

Network Statement 2023

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(including the earlier handling of capacity requests for that period).

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Version	Date	Supplement	Subject of the changes
0.5	27 August 2021		Draft Network Statement 2023
1.0	10 December 2021		Definitive Network Statement, initial issue
1.1	6 April 2022`	1	Framework for allocation of infrastructure capacity for freight corridors, estimate of capacity requirement, new ancillary service NEO Simulation, replacement ISVL-Buta, change to description of the publication Temporary Speed Restrictions, change to description of the application Routelint, change to description of the application ORBIT, prioritisation criteria capacity distribution Kijfhoek, adjusted threshold value in the event of hot signal by Hotbox detection
1.2	30 June 2022	2	Ancillary service "ProRail ERTMS Integration Lab (PREI)", indexation of fees, text amendment ERTMS operation processes, new version 'PRC331 manual for the provision of WLIS load specifications', emergency and plannable repairs, change to category 2 service Kijfhoek, new procedure for requesting and using the Time Space Slots Terminal 60, 70 and 80 on the main siding line Theemsweg/Merseyweg (Botlek), General Terms & Conditions 2023, change to description of publication Provision of GeoData, description of the application FRISO (Flexible Rail Infrastructure Simulation Environment)
1.3	19 April 2023	3	Merger of RailDocs and Rail Data information portal into Rail Information Portal, user restrictions due to shortened braking distances, new "Mijn Treinen" ICT service available in 2023, the Order portal, Capacity requests and Planning and performance information (according to TAF/TAP TSI standard) applications are also available to titleholders other than railway undertakings, minor changes to the description of some ICT and information services, the Wegkennisbank (Network Database) ICT service of NedTrain B.V. included in the Network Statement 2023, lifting of user restrictions Overkapping Barendrecht, BODI not available in 2024

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Glossary

Included in Appendix 2 is a glossary explaining the specific terminology and abbreviations used in this Network Statement.

The [RailNetEurope website](#) offers an extensive glossary in English of terms relevant to the Network Statement. Please note the disclaimer to the glossary, which stresses that the definitions are intended exclusively for informative purposes.

1 General information

1.1 Introduction

This Network Statement has been drawn up by ProRail¹, the manager of the main railway network in the Netherlands. ProRail is a private company under Dutch law. The sole shareholder is the State of the Netherlands (through Railinfratrust BV).²

Management by ProRail³ relates to the following activities⁴:

- the maintenance of the main railway network;
- the preparation and performance of the expansion of the main railway network;
- the fair, non-discriminatory and transparent allocation of capacity of the main railway network;
- control of the traffic on the main railway network;

in accordance with the provisions of the Management Concession 2015 - 2025. ProRail also carries out work for third parties, which is linked to the aforementioned management tasks or to mobility issues in the broader sense of the word.

ProRail has a safety management system and a valid safety authorisation for the safe management of the main railway network.⁵

Railinfratrust is the owner of the closed distribution system for electric tractive power on the tracks of the main railway network fitted out with overhead contact lines, and is as manager of this private network under the conditions of an exemption⁶ granted by the ACM, the Consumer & Market Authority.⁷ ProRail, acting on behalf of Railinfratrust, performs all the management tasks regarding this private network.

ProRail endeavours each year to further improve the contents and the presentation of the Network Statement. Suggestions for improvements or additions to the Network Statement are thus greatly appreciated.

1.2 Objective

The purpose of the network statement is to inform titleholders⁸ about the nature and conditions of access and use of the main railway infrastructure structure, including the allocation of capacity. The Network Statement informs titleholders about the services and facilities ProRail can offer including availability, rates and conditions for these services and facilities.

¹ ProRail BV, listed in the trade register of the Chamber of Commerce for Utrecht, under number 30124359.

² The coalition agreement 'Trust in the Future' (2017-2021) sets out the intention to transform ProRail B.V. into a nondepartmental public body. This transformation will be implemented by means of an amendment to the Railways Act which will set out the tasks of ProRail. To the extent necessary, ProRail will amend the Network Statement after the entry into force of the Railways Act. See also section 5.8.2.3.

³ ProRail is charged with the management of the Netherlands railways as described in the [management concession](#), within the meaning of Section 16 Railways Act, granted by the Minister of Infrastructure and the Environment.

⁴ This work results from Article 2(2) Management Concession 2015 - 2025.

⁵ Section 16f Railways Act.

⁶ Reference ACM/DE/2014/202129 dated 23 April 2014.

⁷ As referred to in the Electricity Act 1998.

⁸ In this Network Statement, 'titleholders' are defined as: all those who, in accordance with the Railways Act, can conclude an access agreement with ProRail; see Section 57 Railways Act.

The Network Statement also contains information on the conditions applicable to access to service facilities that are connected to the railway network managed by ProRail and the services provided by those facilities, or reference to the website on which this information can be found.

1.3 Legal aspects

1.3.1 Legal framework

Provided in Table 1.1 is the legal framework of the most important national laws and underlying decrees and regulations regarding access to and use of the main railway network. Also applicable are the directly applicable [European Regulations](#) and the Technical Specifications on Interoperability based thereon, as well as the [COTIF](#) for international rail transport.

Table 1.1 List of laws and regulations

Subject	Laws and regulations
Railways	Railways Act Railways Allocation Decree Main Railways (Environmental Regime) Regulations Railway Interoperability and Safety Regulation
Railway undertakings	Operating Licence Decree and a number of exemptions from the main railways safety certificate
Infrastructure	Railway Capacity Allocation Decree Network Infrastructure Regulations
Traffic	Rail Traffic Decree Rail Traffic Regulations
Personnel	Railway Personnel Decree 2011 Railway Personnel Regulations 2011
Railway vehicles	Railway Vehicles Service Regulations 2020
Capacity and use	Railway Capacity Allocation Decree
Charges	Implementation Directive 2012/34/EU on establishing a single European railway area HSL Levy Decree 2015
Dangerous goods	Carriage of Dangerous Goods Act Decree on the Carriage of Dangerous Goods Regulation for the carriage of dangerous goods by rail
Environment	Environmental Law (General Conditions) Act Environmental Management Act Environmental Management (Activities Decree) Act Rail Traffic Noise Calculation & Measurement Regulations 2012

1.3.2 Legal status and liability

1.3.2.1 General comments

The Network Statement 2023 is a network statement within the meaning of Section 58 Railways Act, and Article 27 of Directive 2012/34/EU and is based on the regulations in force on 1 November 2021.

The following structure is applied:

- Provisions with regard to subjects about which ProRail wishes to reach agreement with titleholders before the titleholders make use of the infrastructure (with relevant proposals). These provisions can be found under the heading 'Regulation to be agreed upon' (blue typeface) and between ►blue triangles◀. These regulations solely give rise to obligations once parties enter into the Access Agreement.
- Provisions about the rules of procedure that apply to all titleholders. These rules of procedure can be found under the heading 'Rules of procedure' (green typeface) and between ►green triangles◀. ProRail has established the rules of procedure with a view to the non-discriminatory treatment of all titleholders, following consultation of the titleholders and with due consideration for their opinions. The rules of procedure are not individually negotiable and can only be changed by means of a supplement to the Network Statement. A request for capacity brings the rules of procedure into play.

1.3.2.2 Liability

ProRail accepts no liability whatsoever for loss or damage ensuing from apparent mistakes or printing errors contained in the Network Statement 2023. ProRail's liability for the information contained in the Network Statement about service facilities and services offered by parties other than ProRail is limited to the correct representation of the data made available to ProRail by these parties. Also, ProRail accepts no liability for the content of third-party pages linked to in the Network Statement.

In the event of differences between the Dutch and English versions of this Network Statement, the Dutch version is binding.

1.3.3 Complaints, disputes and conflict resolution.

Disputes regarding the capacity allocation will be processed by ProRail on the basis of the Regulations on Capacity Allocation Disputes (section 4.5.5). Complaints and disputes about other services offered by or agreed with ProRail, or about the Network Statement 2023 as released by ProRail are processed in accordance with the General Regulations on the Settlement of Complaints and Disputes as included in the Network Statement (Appendix 4). The contact particulars are:

<i>organisation:</i>	ProRail Capacity Management Account Management Department	
<i>postal address:</i>	P.O. Box 2038 3500 GA Utrecht	
<i>office address:</i>	Moreelsepark 3 3511 EP Utrecht	
<i>telephone:</i>	+31 (0) 88 231 5555	
<i>email:</i>	accountmanagement@prorail.nl	
<i>website:</i>	www.prorail.nl	

⁹ Directive 2012/34/EU of the European Parliament and of the Council of 21 November 2012 establishing a single European railway area, *OJEU* 2012, L 343.

A party to the Access Agreement that is of the opinion that the other party to the agreement does not (properly) fulfil the performance scheme and that its complaint should be handled with urgency, can invoke application of the 'Performance scheme complaints procedure' (see section 5.7.3).

Complaints about (rates of the) charges and the principles thereof and the criteria and rules for capacity allocation published in Network Statement 2023 can be submitted to the Netherlands Authority for Consumers & Markets (ACM) until six weeks after the date of the Government Gazette announcing the adoption of the Network Statement 2023 or an amendment to (parts of) the Network Statement.¹⁰

Complaints and disputes about the access to service facilities offered by or agreed with ProRail as referred to in Directive 2012/34/EU, Annex II, section 2(a), or the delivery of services at the service facilities can, at the election of the parties, also be submitted and handled in accordance with the Regulations on the Settlement of Station Portfolio Complaints and disputes as included in the Network Statement (Appendix 4, item 2).

Titleholders who have entered into an Access Agreement are entitled to request in writing a decision from the ACM regarding the conduct of ProRail, also if the General Regulations on the Settlement of Complaints and Disputes are applicable.¹¹ The complaints procedure is described on the [ACM website](#). The contact particulars of the ACM are stated in section 3.2.2.

1.4 Structure of the Network Statement

The Network Statement is drawn up according to the '*Network Statement Common Structure*' of RailNetEurope (see section 1.7.2). This common structure ensures that globally equivalent information can be found in the same place in the Network Statement of the member countries. RailNetEurope made significant changes to the Common Structure in December 2019. The new structure, which can be found on the [RailNetEurope website](#), is applied for the first time in the Network Statement 2022. Some minor adjustments have been made in the Network Statement 2023.

For detailed and up-to-date information, this Network Statement refers, among other things, to [www.prorail.nl](#) and the [ProRail Logistics Portal](#). Titleholders can on request gain access to the Logistics Portal (for contact particulars, see section 1.6 or go to the [ProRail website](#)).

1.5 Validity and amendments and publication

1.5.1 Period of validity

The Network Statement 2023 applies to:

- Access to and use of the railway infrastructure and service facilities with accompanying services during the 2023 timetable.
- the processing of capacity requests for the 2023 timetable; even if the processing takes place before the start of the 2023 timetable.

The 2023 timetable starts at 00:00 hours on Sunday 11 December 2022 and ends at 24:00 hours on Saturday 9 December 2023. These dates are in accordance with Directive 2012/34/EU, Annex VII. Information in the Network Statement 2023 that relates to the period after 9 December 2023 is indicative only.

¹⁰ Section 58(5) Railways Act.

¹¹ Section 71(1) Railways Act.

1.5.2 Additions and amendments

Circumstances after the publication of this Network Statement may give rise to additions or amendments to the Network Statement. ProRail will publish a supplement to the Network Statement 2023 if necessary.

ProRail's Logistics Portal contains documents referred to in the Network Statement via links. It is possible to receive a notification as soon as a new or modified document is placed on the Logistics Portal. For further information about notifications, see [the user manual](#) ('Gebruikershandleiding').

