



Lav	Cef
07:17	05:44
Km	Not
480	Si

Lav	Cef
06:03	02:44
Km	Not
238	No

Rip	
00:00	

Lav	Cef
05:53	05:18
Km	Not
442	Si

Lav	Cef
06:46	03:10
Km	Not
319	No

Rip	
00:00	

Lav	Cef
05:53	05:18
Km	Not
442	Si

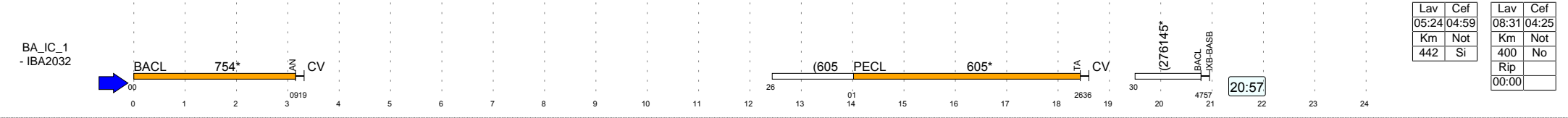
Lav	Cef
06:46	03:10
Km	Not
319	No

Rip	
00:00	

Lav	Cef
05:24	04:59
Km	Not
442	Si

Lav	Cef
08:31	04:25
Km	Not
400	No

Rip	
00:00	

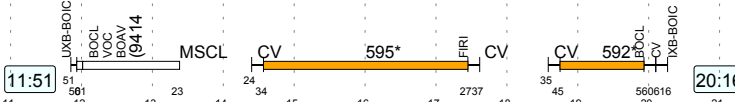


Lav	Cef	Lav	Cef
05:24	04:59	08:31	04:25
Km	Not	Km	Not
442	Si	400	No
Rip			
00:00			

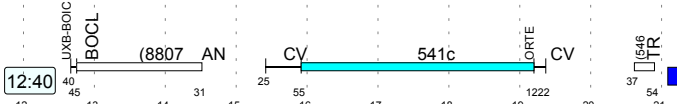




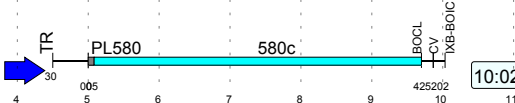


**GIORNO D'ESERCIZIO ED IMPIANTO:** 2021-12-21 Bologna IC - Bordo(BO-IC-XB)

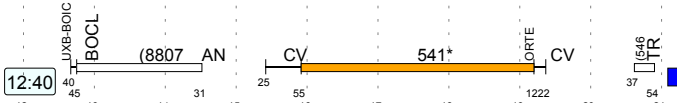
Lav	Cef
08:25	04:0
Km	Not
339	No



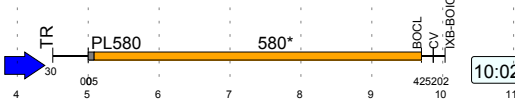
Lav	Cef
08:14	03:1
Km	Not
210	No



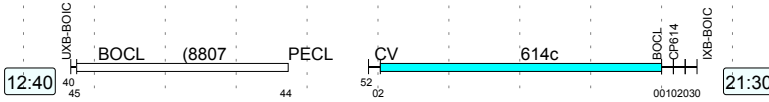
Lav	Cef
05:32	04:3
Km	Not
334	Si



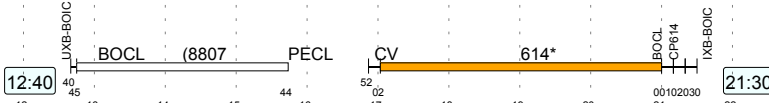
Lav	Cef
08:14	03:1
Km	Not
210	No



Lav	Cef
05:32	04:3
Km	Not
334	Si



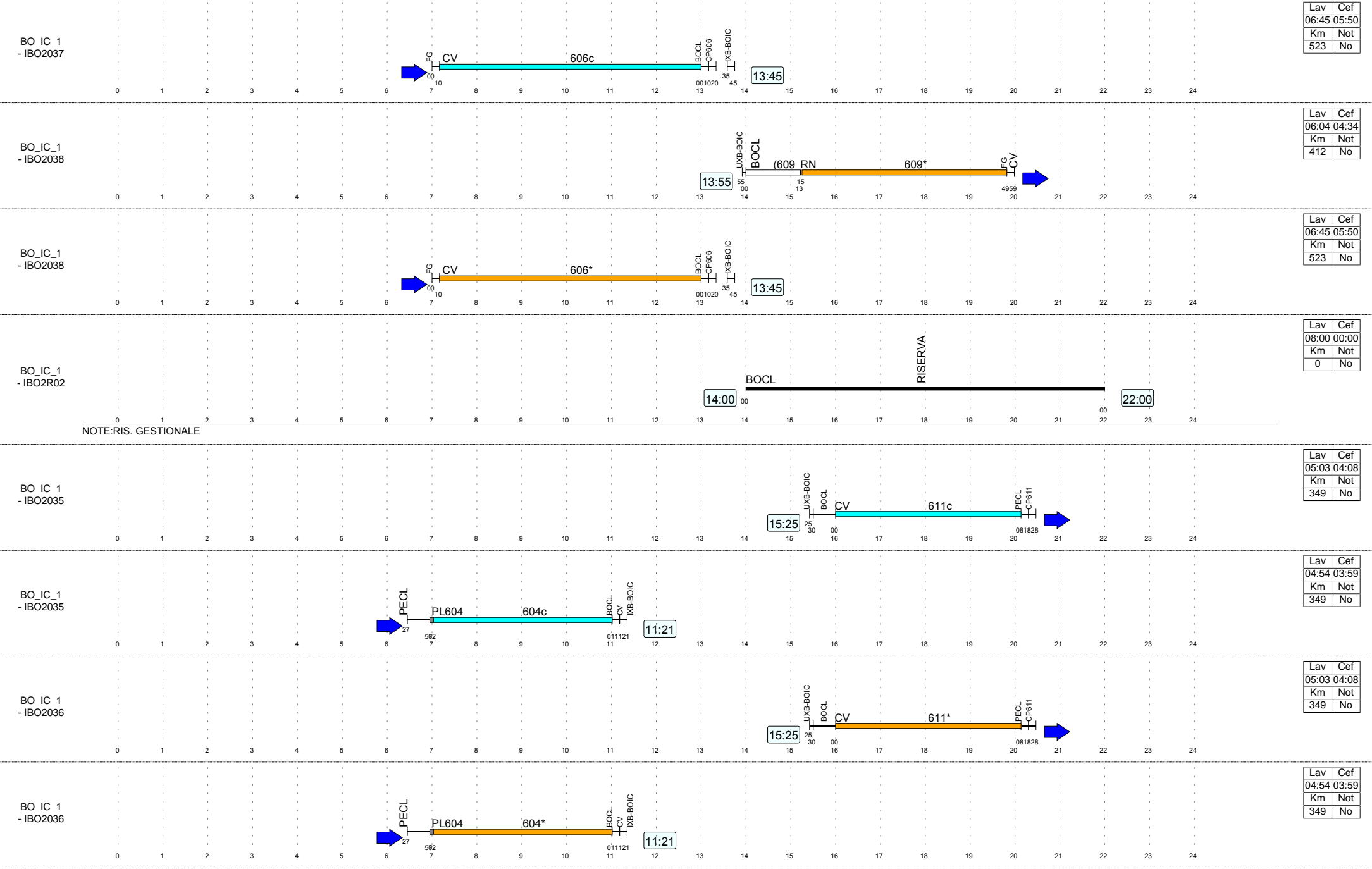
Lav	Cef
08:50	03:5
Km	Not
349	No



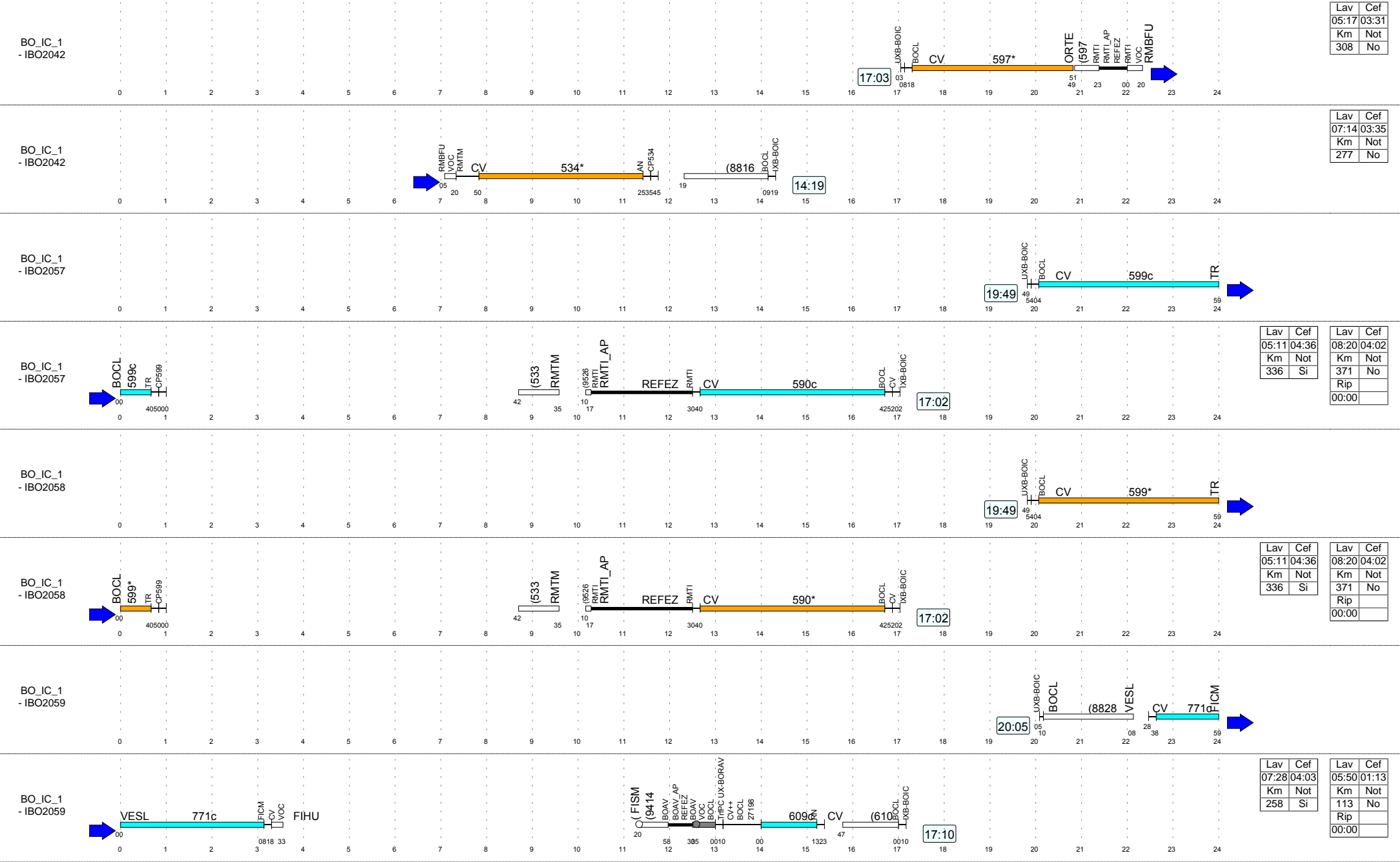
Lav	Cef
08:50	03:5
Km	Not
349	No

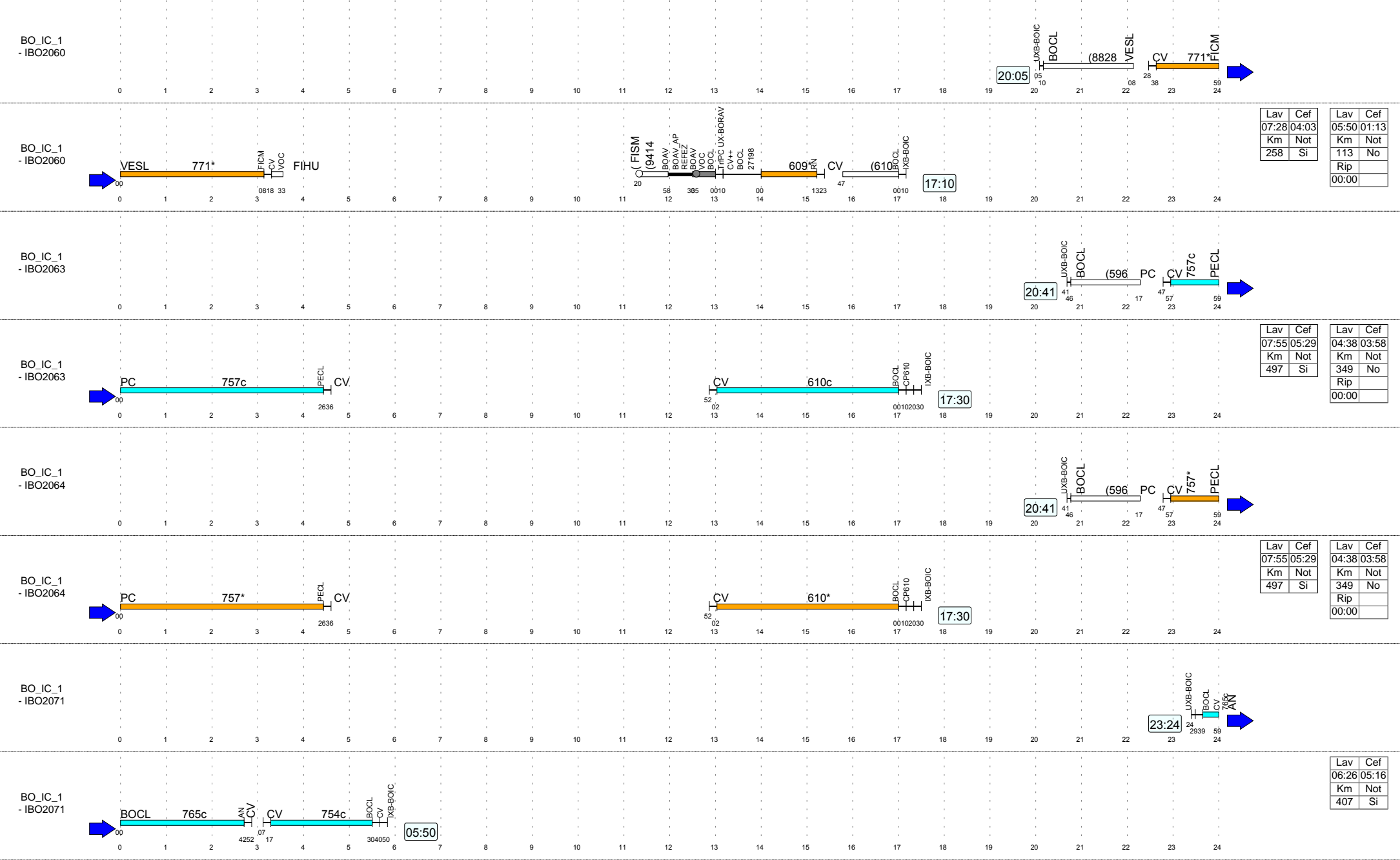


Lav	Cef
06:04	04:3
Km	Not
412	No



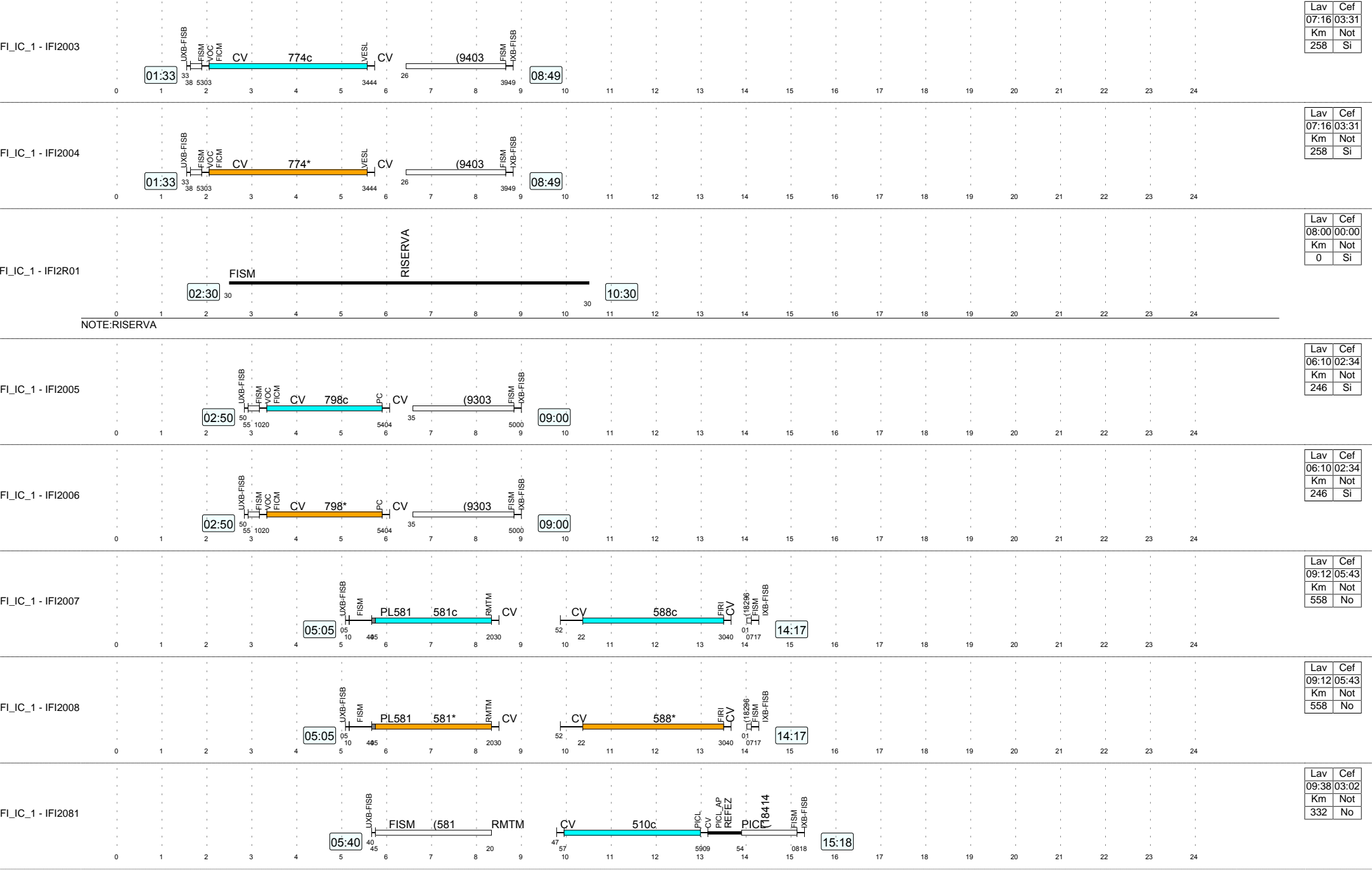






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Genomic tracks for five samples (FI\_IC\_1 - IFI2082, FI\_IC\_1 - IFI2009, FI\_IC\_1 - IFI2010, FI\_IC\_1 - IFI2011, FI\_IC\_1 - IFI2012) showing genomic features, coverage, and variant calls. Each track includes a scale from 0 to 24, a gene model with exons and introns, and a table of variant calls (Lav, Cef, Km, Not, 332, No).

**FI\_IC\_1 - IFI2082**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

05:40 15:18

**FI\_IC\_1 - IFI2009**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

06:21 14:21

