Lê Quan Ninh

Carbon-Based

for 4 percussionists

dedicated to : Ensemble This Ensemble That

2016

The piece has been imagined after having listened to the String Quartet No.2 by Jürg Frey

Stopwatches are necessary for the performance of the piece. All performers should begin their stopwatches at the same time. WiFi (or any other) synchronized stopwatches system is recommended

Each percussionist should be equipped with :
1 horizontal double-sided floor tom-tom or horizontal double-sided bass drum with the upper rim higher than the drum head
1 solid carbon rod with a diameter of 3 mm and a length of 1 m (can be a little bit shorter or longer)
1 doublebass bow

The carbon rod is bowed as being maintained on the drum head. The end closest to the hand is in contact with the drum head and the body is in contact with the rim. The longer part of the rod greatly exceeds the drum. It is bowed vertically close to the rim on the side of the instrument

In order to fulfill the playing instructions below, each percussionist determines independently the closest and the farthest possible playable contact points between the rod and the rim. Those are the positions ① and ④ as indicated in the score. Positions ② and ③ can be anywhere between positions ① and ④. The entire range is within a length of about 20/30 cm

The playing is as neutral as possible without any accent, neither at the beginning nor the end of each action. The percussionists have to pay attention to avoid - as far as possible - any fade in or fade out effects as well as to be quieter as possible when position is changed when not bowing.
The sounds to be produced are close to the sound of a breath, a light pink noise, a breath colored by a pitch but note the opposite. The players should avoid getting clear pitches or creaking sounds.

Arrows (i.e. 

) from a position to another one indicates glissandi obtained by sliding of the rod against the rim while bowing

The percussionnists can be anywhere on stage or in the space. Can be played frontally or not. Not to be amplified though.

Carbon-Based

Lê Quan Ninh - 2016

I

0’00”

12306 ms

4 *pppp sempre*

3 *pppp sempre*

1 *pppp sempre*

3 *pppp sempre*

0’21”

7785 ms

2

1

3

3

0’42”

3000 ms

3

4

4

1

1’03”

2

1

2

2

II

15924 ms

1’24” 281 ms 2 3 4 1

1’26” 366 ms 2 3 4 1

1’28” 234 ms 2 3 4 1

456 ms 2 3 4 1

1’30” 1020 ms 2 2 1 3

1790 ms 2 2 1 3

1’32” 1085 ms 2 2 1 3

1’35” 2 1 2 4

3256 ms

1’39” 3 1 2 4

4813 ms

1’44” 3 1 2 4

4490 ms

1’51” 2 4 2 3

(1’57”) 7218 ms

2’00” 3 2 3 3

6617 ms

2’13” 4 1 4 2

17797 ms

2’31” 4 2 2 2

14496 ms

2’54”

2422 ms

1

1

1

4

3’27”

26471 ms

4

1

2

3

III

4’12”

2982 ms

4

16000 ms

4

12436 ms

1

3672 ms

4

IV

4’36”

584 ms

7000 ms

8708 ms

5562 ms

4’46”

4752 ms

4000 ms

3359 ms

1000 ms

4’52”

500 ms

1500 ms

1827 ms

1519 ms

4’54”

2267 ms

3

340 ms

1

1933 ms

4

518 ms

4

4’59”

3332 ms

3

4520 ms

4

3542 ms

1

3604 ms

4

5’04”

3029 ms

1

3610 ms

3

4841 ms

1

2966 ms

3

5’09”

