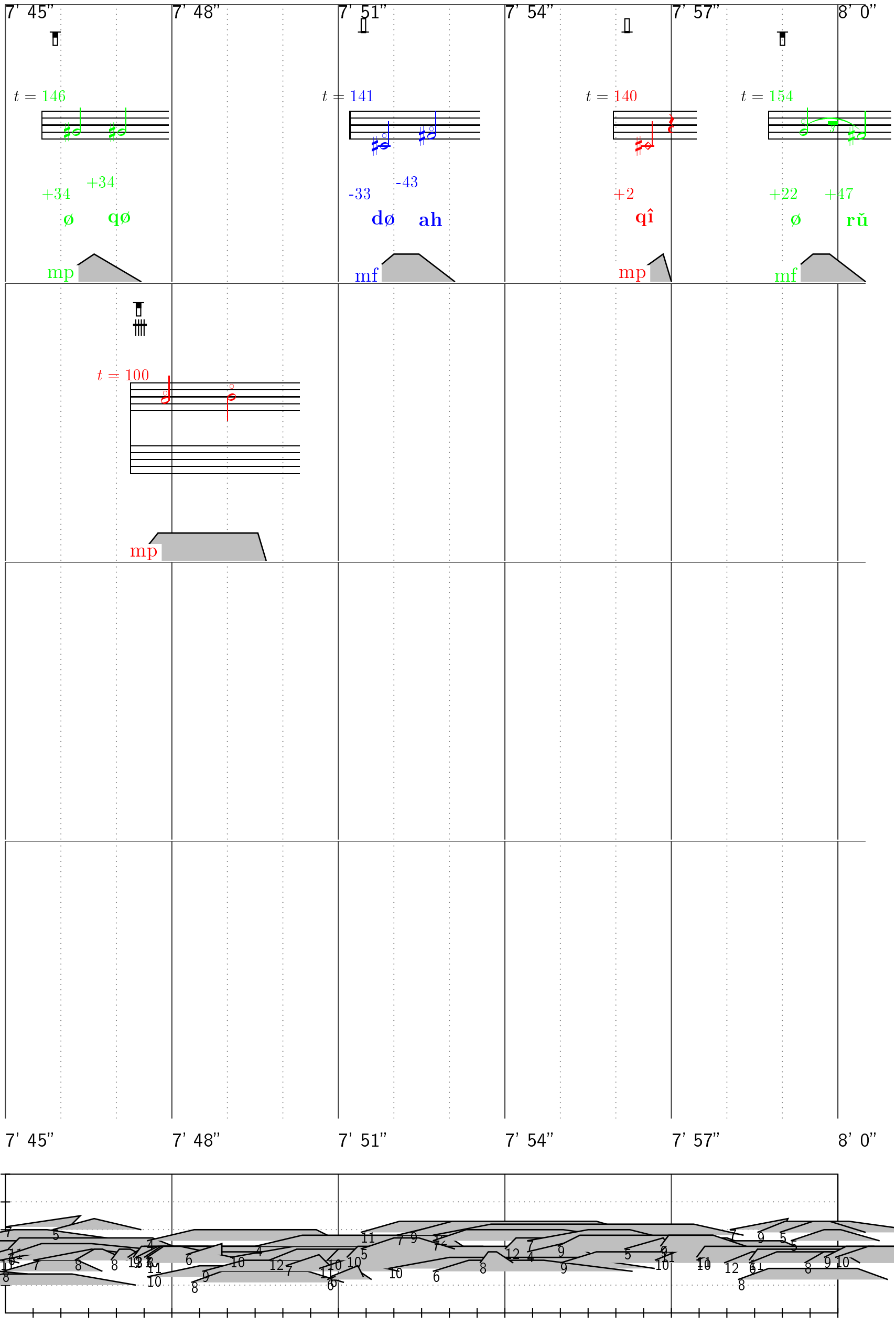

6’ 30”
6’ 33”
6’ 36”
6’ 39”
6’ 42”
6’ 45”
p.gl.
t = 146
t = 85
p.gl.
t = 130
+19
-40
-35
-10
-10
-20
ah
u
wø
tæ
qŭ
î
î
mp
mp
p
t = 139
t = 81
mp
p
arc.
ric.t.
arc.
arc.
t = 146
t = 135
t = 165
t = 145
p
p
p
mp
ric.t.
ord.
ord.
t = 147
t = 100
t = 103
+38
-44
-19
+24
+14
p.gl.
p
p
p
6’ 30”
6’ 33”
6’ 36”
6’ 39”
6’ 42”
6’ 45”
00
90
50

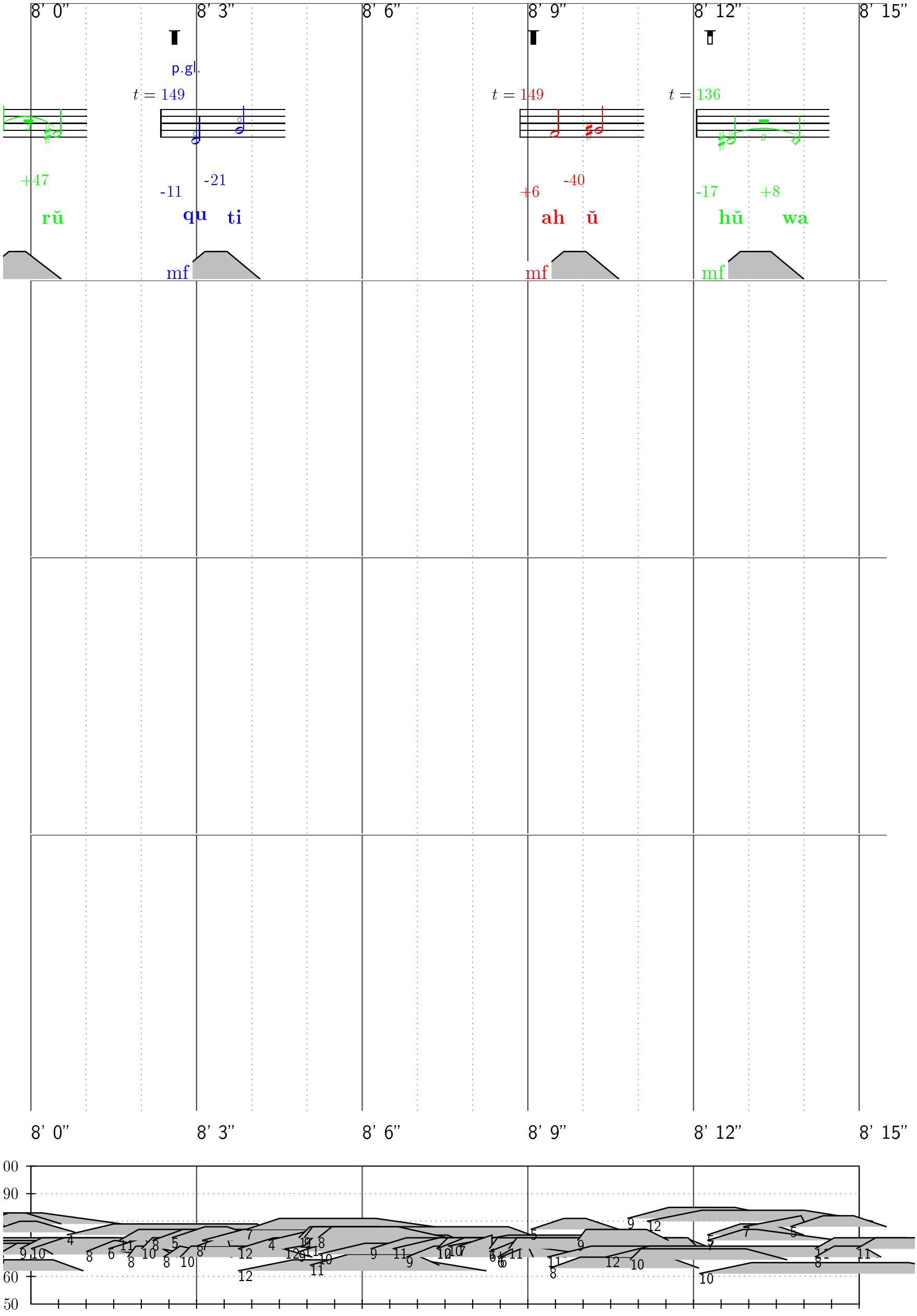

6’ 45”
6’ 48”
6’ 51”
6’ 54”
6’ 57”
7’ 0”
p.gl.
p.gl.
gliss.
t = 133
t = 113
t = 130
-6
+38
+12
+24
+25
+49
-21
-31
ø lǔ nø
qîquu
i hî
p
mp
mp
= 120
t = 109
t = 161
t = 116
mp
mp
p
mp
arc.
ric.
ric.t.
arc.
= 145
t = 122
t = 150
t = 126
mp
p
mp
mp
ord.
ric.t.
ord.
ord.
ord.
t = 98
t = 91
t = 91
t = 106
t = 94
+41
-5
+18
+18
+35
+25
-38
+16
+30
mp
mp
p
mp
mp
6’ 45”
6’ 48”
6’ 51”
6’ 54”
6’ 57”
7’ 0”
00
90
80
60
50