1.5.3 Publication

ProRail has drawn up the Network Statement 2023 following consultation with the titleholders involved (see Appendix 3). An email with a hyperlink to the Network Statement 2023 on ProRail's website has been sent to:

- titleholders who have concluded an Access Agreement with ProRail in the 2021 timetable;
- all administrative bodies authorised to grant concessions for passenger transport by train,
- the ACM (Consumer & Market Authority).

Supplements to the Network Statement 2023 are distributed by email among:

- titleholders who at the time of this supplement have concluded an Access Agreement with ProRail;
- the ACM (Consumer & Market Authority).

The most recent version of the Network Statement 2022 and the released supplements thereto are available in both Dutch and English on the [ProRail website](#). Publication of the Network Statement 2023 and supplements thereto are announced in the Netherlands Government Gazette.

The content of the English version of ProRail's Network Statement 2023 is also available via the [Network and Corridor Information \(NCI\) portal](#).

1.6 Contact address for further information

ProRail will, on request, provide railway undertakings and other titleholders with further information on topics mentioned in the Network Statement 2023. Please contact:

<i>organisation:</i>	ProRail Capacity Management Capacity Allocation Department	
<i>postal address:</i>	P.O. Box 2038 3500 GA Utrecht	
<i>office address:</i>	Moreelsepark 3 3511 EP Utrecht	
<i>email:</i>	netverklaring@prorail.nl	
<i>website:</i>	www.prorail.nl	

ProRail will inform railway undertakings about relevant developments initiated by ProRail regarding the access to and use of the railway infrastructure and/or the related services offered by ProRail. Communication will take place through the existing (thematic) consultation tables or through other jointly established thematic consultations. Customisation per segment is possible for reasons of effectiveness and efficiency.

In case of relevant developments regarding access to and use of the railway infrastructure initiated by third parties, ProRail will, so far as familiar with those developments, urge those third parties to share such information with the railway undertakings. ProRail will, with the consent of the third party, share (process) information on those developments with the railway undertakings.

1.7 International cooperation by infrastructure managers

1.7.1 Rail freight corridors

The Regulation (EU) on the European rail network for competitive freight transport came into force on 9 November 2010. This Regulation obliges Member States to set up international market-oriented freight corridors (*RFC, Rail Freight Corridor*) in order to achieve the following objectives:¹²


- Strengthening cooperation between the infrastructure managers on issues such as capacity allocation of train paths, introduction of interoperable systems and railway infrastructure development.
- Finding a good balance between freight and passenger trains along the Rail Freight Corridors, achieving adequate capacity for freight transport, in line with market needs, while also meeting punctuality requirements.
- Promoting intermodality between rail and other transport modes by integrating the terminals into the corridor management process.

The table below shows the corridors with route sections in the Netherlands. The choice of routes is made by the relevant Ministries of Transport and lies outside the responsibility of the infrastructure managers.


Table 1.2 International freight corridors with route sections in the Netherlands


Corridor	Main route of the international freight corridor	Main route in the Netherlands
Rhine – Alpine	Zeebrugge – Antwerp / Amsterdam / Vlissingen / Rotterdam – Duisburg – [Basel] – Milan – Genoa	Maasvlakte – Kijfhoek / Amsterdam Westhaven / Amsterdam Houtrakpolder / Vlissingen Sloe > Meteren – Zevenaar (border)
North Sea – Mediterranean	Dunkirk / Rijsel / Liege / Paris / Amsterdam – Rotterdam – Zeebrugge / Antwerp – Luxembourg – Metz – Dijon – Lyon / Basel – Marseille	Maasvlakte/Amsterdam – Kijfhoek – Roosendaal (border)
North Sea – Baltic	Wilhelmshaven / Bremerhaven / Hamburg / Amsterdam / Rotterdam / Ghent / Antwerp – Aachen / Prague / Berlin – Warsaw – Terespol (Polish – Belarusian border) / Kaunas – Riga - Tallinn	Maasvlakte – Kijfhoek – Meteren – Zevenaar (border) Amsterdam Westhaven / Amsterdam Houtrakpolder > Amersfoort – Oldenzaal (border) Roosendaal (border) – 's Hertogenbosch – Utrecht – Amersfoort – Oldenzaal (border).

For more information on all routes belonging to the corridors, see the [Infrastructure Register \(RINF\)](#), which is published by the European Union Railway Agency (ERA). The contact particulars of the corridor organisations are:

<p>organisation: EEIG Corridor Rhine – Alpine EWIV</p> <p>office address: Adam-Riese-Straße 11-13</p> <p>address: 60327 Frankfurt am Main</p> <p>Germany</p> <p>telephone: +49 69 265 4544 1</p> <p>email: info@corridor-rhine-alpine.eu</p> <p>website: www.corridor-rhine-alpine.eu</p>	
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¹² Regulation 913/2010/EU of the European Parliament and of the Council of 22 September 2010 concerning a European rail network for competitive freight.

<p><i>organisation:</i> EEIG Rail Freight Corridor North Sea Mediterranean</p> <p><i>office address:</i> 9, place de la Gare L-1616 Luxembourg Luxembourg</p> <p><i>email:</i> info@rfc2.eu</p> <p><i>website:</i> www.rfc-northsea-med.eu</p>	
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<p><i>organisation:</i> EEIG 'North Sea – Baltic Rail Freight Corridor' EZIG</p> <p><i>office address:</i> 74 Targowa Street 03-734 Warsaw Poland</p> <p><i>telephone:</i> +48 22 47 32 320</p> <p><i>email:</i> info@rfc8.eu</p> <p><i>website:</i> www.rfc8.eu</p>	
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For further regulations on international rail freight corridors, see also sections 4.2.2, 4.2.3 and 4.5.4.

1.7.2 RailNetEurope and other international partnerships

1.7.2.1 RailNetEurope

ProRail is a member of RailNetEurope (RNE), an umbrella organisation of European infrastructure managers and capacity allocating authorities. RNE facilitates international rail operations by developing harmonised international operating processes in the form of templates, manuals, guidelines and IT tools. More information about RNE is available on the RNE website, see contact details below.

<p><i>organisation:</i> RailNetEurope Joint Office</p> <p><i>office address:</i> Ölzeltgasse 3 1030 Vienna Austria</p> <p><i>email:</i> mailbox@rne.eu</p> <p><i>website:</i> www.rfc8.eu</p>	
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1.7.2.2 Other international partnerships

ProRail is an active member of the organisation of [European Rail Infrastructure Managers \(EIM\)](#). EIM is an interest group for European infrastructure managers. In addition, ProRail is an active member of [PRIME](#), of which it is one of the founders. PRIME is a platform bringing together European infrastructure managers and the European Commission.

ProRail is active within Shift2Rail as a member of the EUROCC consortium. Shift2Rail is a European initiative that focuses on research and development in the rail sector in order to strengthen the competitive position of rail transport. Finally, ProRail is also a member of the regional board of [UIC](#) (the international railway union) and participates in various working groups and projects. For international cooperation in the field of capacity allocation process, see section 4.9.1 and, at operational level, Chapter 6 Operations.

2 Railway infrastructure

2.1 Introduction


This chapter contains a description of the functional and technical characteristics of the main railways and accompanying infrastructure managed by ProRail. The [Infrastructure Register \(RINF\)](#) as referred to in Section 16g Railways Act contains the network parameters of the main railway network.

This chapter discusses the characteristics of the railway network. Sections 2.3.4 to 2.3.9 deal with the user parameters of the railway network. This concerns the following six parameters:

1. Loading gauge
2. Axle load and ton metre weight
3. Gradient
4. Speed
5. Train length
6. Power supply

Use outside the limit values of the the above parameters is permitted only under agreed regulations for Exceptional Transport as defined in section 4.7.

The Network Statement provides user information on those aspects of the railway network that are of fundamental importance in terms of interoperability. In practice, there is often a need for more detailed information. The [Logistics Portal](#) provides an overview of the information that can be requested. Additional information about the (possibilities for use of the) railway network, safety systems and geographical information can be requested from ProRail via the following contact address:

<i>organisation:</i>	ProRail, Capacity Management Infrastructure Development Department	
<i>postal address:</i>	P.O. Box 2038 3500 GA Utrecht	
<i>office address:</i>	Moreelsepark 3 3511 EP Utrecht	
<i>email:</i>	gebruikswaardeinfo@prorail.nl	

Titleholders can also request access to various applications via the [ProRail website](#) where specific information can be found, such as Infra Atlas or the [Logistics Portal](#). The [RailMaps](#) application also contains a great deal of information, for example about the angle ratios of points and the presence of overhead lines on individual tracks.

2.2 Extent of network

The area under the management of ProRail is defined by means of:

- An overview of the main railways managed by ProRail, including the associated infrastructural elements and facilities and the railways that have fallen into disuse.
- A specification of the connected railways that fall outside the management of ProRail.

2.2.1 Railway network managed by ProRail

Appendix 1 shows the railways¹³ managed by ProRail. This appendix also includes a table with the railways¹⁴ designated as part of the main railway network that link up with the sidings in port and industrial areas.

ProRail manages:

- The railways designated as main railways by the Railways Allocation Decree, the management of which has been assigned by concession to ProRail.
- The infrastructural elements¹⁵ that constitute part of the main railways and which are designated as railway infrastructure, including the transfer facilities in stations.
- A number of other infrastructural facilities that are related to the traffic on the main railway network and are managed by ProRail, such as diesel refuelling facilities.
- A number of decommissioned tracks, not designated part of the main railways, see Appendix 11.

The boundaries of the area managed by ProRail are shown in RailMaps, see section 2.3.

Decommissioned railways

ProRail manages a number of decommissioned railways (see Appendix 11). These railways are railways within the meaning of Section 2(3) Special Railways Decree, which means that rail traffic is not possible over these decommissioned railways. Any reactivation of decommissioned railways will be announced by means of a supplement to the Network Statement and, in that case, rail traffic over a reactivated railway will first be possible after inclusion of that railway in the Railways Allocation Decree.

2.2.2 Connected railway networks outside the management of ProRail

For the purposes of cross-border traffic, the main railway network is linked to the railways in neighbouring countries at the [border crossings](#) below.

- With the railway network in Belgium managed by Infrabel, at the border crossings:
 - Sas van Gent – Zelzate
 - Roosendaal – Essen
 - Hazeldonk
 - Budel – Neerpelt
 - Maastricht – Lanaken¹⁶
 - Eijsden – Visé
- With the railway network in Germany managed by DB Netz AG, at the border crossings:
 - Nieuweschans – Weener¹⁷
 - Oldenzaal – Bad Bentheim
 - Enschede – Gronau¹⁸
 - Zevenaar – Emmerich
 - Venlo – Kaldenkirchen
 - Haanrade – Herzogenrath

For the purposes of transfer traffic, furthermore, the main railway network is connected at the following places with railway lines in the Netherlands managed by other parties: Veendam, Coevorden, Apeldoorn Zuid, Dieren, Kerkrade Centrum, Schin op Geul, Hoorn, Goes and Schiedam.

Various industrial and transshipment companies have sidings connecting them to the main railway network managed by ProRail. These sidings fall outside the management of ProRail (see Appendix

¹³ The railways as stated in Annex 1 and Annex 2(a) Railways Allocation Decree.

¹⁴ The railways as stated in Annex 2(b) Railways Allocation Decree.

¹⁵ See Annex I to Directive 2012/34/EU.

¹⁶ The Maastricht-Lanaken railway line is currently still owned and operated by ProRail, but it is out of service and no train traffic takes place.