**FI\_IC\_1 - IFI2010**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

06:21 14:21

**FI\_IC\_1 - IFI2011**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

07:15

**FI\_IC\_1 - IFI2011**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

06:38

**FI\_IC\_1 - IFI2012**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

07:15

**FI\_IC\_1 - IFI2012**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

06:38

**FI\_IC\_1 - IFI2015**

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

12:23 20:14

FI\_IC\_1 - IFI2016

FI\_IC\_1 - IFI2013

FI\_IC\_1 - IFI2013

FI\_IC\_1 - IFI2014

FI\_IC\_1 - IFI2014

FI\_IC\_1 - IFI2R02

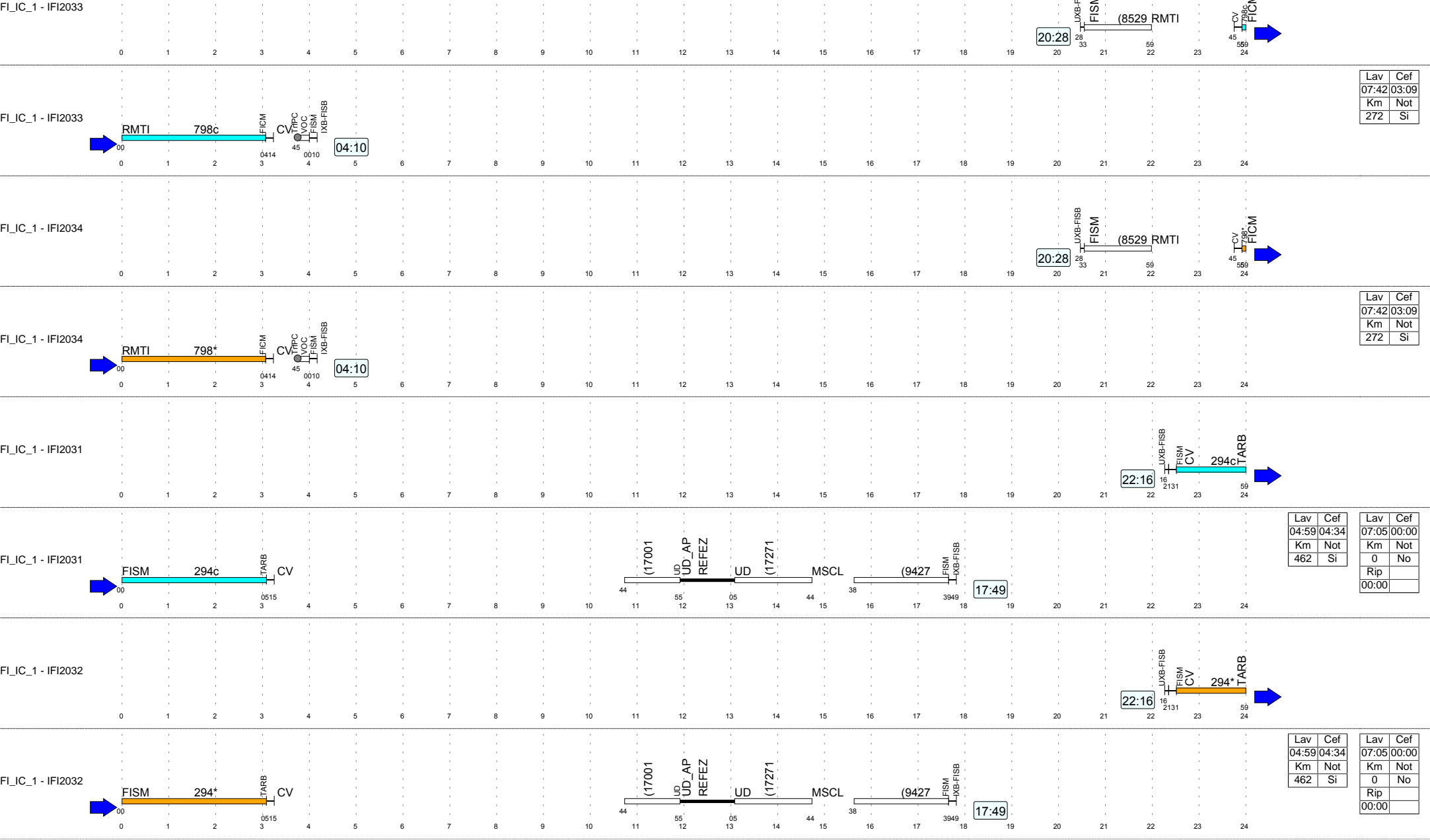
FI\_IC\_1 - IFI2017

FI\_IC\_1 - IFI2018

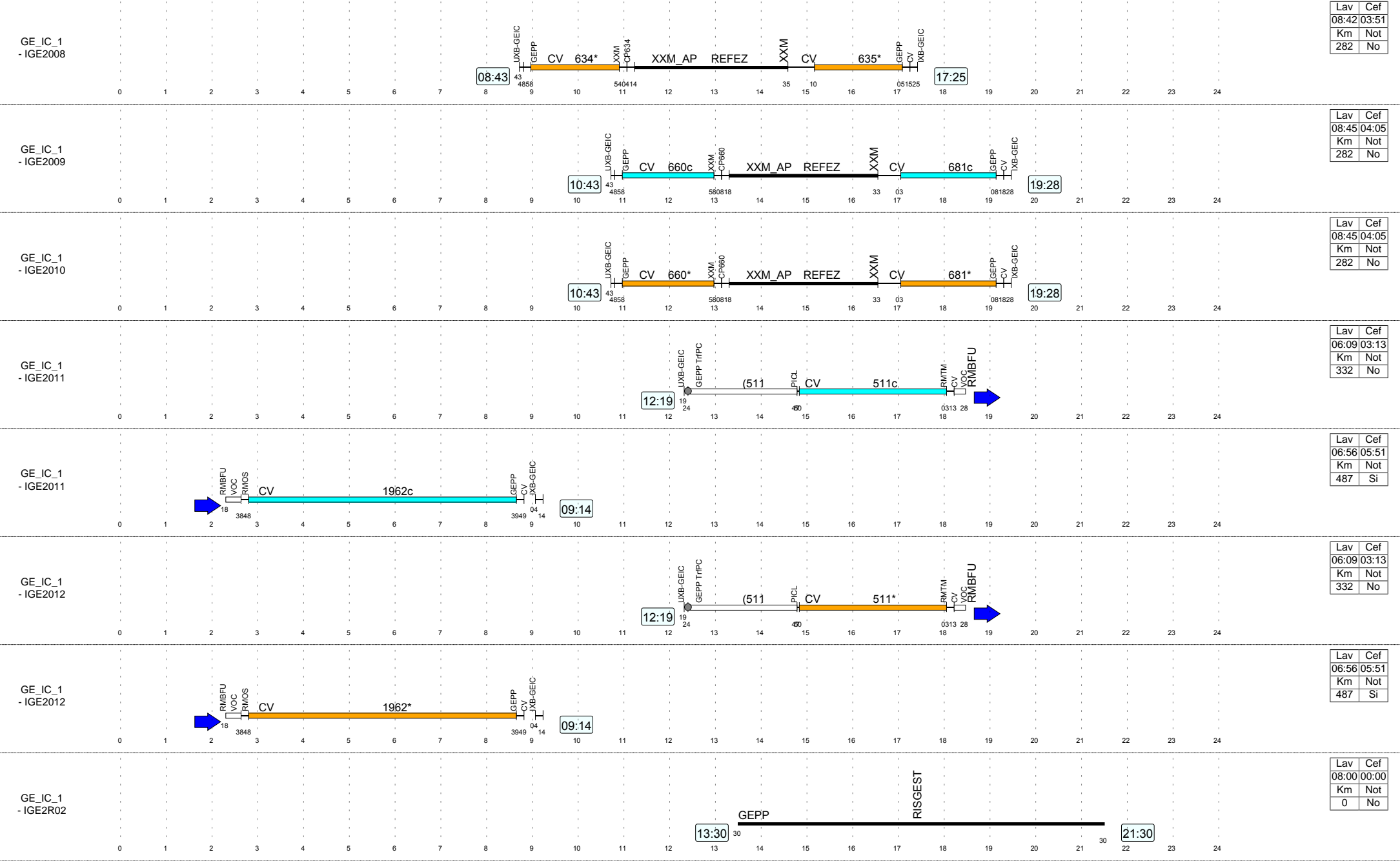
Figure 1 displays the results of the 1000 Genomes Project (2015) for the 1000 Genomes Project (2015) across 24 chromosomes (0-24). The figure is organized into 10 rows, each representing a different chromosome (FI\_IC\_1 - IFI2019 to FI\_IC\_1 - IFI2028). Each row shows a genomic map with various markers and tracks. The top track of each row displays the chromosome number (0-24) and the corresponding genomic position (0-24). The subsequent tracks show the results of the 1000 Genomes Project (2015) for the 1000 Genomes Project (2015) across 24 chromosomes (0-24). The tracks are color-coded: blue for the 1000 Genomes Project (2015) results, red for the 1000 Genomes Project (2015) results, and green for the 1000 Genomes Project (2015) results. The tracks are labeled with the chromosome number (0-24) and the corresponding genomic position (0-24). The tracks are color-coded: blue for the 1000 Genomes Project (2015) results, red for the 1000 Genomes Project (2015) results, and green for the 1000 Genomes Project (2015) results. The tracks are labeled with the chromosome number (0-24) and the corresponding genomic position (0-24).