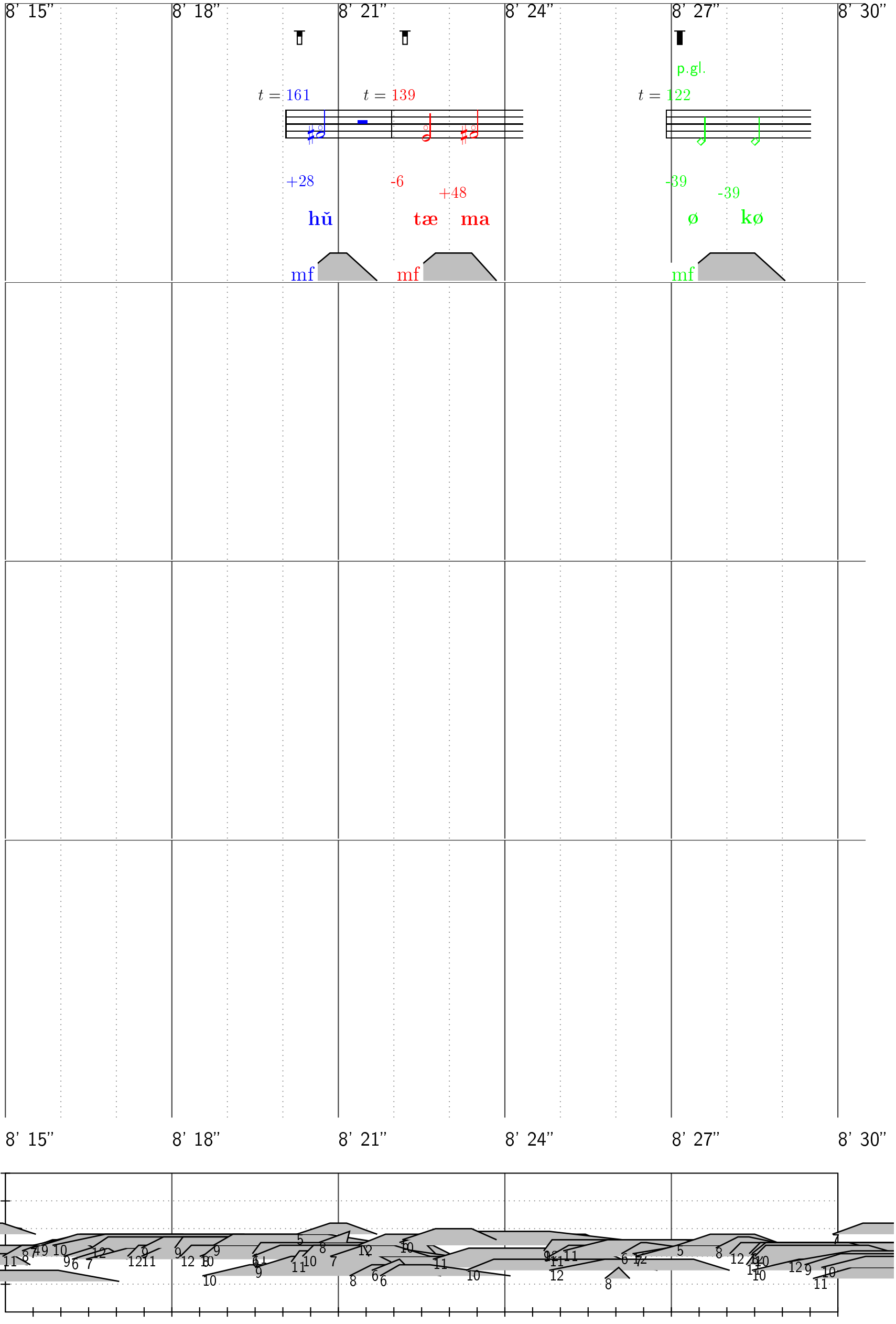

7’ 0”
7’ 3”
7’ 6”
7’ 9”
7’ 12”
7’ 15”
gliss.
p.gl.
p.gl.
p.gl.
gliss.
t = 84
t = 94
t = 113
t = 126
t = 88
+37
-9
-8
-37
-4
-43
-41
-41
lu
nu
wø
qî
fuǔ
nø
rø
mp
mp
mp
mp
mp
t = 111
t = 111
t = 105
mp
mp
mp
arc.
arc.
126
t = 131
mp
mp
d.
ric.
ric.t.
ord.
t = 162
t = 97
t = 168
0
-4
-49
+5
+8
+8
p.gl.
mp
mp
mp
mp
7’ 0”
7’ 3”
7’ 6”
7’ 9”
7’ 12”
7’ 15”
100
90
80
60
50

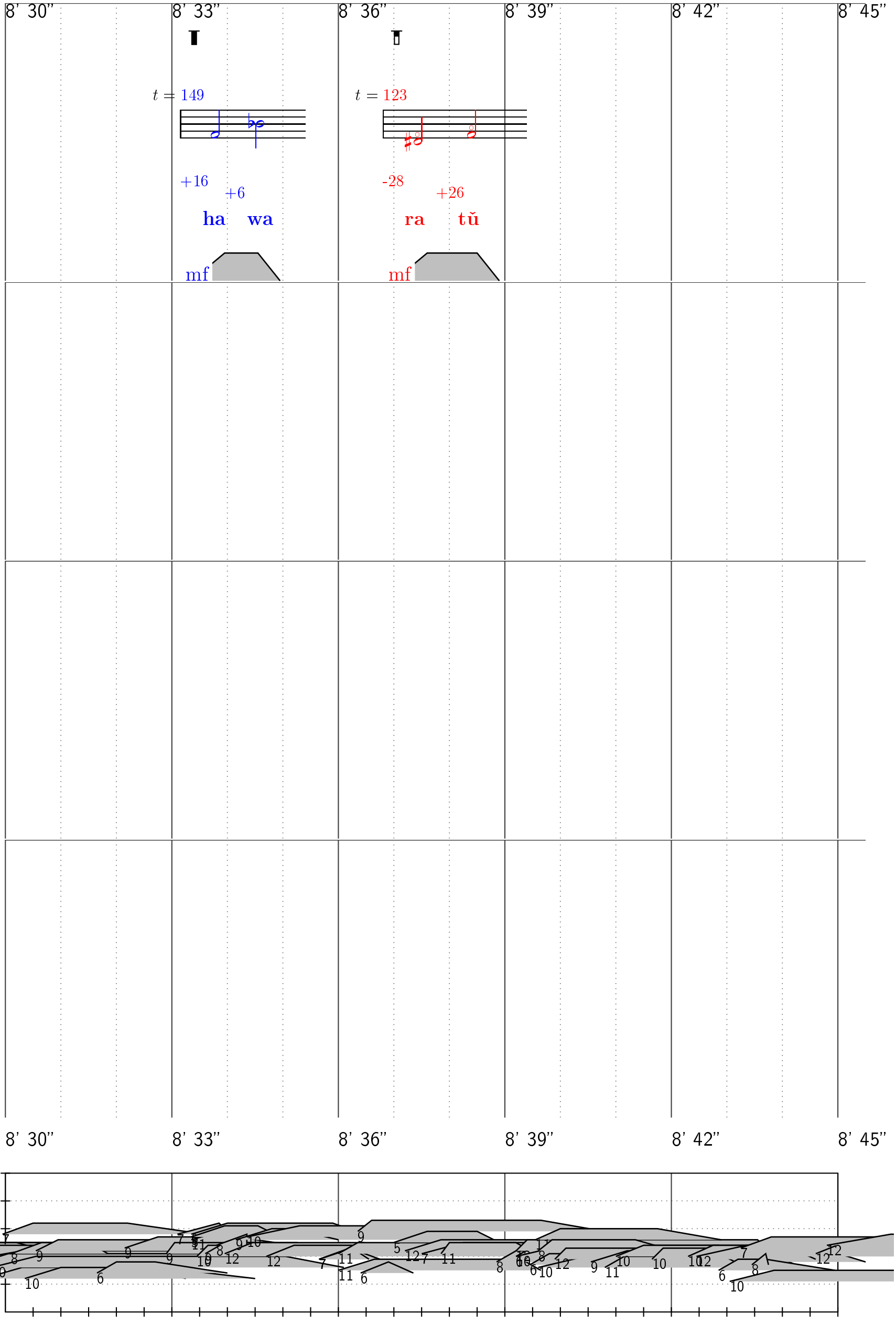

7’ 15”
7’ 18”
7’ 21”
7’ 24”
7’ 27”
7’ 30”
gliss.
t = 86
t = 113
-47
-48
fŭ
tæ
mp
mp
p.gl. p.gl.
t = 88
-35
-6
+36
+40
ø
hø
ø
fĩ
mp
t = 114
mp
t = 95
mp
ord.
t = 172
+8
+30
mp
7’ 15”
7’ 18”
7’ 21”
7’ 24”
7’ 27”
7’ 30”
100
90
60
50

