

R.F.I. SpA - SNCF Réseau - TELT - SBB - Infrastruktur

Presentation of the TCRs to the Railway Undertakings



27 June 2024

Agenda



- 1 Greetings and goals 14:30
- 2 Presentation of speakers and participants 14:40 circa
- 3 Update about the accidental TCR on the Modane axis 14:50 circa
- 4 Construction sites of SNCF - RFI - SBB for TT2025 15:05 circa
- 5 Construction sites of SNCF - RFI - SBB for TT2026 15:30 circa
- 6 Major Construction sites of SNCF - RFI - SBB for TT2027 15:50 circa
- 7 Questions and Answers 16:00 circa
- 8 Conclusions 16:25 circa

Update about the accidental TCR on the Modane axis



Update about the accidental TCR on the Modane axis



Re-opening still estimated at the end of november 2024.

Official announcement will be communicated when known (expected mid-july).

Construction sites of SNCF - RFI - SBB for TT2025



Construction sites of SNCF - RFI - SBB for TT2025



		January 25	February 25	March 25	April 25	May 25	June 25	July 25	August 25	September 25	October 25	November 25	December 25
ID	SECTION, REASON FOR ACTIVITY	1	2	3	4	5	6	7	8	9	10	11	12
Torino - Modane - Lione axis													
Torino - Modane - Lione axis													
1	BUSSOLENO - MODANE, ERTMS												
	BUSSOLENO - MODANE, ERTMS												
	BUSSOLENO - MODANE, ERTMS												
	BUSSOLENO - MODANE, ERTMS												
	BUSSOLENO - MODANE, ERTMS												
2	SALBERTRAND - CHIOMONTE, MAINTENANCE												
	Montmélian-Modane TELT + régénération												
3	Modane Maintenance												
4	Modane Maintenance												
Genova - Ventimiglia - Marsiglia axis													
Genova - Ventimiglia - Marsiglia axis													
1	PIETRA L. - FINALE L., MAINTENANCE BOTTASANO												
	GENOVA PEGLI, STATION UPGRADE												
2	GENOVA PEGLI, STATION UPGRADE												
	GENOVA PEGLI, STATION UPGRADE												
3	NODO DI GENOVA, III VALICO - QUADRUPPLICAMENTO												
4	TOULON-Les ARCS, SR Cat												
5	NICE, RAV												
	NICE, RAV												
	NICE, RAV												
6	CARNOULE, conf Acqueduc												
7	AUBAGNE-CASSIS, OA												
8	LES ARCS, PRA petite Garonne												
Milano - Domodossola - Vallorbe - Dijon axis													
Milano - Domodossola - Vallorbe - Dijon axis													
1	ARONA - PREMOSELLO, P/C 80, ERTMS												
	ARONA - PREMOSELLO, P/C 80, ERTMS												
2	RHO - GALLARATE, QUADRUPPLICAMENTO												
	ARONA - PREMOSELLO, P/C 80, ERTMS												
3	ARONA - PREMOSELLO, P/C 80, ERTMS												
	ARONA - PREMOSELLO, P/C 80, ERTMS												
4	GALLARATE - ARONA/RHO, ERTMS												
	GALLARATE - RHO, ERTMS												
	GALLARATE - ARONA/RHO, ERTMS												
	GALLARATE - ARONA/RHO, ERTMS												
	GALLARATE - ARONA/RHO, ERTMS + MAINTENANCE												
	GALLARATE - ARONA/RHO, ERTMS												
	GALLARATE - RHO, ERTMS												
5	GALLERIE DEL SEMPIONE, sbarramento di 1/4												
	Brig-Visp, totale continuo												
7	Aigle Rinnovo binari 10 ore di interruzione totale notturne												
8	La Sarraz, Manutenzione Daillens-Vallorbe Notte												
9	Vevey-La Tour de Peilz, totale notte												
	Vevey-La Tour de Peilz, totale notte												
10	Lausanne, interdiction en permanence 118-158												
	Lausanne-Taillepied, interruzione totale notte												
11	Rivaz, Week-end travaux intensifs LS (nc) - VV (nc)												
12	Roche, Simple voie Villeneuve - Aigle												
	Roche, Simple voie Roche - Aigle												
13	St-Maurice, Totale notte 21.45-04:30												
	St-Maurice, Totale notte 21.45-04:30												
14	Riddes-Chamoson, Totale notte 01:30-04:15												
15	Turtmann, Totale continuo in ombra Arona-Gallarate												