¹⁷ During the period of validity of this Network Statement, no through traffic after Weener is possible via the Nieuweschans – Weener railway line owing to a defective railway bridge.

¹⁸ The Enschede - Gronau railway line is not connected at Enschede to the main railway network in the Netherlands and does not provide a connection for through traffic to/from the German railway network.

11). Information on the possible use and applicable conditions is available from the companies connected to these tracks.

2.3 Infrastructure description

This section describes the characteristics of the railway infrastructure that are relevant to traffic use. Detailed information on these characteristics of the railway infrastructure can be found, inter alia, in:

- The [Infrastructure Register \(RINF\)](#). This register referred to in Section 26bb Railways Act contains the values of the network parameters of the railway infrastructure.
- The 'RailMaps' application, which contains the identification characteristics of tracks (letters/numbers), signals, points and other facilities and the kilometre marking(s) per route section. For a description, see item 1 of Appendix 23.
- Delivery of customised railway infrastructure data via Infra-Atlas, for a description, see item 2 of Appendix 23.
- The publication Traction Signs (WVK), for a description, see item 4 of Appendix 23.
- The publication Temporary Speed Restrictions (TSB), for a description, see item 5 of Appendix 23.

Information about the railway infrastructure can also be searched or requested via www.spoordata.nl and via gebruikswaardeinfo@prorail.nl.

2.3.1 Route sections

An overview of the network configuration, single-track, double-track and multi-track sections distances between nodes (selection) can be found in Appendix 1. For information about the effective track length of arrival, departure, stabling and overtaking tracks: see the [ProRail Logistics Portal](#).

2.3.2 Track geometry

Track gauge: the nominal rail gauge throughout the entire network is 1,435 mm, in accordance with EN 13848-1 (minimum 1,430 mm, maximum 1,450 mm).

2.3.3 Stations and nodes

Network nodes and the names of several important stations and nodes can be found in Appendix 1.

2.3.4 Loading gauge

The coding of loading gauges in this section complies with EN 15273.

Railway vehicles (including load), the loading gauge of which complies with G192 are permitted on the entire railway network managed by ProRail.

Railway vehicles (including load), the loading gauge of which complies with G20C are permitted on the route sections designated in Appendix 12 as GC or NL-2.

Railway vehicles (including load), the loading gauge of which complies with NL-211 are permitted on the route sections designated in Appendix 12 as NL-1 or NL-2.

Railway vehicles (including load), the loading gauge of which complies with NL-222 are permitted on the route sections designated in Appendix 12 as NL-2.

Railway vehicles (including load) with a loading gauge that does not fit within the applicable loading gauge for that route section is designated as Exceptional Transport, see section 3.4.3 and section 4.7. This is in any event applicable if a load is in the so-called Red Measuring Area, see Appendix 12.

¹⁹ Section 6 [Railway Vehicles Service Regulations 2020](#).

²⁰ Section 6 [Railway Vehicles Service Regulations 2020](#).

²¹ Section 6 [Railway Vehicles Service Regulations 2020](#).

²² Section 6 [Railway Vehicles Service Regulations 2020](#).

Vehicles used on border route sections must also comply with the vehicle gauge requirements of the neighbouring railway network.

2.3.5 Axle loads and load per unit of length

The coding of loading classes in this section complies with NEN-EN 15528. Loading Class C2 is permitted throughout the network. In deviation from this, it is possible under certain conditions to operate a train with a higher loading class than C2 at a higher speed than that specified in the [Infrastructure Register \(RINF\)](#) at certain locations (see bullets below). In any case, the conditions apply that the deviating axle load will never exceeds 22.5 tons (except for the Betuweroute) and that the maximum speed is the route section speed. Additionally, the vehicle load may not exceed the maximum permissible load specified for that railway vehicle.²³ In accordance with the TSI Infrastructure²⁴, a distinction is made between freight transport (F) and passenger transport (P):

- Freight transport (F)
Large sections of the network, including all route sections forming part of the rail freight corridors, can accommodate a higher loading class than C2 subject to the conditions of Exceptional Transport (see section 4.7 and Appendix 13). Insofar as use is made of regular routes, these conditions only concern compliance with local speed restrictions. For light locomotives, the provisions under passenger transport (P) for running at higher speed of a vehicle with a loading class higher than C2 apply.
- Passenger transport (P)
On parts of the network, an axle load deviating from loading class C2 is permitted for passenger railway vehicles under specific conditions and compatibility with the route has already been checked. The route sections, railway vehicle types and specific conditions are listed in an annex to the [Infrastructure Register \(RINF\)](#) and may vary according to the route section and type and deployment of railway vehicles.²⁵

If the deviating axle loads result in malfunctions, excessive wear or damage to the infrastructure or if the conditions are not met, ProRail may issue instructions.²⁶

2.3.6 Gradient

- The gradient of stabling tracks does not exceed 1:1000.
- The gradient of other tracks shall in principle not exceed 1:200; in the case of steeper gradients, signalling will help to prevent heavy trains from coming to a standstill on such gradients.

2.3.7 Speed

The permissible line speed is the highest speed allowed on a route section or a part thereof. The line speed is shown in the [Infrastructure Register \(RINF\)](#). For freight transport, Appendix 13 also shows the line speeds. For further details, the publication Traction Signs (WVK) as described in Appendix 23 item 4 can be consulted. See also section 2.3.13.1 for speeds on the sections Amsterdam Duivendrecht - Utrecht and Lelystad Lelystad Opstelsterrein Aansluiting - Hattermerbroek Aansluiting under the ERTMS automatic train control system.

²³ Section 17(2) Rail Traffic Decree.

²⁴ Commission Regulation (EU) No 1299/2014 of 18 November 2014 on the technical specifications for interoperability relating to the 'infrastructure' subsystem of the rail system in the European Union, *OJEU* 2015, L 356/1.

²⁵ On the basis of Section 26p(c) Railways Act in conjunction with Section 23 [Railway Vehicles Service Regulations 2020](#) in conjunction with Section 4.2.2.5 and Annex D1 OPE TSI 2019/773 (note 3), a list of route compatible vehicle types whose compatibility has already been checked will be included in the Infrastructure Register.

²⁶ Article 16 General Terms and Conditions of the Access Agreement.

2.3.8 Train length

- The maximum train length (including locomotive) is 740m for freight trains and 400m (excluding a tolerance of 1%) for high-speed passenger trains. In international traffic, route-specific length restrictions also apply. Information on this can be found in the Border Route Agreements (BRAs), which can be found on the [ProRail Logistics Portal](#).
- The train length shall in all cases be less than the effective length of the departure, overtaking and arrival tracks present at each station for which the train is scheduled according to the timetable. The length of passenger trains shall be attuned to the effective length of the platforms at which the train will stop according to the timetable (Appendix 19). A detailed list of the effective track and platform length per railway yard is available for consultation on the [ProRail Logistics Portal](#). In case of a scheduled rerouting, the length restrictions according to the timetable for that route apply.
- Based on the restrictions in Germany, ProRail and DB Netz have determined the following maximum train lengths (including locomotives) for freight trains at the border crossings:
 - Oldenzaal – Bad Bentheim: maximum 590m
 - Zevenaar – Emmerich: maximum 690m
 - Venlo – Kaldenkirchen: maximum 650m
- Deviations from the limit value of 650m on the Dutch side of the Venlo - Kaldenkirchen border crossing are permitted if the 'Preconditions for long trains via Venlo', which can be found on the [ProRail Logistics Portal](#), are complied with.
- Freight trains to and from Germany which do not use the pre-arranged paths on the freight corridors and which are longer than the above limit values (with a maximum of 740m) can only be used with the consent of DB Netz. ProRail is responsible for the coordination with DB Netz. For more information on this process, see sections 4.5.4.1 (Offer of pre-arranged train paths) and 4.5.4.2 (Reservation of capacity).

2.3.9 Power supply

Provided in Appendix 17 is the following information:

- The route sections fitted out with an overhead line for tractive power supply.
- The overhead line voltage²⁷ is limited to 4,000 Amps²⁸ or the applicable limitation in the maximum current per route section.
- The voltage changeover gates at transition points to other contact line voltages.

Overhead lines

- The standard height of the overhead line in relation to the top edge of the rail is +5.50m. A different height may apply at the location of structural works, although the overhead contact line remains beyond the loading gauge locally applicable.
- The distance between the front of the train and the rearmost raised current collector of that same train may not exceed 400m, in connection with the placement of signals at air-gap overlap span.

Regulation to be agreed upon

- ▶ ProRail wishes to receive data from the railway undertaking per type of electric railway vehicle as described in item 2.2 of Appendix 8. ◀

2.3.10 Signalling systems

The main railway network is fitted with signalling systems, safety and communication system for the safe and controlled handling of rail traffic. All route sections and tracks that are designed for speeds >40 km/h are equipped with a signalling system that monitors the relationship between the position of points, track occupation and signalling. Additional safety systems use automatic train control to monitor the maximum speed and correct signal performance. Regulations for the use of locally

²⁷ In accordance with NEN-EN 50163 and NEN-EN 50388:2012, section 8.3 Values for *U mean useful* at the pantograph, table 3.

²⁸ In accordance with NEN-EN 50163 and NEN-EN 50388:2012, section 7.1 Maximum Train Current, Annex F, table F.1

controlled route sections are available on the [ProRail Logistics Portal](#). The driving instructions are available via the [Rail Information Portal](#) application. The table below outlines the signalling system present on each route section.

Table 2.1 Type of signalling system per route section.

Route section	Applicable signalling system
Hoofddorp – Rotterdam Centraal (forming part of the HSL-Zuid)	Single signalling system ERTMS Level 2 version 2.3.0 corridor with cabin signalling via ETCS.
Rotterdam Lombardijen – Hazeldonk Grens (forming part of the HSL-Zuid)	The fall-back signalling system is ERTMS Level 1.
Maasvlakte – Barendrecht Vork (forming part of the Betuweroute)	Single signalling system ERTMS Level 1 version 2.3.0.d. Light signalling system.
Barendrecht Vork – Kijfhoek Zuid (forming part of the Betuweroute)	Dual signalling: – ERTMS Level 1 versie 2.3.0.d. – ATBEG and light signalling system. Trains equipped with only ATB, and trains with ERTMS/ETCS can run simultaneously.
Kijfhoek-Zuid – Zevenaar Betuweroute Aansluiting (forming part of the Betuweroute)	Single signalling system ERTMS Level 2 version 2.3.0.d with cabin signalling via ETCS.
Zevenaar-Oost – Zevenaar border	Single signalling system ERTMS Level 2 version 2.3.0.d with cabin signalling via ETCS.
Amsterdam Duivendrecht – Utrecht (Amsterdam-Utrecht)	Dual signalling: – ERTMS Level 2 version 2.3.0.d with cabin signalling via ETCS.
Lelystad Opstel terrein Aansluiting – Hattemberbroek Aansluiting (Hanzelijn)	– Light signals, supported by cabin signalling via ATBEG.
Enschede – Enschede border	Local operation of signals by train personnel using an infrared remote control system.
Zevenaar – Winterswijk (Wehl)	
Groningen - Leeuwarden (the infrared remote control has been removed at all stations except Leeuwarden)	
Other route sections	Light signals, supported by cabin signalling via ATBEG, ATBNG or ETCS.

Detailed information on the existing signalling systems can be found in the [Infrastructure Register \(RINF\)](#).

2.3.11 Traffic control systems

Traffic control support systems are fed with train composition data as entered into the timetable planning systems. The conditions for the use of these systems by railway undertakings shall be further agreed (see section 5.1 and section 5.5).