2017 ms

2

2996 ms

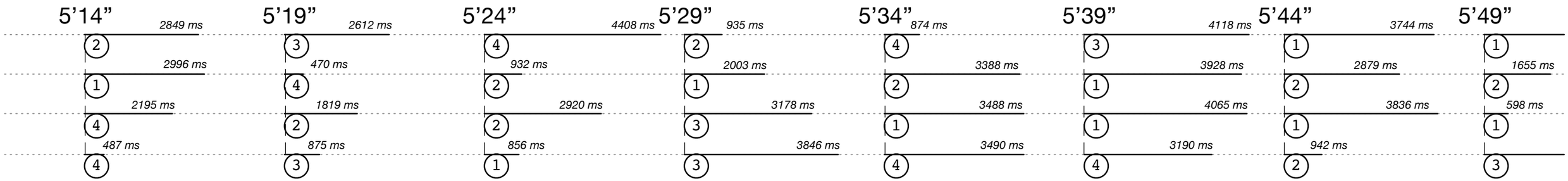
3

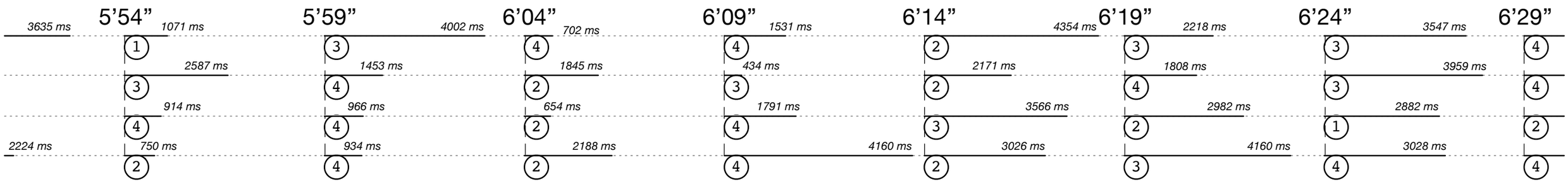
448 ms

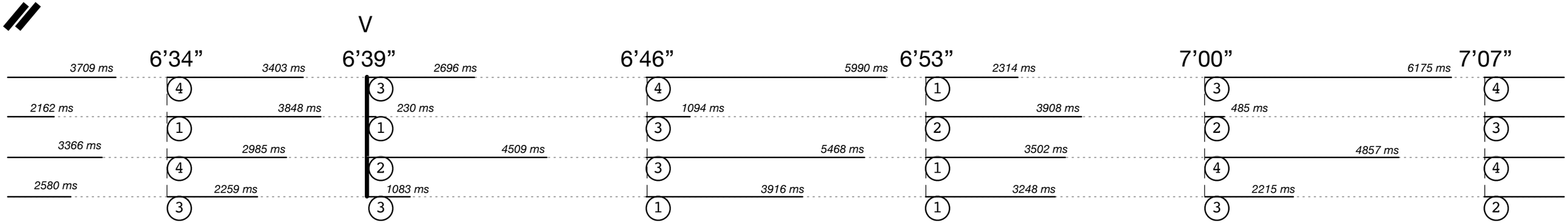
1

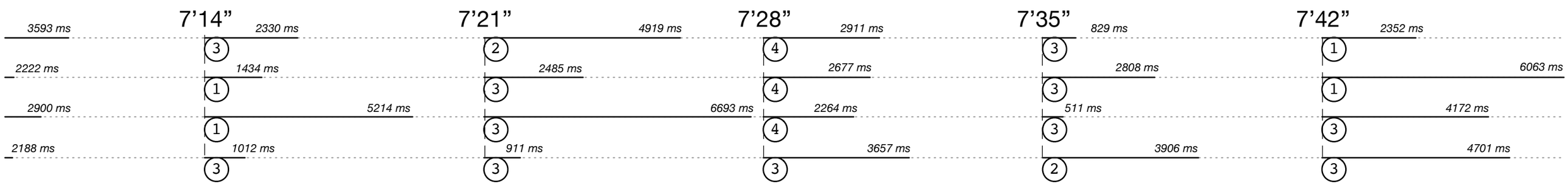
3011 ms

1

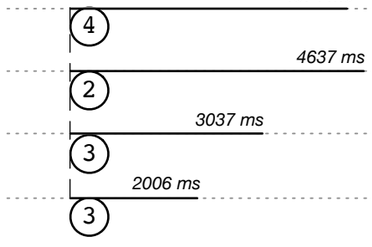

5’14”
2849 ms
2996 ms
2195 ms
487 ms
5’19”
2612 ms
470 ms
1819 ms
875 ms
5’24”
4408 ms
932 ms
2920 ms
856 ms
5’29”
935 ms
2003 ms
3178 ms
3846 ms
5’34”
874 ms
3388 ms
3488 ms
3490 ms
5’39”
4118 ms
3928 ms
4065 ms
3190 ms
5’44”
3744 ms
2879 ms
3836 ms
942 ms
5’49”
1655 ms
598 ms


3635 ms
5’54”
1071 ms
2587 ms
914 ms
2224 ms
750 ms
5’59”
4002 ms
1453 ms
966 ms
934 ms
6’04”
702 ms
1845 ms
654 ms
2188 ms
6’09”
1531 ms
434 ms
1791 ms
4160 ms
6’14”
4354 ms
2171 ms
3566 ms
3026 ms
6’19”
2218 ms
1808 ms
2982 ms
4160 ms
6’24”
3547 ms
3959 ms
2882 ms
3028 ms
6’29”