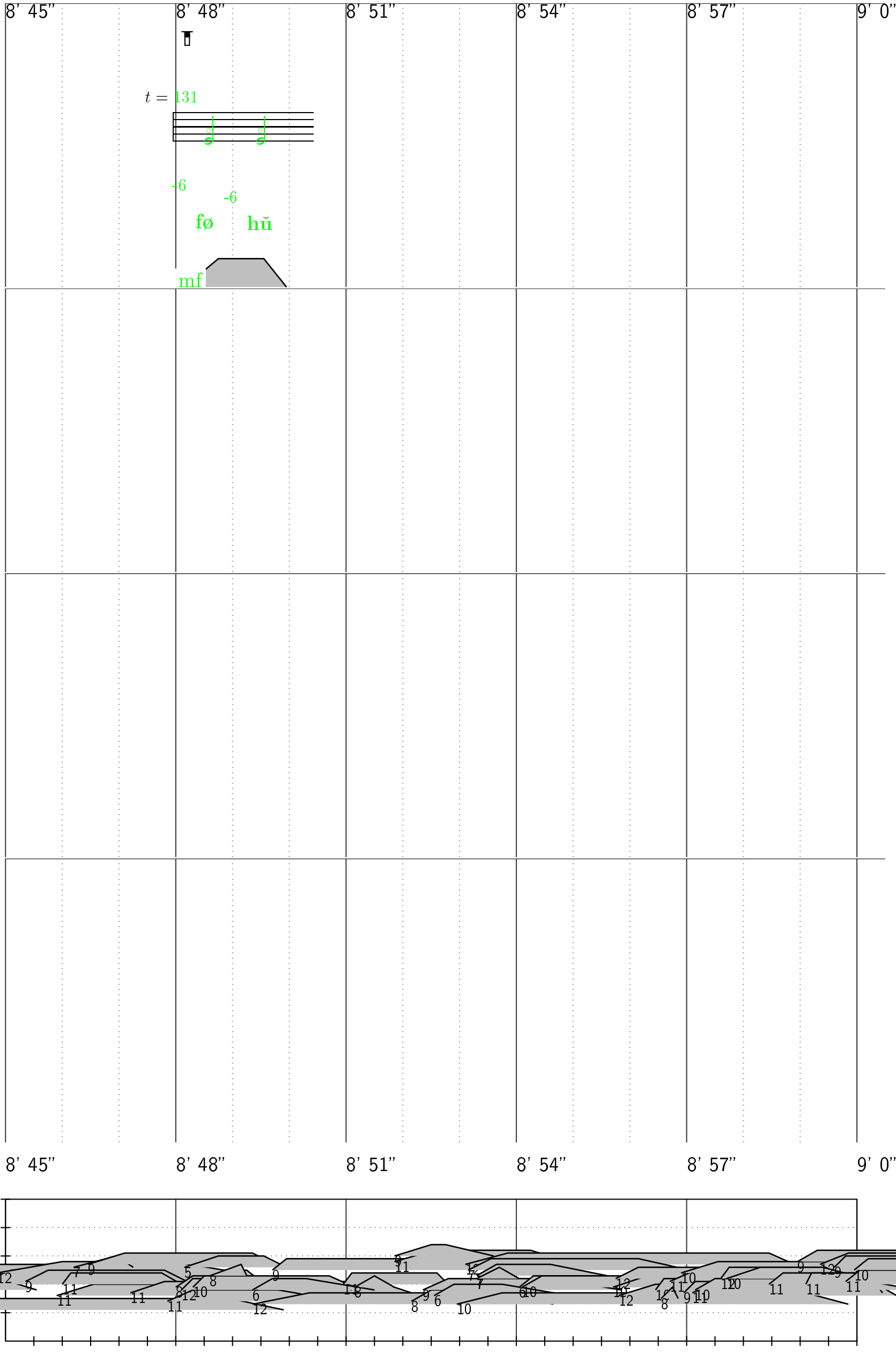

7’ 30”
7’ 33”
7’ 36”
7’ 39”
7’ 42”
7’ 45”
t = 106
t = 90
+40
+30
+20
-13
+24
-45
ø fî
dø dø
hŭ qø hø
mp
mp
t = 106
t = 94
mp
mp
7’ 30”
7’ 33”
7’ 36”
7’ 39”
7’ 42”
7’ 45”
00
90
50

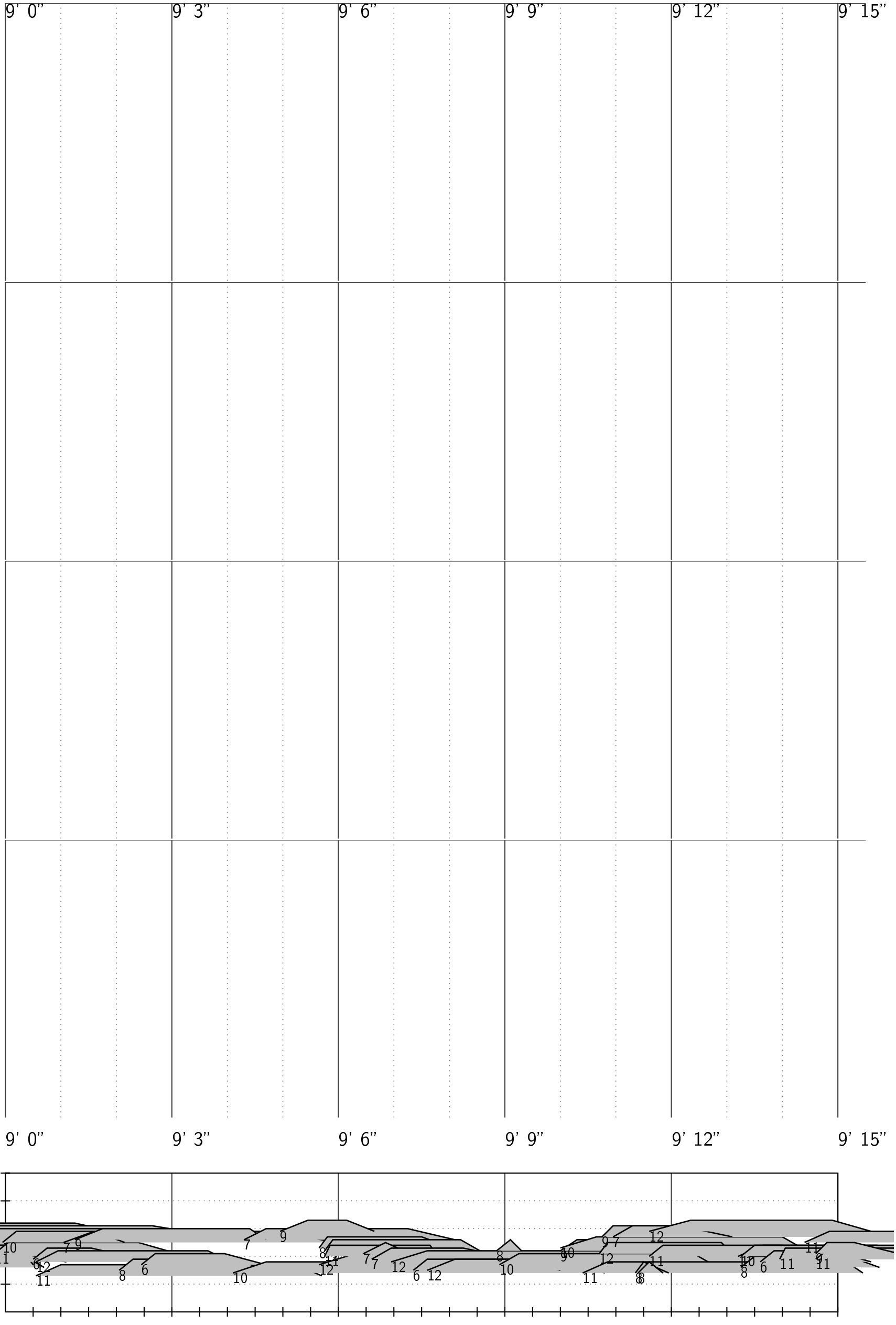

7’ 45”
7’ 48”
7’ 51”
7’ 54”
7’ 57”
8’ 0”
t = 146
+34
+34
ø
qø
mp
t = 141
-33
-43
dø
ah
mf
t = 140
+2
qî
mp
t = 154
+22
+47
ø
rŭ
mf
t = 100
mp
7’ 45”
7’ 48”
7’ 51”
7’ 54”
7’ 57”
8’ 0”
00
90
80
60
50