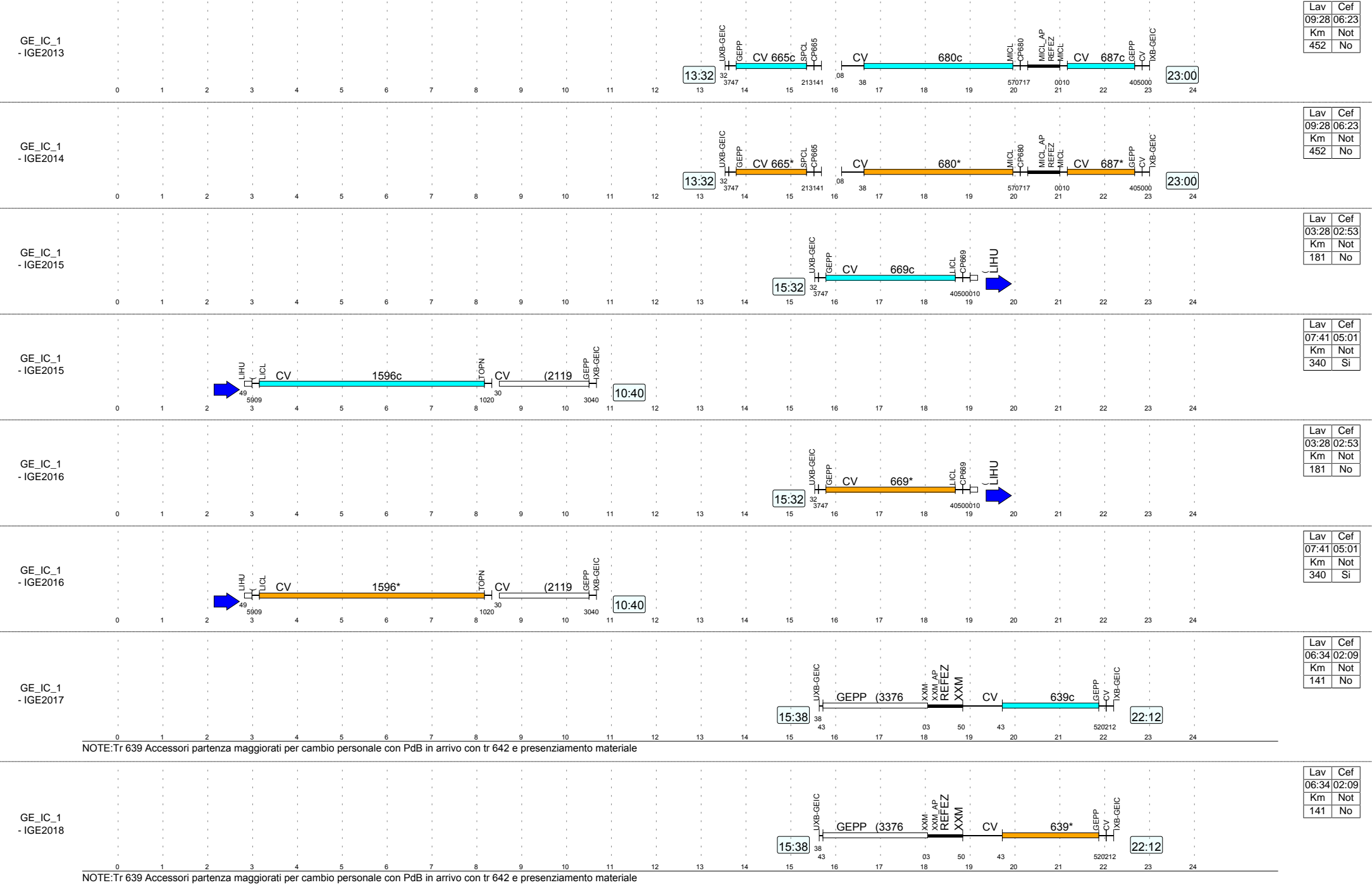
Figure 1 displays the results of the 1000 Genomes Project (2015) for the 1000 Genomes Project (2015) across 24 chromosomes (0-24). The figure is organized into 10 rows, each representing a different chromosome (FI\_IC\_1 - IFI2019 to FI\_IC\_1 - IFI2028). Each row shows a genomic map with various markers and tracks. The top track of each row displays the chromosome number (0-24) and the corresponding genomic position (0-24). The subsequent tracks show the results of the 1000 Genomes Project (2015) for the 1000 Genomes Project (2015) across 24 chromosomes (0-24). The tracks are color-coded: blue for the 1000 Genomes Project (2015) results, red for the 1000 Genomes Project (2015) results, and green for the 1000 Genomes Project (2015) results. The tracks are labeled with the chromosome number (0-24) and the corresponding genomic position (0-24). The tracks are color-coded: blue for the 1000 Genomes Project (2015) results, red for the 1000 Genomes Project (2015) results, and green for the 1000 Genomes Project (2015) results. The tracks are labeled with the chromosome number (0-24) and the corresponding genomic position (0-24).

Figure 1 displays the results of the 1000 Genomes Project (2015) for the 1000 Genomes Project (2015) across 24 chromosomes (0-24). The figure is organized into 10 rows, each representing a different chromosome (FI\_IC\_1 - IFI2019 to FI\_IC\_1 - IFI2028). Each row shows a genomic map with various markers and tracks. The top track of each row displays the chromosome number (0-24) and the corresponding genomic position (0-24). The subsequent tracks show the results of the 1000 Genomes Project (2015) for the 1000 Genomes Project (2015) across 24 chromosomes (0-24). The tracks are color-coded: blue for the 1000 Genomes Project (2015) results, red for the 1000 Genomes Project (2015) results, and green for the 1000 Genomes Project (2015) results. The tracks are labeled with the chromosome number (0-24) and the corresponding genomic position (0-24). The tracks are color-coded: blue for the 1000 Genomes Project (2015) results, red for the 1000 Genomes Project (2015) results, and green for the 1000 Genomes Project (2015) results. The tracks are labeled with the chromosome number (0-24) and the corresponding genomic position (0-24).