The applications and publications fed with train composition data are listed in the table below and then briefly described. The third column of this table provides a reference for a detailed explanation.

Table 2.2 Traffic control systems

Name	Function	For further information, see
WLIS	Registration of train composition data and the position and load of freight wagons on railway yards.	Appendix 23 - 17
SpoorWeb	Communication in case of disasters.	Appendix 23 - 18
Real-time information on train movements (VIEW)	Real-time information on train movements.	Appendix 23 - 19

Name	Function	For further information, see
Planning and performance information (according to NL standard)	Supply of real-time traffic plan data, related changes to the train service and performance information.	Appendix 23 - 20
Capacity requests and planning & performance information (according to TSI TAF/TAP standard)	The submission of capacity requests for train paths, the sending of offers of train paths, the changing of train paths and cancellation of train paths, border alignment and the changing and cancellation of train paths by ProRail based on the TAF/TAP TSI messages and the provision of planning & implementation information based on the TAF/TAP TSI messages.	Appendix 23 - 21
Real-time information on train movements (MeekijkVOS)	View functionality in the VOS traffic control system, making it possible to monitor the course of train services.	Appendix 23 - 22
TIS	Real-time information on movements of international passenger trains and national and international freight trains.	Appendix 23 - 23
RouteLint	Real-time information for the driver on the traffic situation on his route.	Appendix 23 - 24
ORBIT	Gives the driver a warning when approaching a red signal at too high a speed.	Appendix 23 - 25
Provision of Railway Vehicle and Train Position Service (MTPS)	The provision of real-time data on train positions on the basis of train detection systems.	Appendix 23 - 26

2.3.12 Communication systems

The railways managed by ProRail are fitted out with GSM-R, an internationally standardised digital radio-communication system. GSM-R is suitable for data communication between ETCS systems and voice communication between the driver and traffic control (see the GSM-R Voice Rail Safety in item 14 of Appendix 23 and the GSM-R Walkie-Talkies service in item 15 of Appendix 23).

2.3.13 Safety systems

2.3.13.1 Automatic train control systems

- Type of automatic train control (ATC) system per route section: see Appendix 14.
The (Belgian) ATC system Memor/krokodil is installed between the national border and the start/end of the ATBEG system covered area on the border route sections Roosendaal – Roosendaal Grens and Maastricht-Eijsden Grens.
The German PZB/Indusi ATC system has been installed at a number of signals at the Venlo railway yard, the border route section Venlo – Venlo Grens, and the border route section Enschede – Enschede Grens.
- Railway vehicles shall at all times be compatible with the train detection systems installed on the route sections on which the vehicles are run.
- Both ATBEG and an ERTMS automatic train control system are present on the route sections Amsterdam Duivendrecht – Utrecht and Lelystad Opstelsterrein Aansluiting – Hattemberbroek Aansluiting. Locomotives fitted with ATBEG system and/or compatible ERTMS train equipment can use this route section. The ERTMS automatic train control system permits suitable and approved railway vehicles to run at the speeds indicated below.
 - Amsterdam – Utrecht: 160 km/h, except along the platforms, where it is 140 km/h;
 - Lelystad Opstelsterrein Aansluiting – Hattemberbroek Aansluiting: 160 km/h via temporary speed limits (TSB) except along the platforms, where it is 140 km/h.
 Railway vehicles fitted with ETCS can run on this route section with ATBEG system without requiring ERTMS communication encryption keys.

- The shunting hump in Kijfhoek is fitted with an automated hump process control system. Locomotives used for shunting via this hump must be fitted with equipment for communication with and control by the hump process control system.
- The ATC system (both ATBEG and ATBNG) monitors the instruction to reduce speed to the limit indicated by the signalling system. At selected locations, the system has an extra function ('ATC-Vv') that provides for braking curve monitoring in the speed range between 0 and 40 km/h. ATC-Vv only works on railway vehicles fitted with the ATC-Vv functionality.
- An ETCS level transition STM-ATC <> STM-PZB is present on the border route sections:
 - Nieuweschans – Weener (D)
 - Coevorden – Laarwald (D)
 - Oldenzaal – Bad Bentheim (D)
 - Venlo (railway yard) – Kaldenkirchen (D)
 - Landgraaf – Herzogenrath (D)
- An ETCS level transition STM-ATB <> Level 2 is present on the route section Zevenaar – Zevenaar Oost.
- An ETCS level transition Level 2 <> STM-PZB is present on the border route section Zevenaar Oost – Emmerich (D).
- An ETCS level transition STM-ATC <> STM-Memor is present on the border route sections:
 - Roosendaal – Essen (B)
 - Weert – Budel – Neerpelt (B)
 - Maastricht Randwyck – Eijsden – Visé (B)

For information about transitions tests see Appendix 23, part 38 and the [ERA Technical Document](#).

Regulation to be agreed upon

▶ Section 6.2.2 contains the procedures for requesting and managing communication encryption keys needed to drive on ERTMS-level-2 route sections. In addition, this section describes the user processes for running trains using ERTMS. ProRail wishes to agree these in the Access Agreement.



2.3.13.2 Train detection systems

- Various train detection systems are in use on the railway network to provide safety information about track occupancy. Some of these train detection systems make use of the shorting effect of wheelsets (track circuits), other systems make use of physical phenomena, such as the influencing of a magnetic field (axle counters and detection loops) or rail deflection (pedals).
- Which train detection systems are in use on which route section is stated in Appendix 15. Information on existing detection systems on specific tracks at railway yards and stations is not visible in Appendix 15. This information is available on request (see section 2.1). It can also be consulted on the [Infrastructure Register \(RINF\)](#).
- Railway vehicles must always be compatible with the train detection systems on the route sections on which they run; compatibility includes at least shorting and circuit behaviour (train-track). Whether there is sufficient compatibility is determined on a case-by-case basis by the (Environmental and Transport Inspectorate on behalf of the) Minister of Infrastructure and Public Works and laid down in the vehicle licence for the specific railway vehicle. The compatibility requirements connected to the various detection systems are laid down in the Railway Vehicles Service Regulations 2020. These requirements apply to new and renewed railway vehicles and are described per detection system in Section 10 Railway Vehicles Service Regulations 2020 with reference to Annexes 5, 6 and 7.²⁹ For non-TSI conform vehicles, the requirements of Annex 10 to Section 15 also apply.
- In case of a combination of GRS track circuits with additional detection systems (axle counters, pulse track circuits (PSSSL), pedals, mass detection loops) it is possible to run railway vehicles that do not meet the requirements with regard to detection quality³⁰.

²⁹ See Section 10 [Railway Vehicles Service Regulations 2020](#).

³⁰ See the [Railway Vehicles Service Regulation 2020, Annex 5](#).

- Route sections with only GRS and Tone Frequency track circuits are not necessarily suitable for modern electric passenger train sets running in monoculture³¹. This is indicated in the restrictions of railway vehicle service licence, with reference to the Technical File for admission.
- The purple and green marked route sections in Appendix 15 are suitable for these electric passenger trains, regardless of whether monoculture occurs.

2.4 Restrictions to use

The potential for use of the infrastructure is determined by the characteristics of the railway network and external factors. Explicitly - but not exclusively - included under external factors are the regulations of environmental permits granted to ProRail pursuant to the Environmental Permit (General Conditions) Act for the use of the railway network managed by ProRail.

ProRail will, by means of the Network Statement, report traffic restrictions under the basic access package, pursuant to Annex II of Directive 2012/34/EU and ensuing from licensing or other public law regulations, the contents of which are not announced in a Netherlands Government Gazette, Bulletin of Acts and Decrees or Treaty Series.

2.4.1 Specialised railway network

Transport restrictions and exclusions

Stated in Appendix 9 are the route sections on which, in deviation of the interoperability principle, a certain type of traffic or transport is excluded.

Rules of procedure

- ▶ This appendix also specifies the route sections for which passenger transport must be requested from the OSS of ProRail. The request shall include a Risk Assessment & Evaluation³² and an operational scenario. These documents shall be approved by ProRail at least one month before the performance date. For contact particulars, see section 4.2.4. ◀

Environmental fire safety permits

Some parts of the railway infrastructure are qualified as structures. Use of these structures can, under the terms of the Environmental Permit (General Conditions) Act, in combination with the Environmental Law Decree and the 2012 Building Decree, require an environmental fire safety permit or occupancy notification. The competent authority can grant the environmental fire safety permit subject to conditions.

If an environmental fire safety permit lays down restrictions or conditions that are of importance to the use of the railway infrastructure by railway undertakings, ProRail will publish those restrictions or conditions in the Network Statement. The underlying documents of the competent authority can be consulted at ProRail. The restrictions and conditions of the permits and notifications that are in force at the start of the timetable covered by this Network Statement are listed in Appendix 9.

High-speed route sections

The Hoofddorp-Rotterdam Centraal (via the Groene Hart tunnel) and Rotterdam Lombardijen – Hazeldonk route sections are designated as route sections of the high-speed rail system as referred to in Annex I to Directive 2016/797. Specific restrictions that apply to the use of these route sections are stated in the [Infrastructure Register \(RINF\)](#).

³¹ A monoculture occurs if fewer than 2 railway vehicles with irreproachable detection quality run per hour at track level: VIRM/VIRMm, ICMm, DDZ, E-loc with carriages. Combinations with other types of train sets and freight trains generally do not provide sufficient guarantee that the detection quality is maintained in deteriorating conditions, such as during the autumn with leaves falling on the tracks.

³² This is a Risk Assessment & Evaluation in the sense of Implementing Regulation 402/2013/EU.

Regulation to be agreed upon

- ▶ By entering into the Access Agreement, the railway undertaking accepts the obligation to comply with the user notifications and environmental permits for fire-safe use and to refrain from any action that may result in a violation of the applicable regulations. Furthermore, the railway undertaking accepts that ProRail monitors compliance with these obligations. ◀

2.4.2 Environment-related user regulations and restrictions³³

2.4.2.1 Environmental permits

General

Railway undertakings making use of the railway yards managed by ProRail may only perform those activities for which an environmental permit has been issued. The permitted activities are stated in the environmental permit. The environmental permits granted to ProRail, in as far as these contain provisions relating to the use of the railway infrastructure, are considered an integral part of the Network Statement and are available for consultation on the [ProRail Logistics Portal](#).

Railway yards are facilities where multiple users (such as ProRail and railway undertakings) can operate simultaneously and alongside one another, using the same environmental permit. Each user is responsible for complying with the permit, the associated regulations and the generally applicable environmental standards for everyone in the Netherlands. Every user can be held to account by the competent authority. ProRail has assumed the coordinating task to ensure that the users of the facility are informed about the rights and obligations stated in the permit.

Regulation to be agreed upon

- ▶ By entering into the Access Agreement, the railway undertaking undertakes to comply with the permit regulations; failure to do so shall constitute an attributable shortcoming towards ProRail. Further provisions in this respect can be found in section 2.4.2.2 and in the General Terms and Conditions (Appendix 5). ◀

Within the context of the acoustic study to determine compliance with environmental permits and the application for environmental permits, ProRail requires noise emission data on passenger railway vehicles and locomotives as used on railway yards. Known average values are used for freight railway vehicles.

Regulation to be agreed upon

- ▶ ProRail requires all railway undertakings to submit a statement of the noise emission data of their passenger railway vehicles and locomotives. This statement is further described in Appendix 8, item 2.2. ◀

When a railway undertaking plans to carry out new or different activities that require a permit on a railway yard, ProRail shall be informed of this in advance (via accountmanagement@prorail.nl), so that it can be assessed whether these activities fit within the current environmental permit or whether a (change to the) environmental permit can be applied for. ProRail's permission is required prior to the performance of modified activities on a railway yard.