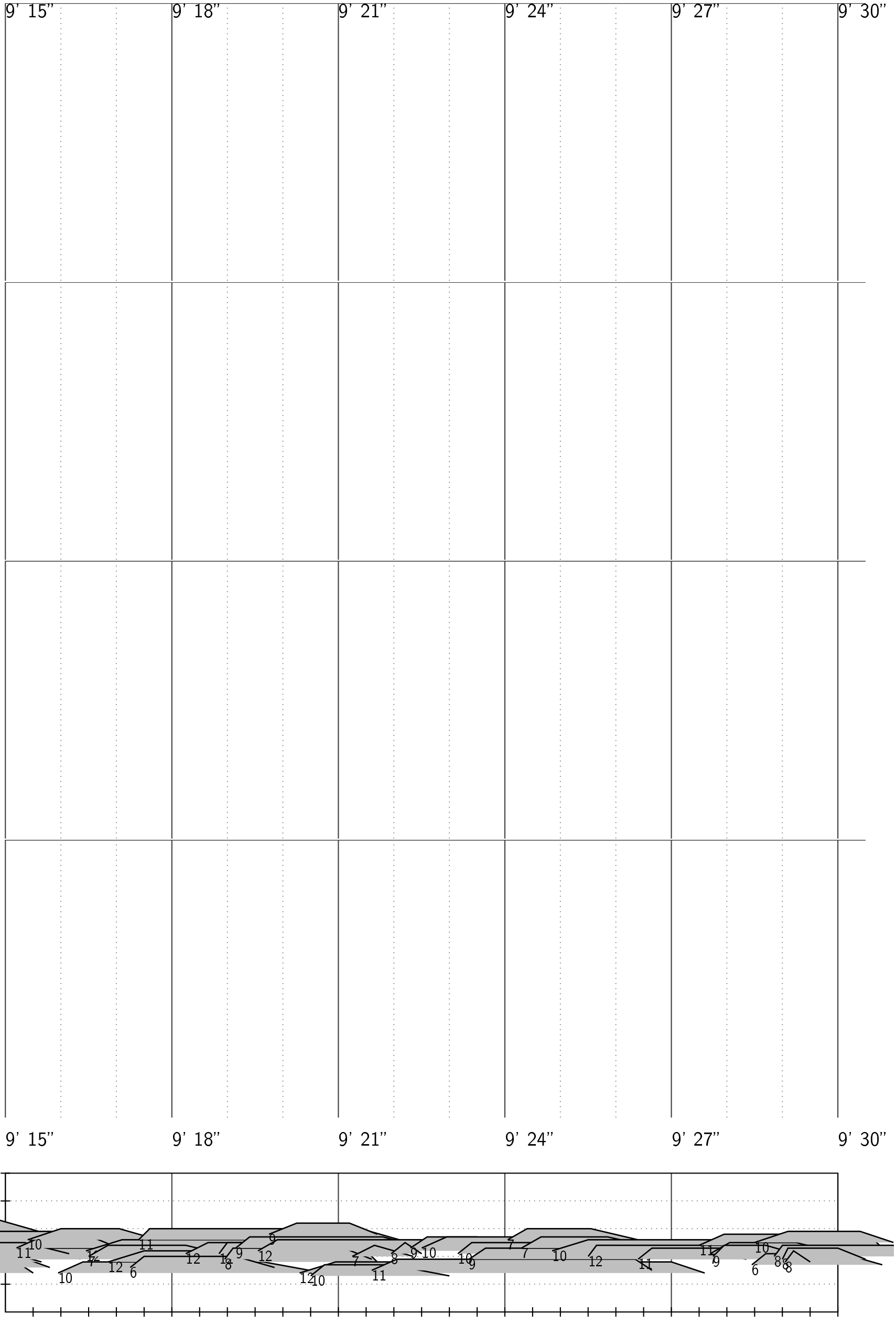

8’ 0”
8’ 3”
8’ 6”
8’ 9”
8’ 12”
8’ 15”
p.gl.
t = 149
t = 149
t = 136
+47
-11
-21
+6
-40
-17
+8
rŭ
qu
ti
ah
ŭ
hŭ
wa
mf
mf
mf
8’ 0”
8’ 3”
8’ 6”
8’ 9”
8’ 12”
8’ 15”
00
90
60
50

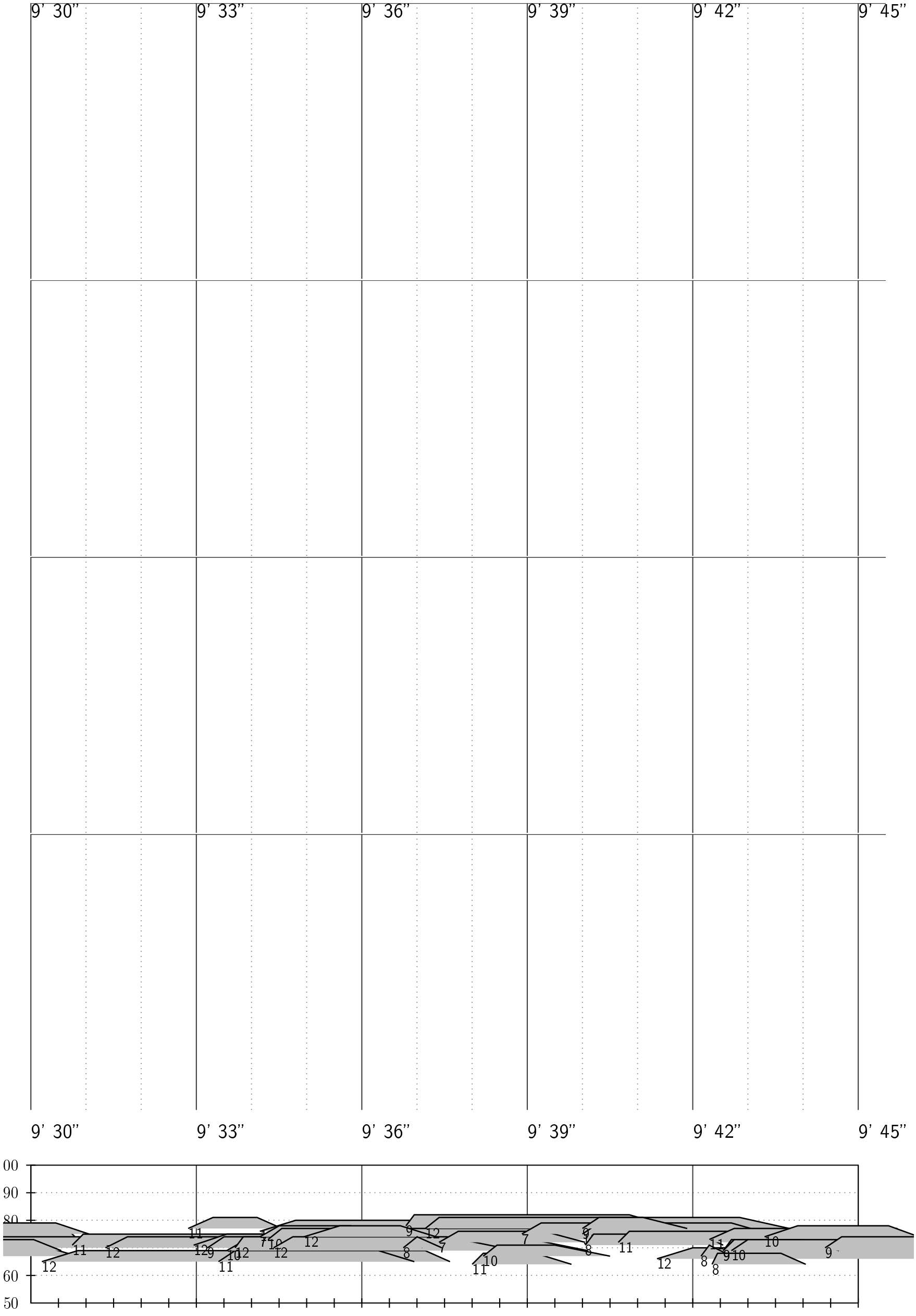

8’ 15”
8’ 18”
8’ 21”
8’ 24”
8’ 27”
8’ 30”
t = 161
t = 139
t = 122
p.gl.
+28
-6
+48
-39
-39
hŭ
tæ
ma
ø
kø
mf
mf
mf
00
90
60
50


8’ 30”
8’ 33”
8’ 36”
8’ 39”
8’ 42”
8’ 45”
t = 149
t = 123
+16
+6
-28
+26
ha
wa
ra
tŭ
mf
mf
8’ 30”
8’ 33”
8’ 36”
8’ 39”
8’ 42”
8’ 45”

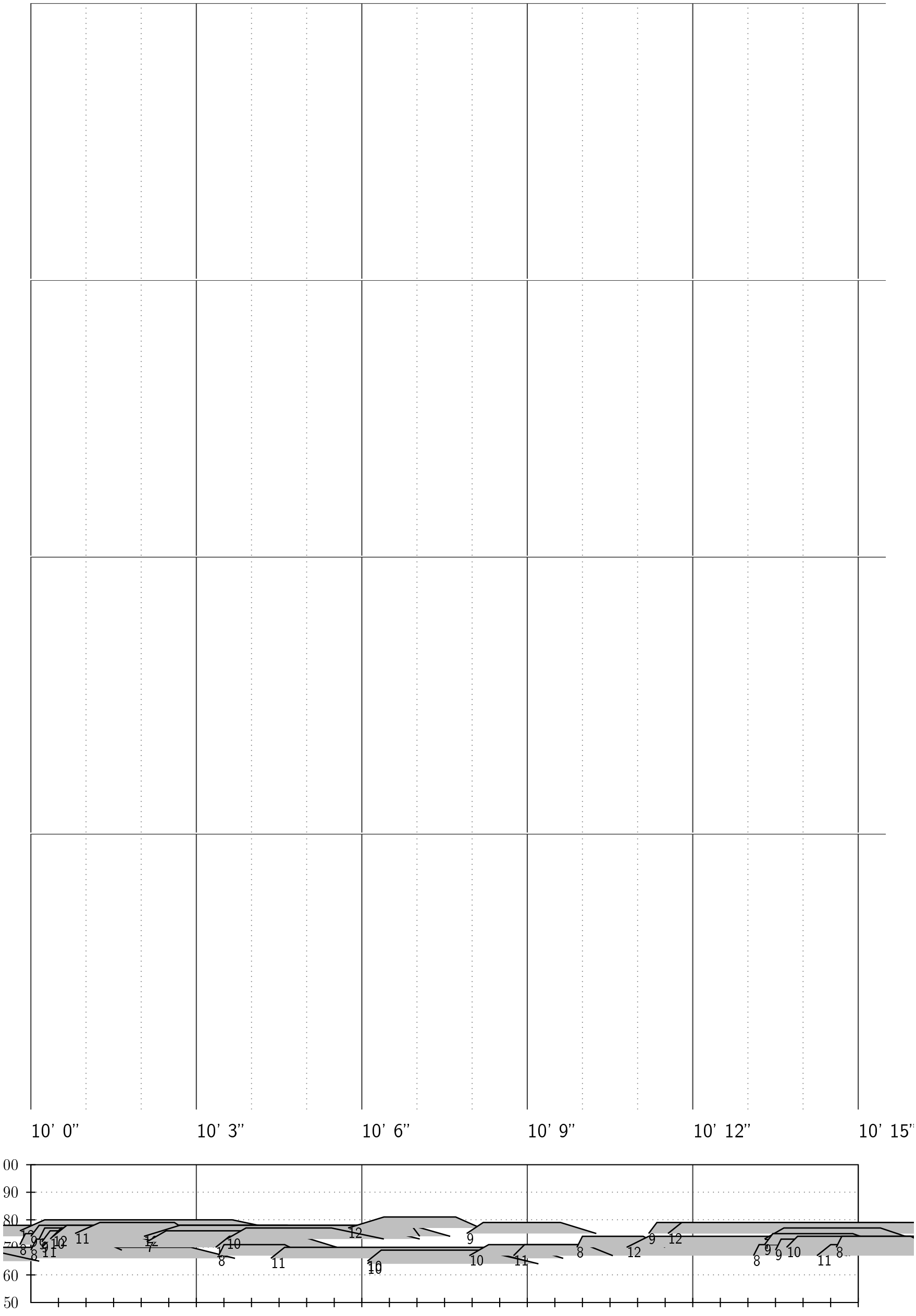

8’ 45”
8’ 48”
8’ 51”
8’ 54”
8’ 57”
9’ 0”
t = 131
-6
-6
fø
hŭ
mf
8’ 45”
8’ 48”
8’ 51”
8’ 54”
8’ 57”
9’ 0”
00
90
80
60
50