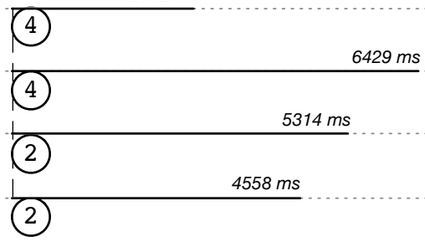

3709 ms
6’34”
3403 ms
2162 ms
3848 ms
3366 ms
2985 ms
2580 ms
2259 ms
6’39”
2696 ms
230 ms
4509 ms
1083 ms
6’46”
5990 ms
1094 ms
5468 ms
3916 ms
6’53”
2314 ms
3908 ms
3502 ms
3248 ms
7’00”
6175 ms
485 ms
4857 ms
2215 ms
7’07”


3593 ms
7’14”
2330 ms
2222 ms
1434 ms
2900 ms
5214 ms
2188 ms
1012 ms
7’21”
4919 ms
2485 ms
6693 ms
911 ms
7’28”
2911 ms
2677 ms
2264 ms
3657 ms
7’35”
829 ms
2808 ms
511 ms
3906 ms
7’42”
2352 ms
6063 ms
4172 ms
4701 ms

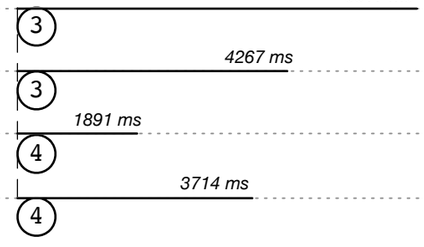
7’49”



7’56”



8’03



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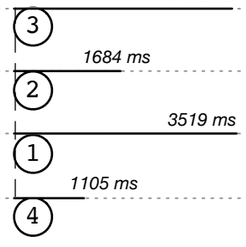

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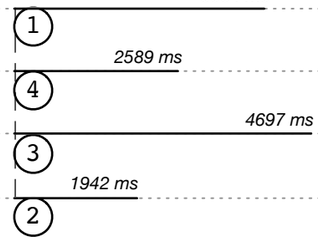

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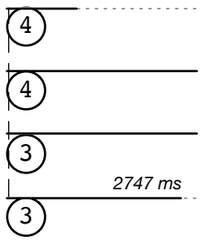

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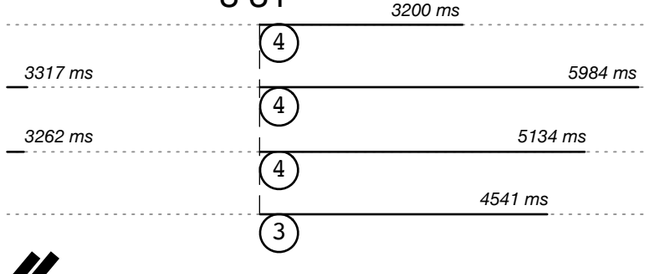

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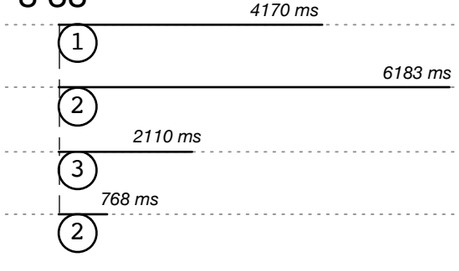

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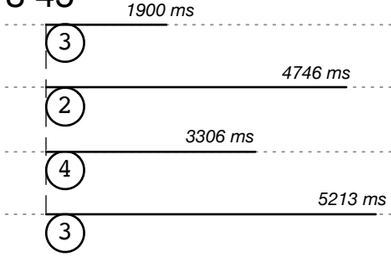

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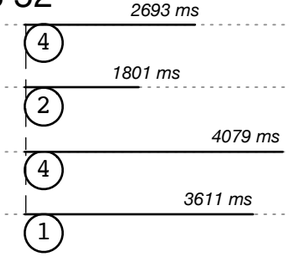