Application for or change to an environmental permit

When it is necessary to apply for an environment permit for a change in the activities, ProRail will approach the relevant railway undertakings to collect the necessary data.

2.4.2.2 Environmental and safety information

The railway undertaking shall provide the information required and requested by ProRail for the application for, modification of or compliance with an environmental permit within the term set in each case. This information relates to processes and activities that are relevant to the environmental permit

³³ The Environment Act may enter into force during the term of this Network Statement. If this is the case, the Network Statement will be adapted to this as far as necessary.

and which the railway undertaking carries out or intends to carry out at the railway yard³⁴ in question. This includes the use of (cleaning) systems and workshops, loading & unloading facilities, the storage of (environmentally) hazardous substances, maintenance operations on railway vehicles, etc.

The information to be provided by the railway undertaking to the network manager is set out in Appendix 8, items 2.2 to 2.5 and item 8. In addition, the railway undertaking shall provide ProRail with the information required to substantiate an opinion, objection or appeal, or a request for an interim measure in respect of a (draft) environmental permit decision or (draft) enforcement decision.

In the context of the provision of information described above, the following is relevant:

- Based on input by the railway undertakings, ProRail will calculate the environmental effect of the activities under application on the environment and draw up reports. The environmental reports, together with the application text, will be discussed with the railway undertakings. Timely coordination with the railway undertakings takes place on submitting the final application, submitting opinions on the basis of the draft decision, and filing a letter of appeal. Copies of the relevant documents are sent to the railway undertakings.
- ProRail has a coordinating role in processes concerning the submitting of opinion documents and letters of appeal and, when so addressed by the competent authority, in actions within the context of supervision and compliance. ProRail needs the above information from the railway undertakings in order to fulfil its role properly.

Environmental permit control

ProRail assumes that railway undertakings are familiar with the permit regulations. All current environmental permits (and environmental notifications) are available for consultation on the [ProRail Logistics Portal](#) or can be provided on request by ProRail. Here, users (parties who are responsible for compliance with the permit regulations) of a railway yard will find all the provisions with which they must comply.

The restrictions and obligations laid down in the environmental permit can concern:

- The handling - including the stabling - of wagons with dangerous goods, in particular when loaded in tank wagons and tank containers.
- The performance of operations that may place a noise load on the environment.
- The stabling of railway vehicles intended for scrapping is treated as the 'storage of waste substances'.
- the provision of data on the activities and operations that are or have been performed on a railway yard; for the data to be provided afterwards, see Appendix 8;
- The installation and use of facilities at the railway yard.
- A code of conduct for users, including the use of compulsory (protective) equipment, the handling of waste and the reporting of unsafe situations, is included in the company regulations of ProRail, see section 3.3;
- Obligations to report on volume of use, incidents, measures, target regulations, etc.

Exceptional situations

It may occur that ProRail is granted an environmental permit that also has implications for tracks that fall outside the management of ProRail. ProRail will in that case make arrangements with the manager of those tracks in order to ensure compliance with the environmental permit.

Another possibility is that tracks and sites that fall under the management of ProRail fall within the scope of application of an environmental permit granted to a party other than ProRail. In that case ProRail will inform the railway undertaking about the conditions of the permit that are relevant to the railway undertaking.

³⁴ Being a facility as referred to in Section 1.1(1, 3) Environmental Management Act in conjunction with Section 1.1(3) Environmental Permit (General Conditions) Act.

2.4.2.3 Noise on route sections

The Minister of Infrastructure and Water Management sets³⁵ the permissible noise limits for rail traffic. Information on the permitted noise limits is published on the [website of the Ministry of Infrastructure and Water Management](#). ProRail takes measures to ensure compliance³⁶ with the noise limits, by testing whether the requested capacity remains under the noise limits, see section 4.5.4 point b. If the test shows an exceedance of the noise production ceilings, which cannot be resolved by coordination, the applicable infrastructure is declared congested, see section 4.6.

ProRail shall each calendar year submit a compliance report to the Minister of Infrastructure and Water Management regarding compliance with statutory noise limits. ProRail is moreover required under the terms of the Management Concession to prepare a 5-yearly Noise Map for the Minister. To fulfil these obligations, ProRail requires data from railway undertakings on the average realised running and composition of trains during the day, evening and night periods in the calendar year. ProRail will, at the request of the railway undertakings, strive to acquire as much of this data as possible from its own systems. The railway undertakings are responsible for the data.

ProRail also requires the categorisation of the passenger railway vehicles as defined in the statutory calculation regulations³⁷. For freight railway vehicles, a distinction is made between quiet and non-quiet freight wagons.

Regulation to be agreed upon

- ▶ ProRail requires that every railway undertaking provides an annual statement of the average realised train service and composition during the day, evening and night periods in the calendar year. Further details of this statement are given in Appendix 8. ProRail also requires every railway undertaking to state the categorisation of the passenger railway vehicles as defined in the statutory calculation regulations³⁸. Further details of this statement are given in Appendix 8. ◀

2.4.2.4 Soil protection

The operating processes of the railway undertakings entail risks in terms of contamination of the soil and ballast with fuels, coolants, lubricants, etc. Small quantities of these contaminants can, under normal running conditions, leak from trains on the ballast. This risk can be minimised through good and regular maintenance. Moreover, soil and ballast contamination can occur as a result of incidents.

The Soil Protection Act prescribes that ProRail and the railway undertakings take measures aimed at minimising the risk of soil contamination and, in the case that soil contamination nevertheless does occur, that they take all necessary measures to limit the effects thereof.

If contamination is ascertained in the ballast or soil of the main railway network, ProRail will conduct a survey to determine the current or past cause. In case of indications that the contamination has been caused by a railway undertaking, the latter will be notified immediately. ProRail will also involve the railway undertaking in the survey. Pursuant to the provisions of the Soil Protection Act, ProRail will notify the competent authorities of the soil contamination. The appropriate remediation measures will be based on the instructions of the competent authority. The costs of the ballast and/or soil survey, as well as any required remediation, will be recovered from the railway undertaking if it indeed appears to have been the party causing the contamination.

Railway vehicle tanks containing diesel or gas oil involve a raised risk of soil contamination. The same applies to other forms of transshipment of hazardous liquids. Locomotives may only be refuelled at the designated refuelling facilities, above the soil protection facilities stated in Appendix 21.

Refuelling outside one of the refuelling facilities stated in Appendix 21 is permitted only in exceptional cases. These cases are described in item 5.5 of the table Refuelling Facilities in section 7.3.10.2.

Regulation to be agreed upon

- ▶ ProRail wishes to lay down the agreements with regard to soil protection (occurrence of signalled ballast contamination or refuelling, respectively) in the Access Agreement via the General Terms

³⁵ [Section 11.27 Environmental Management Act.](#)

³⁶ [Section 11.20 Environmental Management Act.](#)

³⁷ [Rail Traffic Noise Calculation & Measurement Regulations 2012.](#)

³⁸ [Rail Traffic Noise Calculation & Measurement Regulations 2012.](#)

and Conditions (see Appendix 5) and item 5.5 of the Refuelling Facilities table in section 7.3.10.2.

2.4.3 Restrictions due to dangerous goods

General

The Carriage of Dangerous Goods Act, the Decree on the Carriage of Dangerous Goods Regulations and the Regulation for the carriage of dangerous goods by rail and thus the Regulations concerning the international carriage of dangerous goods by rail (RID) apply to the transport of dangerous goods by rail. According to the RID, dangerous goods are substances which, due to their intrinsic properties or the circumstances under which they occur, can cause danger, damage or serious nuisance to people, animals or the environment. They are classified into hazard classes on the basis of these intrinsic properties or the circumstances under which they occur.

In case of an incident, not all dangerous goods are equally hazardous to the environment. Therefore, in transport legislation and environmental permits, a distinction is made between dangerous goods that are relevant to external safety - with a large impact on the environment - and dangerous goods that are not relevant to external safety.³⁹

According to the regulations, the risk analyses and reports only concern bulk transport in loaded wagons, although a number of competent authorities have a different insight.

At a number of railway yards where an environmental permit is in force for activities with freight trains, activities are also permitted with wagons loaded with dangerous goods relevant to external safety. The competent authority has included rules in the permits for activities involving these substances. The rules usually concern the permitted external safety risk, the available (extinguishing) facilities and reporting obligations. There are local differences as to which substances are permitted and which rules are set. Users shall carry out their activities in accordance with the rules laid down in the environmental permit as well as the prevailing legislation and regulations. In addition to the rules in the permits (see section 2.4.2.1), in some cases restrictions on use may apply as a result of enforcement by the competent authority.

Handling of dangerous goods at railway yards

The railway yards below are equipped for the handling and stabling of wagons with dangerous goods.

Table 2.3 Railway yards equipped for the handling and stabling of wagons with dangerous goods

Railway yard		
Amersfoort Goederen	Hengelo	Rotterdam Waalhaven Zuid
Amsterdam Aziëhaven	Kijfhoek	Sas van Gent
Amsterdam Westhaven	Lage Zwaluwe	Sittard
Axel Aansluiting	Moerdijk	Sloe 1
Blerick	Onnen	Sloe 2
Delfzijl Oosterhoorn	Roosendaal*	Terneuzen Aansluiting
Deventer Goederen*	Rotterdam Botlek	Valburg CUP
Dordrecht*	Rotterdam Europoort	Venlo
Eindhoven*	Rotterdam Maasvlakte	Venlo TPN
Emmen**	Rotterdam Pernis	

* Only the turning back with wagons loaded with dangerous goods is permitted. Other (shunting) operations with dangerous goods are not permitted.

** Only operations with category C3 (maximum 500 wagons p/y) are allowed.

³⁹ See table 9-2 of the [Transport Risk Analysis Manual \(HART\)](#).

The available railway yards are selected to accommodate shunting processes near the start or end point of rail transport flows to/from potential shippers/recipients/processes of dangerous goods, as well as the necessary in transit shunting processes (locomotive exchange/direction change/stabling). For the purpose of the timetable, the [ProRail Logistics Portal](#) publishes the Environmental Checklist and, at railway yard level, the documents "Points of attention for the environment permit". The Environmental Checklist includes all the railway yards where, to date, shunting with dangerous goods relevant to external safety is permitted by law. The "Points of attention for the environment permit" documents outline the contents of the environmental permit for each railway yard. ProRail will handle requests from titleholders for the designation of other/supplementary railway yards in accordance with the procedures as described in section 2.6.1.

The handling of trains with dangerous goods at railway yards is subject to environmental permits. Section 2.4.2.1 discusses the application procedure for an environmental permit pursuant to the Environmental Law (General Conditions) Act.

Rules of procedure

- ▶ If railway undertakings collectively apply for more capacity than is locally permitted, ProRail may, as part of the integral capacity management, opt to subject the capacity allocation to an individual applicant to specific restrictive conditions and regulations, in such a manner as to ensure that the total allocated capacity complies with the permit conditions. ◀

In order to comply with statutory obligations regarding external safety on railway yards, ProRail requires railway undertakings to provide supplements and corrections to the data collected by ProRail. Further details of this procedure are given in Appendix 8.

Carriage of dangerous goods

Route sections on which the carriage of wagons containing dangerous goods is excluded or restricted due to local environmental risks are listed in Appendix 9.

The periodic report on external safety is further described in Appendix 8.