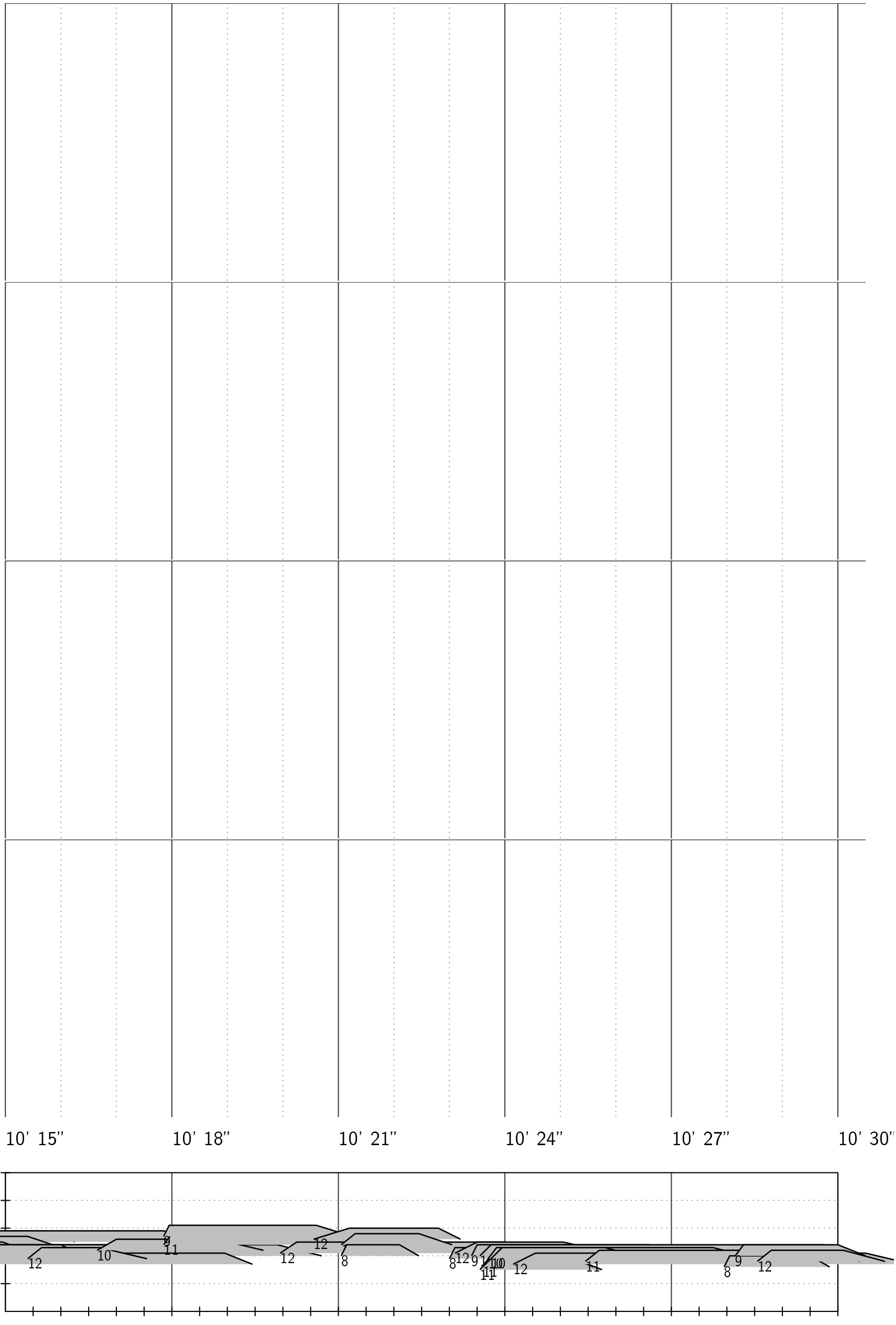

9’ 0”
9’ 3”
9’ 6”
9’ 9”
9’ 12”
9’ 15”
9’ 0”
9’ 3”
9’ 6”
9’ 9”
9’ 12”
9’ 15”
00
90
60
50

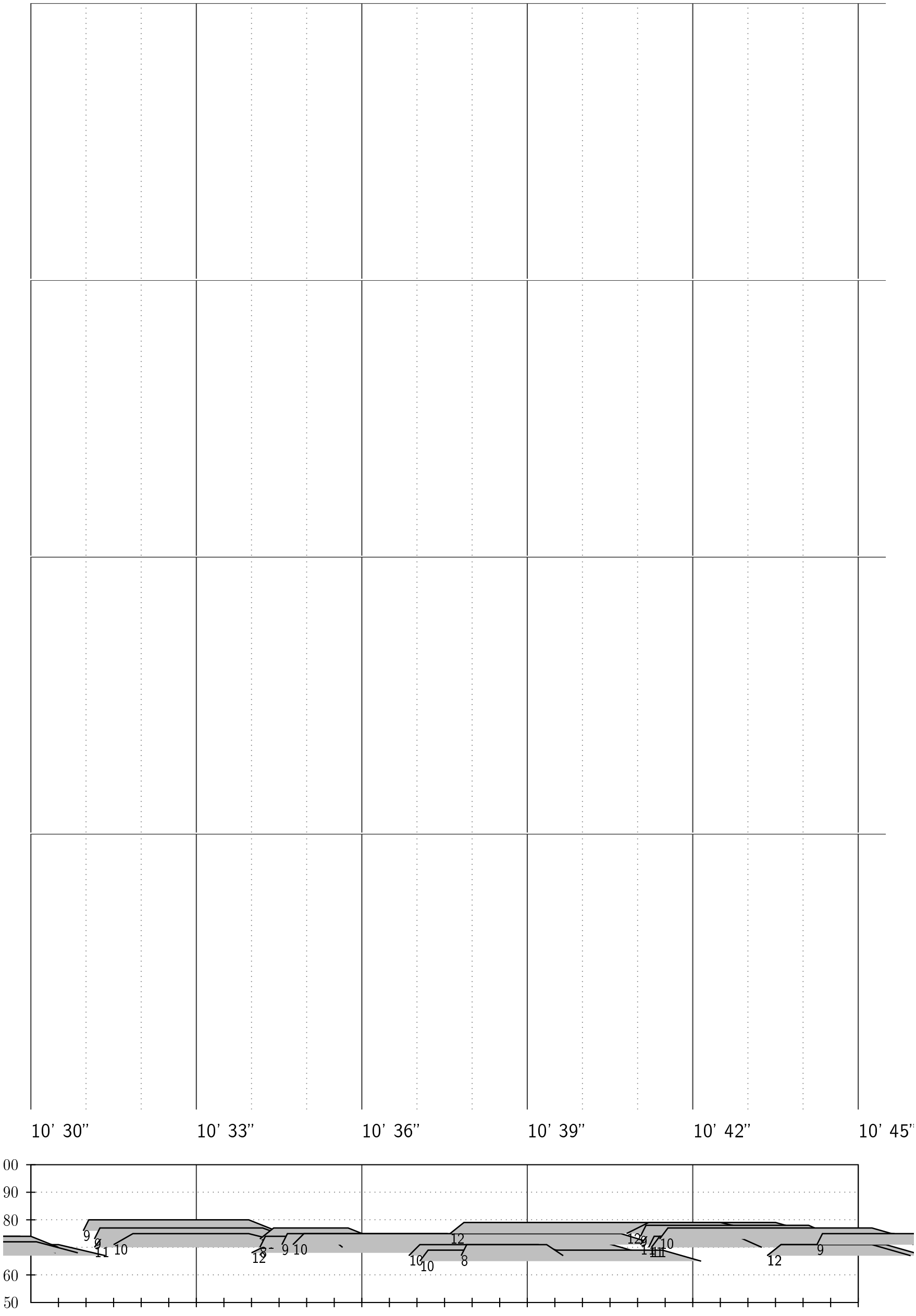

9’ 15”
9’ 18”
9’ 21”
9’ 24”
9’ 27”
9’ 30”
9’ 15”
9’ 18”
9’ 21”
9’ 24”
9’ 27”
9’ 30”
00
90
60
50