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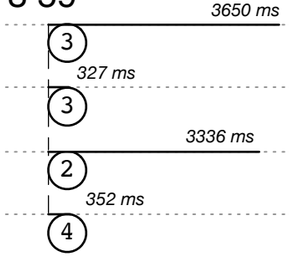
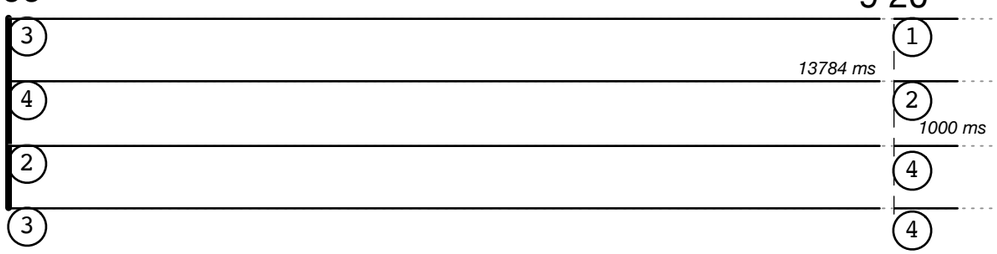


VI

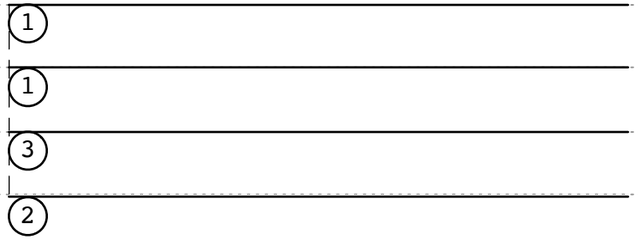
9’06”



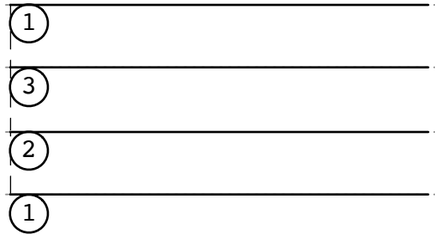
9’20”

9’34”

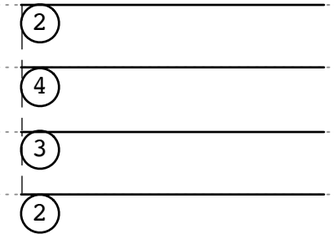
9’48”

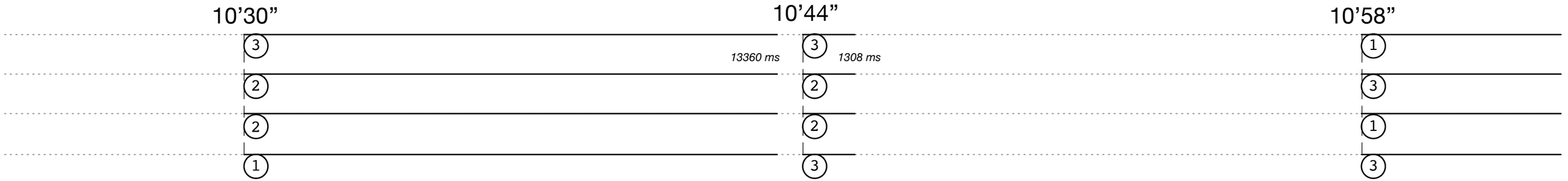


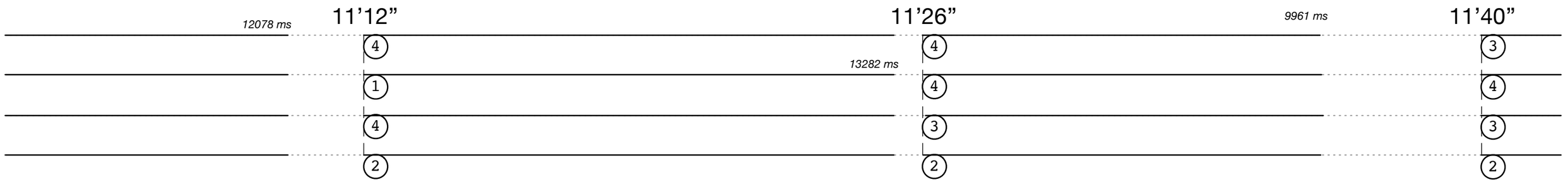
10’02”