2.4.4 Bridge opening times and restrictions

User regulations

Railway tunnels are generally fitted with specific safety and evacuation facilities. These facilities and the accompanying emergency plans help persons to escape to safety in case of an emergency. The following tunnels are suitably equipped:

- Hemspoortunnel (Amsterdam Sloterdijk – Zaandam)
- Velserspoortunnel (Santpoort Noord – Beverwijk)
- Schipholspoortunnel (Hoofddorp – Amsterdam Riekerpolder Aansluiting)
- Spoortunnel Rijswijk (Den Haag Moerwijk – Delft)
- Willemsspoortunnel (Rotterdam Centraal – Rotterdam Zuid)
- Overkapping Barendrecht (Rotterdam Lombardijen – Zwijndrecht)
- Botlekspoortunnel (Botlek - Pernis)
- Sophiaspoortunnel (Kijfhoek Zuid - Papendrecht)
- Giessenspoortunnel (Giessendam - Gorinchem)
- Pannerdensch Kanaal spoortunnel (Valburg - Duiven)
- Spoortunnel Zevenaar (Duiven – Zevenaar)⁴⁰
- Spoortunnel Best (Boxtel – Eindhoven Strijp-S)
- Groene Hart spoortunnel (Hoofddorp – Rotterdam)
- Spoortunnel Rotterdam-Noord (Hoofddorp – Rotterdam)
- Oude Maas spoortunnel (Rotterdam – Hazeldonk)
- Dordtsche Kil spoortunnel (Rotterdam – Hazeldonk)
- Drontermeerspoortunnel (Dronten – Kampen Zuid)
- Spoortunnel Nijverdal (Raalte - Wierden)
- Spoortunnel Delft (Rijswijk – Delft Campus)

⁴⁰ This is the rail tunnel that is part of the Betuweroute.

Further information on safety in railway tunnels, including the above-mentioned emergency plans, can be found at [ProRail Logistics Portal](#).

User restriction

Specific tunnel related traffic & transport limitations are stated in Appendix 9.

2.4.5 Operating rules and restrictions for railway bridges and other structural works

Railway bridges that are opened according to a fixed timetable or on call ('request scheme') to enable the passage of shipping are shown in Appendix 18. The opening times of railway bridges subject to a fixed timetable are laid down in the 2023 timetable determined by the Minister of Infrastructure and Water Management⁴¹ and subsequently published on the [Waterway Information website](#). User Instructions GVS00094 apply to all structural works (see the [ProRail Logistics Portal](#)). This includes speed limits.

2.4.6 Restrictions due to platform safety

ProRail manages the transfer facilities at stations, including platforms. Due to the limited capacity of a platform in combination with expected passenger numbers, high risk situations can arise. The degree of risks associated with current use of platforms is mapped out using the Platform Safety Risk Model 2.0. (see the [ProRail Logistics Portal](#)). Based on the initial results of the risk model, ProRail has drawn up a list of points for attention with regard to the timetable design. This list is included in the "*Start document timetable process preparation*" as Annex 6 and in the "*Start document timetabling process*". (see the [ProRail Logistics Portal](#)). Changes to the timetable that have a significant impact on platform safety are tested against this. If the results show that there are real risks with regard to platform safety, this may lead to restrictions to use.

ProRail takes ad hoc measurements of the transfer load at a number of stations with (potential) capacity bottlenecks. This with a view to transfer risks and for the management and development of the railway infrastructure in relation to capacity requests. These measurements produce relevant information on the use of the existing local transfer capacity. Also, ProRail makes arrangements in the Access Agreement with railway undertakings about the provision of transport data by the railway undertaking (see Appendix 8, item 2.1.6 and 2.1.7).

2.4.7 Restrictions due to shortened braking distances

In the 2023 timetable, user restrictions due to shortened braking distances will apply at the following locations:

- 's-Hertogenbosch railway yard
- Track GF/142 of Warffum station, direction Groningen
- Track 422 of Loppersum station

At these locations, the signalling is based on a minimum braking distance of 300 metres at 5‰ downhill gradient at 40 km/h. This is based on a minimum braking percentage of 54%.

The railway undertaking shall ensure that:

- its train drivers using 's-Hertogenbosch railway yard are familiar with the changed situation on site;
- its trains at the 's-Hertogenbosch railway yard have a braking percentage of (at least) 54%. In case a train has a lower braking percentage than 54%, the maximum speeds as included in the letter from the Transport Inspectorate dated 20 January 2020 with reference ILT 2020/3792 apply:

⁴¹ Section 25 Railways Infrastructure Decree.

Brake position G

Brake%	53	52	51	50	49	48	47	46	45
Speed [km/h]	35	35	35	30	30	30	30	25	20

Brake position P, also with long locomotive, train length up to 500m

Brake%	53	52	51	50	49	48	47	46	45
Speed [km/h]	40	40	40	40	40	40	40	40	40

Brake position P, also with long locomotive, train length up to 600m

Brake%	53	52	51	50	49	48	47	46	45
Speed [km/h]	40	40	40	40	40	40	40	40	40

Brake position P, also with long locomotive, train length up to 700m

Brake%	53	52	51	50	49	48	47	46	45
Speed [km/h]	40	40	35	35	35	35	35	35	35

In addition to the above user restrictions, the following user restrictions apply to railway yards in the 2023 timetable in respect of stopping braking at speeds at 40 km/h and below:

- Westhaven railway yard for passenger rolling stock

At this yard, signalling is based on the following minimum braking distances at the specified maximum speed and gradient:

Maximum speed	Minimum braking distance	gradient
40 km/h	260m	0‰
35 km/h	218m	0‰
30 km/h	178m	0‰
25 km/h	139m	0‰
20 km/h	103m	0‰
< 20 km/h	100m	0‰

This is based on a minimum braking percentage of 54%. The railway undertaking shall ensure that:

- its train drivers using 's-Hertogenbosch railway yard are familiar with the changed situation on site;
- its trains at the 's-Hertogenbosch railway yard have a braking percentage of (at least) 54%.

Regulation to be agreed upon

- ▶ ProRail wishes to reach agreement on the use of the above railway yards in the Access Agreement via the General Conditions (see Appendix 5, Article 11.2). ◀

2.4.8 Restriction of use within the context of one-man operating

On various route sections, the train service is run by means of one-man operating. This means that the driver is responsible for the departure order. On these route sections, departure signals on the platform are not necessary for the safe and punctual operation of the train service. ProRail specifically designates these route sections for one-man operating and no departure signals are installed during modification or newbuild work. The route sections intended for one-man operation are shown on the map in Appendix 16. The absence of departure signals does not imply that a head conductor no longer needs to be present on the train.

2.5 Reliability, availability and operational quality of the railway infrastructure

This section describes the quality of the railway network in terms of reliability, availability, maintainability, safety, health and the environment (RAMSHE), as it applies to the entire railway infrastructure managed by ProRail. See section 4.3 for the procedures applicable to capacity allocation for scheduled work on or near the main railway network. For the process of function changes and an overview of infrastructural (study) projects, see section 2.6 and Appendix 10.

Reliability and availability

Availability concerns the level of availability of the track for train services. Availability is reduced by scheduled (i.e. maintenance work) and unscheduled (i.e. due to disruptions) possessions. The scheduled possessions are required for the proper performance of maintenance, repair and management works (including the necessary testing of infrastructure systems and safety organisation drills) as well as the construction or modification work on or near the main railway network. For this reason, rail sections often have to be closed to traffic.

Weather conditions can impact on the reliability and availability of the railway infrastructure. ProRail has determined parameters per weather facet (temperature, wind force, etc.) within which the nominal operational parameters of the railway infrastructure must be available. In case of the over- or underrun of those parameters, ProRail can take preventive measures to reduce the risk of unsafe situations and/or damage to the railway infrastructure and to maintain the highest possible availability and reliability. These preventive measures can entail a restriction to the nominal operational parameters of the railway infrastructure (restrictions in speed/choice of route, etc.). The document 'Four Seasons Matrix' (available for consultation on the [ICdoc incident and emergency site](#) of the OCCR) states the weather conditions per facet, as well as the applicable parameters and resulting measures.

Maintainability

ProRail makes maximum use of the options available to limit disruption to rail traffic caused by work on the infrastructure, within the constraints of the affordability, reliability and safety of the rail system. ProRail takes this aspect into account in case of all changes to infrastructure.

Safety

ProRail applies strict control procedures with regard to the safety of train traffic during operating procedures by traffic control and other management tasks, in order that ProRail can provide railway undertakings with safe and usable routes for the conduct of their rail traffic operations.

ProRail strives, where necessary in consultation with railway undertakings, to eliminate avoidable risks in the use of the railway infrastructure (including the use of level crossings). ProRail screens off main railways including railway yards on the basis of a site-specific risk analysis so that they cannot be accidentally or unintentionally accessed by third parties.

ProRail monitors the safety of level crossings in order to gather information to be able to respond to developments in rail traffic and intersecting traffic. The aim is also to prevent a deterioration in the safety situation. During the development of intersecting traffic, ProRail, in consultation with the (road) manager involved, seeks infrastructural measures to prevent or reverse a worsening of the safety situation.

Any increasing risks in rail traffic will be compensated by mitigating logistics measures, combined with infrastructural measures where necessary. In doing so, ProRail follows the following developments:

- Pattern-based expansion of frequencies in passenger transport (also in off-peak hours).
- Structural changes to the time slot of a passenger train (series).
- Taking into use of new stops.
- Structural changes to stops (short stop instead of arrival/departure or vice versa).
- Structural new or rerouted freight trains.

With a view to improving the safety level, ProRail also closely analyses all safety incident reports and their handling.

ProRail's safety ambitions are in line with the Policy Agenda for Railway Safety 2020-2025 and the Letter to Parliament on railway safety.⁴²

ProRail controls the specific environmental risks attached to the transport of dangerous goods by maintaining an operational organisation that can respond effectively to incidents involving dangerous goods. In as far as ProRail is obliged by public authorities to take measures to control the risks attached to the transport or handling of shipments of dangerous goods (e.g., volume control), ProRail will perform such measures.

ProRail organises, as part of its management task under the concession, drills to keep the preparedness for dealing with incidents at a high level. Insofar as such drills impose a burden on the capacity of the railways, the required capacity will be requested through the regular capacity allocation procedures.

In consultation with the public authorities and the railway undertakings, ProRail will contribute towards actions aimed at controlling and improving the social safety at stations. The contribution of ProRail entails:

- Security services: on the basis of safety agreements (covenants concluded with local authorities), ProRail contributes to the promotion of social safety at and around stations.
- Opening/closing of stations: the opening and closing of waiting rooms and (parts of) stations in periods that those stations are not used for train services, with the purpose of preventing vandalism.
- Camera-supported supervision: with the purpose of raising the sense of safety of passengers and personnel working at the station, as well as having a preventive effect on target groups (vandals, loiterers, junkies, homeless persons), reducing the damage caused by vandalism and increasing the chance of apprehending offenders.
- Technical modifications: necessary modifications as a result of changed circumstances at stations (relocation of cameras, adjustment of lighting, etc.), as well as analyses/surveys/audits geared to social safety.

Health

ProRail ensures a healthy working environment through the relevant working conditions legislation.

Environment

ProRail organises the operational processes in such a manner that hindrance and contamination are controlled and reduced, in accordance with the relevant statutory provisions. To the extent that the relevant environmental protection legislation does not directly address the railway undertakings using the railways managed by ProRail, ProRail will stipulate this through the Access Agreement.

2.6 Infrastructure development

2.6.1 Process of function changes

The railway infrastructure and supplementary facilities are constantly under development, also to meet the needs of railway undertakings and other titleholders. This development leads to function changes,

⁴² For the latest information, see the Letter to Parliament on railway safety developments dated 16 June 2020 from the Ministry of Infrastructure and Public Works, reference IENW/BSK-2020/86254.

whereby the railway infrastructure and supplementary facilities may be expanded, adjusted or cancelled.