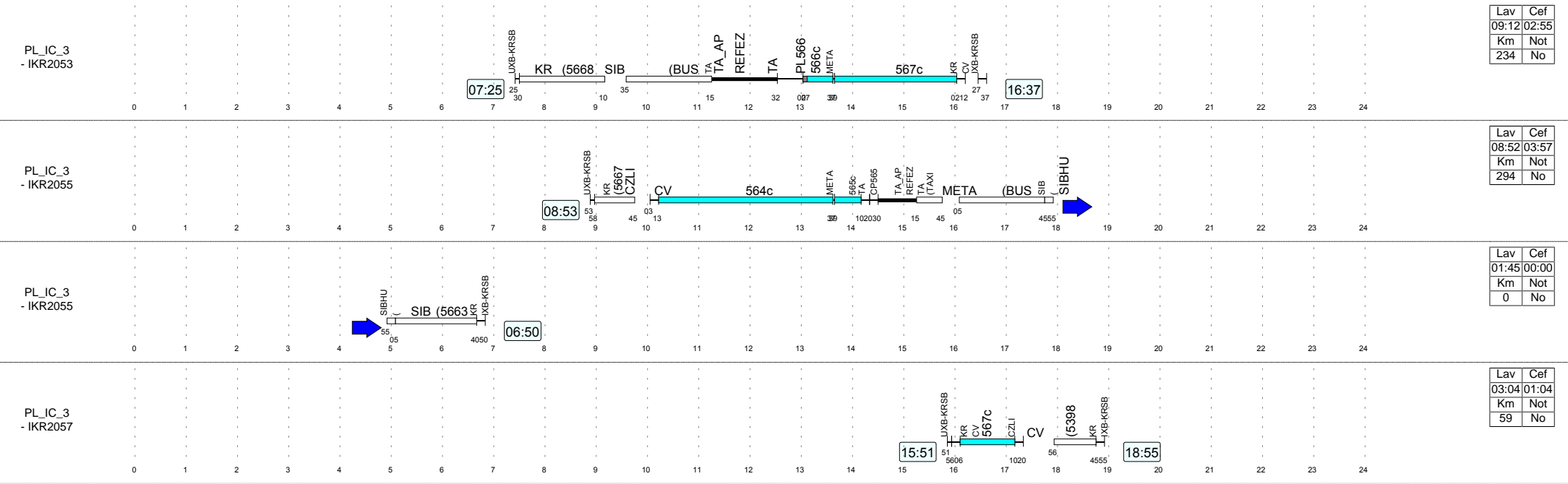


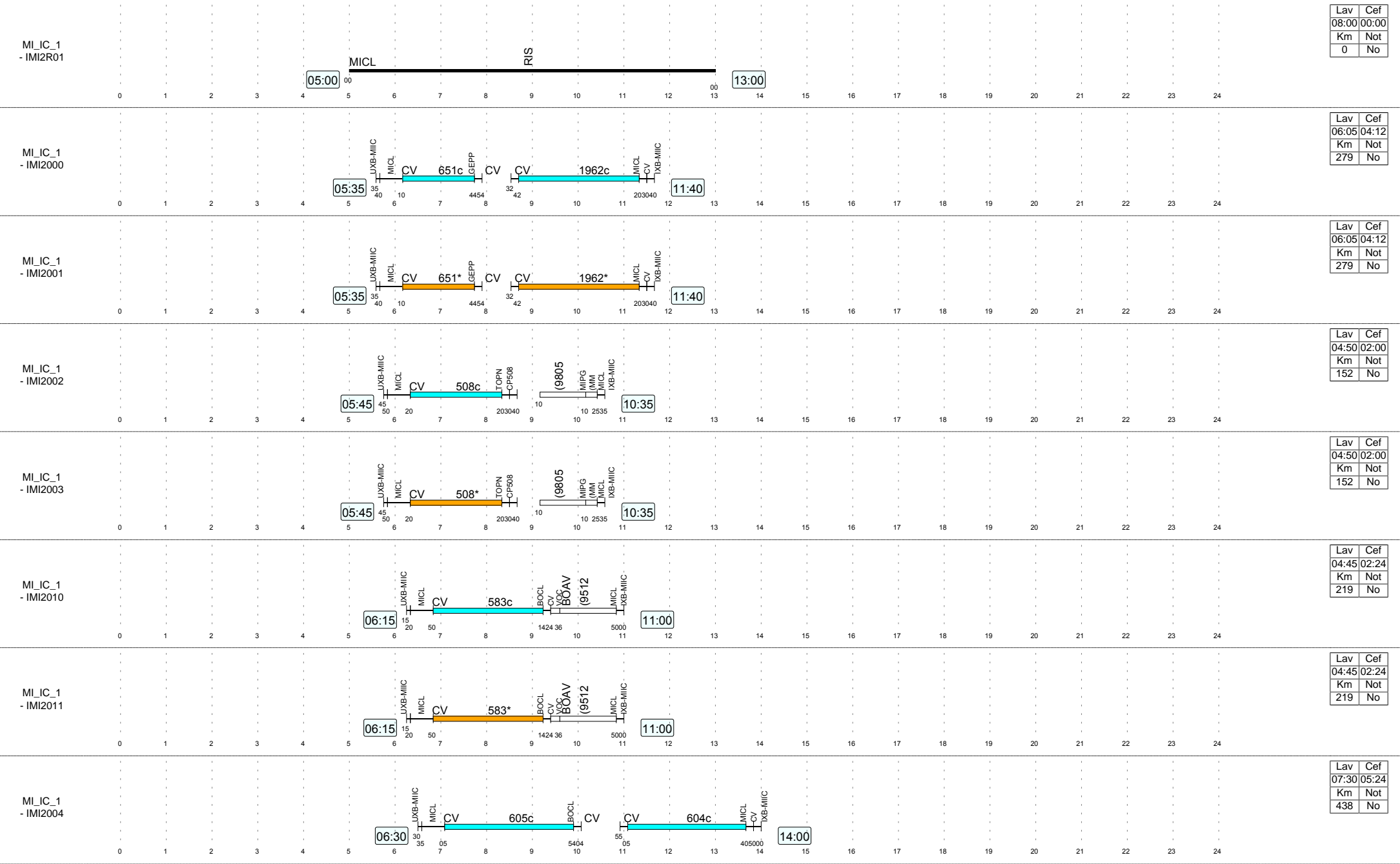




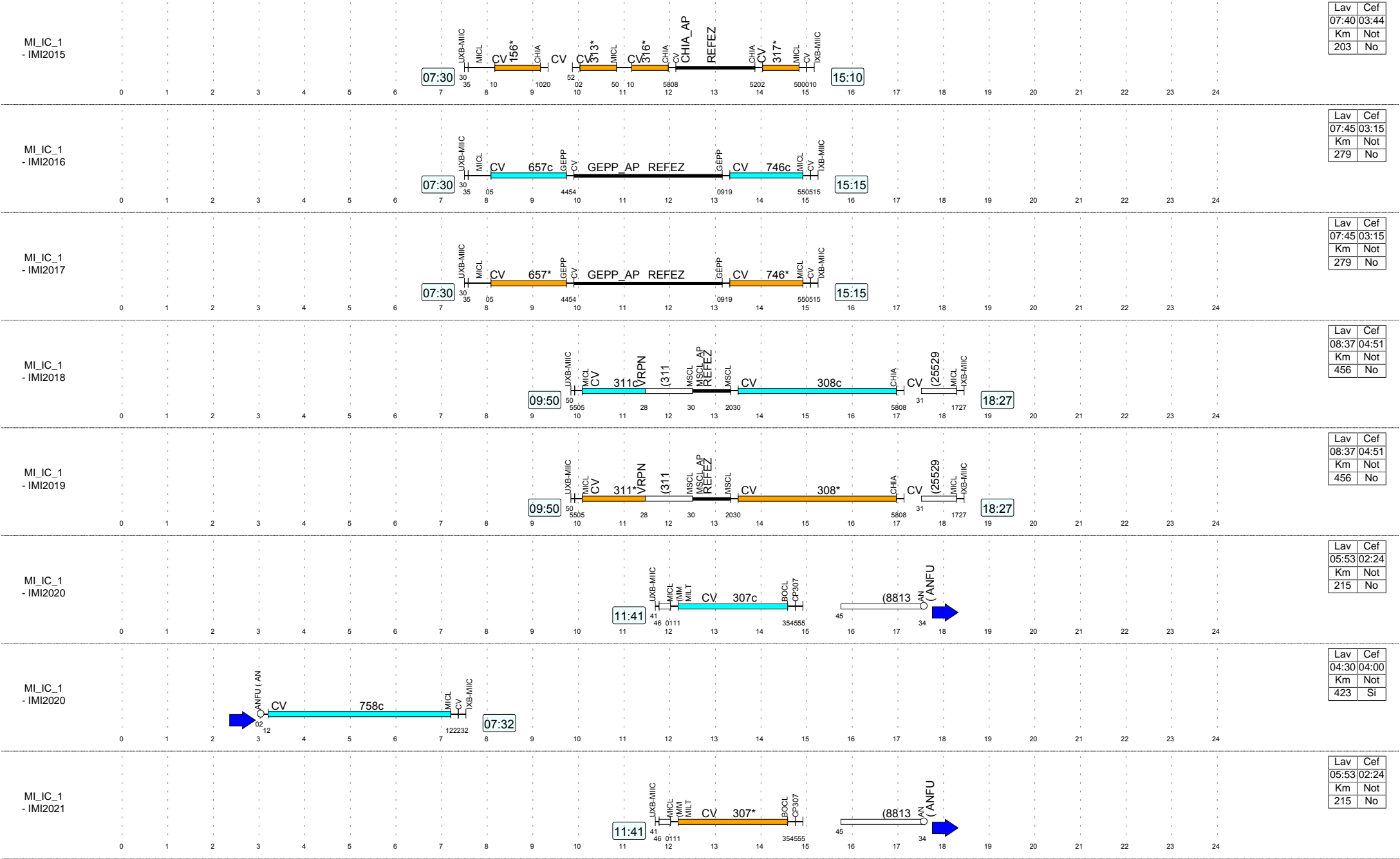














**GIORNO D'ESERCIZIO ED IMPIANTO:** 2021-12-21 Milano IC - Bordo(MI-IC-XB)

Lav	Cef
07:29	05:35
Km	Not
373	No



Lav	Cef
07:29	05:35
Km	Not
373	No



Lav	Cef
07:47	05:01
Km	Not
438	No



Lav	Cef
07:47	05:01
Km	Not
438	No



Lav	Cef
04:53	04:08
Km	Not
330	No



Lav	Cef
03:36	03:06
Km	Not
330	Si

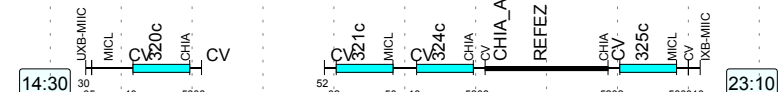


Lav	Cef
04:53	04:08
Km	Not
330	No

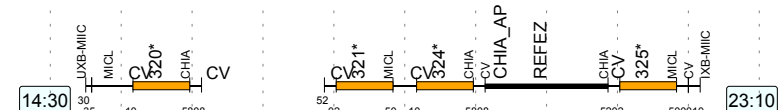


Lav	Cef
03:36	03:06
Km	Not
330	Si

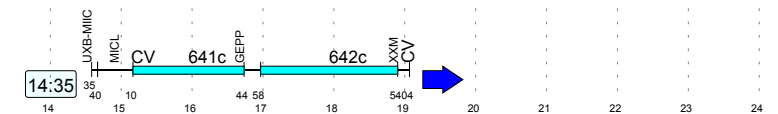
**GIORNO D'ESERCIZIO ED IMPIANTO:** 2021-12-21 Milano IC - Bordo(MI-IC-XB)



Lav	Cef
08:40	03:32
Km	Not
203	No



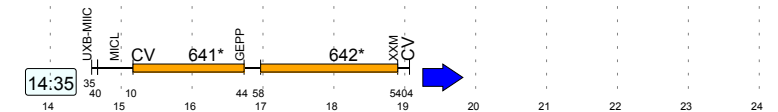
Lav	Cef
08:40	03:32
Km	Not
203	No



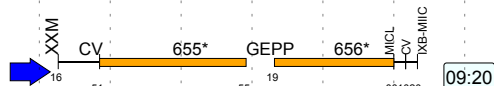
Lav	Cef
04:29	03:44
Km	Not
281	No



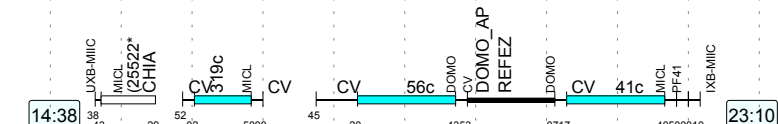
Lav	Cef
05:04	04:09
Km	Not
281	Si



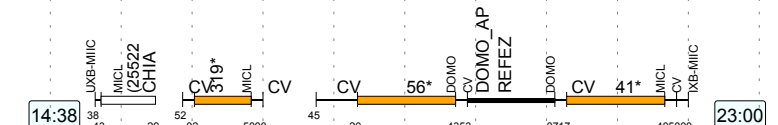
Lav	Cef
04:29	03:44
Km	Not
281	No



Lav	Cef
05:04	04:09
Km	Not
281	Si

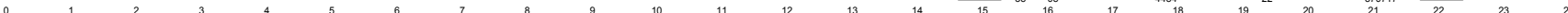


Lav	Cef
08:32	03:34
Km	Not
298	No



Lav	Cef
08:22	03:34
Km	Not
298	No



**GIORNO D'ESERCIZIO ED IMPIANTO:** 2021-12-21 Milano IC - Bordo(MI-IC-XB)

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Lav	Cef
07:23	04:18
Km	Not
369	Si

Lav	Cef
02:59	02:29
Km	Not
218	No
Rip	
00:00	

Lav	Cef
07:23	04:18
Km	Not
369	Si

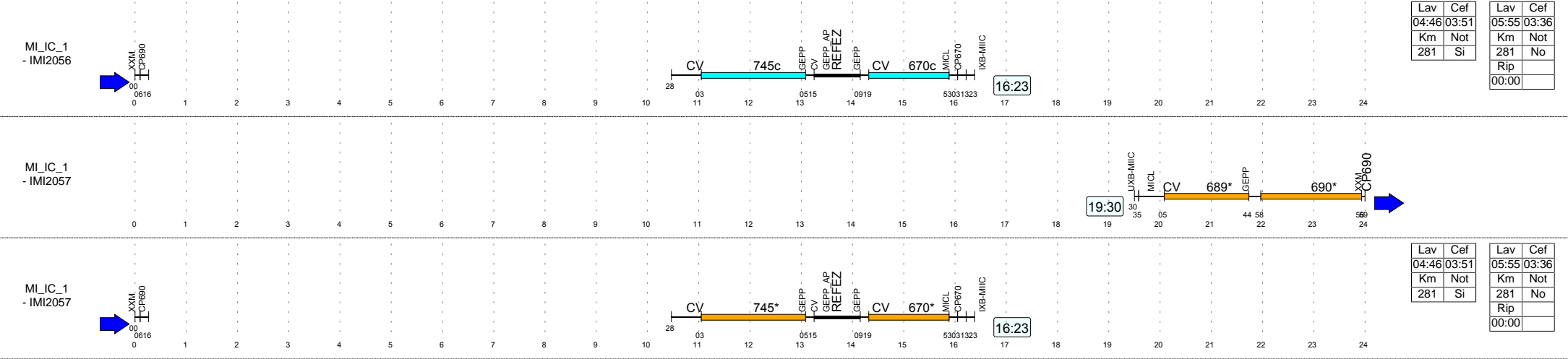
Lav	Cef
02:59	02:29
Km	Not
218	No
Rip	
00:00	