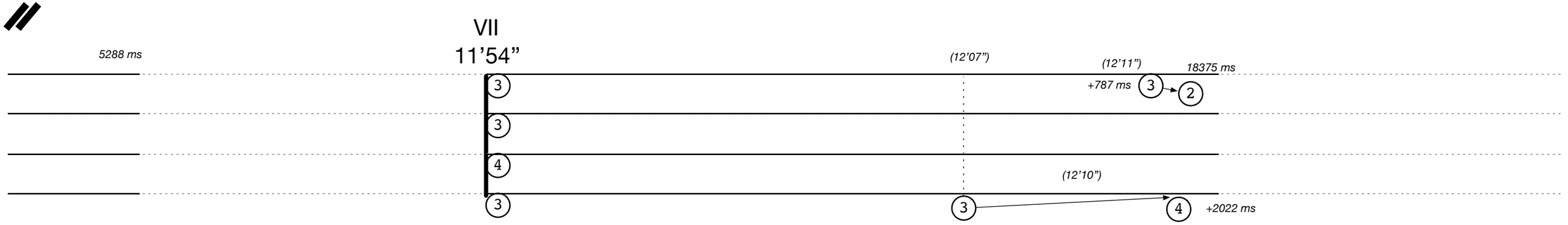
10’16”