Legend:

- Line closure
- Track closure
- Periodical total closure

RFI: Focus on TCRs of the TT2025



ID TCR	Section	Activity	Impact of TCR	Period	Traffic measures
Torino - Modane - Lione axis					
1	Bussoleno - Modane	ERTMS	Total closure: 1 x 96h 4 x 48h	1 may - 4 may 10 may - 12 may 14 june - 16 june 4 oct. - 6 oct. 8 nov. - 10 nov.	LH: cancelled Reg: limited + cancelled Freight: rerouted + cancelled
2	Salbertrand - Chiomonte	Maintenance tunnel	Track closure: 30 days	2 aug. - 31 aug.	Reg: punctual limitations Freight: train paths remodulation
Genova - Ventimiglia - Marsiglia axis					
1	Pietra L. - Finale L.	Maintenance bridge Bottasano	Total closure: 1 x 48h	18 jan. - 19 jan.	LH: limited Reg: limited + cancelled Freight: cancelled
2	Genova Pegli	Upgrade stazione	Total closure: 3 x 48h	11 jan. - 12 jan. 8 feb. - 9 feb. 1 march - 2 march	LH: remodulation Reg: remodulation + limited + cancelled Freight: train paths remodulation
3	Node of Genova	III Valico: activation infrastructural upgrade	Total closure: 30 days	17 may - 15 june	Freight: cancelled with punctual reroutings via Savona - San Giuseppe (possible limitations of module and loading gauge)
Milano - Domodossola - Vallorbe - Dijon axis					
1	Arona - Premosello	P/C 80 + ERTMS	Total closure: 49 days + 14 days	8 june - 27 july 30 aug. - 13 sept.	LH: cancelled Reg: limited + cancelled Freight: rerouted + cancelled
2	Rho - Gallarate	Line upgrade + ERTMS	Total closure: 11 days	26 dec. - 6 jan. 2026	LH: cancelled Reg: limited + cancelled Freight: rerouted + cancelled
3	Arona - Premosello	PC 80 + ERTMS	Total closure: 3 x 72h	25 apr. - 27 apr. 3 oct. - 5 oct. 14 nov. - 16 nov.	LH: cancelled Reg: limited + cancelled Freight: rerouted + cancelled
4	Gallarate - Arona/Rho	ERTMS	Total closure: 9 x 31h + 1 x 96h	11-12 jan/8-9 feb/8-9 mar/ 5-6 apr/1-4 may/24-25 may/ 3-5 oct./11-12 oct/8-9 nov/ 20-21 dec	LH: cancelled Reg: limited + cancelled Freight: rerouted + cancelled

RFI: Focus on TCRs of the TT2025



ID TCR	Section	Activity	Impact of TCR	Period	Traffic measures
Torino - Milano					
1	Chivasso - Bv. Castelrosso	ERTMS	Total closure: 4 x 48h	4 jan. - 5 jan. 15 feb. - 16 feb. 8 march - 9 march 11 oct. - 12 oct.	LH: rerouted via Alessandria Reg: limited + cancelled Freight: rerouted via Alessandria e/o via Mortara
2	Trecate - Magenta	Maintenance bridge over Naviglio Grande	Total closure: 2 x 54h	15 march - 16 march 22 march - 23 march	LH: rerouted Reg: limited + cancelled Freight: train paths remodulation and rerouting

