

APPENDIX 2.1

LIST OF BORDER SECTIONS AND INTERFACE ZONES

➤ **Border sections of Appendix III of the Order of 14 April 2008**

Contact network	Name of border section	SNCF RÉSEAU basic sections	No. of RT*	Electric traction	Type of block
Infrabel	Tourcoing / Mouscron	22046 Tourcoing / Tourcoing Border	2204	3,000/25,000 v	BAPR
Infrabel	Baisieux / Tournai (Froyennes)	22045 Ascq / Baisieux Border	2033	3,000/25,000 v	BAL
Infrabel	Wannehain / Antoing	23018 Sainghin / Wannehain*	2600	25.000 v	TVM 430
Infrabel	Haumont (Feignies) / Quévy-le-Petit	24025 Hautmont / Feignies Border	2301	3,000/25,000 v	BAL
Infrabel	Jeumont / Erquelines	22061 Maubeuge / Jeumont Border	2301	3,000/25,000 v	BMCV
Infrabel	Longwy Mont-Saint-Martin / Bertrix	16043 Mont-St-Martin / Mont-St-Martin Belgian Border	1721	25.000 v	BAL (double track) + single two-way track
CFL	Longwy Mont St Martin / Rodange	16044 Mont-St-Martin / Mont-St-Martin Luxembourg Border	1721	25.000 v	Single two-way track
CFL	Audun-le-Tiche / Esch-sur-Alzette	18201 Audun-le-Tiche / Audun-le-Tiche Border	not applicable	25.000 v	Single track CFL signalling
CFL	Thionville (Zoufftgen) / Bettembourg	14028 Thionville / Zoufftgen (IE) Border	1300	25.000 v	BAL (IPCS)
DB Netz	Apach / Perl	14026 Thionville / Apach Border	1321	15,000/25,000 v	BMCV
DB Netz	Bouzonville (Guerstling) / Hemmersdorf	18092 Bouzonville / Guerstling Border	CE S 0 No. 1/52	Non-electrified	CT
DB Netz	Forbach / Saarbrücken	14046 Forbach / Stiring Wendel Border	1201	15,000/25,000 v	BAL
DB Netz	Sarreguemines / Hanweiler-Bad Rlchingen	18091 Sarreguemines / Sarreguemines Border	not applicable	15.000 v	BAL DBAG type
DB Netz	Wissembourg / Winden (Kapsweyer)	18079 Wissenbourg / Wissenbourg Border	1022	Non-electrified	BMVU DBAG type
DB Netz	Lauterbourg / Wörth (Berg (Pfaltz))	18153 Lauterbourg / Lauterbourg Border	1025	Non-electrified	BMVU DBAG type
DB Netz	Strasbourg Port du Rhin / Kehl	14017B Strasbourg Neudorf / Strasbourg Port du Rhin	1028/1104	15,000/25,000 v	BAL
DB Netz	Bantzenheim (Chalampé) / Neuenburg (Baden)	16012 B Bantzenheim / Chalampé Border	1922	15,000/25,000 v	Automatic block managed by establishment instruction
CFF	Saint-Louis / Basel	12044 St Louis / St Louis (Haut Rhin) Border	1305	25.000 v	BAL
CFF	Delle / Boncourt	18003 Belfort / Delle	1925	15.000 v	Telephone block per track circuit CFF type
CFF	Morteau / Le Locle	58118 Morteau / Morteau Border	5035	Non-electrified	CT + CAPI
CFF	Pontarlier / Les Verrières	58190 Pontarlier / Pontarlier Border	not applicable	15.000 v	"Integra" Block
CFF	Les Longevilles-Rochejean / Vallorbe	54032 Frasné / Les Longevilles – Rochejean Border	5112	25.000 v	BAL
CFF	Longeray Léaz (Fort l'Ecluse) / La Plaine	52064 Fort-l'Ecluse-Collonges / Pougny-Chancy Border	5131	25,000v	BAL
CFF	Annemasse / Genève Eaux Vives (Chêne-Bourg)	56069 Annemasse / Ambilly Border	5078	25.000 v	Single track
MC	Vallorcine-le-Buet / Le Châtelard	58096 St Gervais les Bains Le Fayet / Vallorcine	5075	800 v	MZ
RFI	Modane / Bardonecchia	58091 Modane / Modane Border	5133	3,000/1,500 v	BMCV
RFI	Breil sur Roya / Coni (Limone)	58082 Breil sur Roya / Vievola	5925	Non-electrified	Single track B
RFI	Breil sur Roya / Vintimille (Airole)	58081 Breil sur Roya – Breil sur Roya Border	5925	Non-electrified	Single track B
RFI	Menton / Vintimille	52056 Nice Ville / Menton Garavan Border	5200	1,500 v/25,000 v	BAL
ADIF	Cerbère / Port-Bou	54050 Elne / Cerbère Border	5303	1.500 v	BAL
ADIF	La Tour de Carol-Enveitg / Puigcerda	48081 Ax les Thermes / La Tour de Carol Enveitg	4971	1.500 v	BM
ADIF	Hendaye / Irün	44014 Bayonne / Hendaye Border	4109	3,000/1,500 v	BAL
Ligne Figueras-Perpignan	Perpignan-Figueras LGV	58001 Perpignan / Perpignan	5303	1,500 v/25,000 v	BAL/ERTMS
Eurotunnel	Calais-Fréthun / Fréthun-tunnel	23012 Fréthun – Tunnel entrance	2601	25.000 v	TVM on LGV and BAL for links to the conventional network