Lav	Cef
06:08	03:14
Km	Not
226	Si

Lav	Cef
04:13	03:18
Km	Not
226	No
Rip	
00:00	

Lav	Cef
06:08	03:14
Km	Not
226	Si

Lav	Cef
04:13	03:18
Km	Not
226	No
Rip	
00:00	





Lav	Cef
07:35	05:22
Km	Not
542	Si

Lav	Cef
07:35	05:22
Km	Not
542	Si

Lav	Cef
06:10	02:37
Km	Not
215	No

Lav	Cef
06:10	02:37
Km	Not
215	No

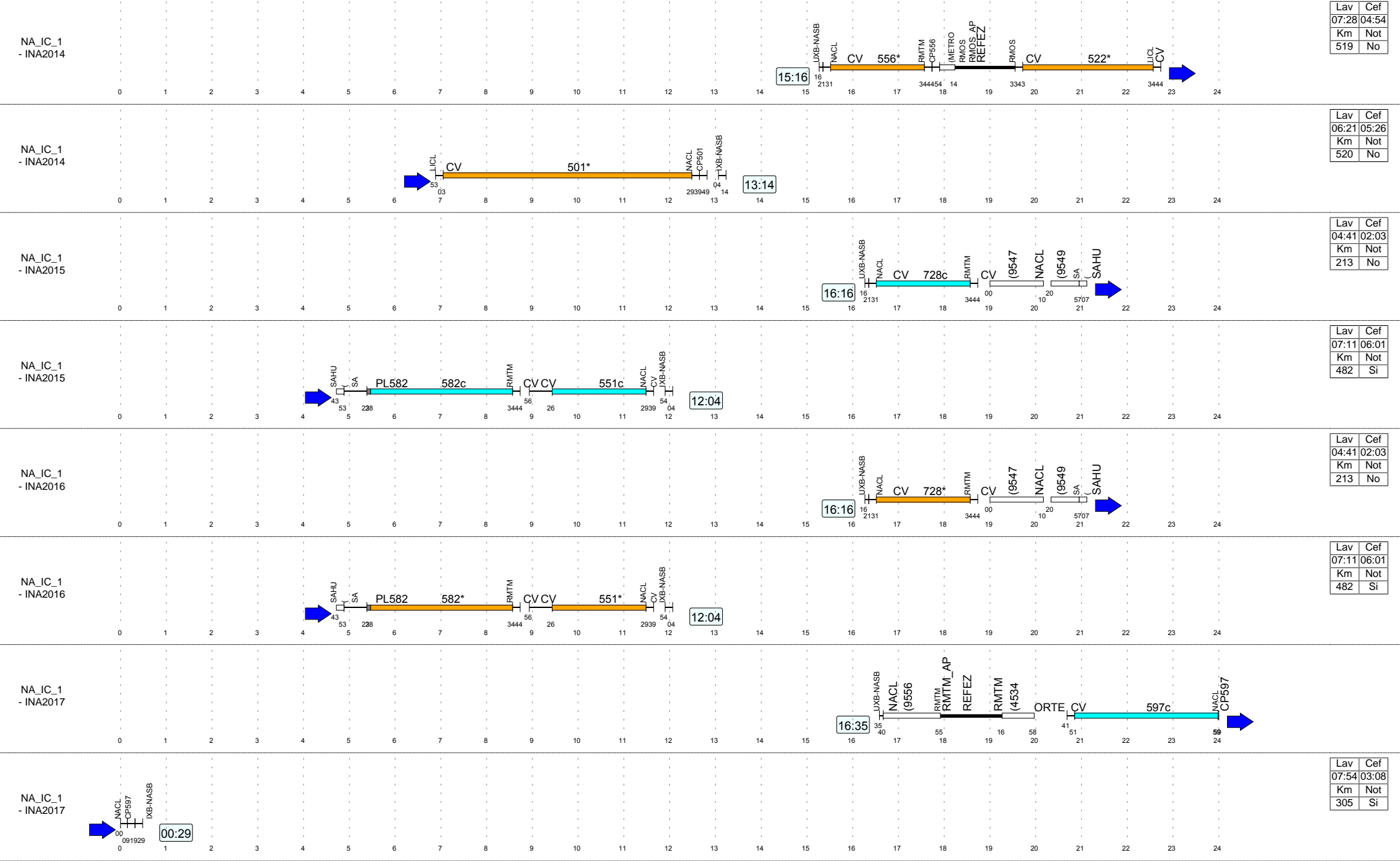
Lav	Cef
06:23	04:13
Km	Not
427	No

Lav	Cef
06:23	04:13
Km	Not
427	No

Lav	Cef
08:00	00:00
Km	Not
0	No

Lav	Cef
09:57	07:10
Km	Not
534	No







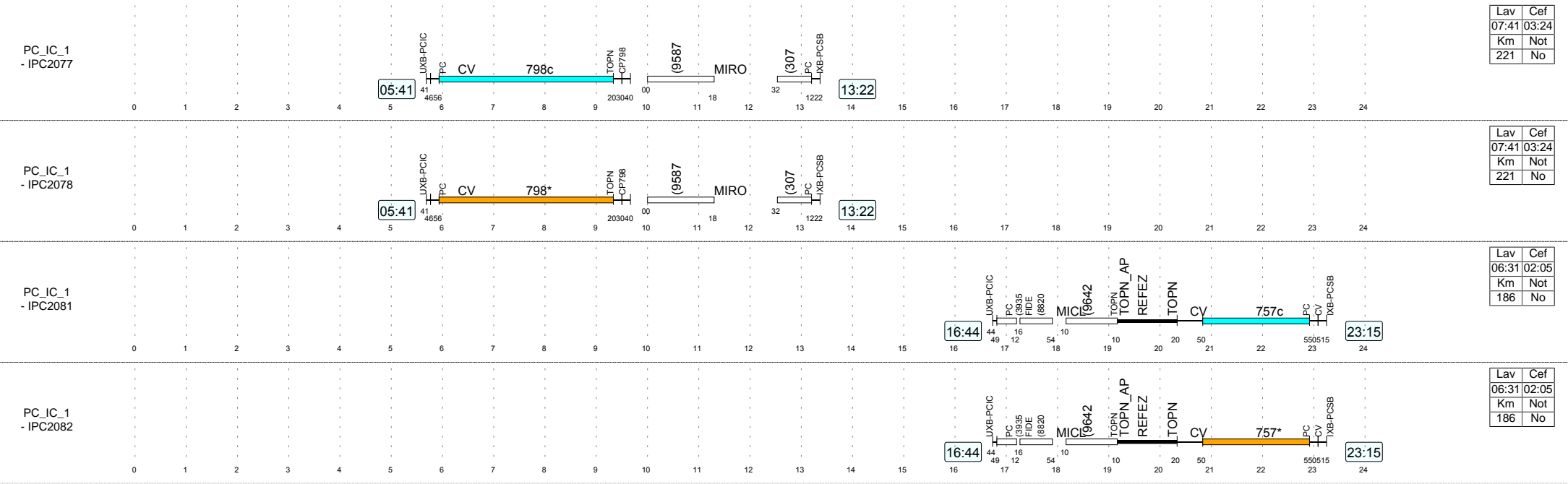


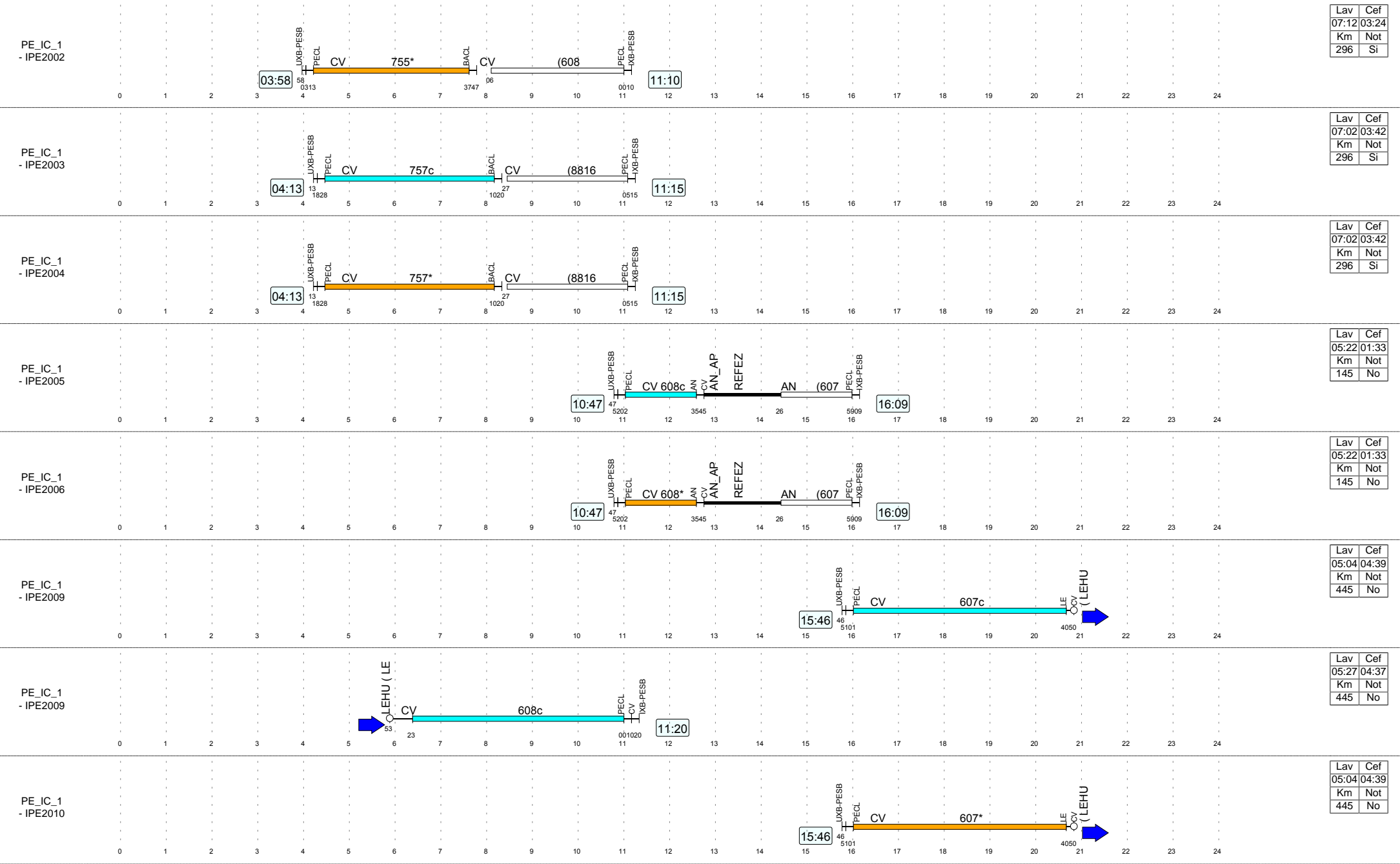
## Pag. 5

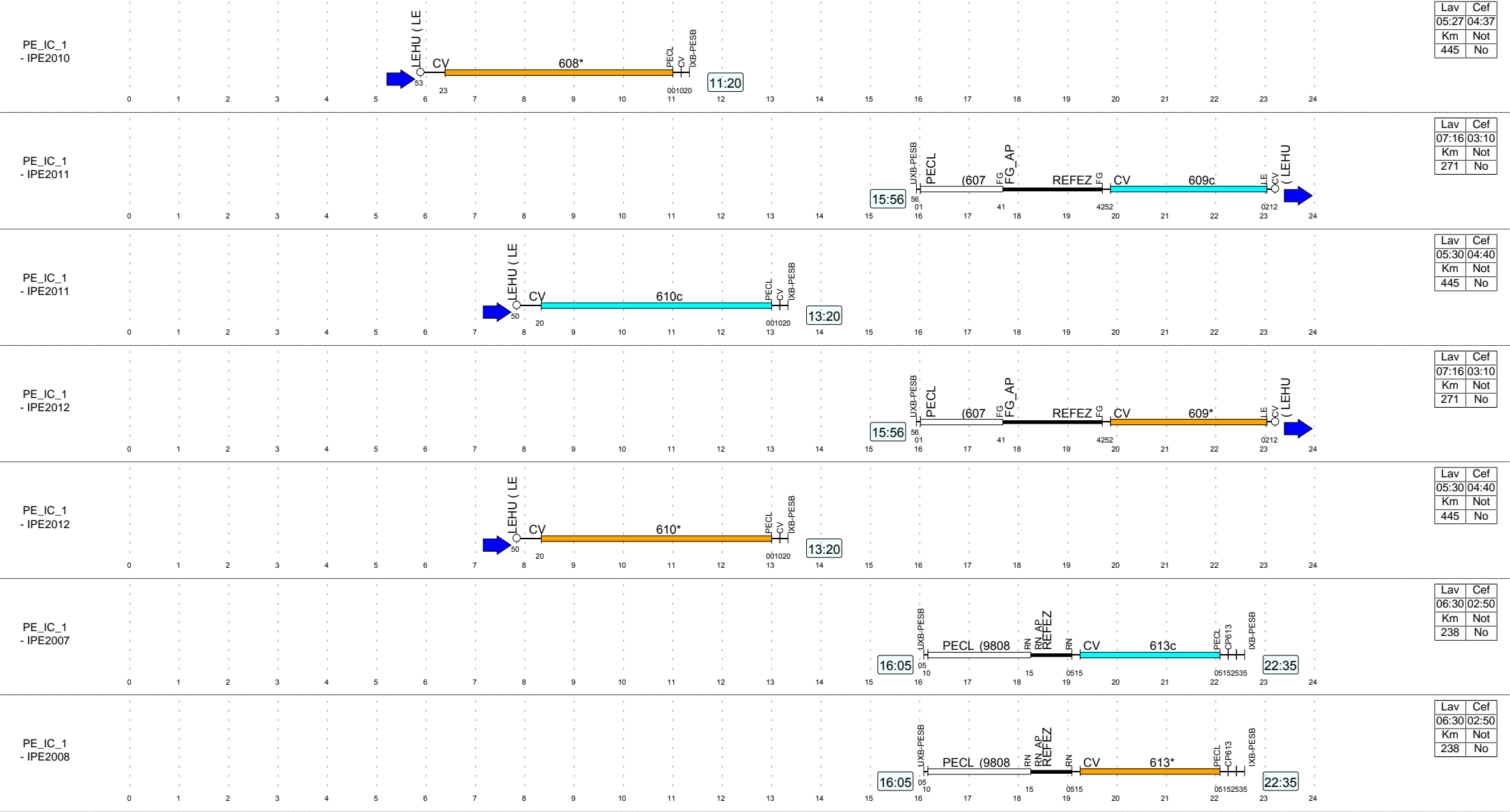


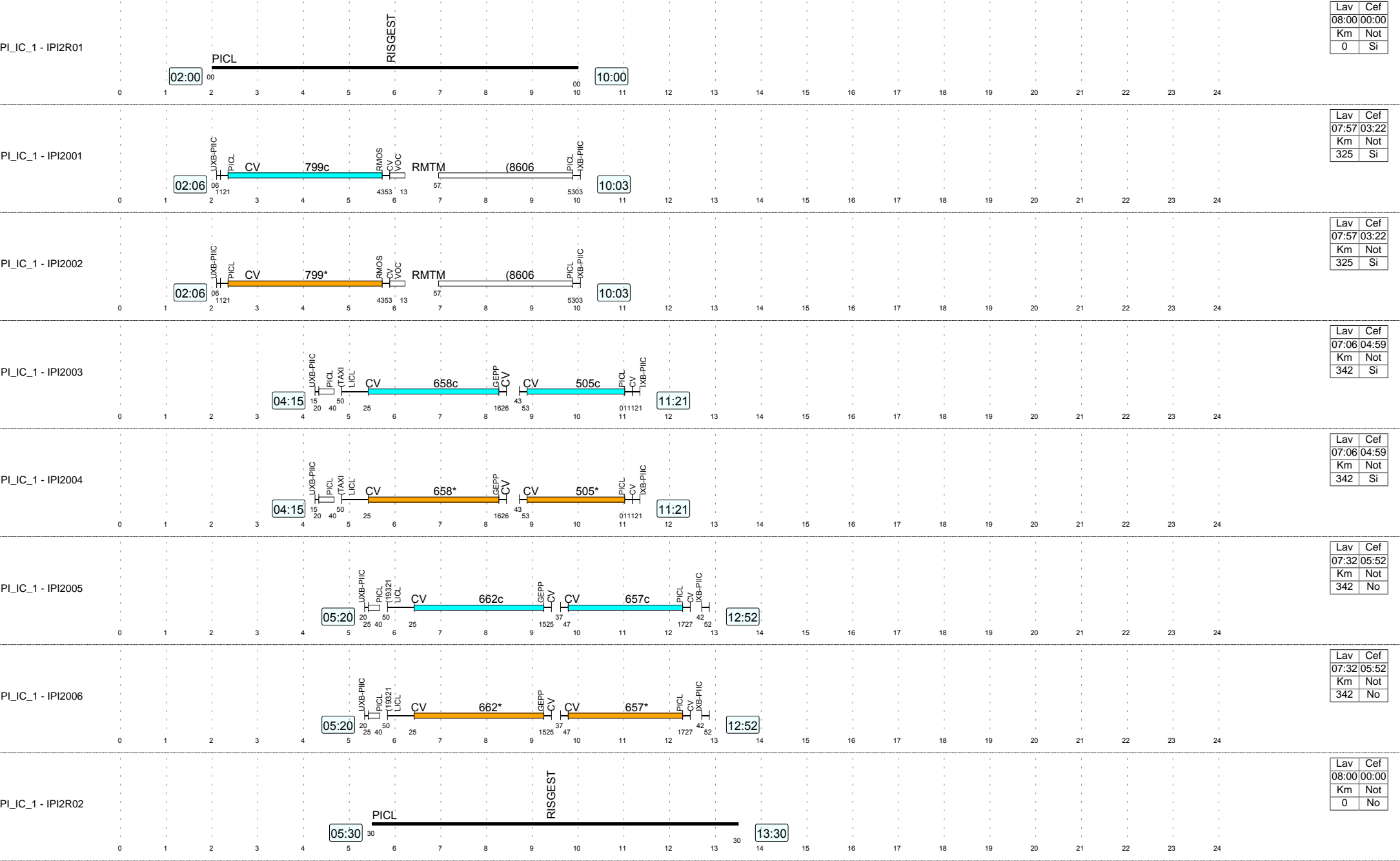
## Pag. 6











The figure displays genomic tracks for six different PI\_IC\_1 samples (IPI2007 to IPI2012). Each track includes a gene model, a coverage plot, and a variant call plot. The gene models show the structure of the PI\_IC\_1 gene, with exons represented by colored bars (blue for IPI2007, orange for IPI2008, cyan for IPI2009, yellow for IPI2010, and green for IPI2011 and IPI2012) and introns by lines. The coverage plots show the number of reads covering each position, with a scale from 0 to 24. The variant call plots show the number of variant calls at each position, with a scale from 0 to 24. The variant call plots also include a table of variant calls for each sample, with columns for 'Lav', 'Cef', 'Km', and 'Not'.