SNCF Réseau: Focus on TCRs of the TT2025

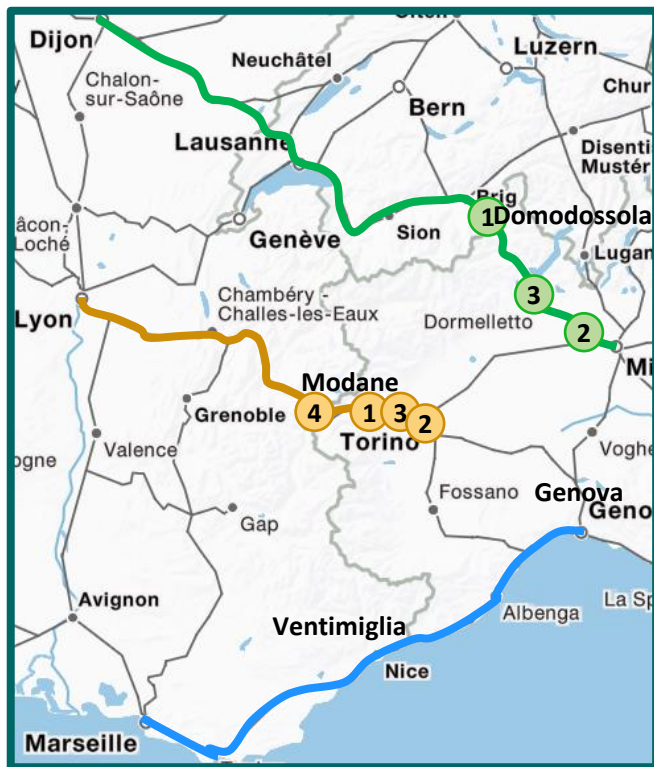


ID TCR	Section	Activity	Impact of TCR	Period	Traffic measures
Torino - Modane - Lione axis					
3	Montmélan - Modane	TELT Works + Maintenance	Periodical 6h to 9h closures	12 may - 21 sept	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
4	Modane	Maintenance	Total closure: 1 x 85h 1 x 64h	30 april – 04 may 08 may – 11 may	LH: replanned + cancelled Reg: limited Freight: replanned + cancelled
Genova - Ventimiglia - Marsiglia axis					
4	Toulon - La Pauline	Catenary maintenance	Periodical night 8h30 closures	2 feb. – 26 june	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
5	Antibes - Nice	Switch rails replacement	Periodical night 6h30 closures + Total closures 1 x 24h 1 x 53h	2 feb. – 26 june 12->13 june 19->21 june	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
6	Carnoules	Maintenance	Total closure: 1 x 28h	11->12 october	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
7	Aubagne - Cassis	Maintenance	Periodical night 7h closures	7 sept. – 11 dec.	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
8	Les Arcs - Saint-Raphael	Maintenance	Periodical night 6h30 closures	29 sept. – 13 dec.	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled