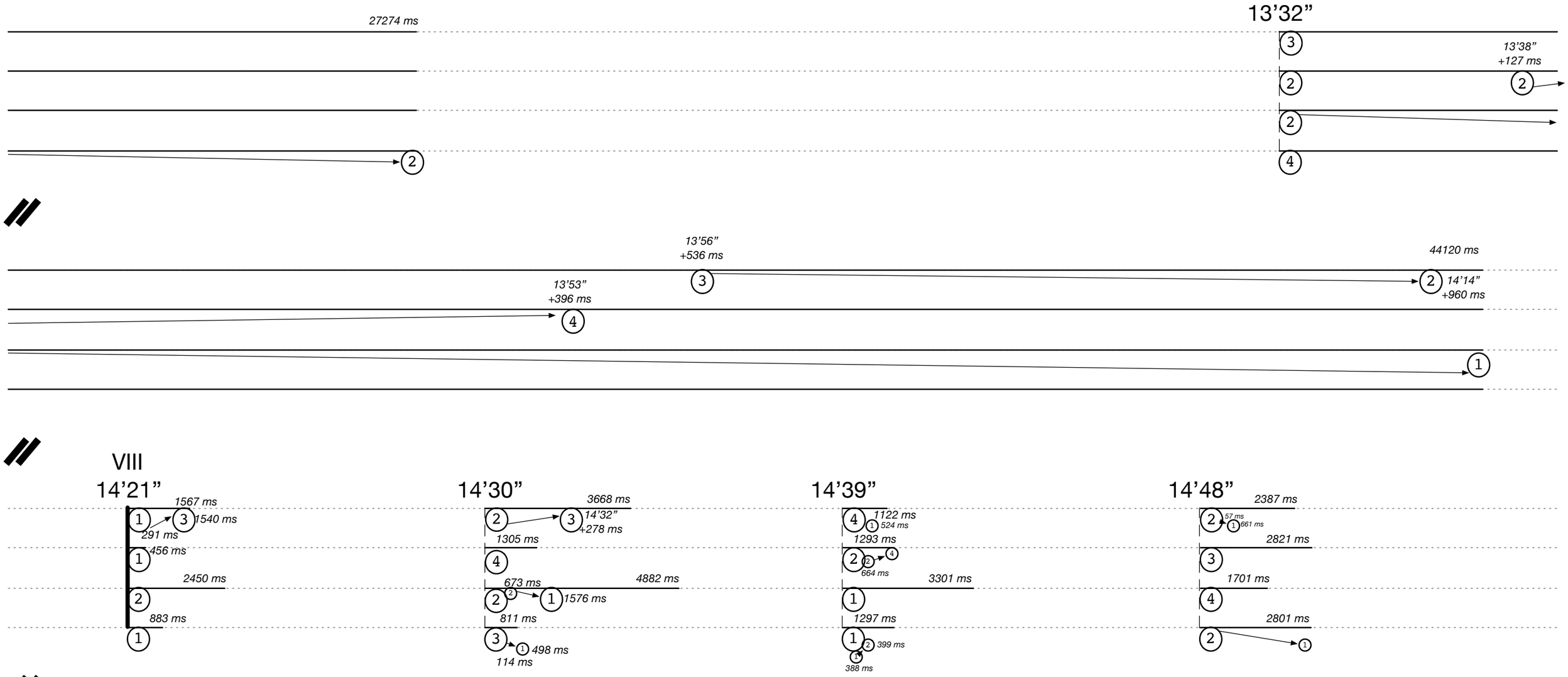

10’30”
10’44”
10’58”
13360 ms
1308 ms

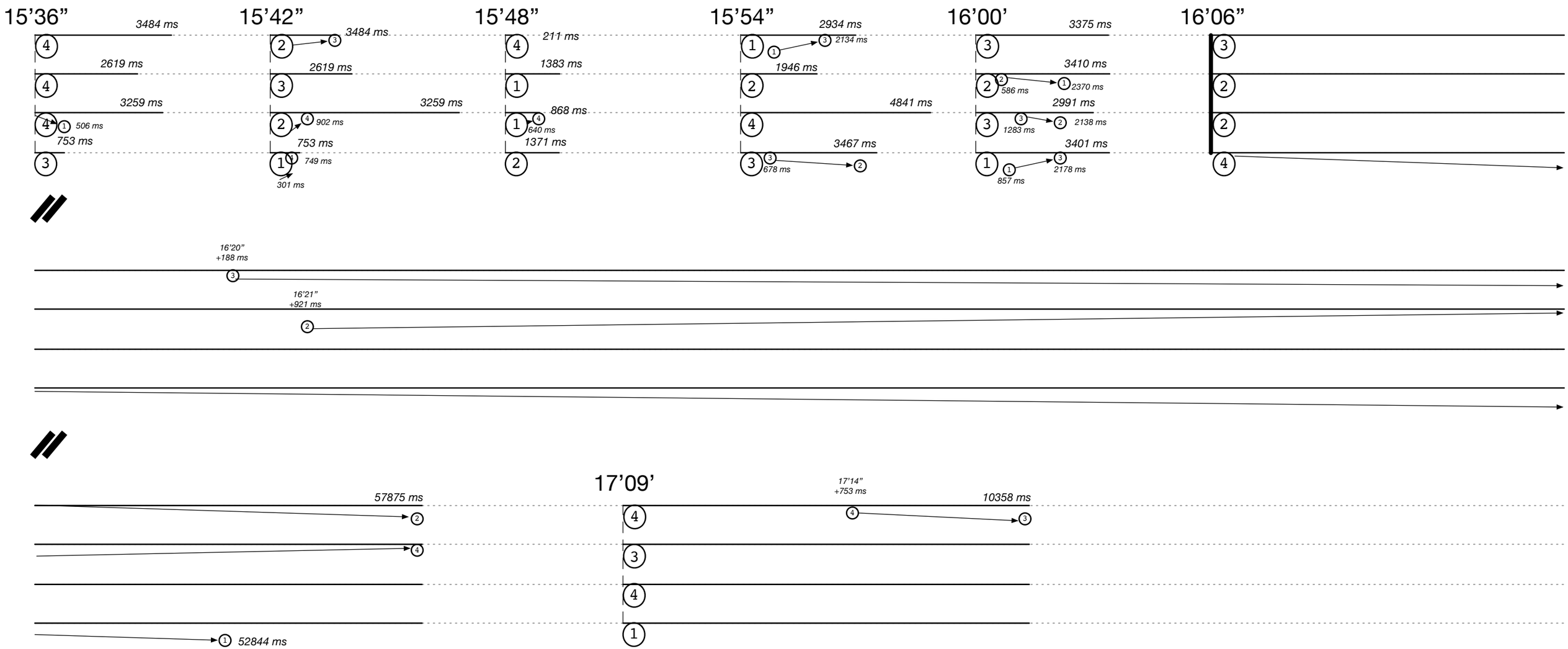

12078 ms
11’12”
11’26”
9961 ms
11’40”
13282 ms

VII

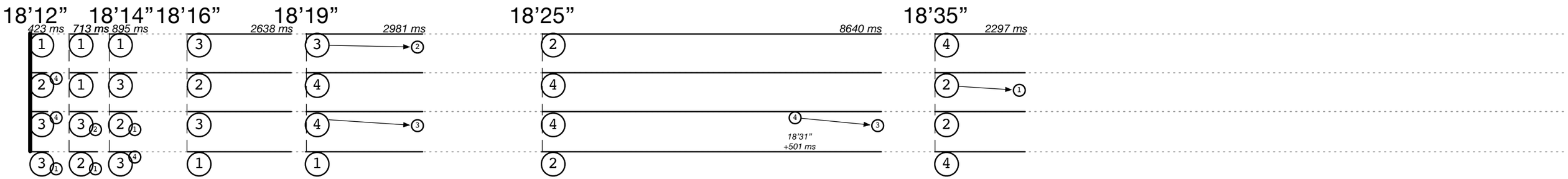

5288 ms
11’54”
(12’07”)
(12’11”)
18375 ms
+787 ms
(12’10”)
+2022 ms


12’43”