**PI\_IC\_1 - IPI2007**

Lav	Cef
08:24	06:02
Km	Not
651	No

**PI\_IC\_1 - IPI2008**

Lav	Cef
08:24	06:02
Km	Not
651	No

**PI\_IC\_1 - IPI2009**

Lav	Cef
07:28	05:26
Km	Not
412	No

**PI\_IC\_1 - IPI2009**

Lav	Cef
07:19	03:31
Km	Not
231	Si

**PI\_IC\_1 - IPI2010**

Lav	Cef
07:28	05:26
Km	Not
412	No

**PI\_IC\_1 - IPI2010**

Lav	Cef
07:19	03:31
Km	Not
231	Si

**PI\_IC\_1 - IPI2011**

Lav	Cef
06:46	02:48
Km	Not
181	No

**PI\_IC\_1 - IPI2012**

Lav	Cef
06:46	02:48
Km	Not
181	No

PI\_IC\_1 - IPI2013

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

18:48 48 5303 19 CV 518c 304050 18:48

Lav	Cef
05:02	04:27
Km	Not
302	No

PI\_IC\_1 - IPI2013

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

15:07 57 (3361) GEPP GEPP\_AP REFEEZ CV 511c 475707 15:07

PI\_IC\_1 - IPI2014

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

18:48 48 5303 19 CV 518\* 304050 18:48

Lav	Cef
05:02	04:27
Km	Not
302	No

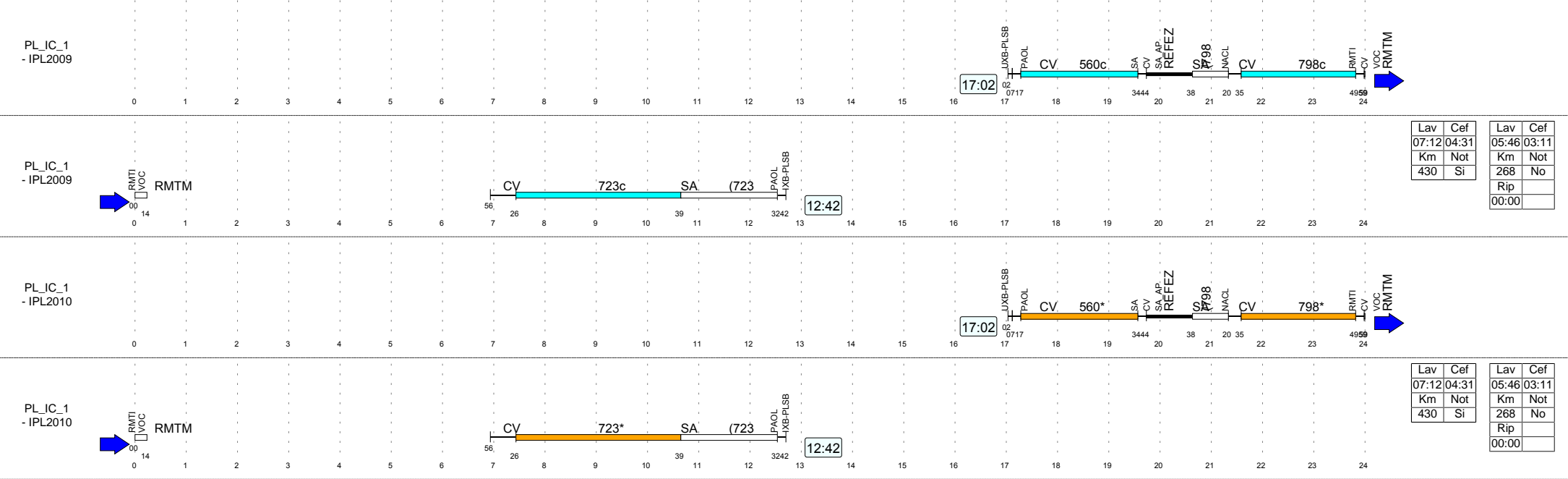
PI\_IC\_1 - IPI2014

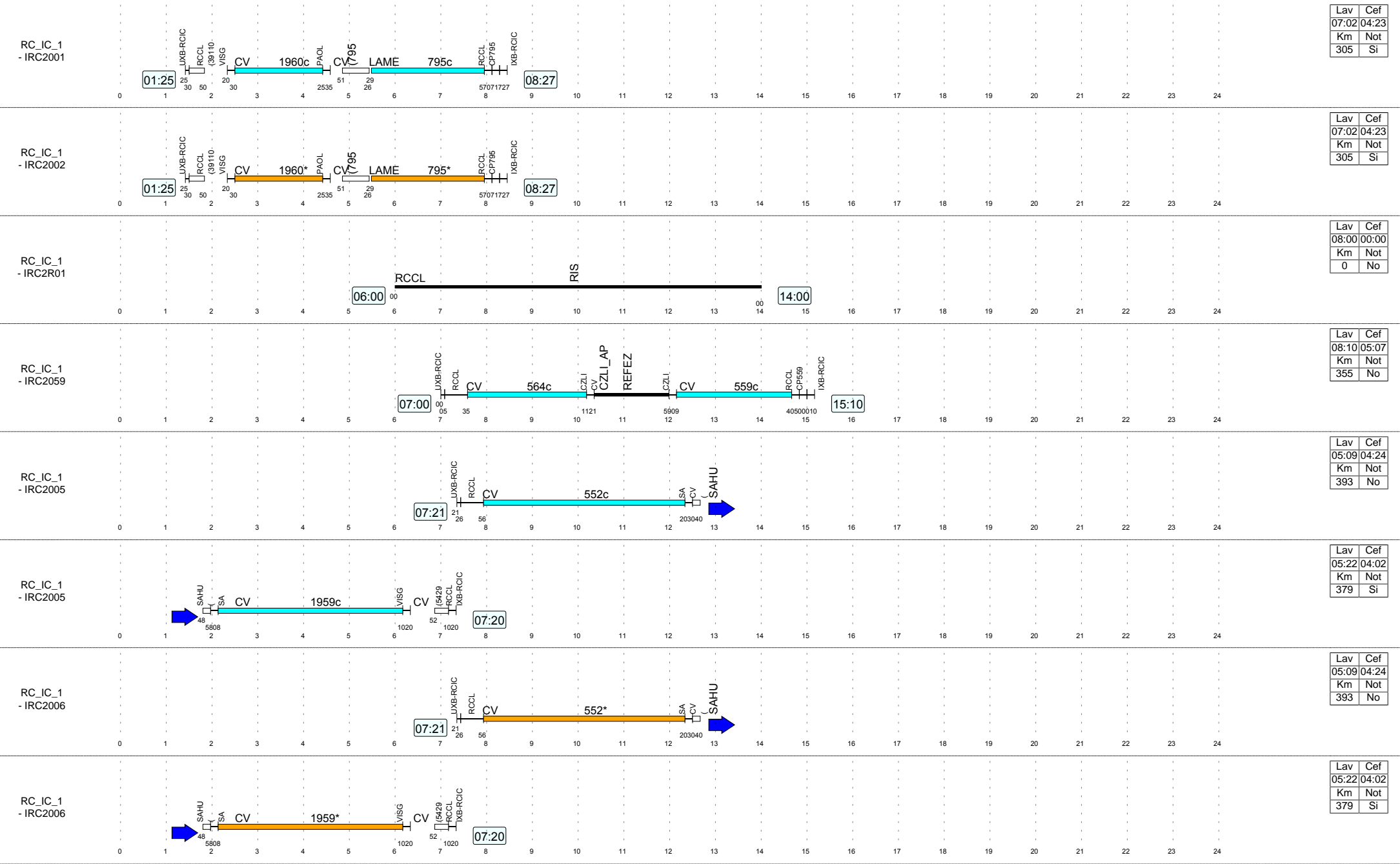
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

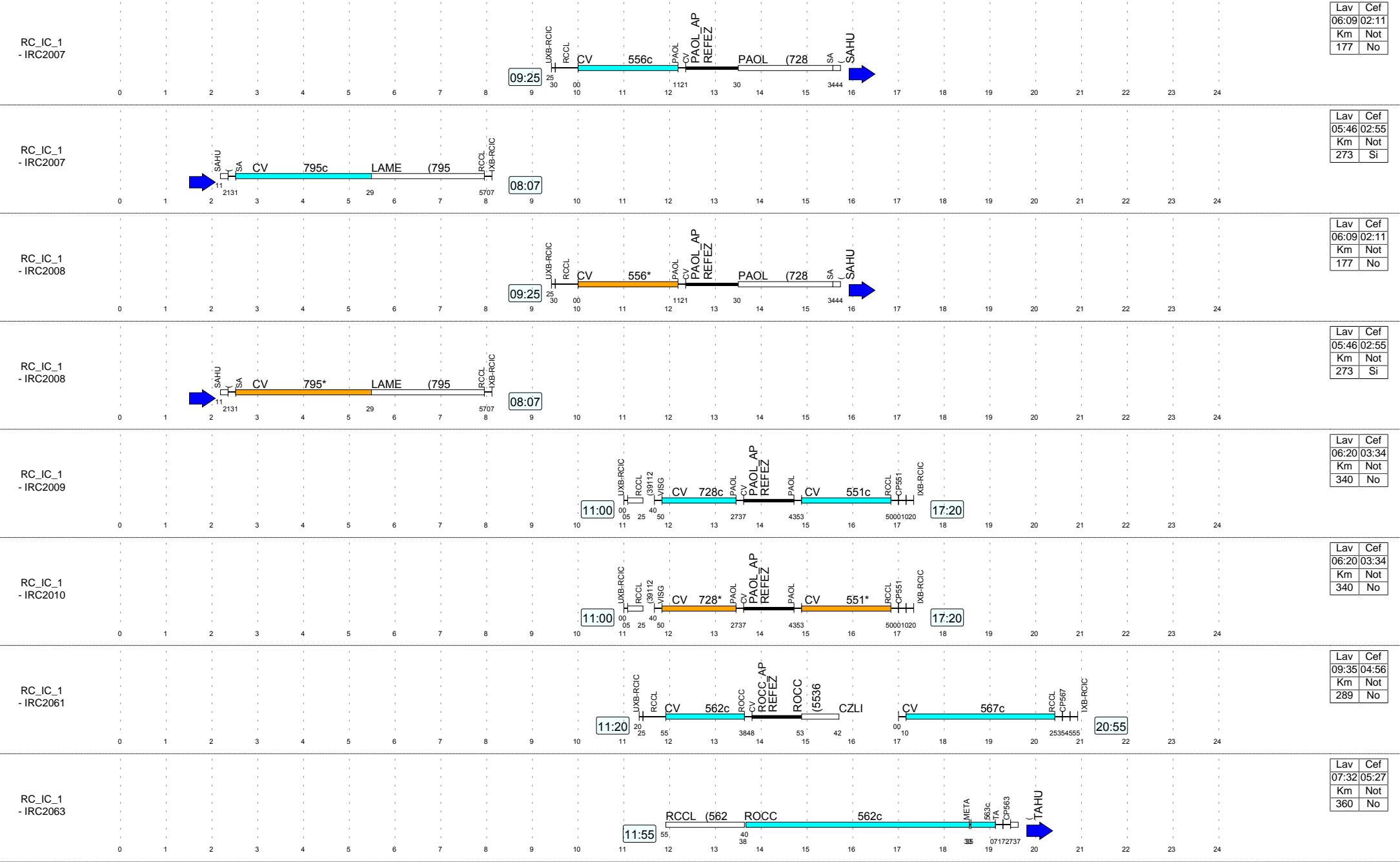
15:07 57 (3361) GEPP GEPP\_AP REFEEZ CV 511\* 475707 15:07