*section not covered in the order, but lying on the border between France and Belgium

➤ **Interface zones with other French rail network lines**

Contact network	Name of border section	SNCF RÉSEAU basic sections	No. of RT*	Electric traction	Type of block
LISEA	Extreme North – St-Avertin	43005 A St-Pierre-des-Corps – Saint-Avertin	4600	25,000 v	
LISEA	“Monts Sud” Link Line	44007 C Monts / Monts Sud Link Line	4600	25,000 v	
LISEA	“La Celle St Avant” Link Line	44007 E La Celle St Avant Link Line / Port-de-Piles	4600	25,000 v	
LISEA	“Migné-Auxances” Link Line	44072 B Migné-Auxances Link Line / Poitiers	4600	25,000 v	
LISEA	“Fontaine-le-Comte North” Link Line	46051 A St-Benoît / Fontaine-le-Comte North Link Line	4600	25,000 v	
LISEA	“Fontaine-le-Comte South” Link Line	46051 C Fontaine-le-Comte South / Niort	4600	25,000 v	
LISEA	“Juillé” Link Line	44009 C Ruffec / Villognon Link Line	4600	25,000 v	
LISEA	“Villognon” Link Line	44009 D Villognon Link Line / Angoulême	4600	25,000 v	
LISEA	“La Couronne” Link Line	44010 A Angoulême / La Couronne Link Line	4600	25,000 v	
LISEA	Extreme South – Ambarès	42102 B Ambarès LGV Junction / Bassens-Ville	4600	25,000 v	
RATP	RATP/RFN Nanterre Université	31060 A Nanterre Université/ Sartrouville	3907	25,000V (national rail network)	BAL on national rail network
RATP	RATP Chatelet- RFN Gare du Nord Underground	21001 A Paris Nord/Aulnay 21002 A Paris Nord/ Saint-Denis	2901	1,500V (RATP) /25,000V (national rail network)	BAL on national rail network
RATP	RFN Gare de Lyon- RATP Chatelet	51018 B Paris Gare de Lyon/ Chatelet Les Halles	2901	1,500V	BAL on national rail network