Construction sites of SNCF - RFI - SBB for TT2026

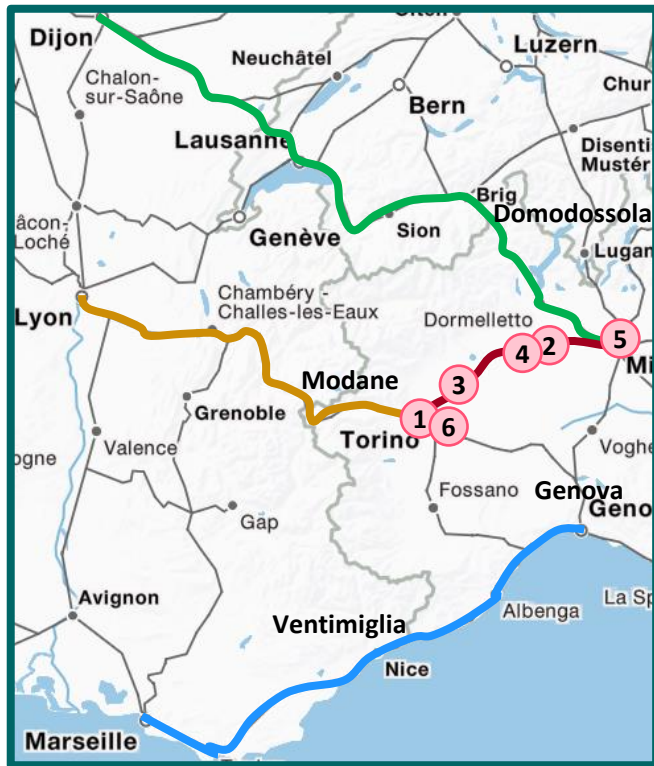


RFI: Focus on TCRs of the TT2026



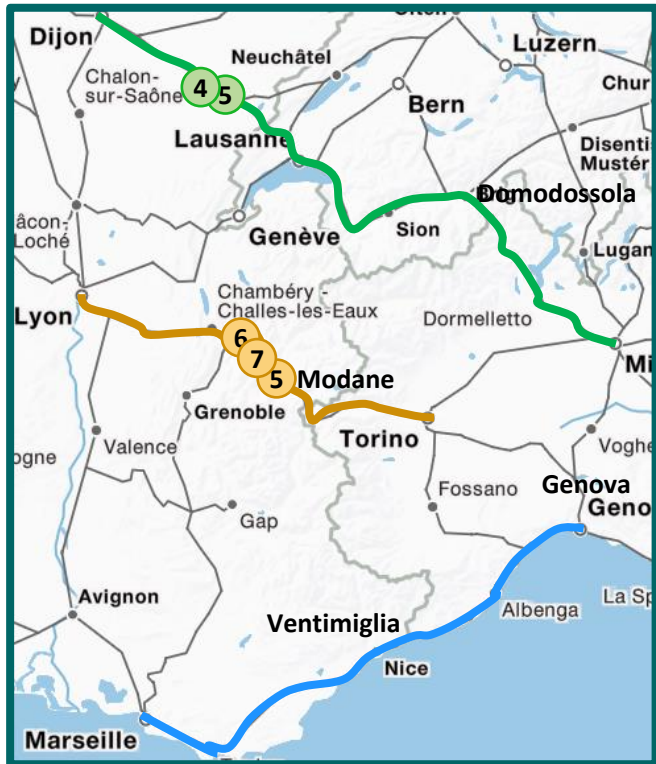
ID TCR	Section	Activity	Impact of TCR	Period	Traffic measures
Torino - Modane - Lione axis					
1	Bussoleno - Modane	ERTMS	Total closure: 6 x 48h	31 jan. - 1 feb 21 march - 22 march 11 apr. - 12 apr. 18 apr. - 19 apr. 16 may - 17 may 6 june - 7 june	LH: cancelled Reg: limited + cancelled Freight: rerouted + cancelled
2	Torino San Paolo	New station of Torino San Paolo SFM5	Total closure: 36h	28 feb. - 1 march	LH: cancelled Reg: limited + cancelled Freight: guaranteed trains with O/D Torino Orbassano + cancelled
3	Salbertrand - Chiomonte	Maintenance tunnel	Track closure: 90 days	11 july - 9 oct.	Reg: punctual limitations Freight: remodulation
4	Bardonecchia - Modane	Renewal track tunnel Frejus	Total closure: 30 days	11 sept. - 9 oct. (in shadow to SNCF Réseau and TELT activities)	LH: cancelled Freight: rerouted + cancelled
Milano - Domodossola - Vallorbe - Dijon axis					
1	Iselle - Domodossola	P/C 80 + ERTMS + Line upgrade	Total closure: 60 days	29 may - 27 july	LH: cancelled Reg: limited + cancelled Freight: rerouted + cancelled
2	Rho - Gallarate	Line upgrade + ERTMS	Total closure: 11 days	26 dec. - 6 jan. 2026	LH: cancelled Reg: limited + cancelled Freight: rerouted + cancelled
3	Gallarate - Arona/Rho	ERTMS	Total closure: 8 x 31h	24 - 25 jan. 31 jan. - 1 feb. 28 feb. - 1 march 21 march - 22 march 28 march - 29 march 11 apr. - 12 apr. 18 apr. - 19 apr. 9 may - 10 may	LH: cancelled Reg: limited Freight: rerouted