Function changes can be initiated in various manners.

- A capacity allocation process may, for example, lead to a congestion statement (see section 4.6 and Appendix 10 item 3). Such a capacity bottleneck may be of an infrastructural nature or result from the provisions of the applicable environmental rules and regulations. ProRail will by means of a capacity analysis and capacity enhancement plan determine possible measures aimed at increasing the capacity, including a schedule for the performance of such measures.⁴³ Possible measures are process adjustment, infrastructural measures or environmental measures. The capacity enhancement plan is drawn up in consultation with the users of the congested infrastructure. ProRail uses a multi-criteria analysis (MCA) to determine and prioritise the most cost-effective measures.
- Railway undertakings may in terms of their activities and business operations (e.g., the running of trains, stabling, cleaning, inspection, loading and unloading) experience a need to change the existing service package in terms of railway infrastructure or facilities. This need can be expressed as a client request via account management, after which ProRail can offer a suitable solution in consultation with the client. If the solution is not available within the current service package, a customised solution may be developed in consultation with the client. A request for a change of function on railway yards may imply that an application for or an amendment of the environmental permit is required. ProRail determines how such a request is met, and who must pay the costs of this change of function.
- Changing legislation and regulations, consolidation requests and product policy can lead to the development of railway infrastructure and supplementary facilities.
- Changes can also be initiated from the medium-term process (MLT process). The objective of the MLT process is to make reliable agreements within the rail sector with regard to logistics product steps. To this end, all logistics product steps are bundled for two to seven years in advance. It is being studied whether these product steps fit in with the existing railway infrastructure and environment. Where asset adjustments are necessary and the necessary financing has been made available by external parties, these asset adjustments are realised (on time) (see also the [ProRail Logistics Portal](#)).

External developments

Usability of the railway infrastructure is also partly determined by conditions beyond the realm of ProRail's responsibilities. ProRail has in this Network Statement incorporated the latest conditions applicable at the time of going to press.

It is possible that further external developments may occur during the period of validity of this Network Statement, which may affect the usability of the railway infrastructure. In that case, ProRail will discuss the possibilities of anticipating such developments with the railway undertakings.

2.6.2 Planning schedule of function changes

ProRail executes projects to modify the functionality of the railway infrastructure. The following are included in Appendix 10:

- 1) An overview of function changes that are expected to become available for use in the medium and long term. This list indicates changes relating to both the scale and functionality of the network. Information on the list is subject to change. The overview of commissioning dates for infrastructure projects is updated at least once a year. The most recent version is available on the [ProRail Logistics Portal](#). Publication of an updated version is not regarded as a supplement to the Network Statement as referred to in section 1.5.2 of the Network Statement.
- 2) A list of studies by ProRail into infrastructural changes that are necessary to accommodate traffic development in the medium and long term.
- 3) An overview of the manner of performance of earlier capacity-enhancement plans in line with Section 7(2) Railways Capacity Allocation Decree.

⁴³ See [Section 7\(2\) Railways Capacity Allocation Decree](#).

3 Access conditions

3.1 Introduction

This chapter describes the conditions for access to and use of the main railway network managed by ProRail.

3.2 Access requirements

Access to the railway infrastructure is granted to railway undertakings for the use of railway vehicles, subject to the basic access package as referred to in Annex I to Directive 2012/34/EU⁴⁴.

3.2.1 Requirements to request capacity

The following categories of natural person or legal entity are entitled to request capacity from ProRail and enter into an Access Agreement with ProRail:

- Railway undertakings in possession of an operating licence;
- Undertakings that have requested an operating licence.
- Parties granting concessions for public transport by train.
- Each natural person or legal entity that can demonstrate to ProRail that it has a commercial interest in the acquisition of capacity for the transport of passengers or goods by rail.⁴⁵

As a result of the TSI TA46P and the TSI TA47F, a titleholder (for passenger and freight transport, respectively) that requests capacity for international trains requires a Company Code or an RICS code (Railway Interchange Coding System). If a titleholder requests capacity for national trains via the service "Capacity requests and planning and performance information (according to TSI TAF/TAP standard)", see Appendix 23, item 21, it must also be in possession of a Company Code. Only capacity for international train paths can be requested via the Rail Freight Corridors. The party taking over the route section in the neighbouring country must be known.

Titleholders that are not railway undertakings can exclusively enter into a limited Access Agreement. A limited Access Agreement with a titleholder that is not a railway undertaking is referred to in this Network Statement as a Capacity Agreement.

It is prohibited for titleholders to trade and/or transfer capacity. Violation of this prohibition leads to the exclusion of further allocation of capacity.⁴⁸ Where a railway undertaking uses the capacity requested by a titleholder which is not itself a railway undertaking, this shall not be regarded as a transfer and there shall be no breach of the prohibition.

⁴⁴ [Section 27\(1\) Railways Act](#).

⁴⁵ [Section 57 Railways Act](#).

⁴⁶ Commission Regulation (EU) No 454/2011 of 5 May 2011 on the technical specification for interoperability relating to the subsystem telematics applications for passenger services of the trans-European rail system, *OJEU* 2011 L 123.

⁴⁷ Commission Regulation (EU) No 1305/2014 of 11 December 2014 on the technical specification for interoperability relating to the telematics applications for freight subsystem of the rail system in the European Union and repealing the Regulation (EC) No 62/2006, *OJEU* 2014 L 356.

⁴⁸ [Section 57\(3\) Railways Act](#). The ACM supervises the prohibition and enforcement thereof under Sections 70(2) and 71(1) Railway Act. If a titleholder or the manager suspects that capacity is being used, it may submit a request for enforcement or complaint to the ACM.

3.2.2 Requirements for access to the railway infrastructure

As defined in the Railways Act, railway undertakings have access to the main railway network and can thus participate in rail traffic when they:

- hold a valid operating licence or comparable document,
- hold a valid safety certificate,
- are insured against risks related to statutory liability,
- have concluded an Access Agreement with ProRail.⁴⁹

This is subject to the condition that the intended traffic participation is permitted by the operating licence described above, the safety certificate and the insurance. ProRail stresses that the provision of rail transport services is subject to statutory provisions, as summarised in Appendix 7.

In particular, ProRail refers to its obligation no later than 18 months before the start of the period of validity of the timetable to notify ProRail (via accountmanagement@prorail.nl) and the ACM of its intention to apply for capacity in the 2023 timetable with a view to operating a passenger transport service that is not part of a concession as referred to in Section 20(1) or (4) Passenger Transport Act 2000.⁵⁰


The contact particulars of the ACM are:

<p><i>organisation:</i> ACM, Consumer & Market Authority</p> <p><i>postal address:</i> PO Box 16326 2500 BH The Hague</p> <p><i>office address:</i> Muzenstraat 41 2511 WB The Hague</p> <p><i>telephone:</i> +31 (0) 70 72 22 000</p> <p><i>fax:</i> +31 (0) 70 72 22 355</p> <p><i>website:</i> www.acm.nl</p>	 <p>Autoriteit Consument & Markt</p>
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3.2.3 Operating licences

An operating licence is prescribed for access to the main railway network.⁵¹ Operating licences for undertakings established in the Netherlands are issued by the Human Environment and Transport Inspectorate (ILT).

Information on the various types of operating licences with the accompanying requirements is contained in Appendix 7. The contact particulars of the ILT are:

<p><i>organisation:</i> Environmental Health and Transport Inspectorate Rail and Road Transport</p> <p><i>postal address:</i> PO Box 16191 2500 BD The Hague</p> <p><i>office address:</i> Graadt van Roggenweg 500 3531 AH Utrecht</p> <p><i>telephone:</i> +31 (0) 88 489 0000</p> <p><i>website:</i> www.ilent.nl</p>	 <p>Inspectie Leefomgeving en Transport Ministerie van Infrastructuur en Waterstaat</p>
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⁴⁹ [Section 27\(2\) Railways Act.](#)

⁵⁰ [Section 57\(4\) and \(5\) Railways Act.](#)

⁵¹ [Section 27\(2\)\(a\) Railways Act.](#)

3.2.4 Safety certificates

A safety certificate is prescribed for access to and use of the main railway network.⁵² Safety certificates are issued by the ILT.

Railway undertakings as well as prospective railway undertakings preparing to obtain a safety certificate can obtain access to the Logistics Portal on request (see the [ProRail website](#)). On the Logistics Portal, ProRail makes available information on the route(s) it wishes to operate, in accordance with the provisions of the technical specifications for Interoperability of the rail traffic operation and management subsystem.⁵³

3.2.5 Insurance

A railway undertaking that makes use of the main railway network shall be insured against the financial risks arising from statutory liability.⁵⁴ The minimum cover is € 10,000,000 per event.⁵⁵ Undertakings that exclusively use the main railway network for exchange or station facilities in a railway yard, or that solely run on decommissioned tracks in order to carry out work on those tracks are subject to a lower minimum cover requirement, namely of € 2,500,000 per event.⁵⁶

3.3 Contractual agreements

In civil law terms, this Network Statement is an offer by ProRail to titleholders for access to and use of the railway network managed by ProRail and the accompanying services provided by ProRail. On grounds of specific legal regulations⁵⁷ and non-discriminatory considerations, not all parts of this offer are open to individual negotiation. The ProRail Company Regulations⁵⁸ always apply to the access by (personnel of) railway undertakings and their auxiliary persons to buildings and sites of ProRail.

3.3.1 Framework agreements

ProRail does not offer framework agreements.

3.3.2 Access Agreements with railway undertakings

An Access Agreement is one of the requirements for access to the main railway network and is concluded between a titleholder and ProRail. An Access Agreement shall comply with the conditions set out in Section 59 Railways Act and shall in any case contain provisions on the quality of the main railway network to be offered by the manager and the applicable charge. For the model text of and Access Agreement ('*Toegangsovereenkomst*') and corresponding General Terms & Conditions ('*Algemene Voorwaarden*'), refer to the [ProRail website](#) and Appendix 5.

Conclusion of the agreement

ProRail will on request inform titleholders about the information and documents to be submitted prior to the signing of the agreement. Titleholders who wish to conclude an Access Agreement are invited to contact ProRail (for contact particulars: see section 1.6) from the time that the request for a safety certificate is submitted to the ILT.

Titleholders who wish to conclude their first Access Agreement as railway undertaking must take into account that due to administrative preparations, a term of one week applies between the signing of the agreement and the first use of the main railway network.

⁵² [Section 27\(2\)\(b\) Railways Act](#).

⁵³ TSI OPE 2019/773.

⁵⁴ [Section 55 Railways Act](#).

⁵⁵ Section 7 Operating Licence and Safety Certificate (Main Railways) Decree.

⁵⁶ Section 8(3) Operating Licence and Safety Certificate (Main Railways) Decree.

⁵⁷ [Sections 59 and 62 Railways Act](#).

⁵⁸ Richtlijn: gedragsregels op spoorwegterreinen . RLN00300, available for consultation on the [ProRail website](#).

3.3.3 Access Agreements with titleholders not being railway undertakings

The Access Agreement between ProRail and a titleholder, which is not a railway undertaking, is referred to in the Network Statement as a Capacity Agreement. The Capacity Agreement only concerns the allocation and reservation of capacity, but does not give any right to access or use of the main railway network, also not for stabling. The reservation lapses if the titleholder fails to inform ProRail within 30 days of the traffic date of the identity of the railway undertaking that will provide the train service on behalf of the titleholder.