➤ **Interface zones with port rail networks**

Contact network	Name of border section	SNCF RÉSEAU basic sections	No. of RT*	Electric traction	Type of block
GPM Le Havre	Maritime Link Line	Bif Port du Havre / Gare maritime	3109	25000 v	BAL on national rail network
GPM Le Havre	Graville Link Line	Gare du Havre / Gare maritime	3109	25000 v	BAL on national rail network
GPM Le Havre	La Brèque Link Line	Bif de la Brèque / Faisceau Alluvionnaire	3109	25000 v	BAL on national rail network
GPM Rouen	Rouen Martainville	38078 Rouen Martainville / Port de Rouen Rive Droite tracks	3033		BAL on national rail network
GPM Rouen	Rouen Orléans	36006 Rouen-Orléans / Couronne (wharf tracks)	3034		BAL on national rail network
GPM Rouen	Rouen Petit Couronne	Rouen Petit Couronne / wharf tracks	3034		BAL on national rail network
GPM Rouen	Bréauté Beuzeville – Gravenchon Port Jérôme	38091 Bréauté Beuzeville – Gravenchon-Port Jérôme	3039	25000 v	BAPR using axle counter on national rail network
GPM Nantes Saint Nazaire	Cormerais Link	35021 Nantes / Savenay	3706	25,000 V	BAL on national rail network
GPM Nantes Saint Nazaire	La Roche Maurice Link Line	35021 Nantes / Savenay	3706	25,000 V	BAL on national rail network
GPM Nantes Saint Nazaire	Chevire Link Line	38030 Nantes / Sainte Pazanne	3706	25,000 V	BAPR
GPM Nantes Saint Nazaire	Montoir-de-Bretagne Link Line	35022 Donges / Saint-Nazaire	3706	25,000 V	BAL on national rail network
GPM Nantes Saint Nazaire	Priory Link (Montoir-de-Bretagne)	35022 Donges / Saint-Nazaire	3706	25,000 V	BAL on national rail network
GPM Nantes Saint Nazaire	Saint-Nazaire Link Line	35022 Donges / Saint Nazaire	3706	25,000 V	BAL on national rail network
GPM Marseille	Viguerat – Graveleau	52094 Fos Viguerat / Aiguille Maleborge Km 19.6	5161	1,500V	BAPR
GPM Marseille	Viguerat – Môle Central	52093 Fos Viguerat / Fos Môle Central	5161	1,500V	CT
GPM La Rochelle	La Rochelle Champs de Mars – La Rochelle La Pallice	46054 A La Rochelle – Ville / La Rochelle Champs de Mars	Specific instruction	25,000 V	
GPM Bordeaux	Le Verdon	48074 Le Verdon / La Pointe de Grave	Specific instruction		

Contact network	Name of border section	SNCF RÉSEAU basic sections	No. of RT*	Electric traction	Type of block
GPM Bordeaux	Bassens Wharf	42110 Bassens Ville / Le Bec d'Ambès	Specific instruction		
GPM Bordeaux	Bassens Wharf	Port de Bordeaux tracks	Specific instruction		
GPM Dunkirk	See reference document Dunkirk port rail network (5 entrances to national rail network)				
Port de Sète	Port de Sète Link Line	52076 Montpellier / Sète	5300	1,500 v	BAL on national rail network
Port de Port-la-Nouvelle	Port de Port-la-Nouvelle Link Line	52079 Narbonne / Perpignan	5303	1500 V	BAL on national rail network
Occitanie Region	Colombiers-Cazouls	52078 Béziers / Narbonne	5300		BAL on national rail network
Port de Gennevilliers (Port de Paris)	Port de Gennevilliers Link Line	21029 St Ouen / Ermont Eaubonne	2004	25kV	BAL
Port de Bonneuil (Port de Paris)	Port de Bonneuil Link Line	16071 Nogent le Perreux- /Sucy-Bonneuil	2400 3000a and b	1,500V	BAL
Port de Limay (Port de Paris)	Port de Limay Link Line	31082 Conflans Ste Honorine / Mantes la Jolie	3103 3000f	25kV	BAL
Port du Rhin (Port Autonome de Strasbourg)	Strasbourg Port du Rhin	14017B Strasbourg Neudorf / Strasbourg Port du Rhin	Specific EIC instruction	25 kV alternate	BAL on national rail network

* RT: Technical information (see § 2.4.2.1 of the main document)