RFI: Focus on TCRs of the TT2026



ID TCR	Section	Activity	Impact of TCR	Period	Traffic measures
Torino - Milano					
1	Torino P. Nuova - Q.vio Zappata	New direct line Torino P. Nuova - Torino P. Susa	2 Track closure: 7 days + 7 days	1 july - 13 dec.	LH: limitation of national trains Reg: punctual cancellations and limitations
2	Novara Boschetto	Station improvement	Total closure: 23 days	4 july - 27 july	Freight: cancelled
3	Chivasso - Bv. Castelrosso	ERTMS	Total closure: 6 x 48h	17 jan. - 18 jan. 24 jan. - 25 jan. 28 feb. - 1 march 28 march - 29 march 23 may - 24 may 30 may - 31 may	LH: rerouted via Alessandria Reg: limited + cancelled Freight: rerouted via Alessandria e/o via Mortara
4	Novara	Technological upgrade: ACC	Total closure: 20h	1 may - 30 june	LH: rerouted via Alessandria Reg: limited + cancelled Freight: rerouted via Alessandria e/o via Mortara
5	Milano Porta Garibaldi	Technological upgrade: ACC	Track interruption in different phases for 71 days	4 apr. - 13 june	LH: elimination of services in the Milano P. Garibaldi station, of which the last 16 days with suppression of the Milano P. Garibaldi stop Reg: limited + cancelled
6	Torino Porta Nuova - Torino Porta Susa	New direct line Torino P. Nuova - Torino P. Susa	Track closure: 120h	30 oct. - 3 nov.	LH: limitation of national trains Reg: punctual cancellations and limitations

SNCF Réseau: Focus on TCRs of the TT2026



ID TCR	Section	Activity	Impact of TCR	Period	Traffic measures
Torino - Modane - Lione axis					
5	Montmélián – Modane	TELT Works	Total Closure 28 days + Periodical 6h closures (day + night to be confirmed)	11 sept – 09 oct. + 05 jan. – 11 dec.	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
6	Montmélián – St-Pierre-d'Albigny	RVB	Periodical closure: 6 to 8 hours (night to be confirmed)	6 jul. – 2 oct.	LH: replanned + cancelled Reg: limited Freight: replanned + cancelled
7	St-Pierre-d'Albigny – Modane	RVB + Madeleine Tunnel	Periodical closure: 6 to 8 hours (day + night to be confirmed)	15 jun. – 10 sept.	LH: replanned + cancelled Reg: limited Freight: replanned + cancelled
Milano - Domodossola - Vallorbe - Dijon axis					
4	Mouchard	Switch rails and tracks replacement	Total closure 2 x 34h 1 x 14h + Periodical closure	14/15 march 28/29 march 12/13 june + 13 jan. – 10.jul.	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
5	Andelot	maintenance	Periodical 7h night closure	13 jan. – 10.jul.	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled

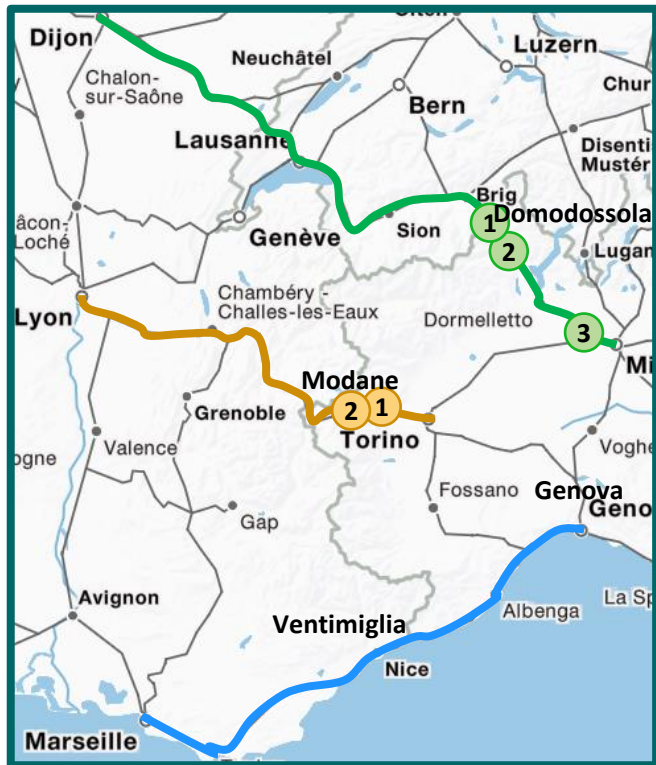
SNCF Réseau: Focus on TCRs of the TT2026