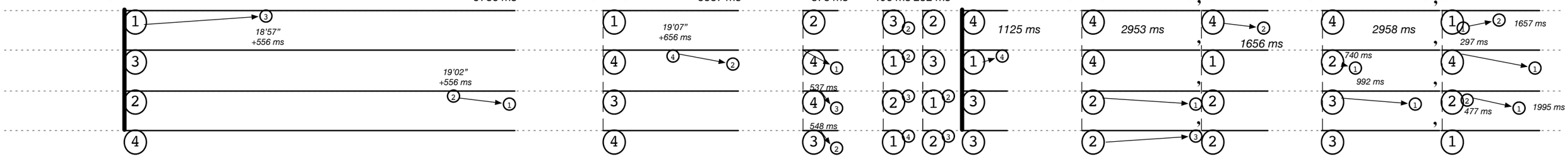

27274 ms
13’32”
13’38”
+127 ms
13’56”
+536 ms
44120 ms
13’53”
+396 ms
14’14”
+960 ms
VIII
14’21”
1567 ms
1540 ms
291 ms
456 ms
2450 ms
883 ms
14’30”
3668 ms
14’32”
+278 ms
1305 ms
673 ms
4882 ms
1576 ms
811 ms
498 ms
114 ms
14’39”
1122 ms
524 ms
1293 ms
664 ms
3301 ms
1297 ms
399 ms
388 ms
14’48”
2387 ms
57 ms
661 ms
2821 ms
1701 ms
2801 ms
IX
14’57”
453 ms
1585 ms
546 ms
1388 ms
1594 ms
15’06”
4528 ms
2324 ms
3860 ms
2786 ms
1698 ms
3941 ms
15’15”
939 ms
4846 ms
3471 ms
1594 ms
648 ms
15’24”
1959 ms
11 ms
4280 ms
4452 ms
15’30”
4916 ms
4405 ms
802 ms
2903 ms
4814 ms
2621 ms


15’36”
15’42”
15’48”
15’54”
16’00’
16’06”
3484 ms
2619 ms
3259 ms
506 ms
753 ms
902 ms
640 ms
211 ms
1383 ms
868 ms
1371 ms
2934 ms
2134 ms
1946 ms
4841 ms
3467 ms
678 ms
3375 ms
3410 ms
586 ms
2370 ms
2991 ms
1283 ms
2138 ms
3401 ms
857 ms
2178 ms
16’20”
+188 ms
16’21”
+921 ms
17’09’
57875 ms
52844 ms
17’14”
+753 ms
10358 ms

XI

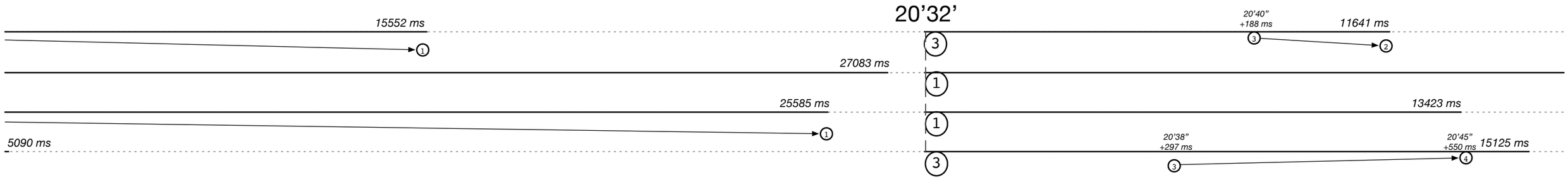


XII



XIII

XIV



XV

21’00”

10993 ms

18136 ms

21’05”
+704 ms

21’07”
+568 ms

21’17”

10000ms

21’24”
+940 ms

21’34”