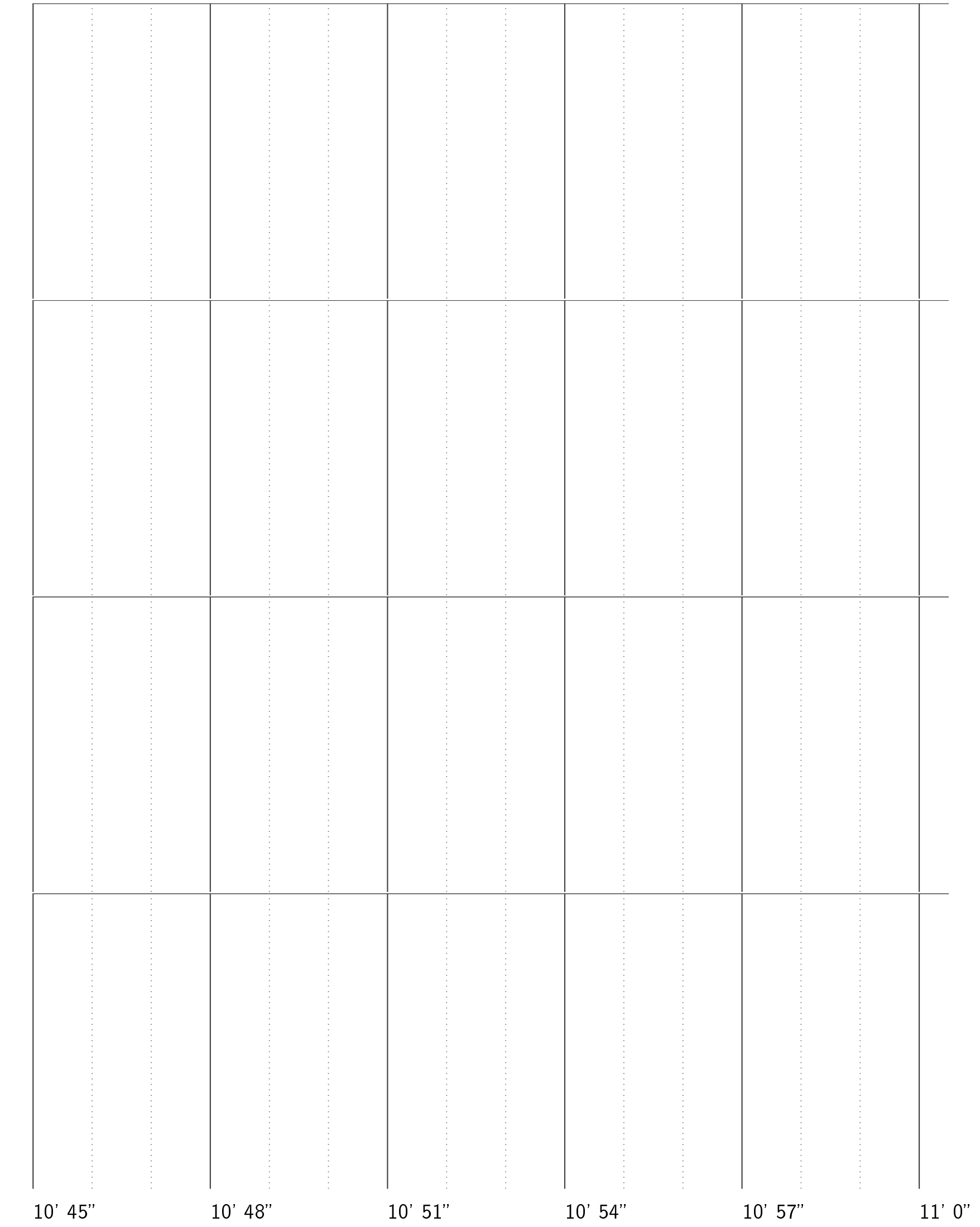

9’ 30”
9’ 33”
9’ 36”
9’ 39”
9’ 42”
9’ 45”
00
90
80
60
50

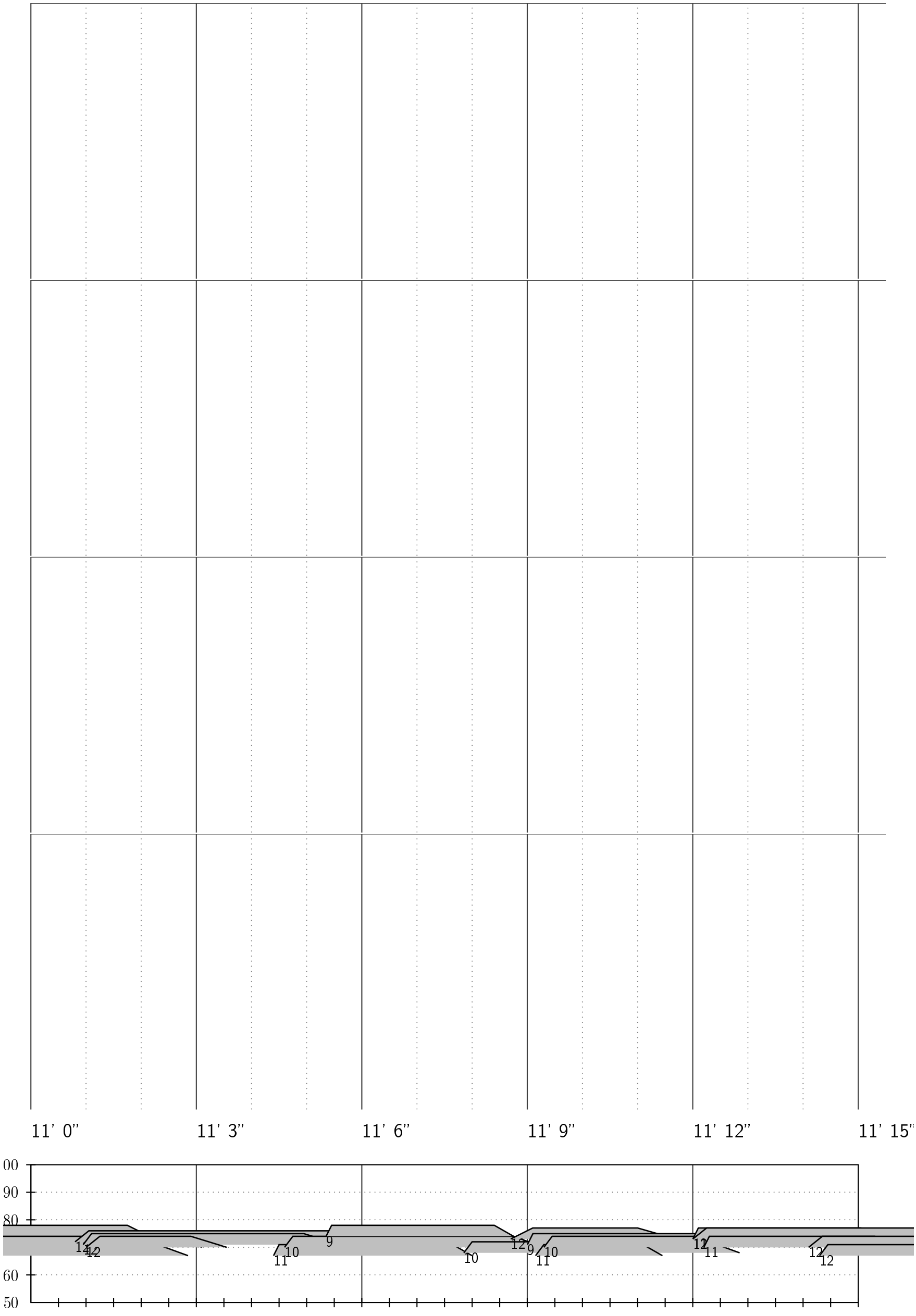
9’ 45”
9’ 48”
9’ 51”
9’ 54”
9’ 57”
10’ 0”
00
90
80
60
50