ID TCR	Section	Activity	Impact of TCR	Period	Traffic measures
Genova - Ventimiglia - Marsiglia axis					
1	Marseille-Vintimille	Rail bridge maintenance	Total closure 1 x 157 h 1 x 36 h	8 nov. – 15 jun. 18 sept. – 20 sept.	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
2	Marseille	Switch rails replacement	Total closures 1 x 60h 1 x 54h 1 x 35 h	14->17 may 23->25 may 30->31 may	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
3	Frejus - Nice	Maintenance	Periodical night 7h closures	26 jan. – 16 apr.	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
4	Toulon – Les Arcs	Catenary maintenance	Periodical night 6 to 8h closures	11 oct. – 10 dec.	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
5	Nice - Vintimille	Rail bridge maintenance	Total Closure 1 x 96h Periodical night 8h closures	8->12oct. 30 aug. – 30 nov.	LH: replanned + cancelled Reg: limited + cancelled Freight: replanned + cancelled
6	Aubagne - Toulon	maintenance	Periodical night 6hclosures	5 jan – 21 may	LH: replanned + cancelled Reg: limited Freight: replanned + cancelled
7	Marseille - Vintimille	HPMV	Periodical night 6h closures	5 jan. – 10 jul.	LH: replanned + cancelled Reg: limited Freight: replanned + cancelled

Major Construction sites of SNCF - RFI - SBB for TT2027

RFI: Focus on TCRs of the TT2027



ID TCR	Section	Activity	Impact of TCR	Period	Traffic measures
Torino - Modane - Lione axis					
1	Bussoleno - Meana	Maintenance tunnel	Track closure: 40 days	13 june - 23 july	Reg: punctual limitations Freight: train paths remodulation
2	Salbertrand - Meana	Track renewal	Track closure: 50 days	24 july - 12 sept.	Reg: punctual limitations Freight: train paths remodulation
Milano - Domodossola - Vallorbe - Dijon axis					
1	Iselle - Domodossola	P/C 80	Total closure: 21 days	14 june - 5 july <i>Period being defined</i>	LH: cancelled Reg: limited + cancelled Freight: rerouted + cancelled
1	Iselle - Domodossola	P/C 80	Track closure: 40 days	6 july - 15 aug. <i>Period being defined</i>	LH: punctual train paths remodulation Reg: punctual train paths remodulation and limitations Freight: reroutings and punctual train paths remodulation
2	Domodossola - Bv. Valle	P/C 80	Track closure: 40 days	14 june - 24 july <i>Period being defined</i>	<i>From 6 july to 24 july (outside the total closure)</i> LH: punctual train paths remodulation Reg: punctual train paths remodulation and limitations Freight: reroutings and punctual train paths remodulation
3	Rho - Gallarate	Line upgrade	Total closure: 17 days	oct. - dec. <i>Period being defined</i>	LH: cancelled Reg: limited + cancelled Freight: rerouted + cancelled

SNCF Réseau: Focus on TCRs of the TT2027



ID TCR	Section	Activity	Impact of TCR	Period	Traffic measures
Torino - Modane - Lione axis					
3	Montmélan – St-Pierre-d’Albigny	TVP	Total Closure 1 WE Periodical closure	WE 19/20 W3 -> W27	To be evaluated
4	St-Avre – St-Jean	TELT works	Total Closure 1 WE Periodical closure	WE 12/13 All year	To be evaluated
5	Montmélan – St-Pierre-d’Albigny	maintenance	Periodical closure	W11 -> W20	To be evaluated
6	St-Jean - Modane	maintenance	Total Closure 1 WE Periodical closure	WE 12/13 W11 -> W18	To be evaluated
Genova - Ventimiglia - Marsiglia axis					
1	Marseille - Vintimille	Development & maintenance	Total Closure 14 WE Periodical closure	10 WE on S1 4 WE on S2 All year	To be evaluated
2	Nice Vintimille	maintenance	Total Closure 2 weeks	W45 -> W46	To be evaluated
Milano - Domodossola - Vallorbe - Dijon axis					
3	Mouchard - Andelot	maintenance	Total Closure 1 WE Periodical closure	WE 12/13 W12 -> W17	To be evaluated
4	Andelot - Frasne	maintenance	Periodical closure	W8 -> W43	To be evaluated
5	Frasne - Vallorbe	maintenance	Periodical closure	W11 -> W43	To be evaluated

Questions and Answers

Conclusions