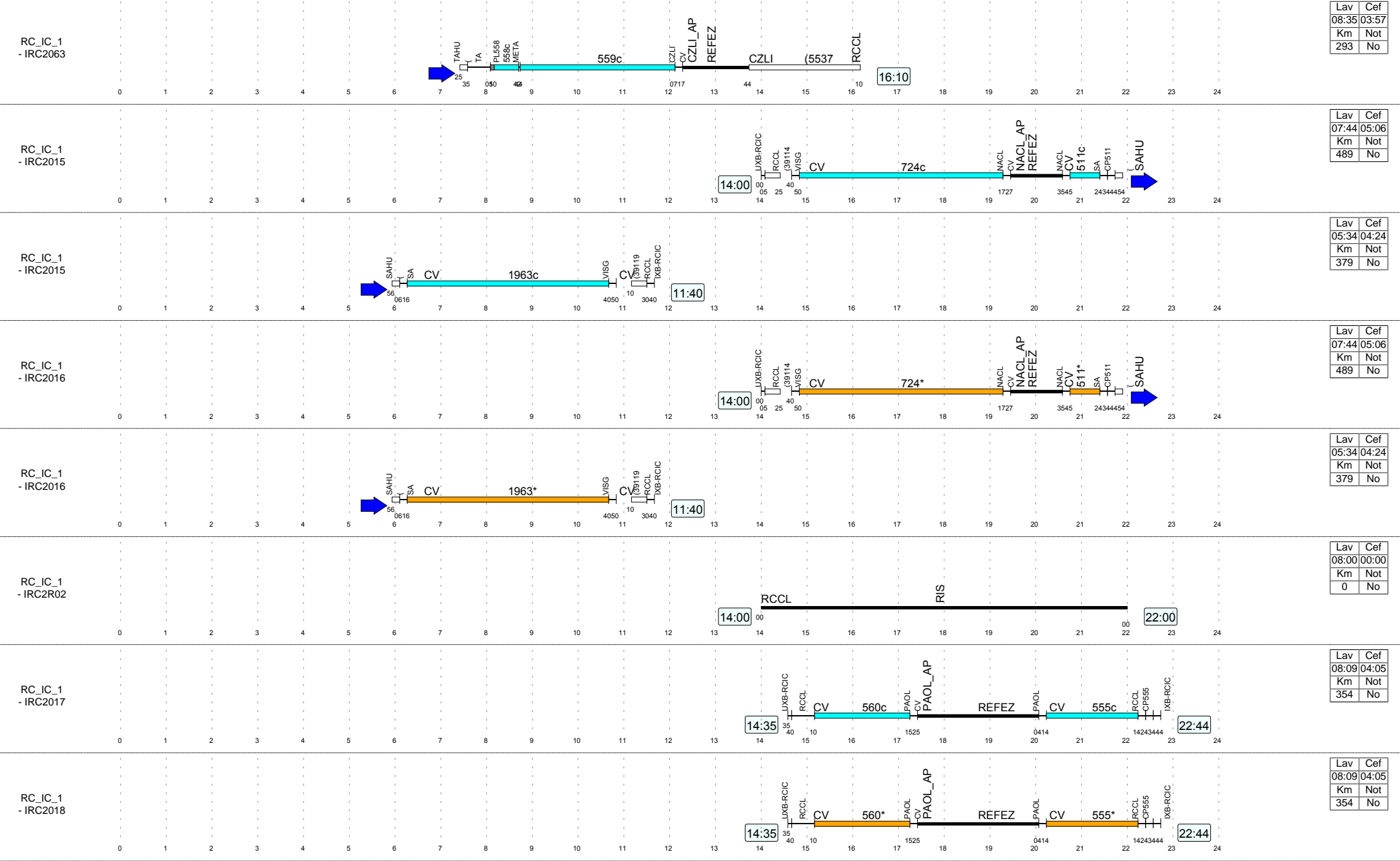


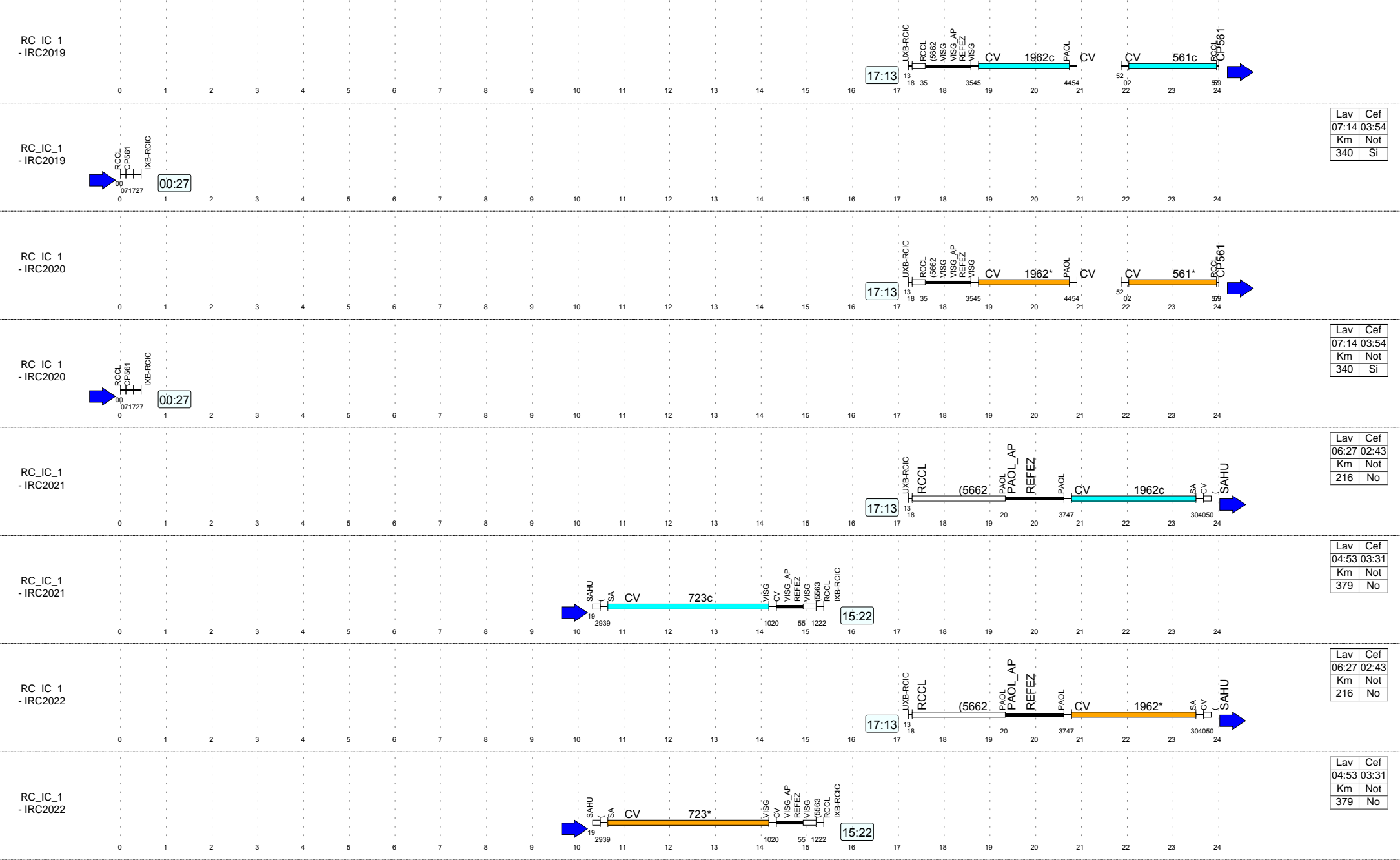




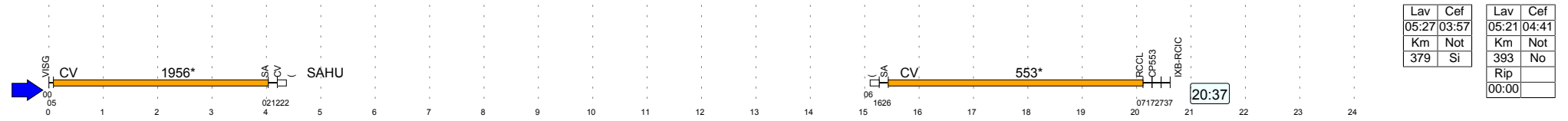
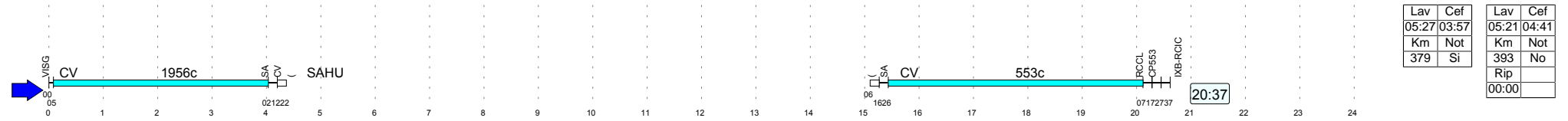
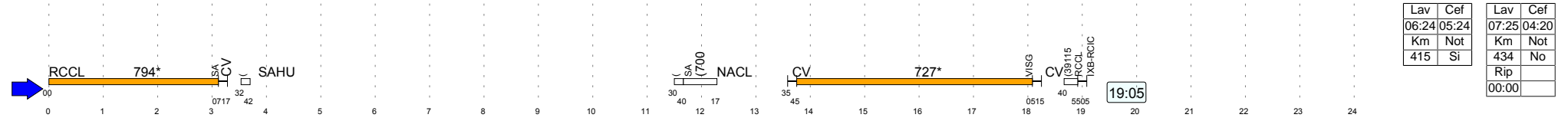
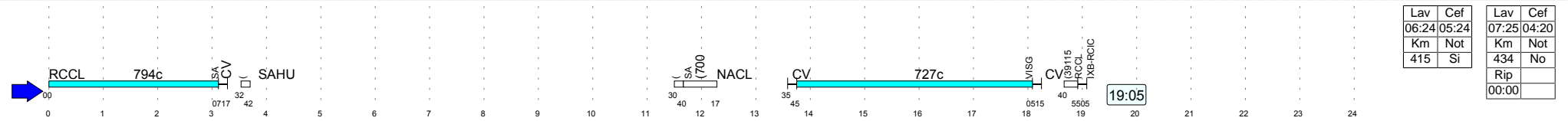


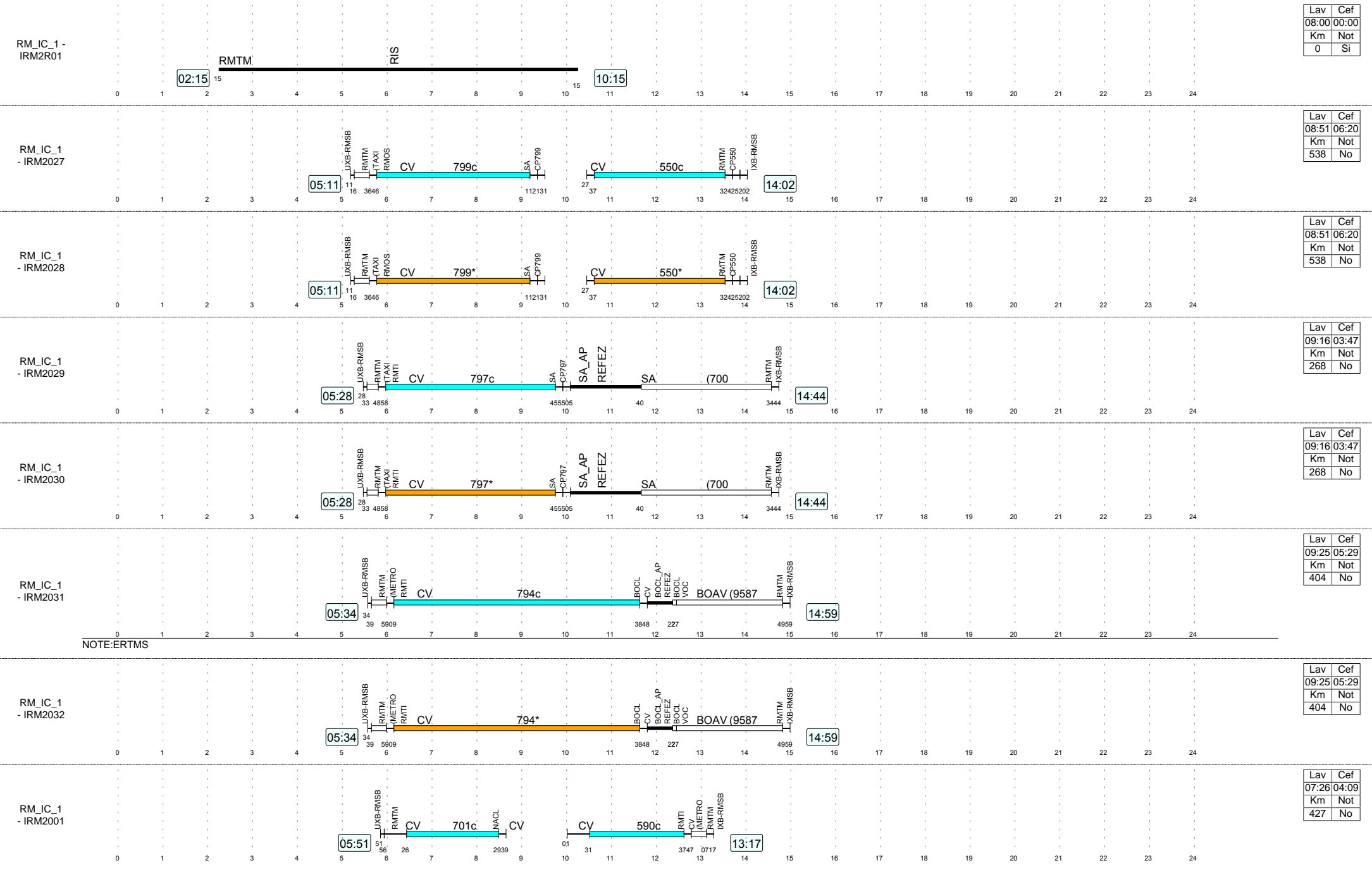






## Pag. 5









Lav	Cef
07:26	04:09
Km	Not
427	No

Lav	Cef
08:00	00:00
Km	Not
0	No

Lav	Cef
08:04	05:05
Km	Not
482	No

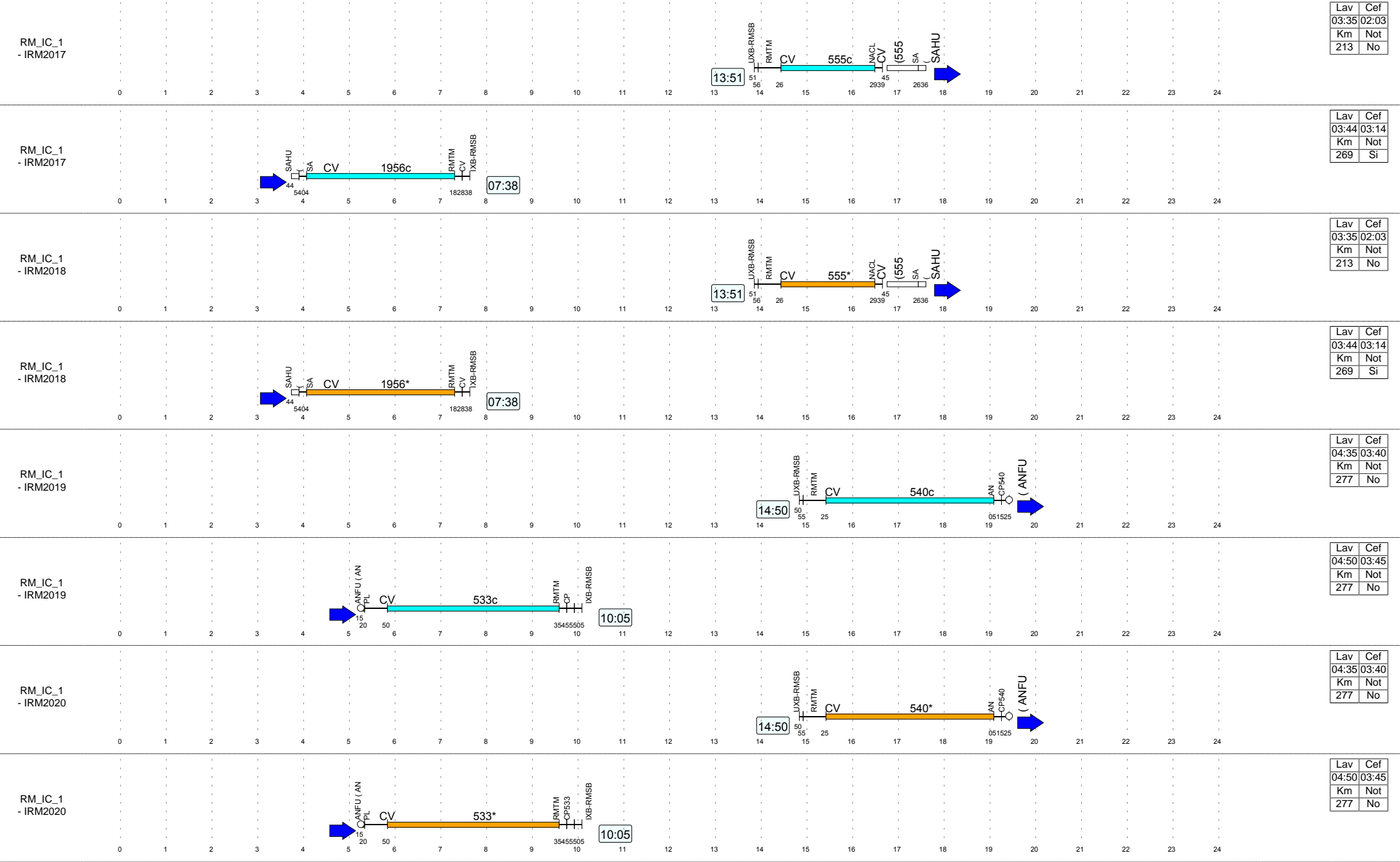
Lav	Cef
08:04	05:05
Km	Not
482	No

Lav	Cef
07:50	03:05
Km	Not
282	No

Lav	Cef
07:50	03:05
Km	Not
282	No

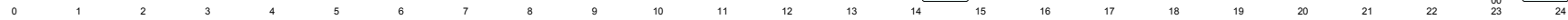
Lav	Cef
06:33	01:54
Km	Not
148	No

Lav	Cef
06:33	01:54
Km	Not
148	No

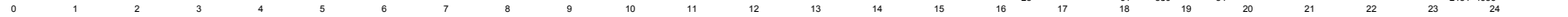




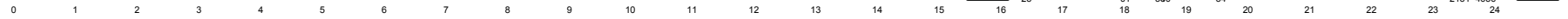
**GIORNO D'ESERCIZIO ED IMPIANTO:** 2021-12-21 Roma IC - Bordo(RM-IC-XB)