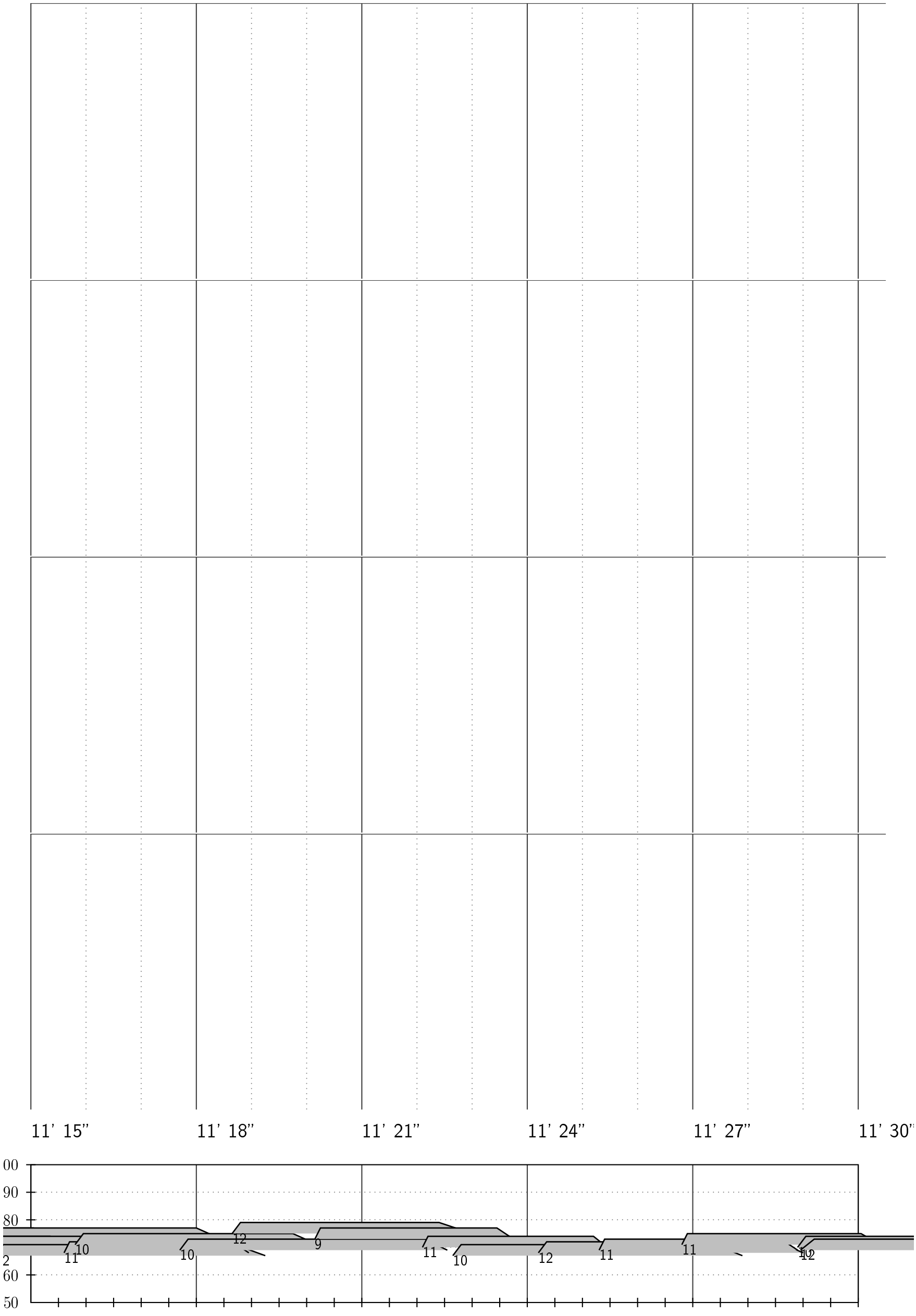

10’ 0”
10’ 3”
10’ 6”
10’ 9”
10’ 12”
10’ 15”
00
90
80
60
50

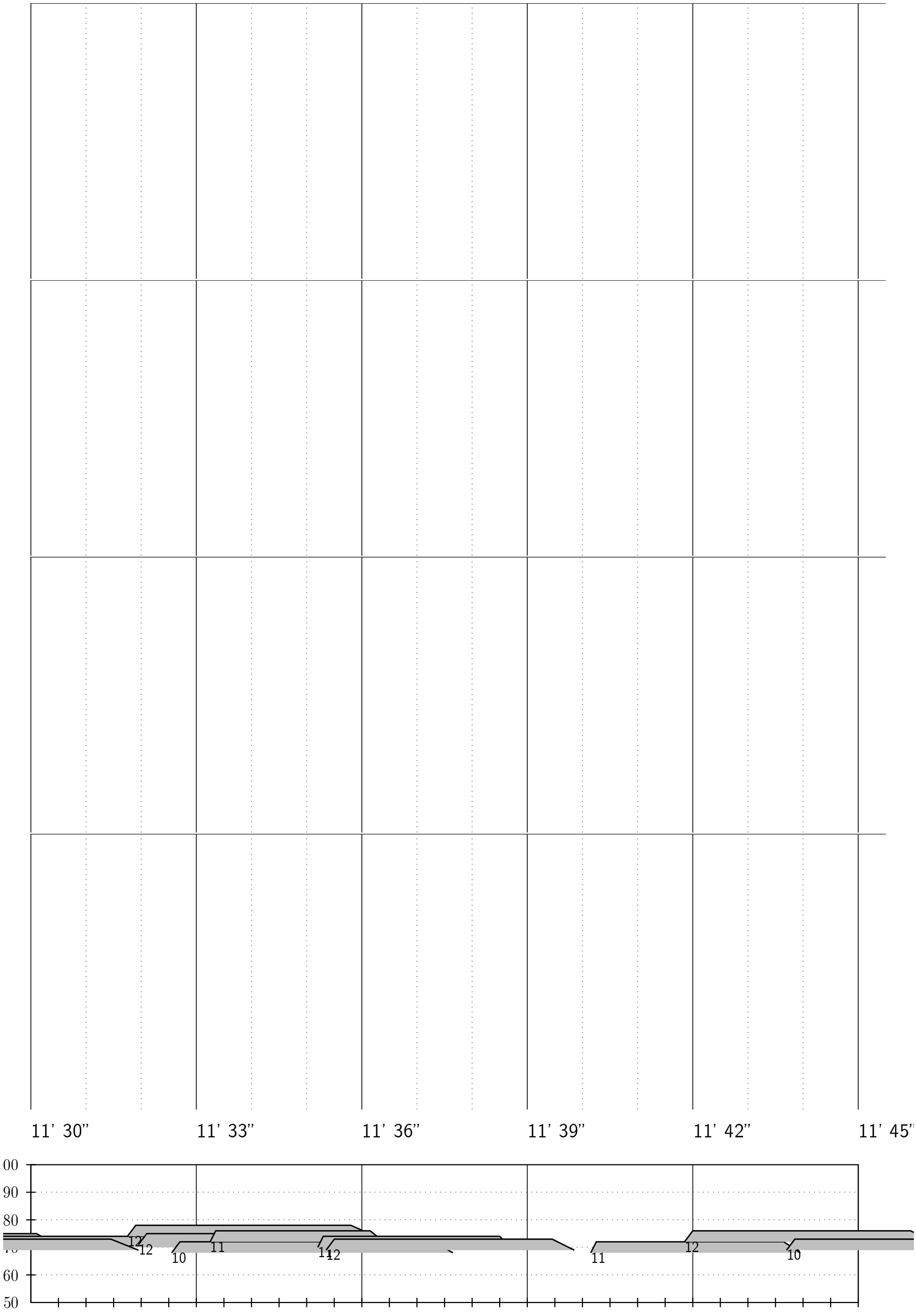

10’ 15”
10’ 18”
10’ 21”
10’ 24”
10’ 27”
10’ 30”
00
90
80
60
50

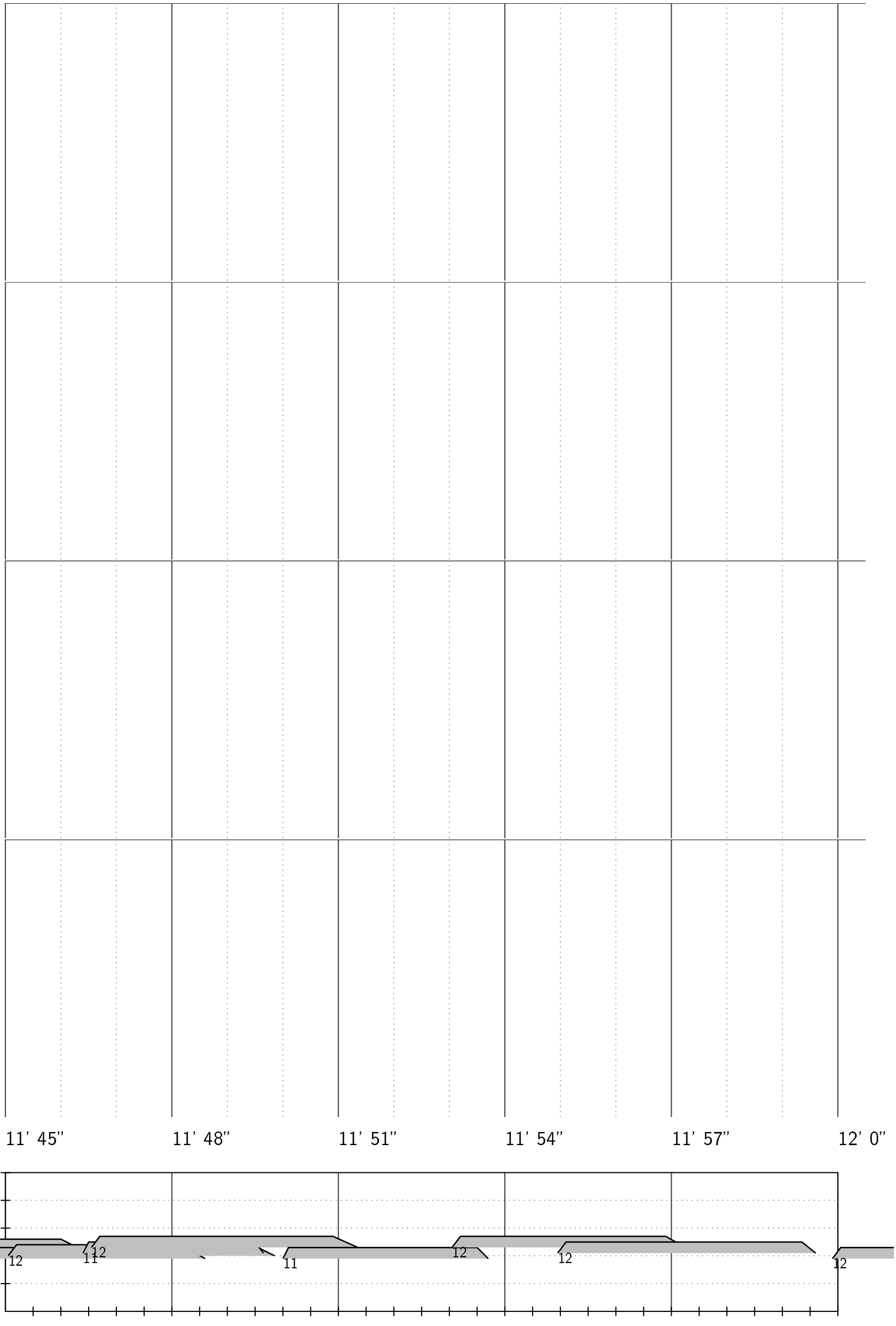

10’ 30”
10’ 33”
10’ 36”
10’ 39”
10’ 42”
10’ 45”
00
90
80
60
50

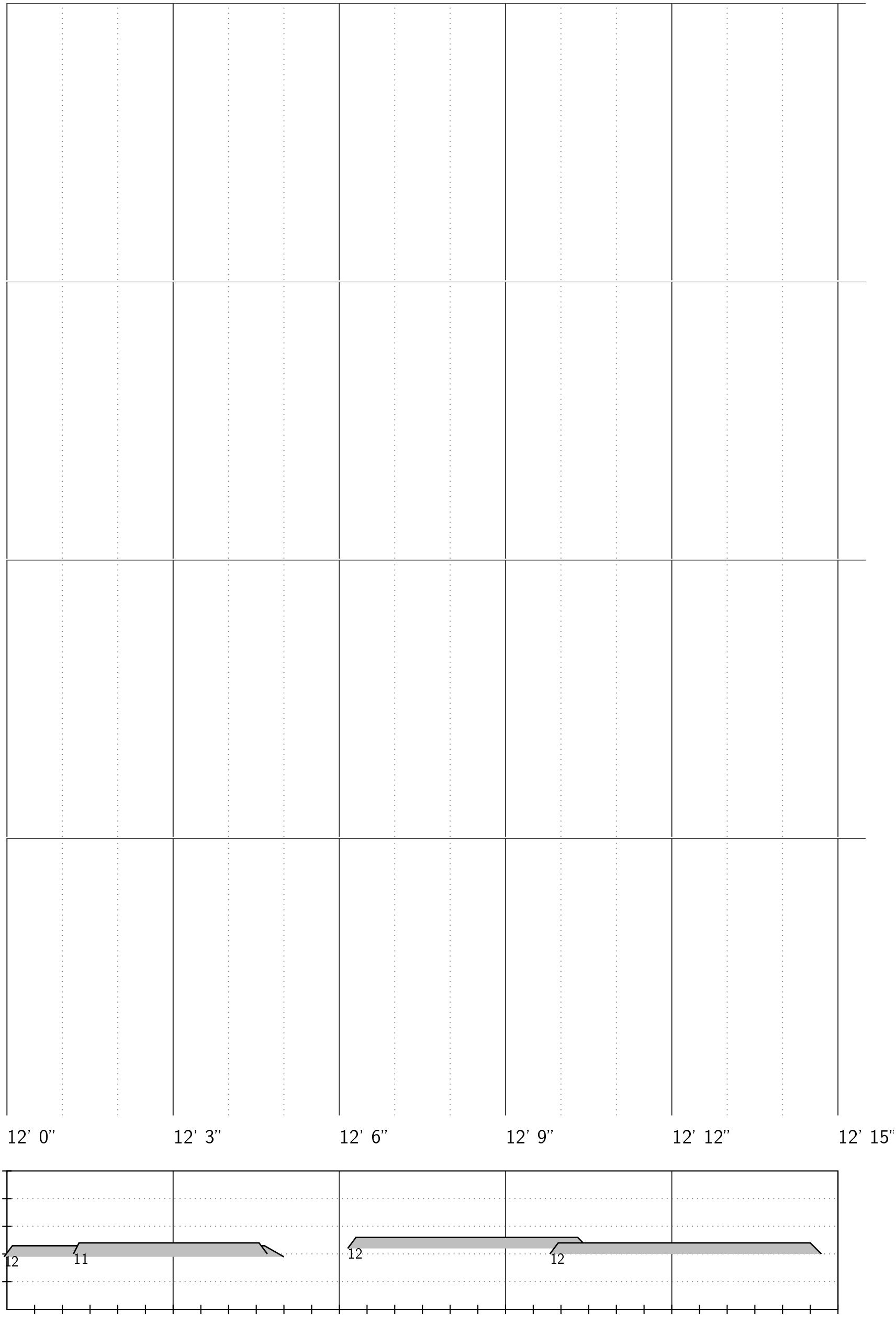

10’ 45”
10’ 48”
10’ 51”
10’ 54”
10’ 57”
11’ 0”
00
90
80
60
50

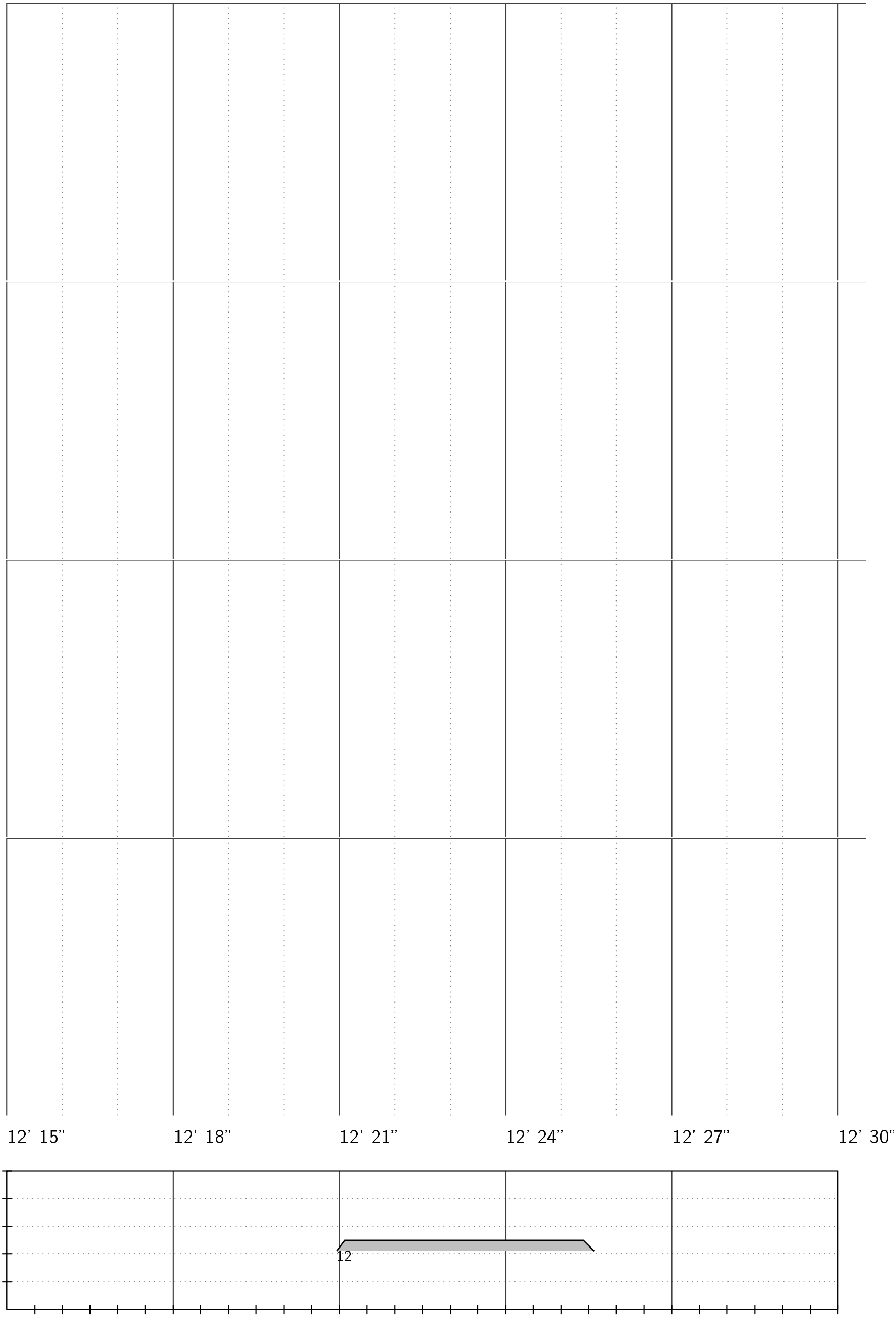

11’ 0”
11’ 3”
11’ 6”
11’ 9”
11’ 12”
11’ 15”
00
90
80
60
50
14
12
11
10
9
12
10
11
12
11
12
12


11’ 15”
11’ 18”
11’ 21”
11’ 24”
11’ 27”
11’ 30”
00
90
80
2
60
50
11
10
10
12
9
11
10
12
11
11
12


11’ 30”
11’ 33”
11’ 36”
11’ 39”
11’ 42”
11’ 45”
00
90
80
60
50
12
12
10
11
11
12
11
12
10


11’ 45”
11’ 48”
11’ 51”
11’ 54”
11’ 57”
12’ 0”
00
90
80
60
50
12
11
12
11
12
12
12


12' 0"
12' 3"
12' 6"
12' 9"
12' 12"
12' 15"
00
90
80
70
60
50
12
11
12
12


12’ 15”
12’ 18”
12’ 21”
12’ 24”
12’ 27”
12’ 30”
00
90
80
70
60
50
12