Lav	Cef
08:00	00:00
Km	Not
0	No



Lav	Cef
07:36	03:47
Km	Not
290	No



Lav	Cef
07:36	03:47
Km	Not
290	No



Lav	Cef
03:22	02:27
Km	Not
189	No



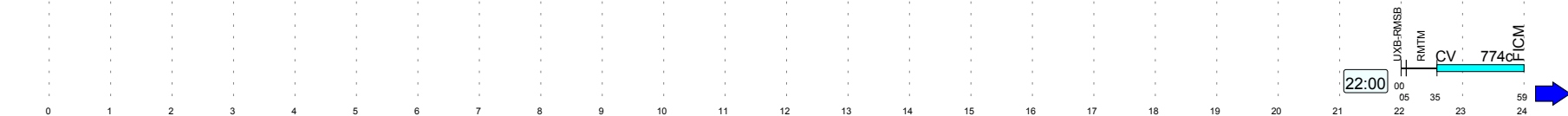
Lav	Cef
03:10	02:15
Km	Not
189	No



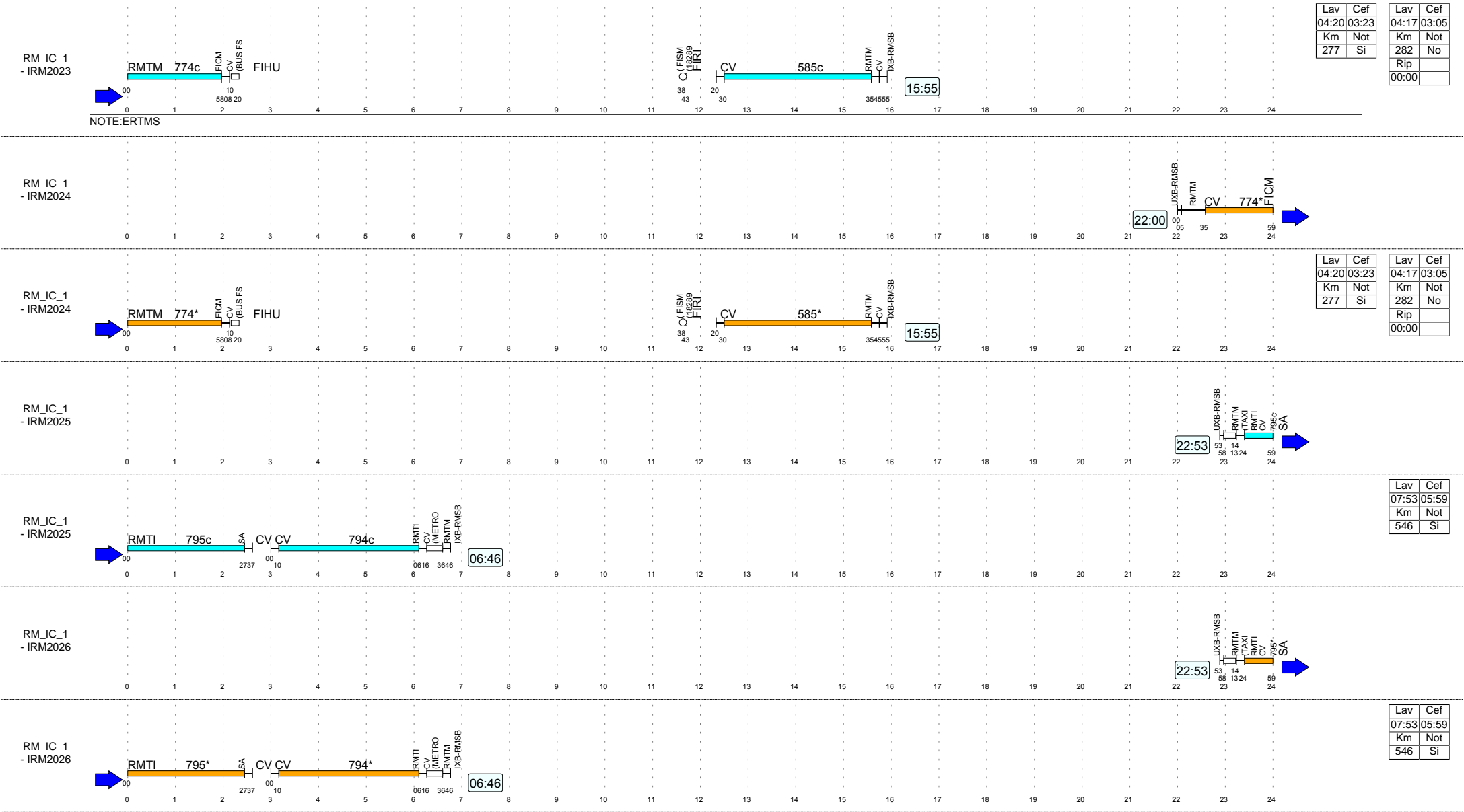
Lav	Cef
03:22	02:27
Km	Not
189	No

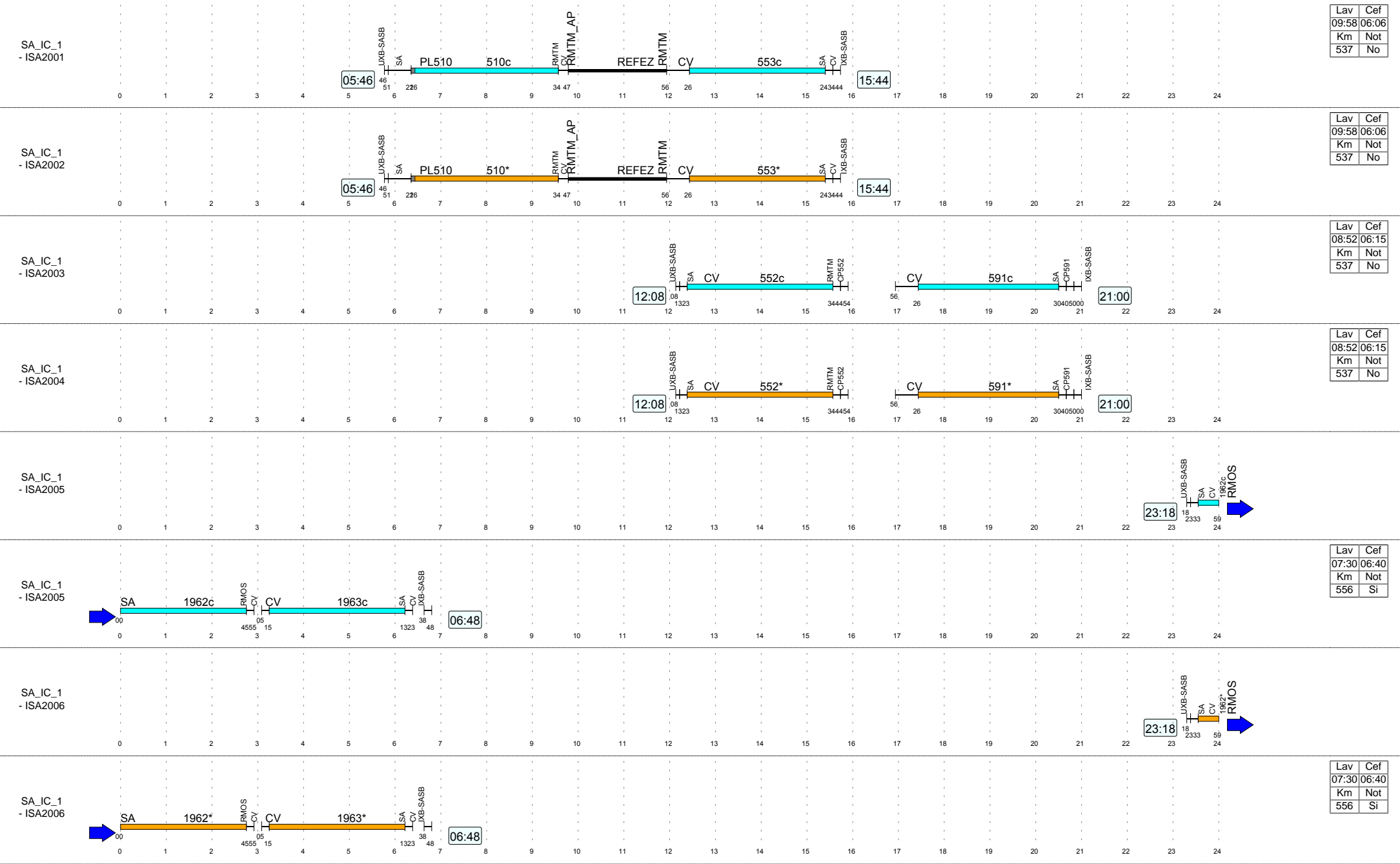


Lav	Cef
03:10	02:15
Km	Not
189	No

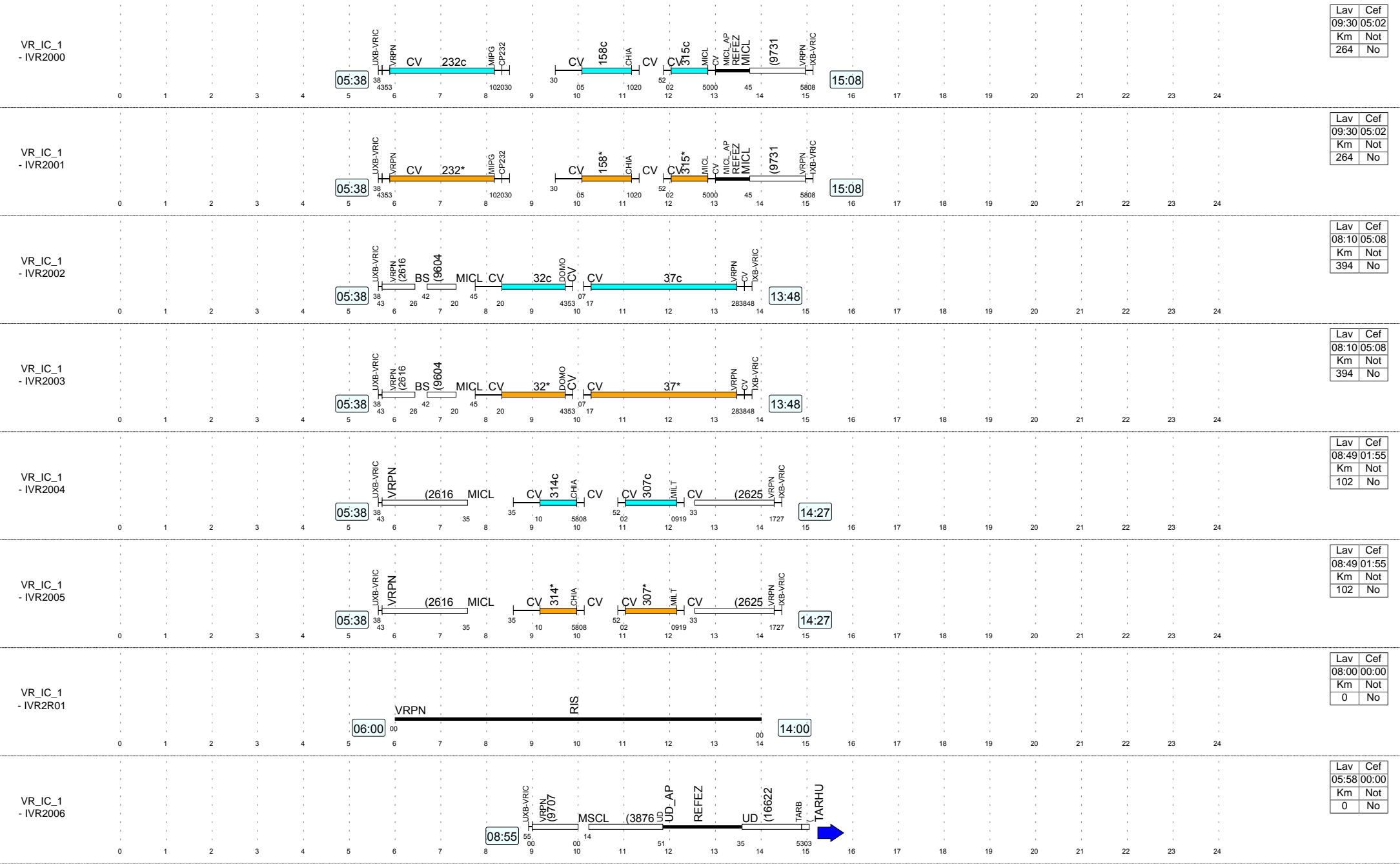


NOTE:ERTMS











## Pag. 2

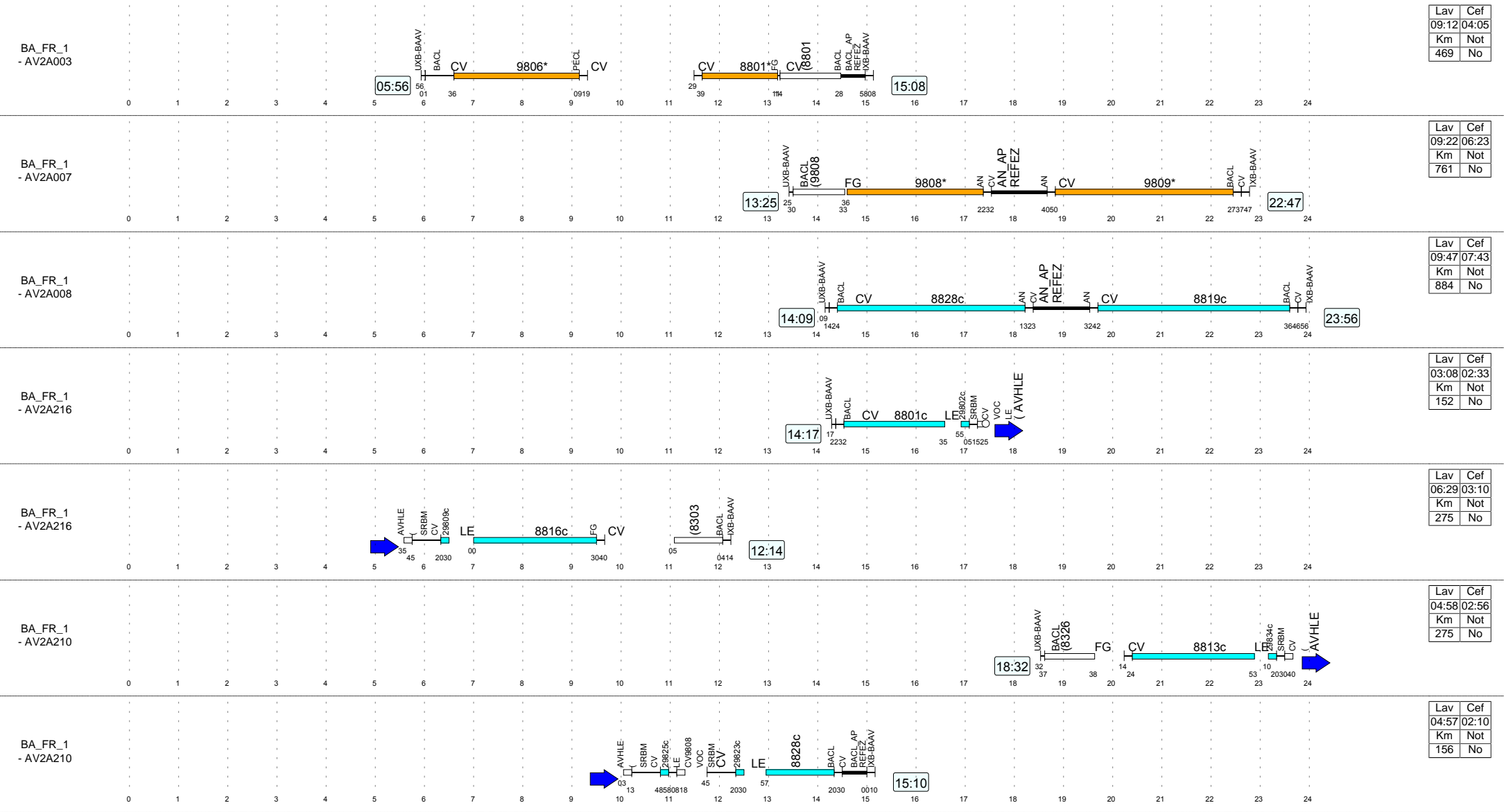
Lav	Cef
08:00	00:00
Km	Not
0	No



## Pag. 3







Lav	Cef
09:12	04:05
Km	Not
469	No

Lav	Cef
09:22	06:23
Km	Not
761	No

Lav	Cef
09:47	07:43
Km	Not
884	No

Lav	Cef
03:08	02:33
Km	Not
152	No

Lav	Cef
06:29	03:10
Km	Not
275	No

Lav	Cef
04:58	02:56
Km	Not
275	No

Lav	Cef
04:57	02:10
Km	Not
156	No