General Terms & Conditions

ProRail wishes, by means of the capacity agreements, to agree to General Terms & Conditions. For further clarification, see under the header General Terms & Conditions in section 3.3.4. For the model text of and Access Agreement (*'Toegangsovereenkomst'*) and corresponding General Terms & Conditions (*'Algemene Voorwaarden'*), refer to the [ProRail website](#) and Appendix 5.

3.3.4 General Terms & Conditions

ProRail also wishes to agree the General Terms & Conditions in the Access Agreements. The General Terms & Conditions describe the administrative, technical and financial arrangements applicable to the use of the main railway network managed by ProRail and to the services offered. Regulations of the CU59I, which by operation of law apply only to the use of the main railway network in international rail traffic, have been included in the General Terms & Conditions, or are by way of the General Terms & Conditions declared to apply mutatis mutandis to the use of main railway network for domestic transport and for other use of the railways to which the regulations of the CUI do not legally apply. The Access Agreement and the General Terms & Conditions have been drawn up in accordance with the European General Terms & Conditions as agreed between CI60T and RailNetEurope. The European General Terms & Conditions (*'Algemene Voorwaarden'*) are available for consultation on the [ProRail website](#).

Regulation to be agreed upon

▶ ProRail wishes to include a provision in all Access Agreements declaring the applicability of the General Terms & Conditions. ProRail offers the following possibilities for deviation from the General Terms & Conditions:

- The maximum amount of compensation payable to the railway undertaking under Article 18 General Terms & Conditions is € 100,000,000 or € 200,000,000 per loss event as referred to in the General Terms & Conditions, except in case of intent and/or deliberate recklessness; and the maximum amount of compensation payable to the network manager under Article 19 General Terms & Conditions is €100,000,000 or € 200,000,000, except in case of intent and/or deliberate recklessness.
- In deviation of Article 18, paragraph 5 and Article 19, paragraph 4 of the General Terms & Conditions, the stated threshold amount for claims for compensation can be set at € 10,000 or € 20,000 per loss event. ◀

3.4 Specific access requirements

3.4.1 Railway vehicle acceptance requirements

Vehicle licences

The operation of a railway vehicle on the main railway network requires a vehicle licence and the vehicle must be registered in the vehicle register.⁶¹ The ILT, on behalf of the Minister of Infrastructure

⁵⁹ Uniform Rules concerning the Contract of Use of Infrastructure in International Rail Traffic, Annex E to the COTIF.

⁶⁰ Sector association of transporters.

⁶¹ [Section 26q Railways Act](#).

and Public Works, can issue a temporary user licence for the performance of test runs with railway vehicles on the main railway network.⁶² Licences are granted via the European Railway Agency (ERA) or the ILT. The manner in which the ILT involves ProRail in this is laid down in a policy rule.⁶³

The admission of railway vehicles is subject to the requirements of the Technical Specifications for Interoperability (TSI) and the Railway Vehicles Service Regulation (Ris). Information about the main railway network can be found in the [Infrastructure Register \(RINF\)](#). Additional information on the main railway network may be required for testing and assessment of requirements. In accordance with the policy rule 64e, ProRail may also be asked for an opinion. Questions about this can be addressed to inzet.spoorvoertuigen@prorail.nl.

Operation and maintenance of railway vehicles

As soon as a railway vehicle is commissioned by a railway undertaking, said undertaking is responsible for operation and⁶⁵ maintenance of the railway vehicle in accordance with the applicable statutory and essential requirements.⁶⁶

Railway vehicles data

ProRail requires data from railway undertakings on new and modified railway vehicles, as referred to in section 3.4.6 in combination with Appendix 8 (item 2.2) and section 2.5 in combination with section 6.2.9 (paragraph 3). The [ProRail Logistics Portal](#) includes a format specifying the data to be provided (*Railway vehicle characteristics format, version 2 dated 12/12/2014*). The completed format must be sent to accountmanagement@prorail.nl.

The railway undertaking is responsible for ensuring that the data relating to the new or modified railway vehicle has been submitted prior to being taken into use. It is possible that the data is already provided by the vehicle supplier during the admissions process.

Braking tables

Based on Article 4.2.2.6.2 of the OPE TSI, ProRail will make available the braking tables already in use. These braking tables (and the associated regulations) have been removed from the Rail Traffic Regulations with effect from 1 April 2020.⁶⁷

Braking table	1				2				Speed in km/h:
	1.1 ¹⁾	1.2 ²⁾	1.3 ³⁾	1.4 ⁴⁾	2.1 ¹⁾	2.2 ²⁾	2.3 ³⁾	2.4 ⁴⁾	
Braking percentage in %	30	30	30	30	39	39	39	39	30
	30	30	30	30	46	46	46	46	35
	30	30	30	30	54	54	54	54	40
	30	30	30	30	54	54	54	54	45
	30	30	30	30	54	54	54	54	50
	36	36	36	36	54	54	54	54	55
	46	46	46	46	56	56	56	56	60
	46	46	46	46	56	56	56	56	65

⁶² [Section 26r Railways Act.](#)

⁶³ Policy rule on the role of the network manager in the admission of vehicles under the Railways Act.

⁶⁴ Policy rule on the role of the network manager in the admission of vehicles under the Railways Act.

⁶⁵ The essential requirements are defined in Annex III of Directive 2016/797/EU.

⁶⁶ [Section 26c\(1\) and Section 26k\(6\) Railways Act.](#)

⁶⁷ See Government Gazette 2020, 14353.

Braking table	1				2				Speed in km/h:
	1.1 ¹⁾	1.2 ²⁾	1.3 ³⁾	1.4 ⁴⁾	2.1 ¹⁾	2.2 ²⁾	2.3 ³⁾	2.4 ⁴⁾	
	46	46	46	46	56	56	56	56	70
	46	46	46	46	56	56	56	56	75
	54	54	54	54	65	65	65	65	80
	54	54	54	54	65	69	72	72	85
	55	55	55	55	65	69	72	72	90
	56	59	62	63	69	73	76	76	95
	65	69	72	–	75	79	83	–	100
	69	73	76	–	–	–	–	–	105
	76	80	84	–	–	–	–	–	110
	83	88	92	–	–	–	–	–	115
	91	96	100	–	–	–	–	–	120
	102	–	–	–	–	–	–	–	125
	113	–	–	–	–	–	–	–	130
	113	–	–	–	–	–	–	–	135
	119	–	–	–	–	–	–	–	140
	129	–	–	–	–	–	–	–	145
	139	–	–	–	–	–	–	–	150
	149	–	–	–	–	–	–	–	155
	160	–	–	–	–	–	–	–	160

Reading guide

- Braking table 1 (subdivided into columns 1.1 to 1.4) applies to all route sections except those mentioned in braking table 2.
- Braking table 2 (subdivided into columns 2.1 to 2.4) applies to the route sections Nuth – Haanrade and Heerlen – Schin op Geul.

Notes

- 1) Applies to all trains with the exception of those mentioned under 2, 3 and 4.
- 2) Applies to freight trains with the brake in position P and a train length, excluding the leading traction units, of > 500m and ≤ 600m.
- 3) Applies to freight trains with the brake in position P and a train length, excluding the leading traction units, of > 600m and ≤ 700m.
- 4) Applies to freight trains with the brake in position G, irrespective of train length.

In the application of this braking table, the rules and calculation methods set out in Sections 9 to 22 and Annex 3 of the Rail Traffic Regulations as in force on 31 March 2020 shall apply.⁶⁸

Use of railway vehicles

⁶⁸ See <https://wetten.overheid.nl/BWBR0017707/2019-10-01>.

The railway undertaking shall check whether a vehicle is licensed, whether the vehicle is registered in the vehicle register, whether the railway vehicle is compatible with the main railway network to be operated on and whether the railway vehicle is correctly integrated in the composition in which it is intended to operate by means of the [Infrastructure Register \(RINF\)](#) and the safety management system.⁶⁹

Use of ATB-Vv

Insofar as not agreed otherwise in the Access Agreement, the railway undertaking guarantees that all trains intended for structural deployment on route sections and railway yards with ATBEG, are fitted with ATB-Vv. In those cases that a train not fitted with ATB-Vv is deployed on route sections and railway yards with ATB-EG, the railway undertaking will analyse the associated risks and take the necessary risk mitigation measures. This analysis will be carried out in accordance with Implementing Regulation (EU) no. 402/2013 on the adoption of a common safety method on risk evaluation and assessment. Moreover, the parties will make additional arrangements regarding the exchange of (safety) information as referred to in Article 4 of Regulation (EC) no. 1078/2012.

Use of ERTMS

When railway undertakings (but also suppliers of ERTMS railway vehicles and ERTMS on-board equipment) want to use the ProRail ERTMS Integration Lab (PREI, see Appendix 23, part 38) for ESC checks within the context of railway vehicle approval, they must first contact inzet.spoorvoertuigen@prorail.nl before requesting access to the lab.

Controlling the quality of railway vehicles

Insofar as not agreed otherwise in the Access Agreement, the railway undertaking guarantees when running own railway vehicles (lease/purchase/long-term rental) the demonstrable use of measurement data regarding the quality of the running surface of wheels, insofar as said railway vehicles are used on route sections provided with Quo Vadis measurement points (more information about Quo Vadis, see section 7.3.7.1 and Appendix 23 item 31).

3.4.2 Requirements with regard to operations and personnel

The railway undertaking shall ensure that the personnel and auxiliary persons deployed at its responsibility in the sense of the Railways Act, have received sufficient instructions concerning the safety aspects and the proper execution of operating processes.⁷⁰

Service personnel

Insofar as not agreed otherwise in the Access Agreement, the railway undertaking guarantees operations subject to the conditions below.

1. In 40 km/h areas and after passing a signal that prescribes a maximum speed of 40 km/h, the driver will – except in case of standstill - not use any means of communication other than the safety related communications with the movements inspector.
2. The change of drivers will only take place when the train is stationary.
3. The railway undertaking ensures the safe performance of checks of and work on railway vehicles at railway yards and will provide its personnel with the necessary training and/or instructions. During management and maintenance, ProRail ensures that the existing railway network and facilities, including stabling yards and Railway yards, can be used safely.
4. The railway undertaking ensures that personnel will only be present on or along the railway tracks in a safe manner and will provide its personnel with the necessary training and/or instructions. ProRail will provide the railway undertaking with easily accessible information on the location of the crossings, tunnels and traverses. ProRail will strive to also promptly provide information on the location of walkways, pedestrian routes, escape routes and parking spaces on railway yards via the [ProRail Logistics Portal](#).
5. When carrying out work on railway yards, the railway undertaking will ensure that the driver of a moving train does not experience nuisance from the use of light sources and vehicle (lights).

⁶⁹ Section 26p Railways Act in conjunction with Section 23 [Railway Vehicles Service Regulations 2020](#).

⁷⁰ Section 22(2)(d) and Sections 49 to 54 Railways Act.

3.4.3 Exceptional transport

Railway vehicles, including loads, which do not meet the statutory requirements or the limit values for normal traffic as described in section 4.7 can in certain cases - in so far as allowed by law and without prejudice to statutory obligations in terms of exemptions - nevertheless be allowed to participate in traffic, subject to the conditions applicable to [Exceptional Transport](#).

The exemptions from other statutory requirements are granted by the ILT. If the load of a railway vehicle is located outside the applicable vehicle gauge (OPS)⁷¹, but within the so-called Red Measuring Area⁷² (see Appendix 12) the railway undertaking shall report this to ProRail, which may prompt instructions.⁷³

The conditions for out-of-gauge loads as well as information about these conditions can be requested from ProRail's One-Stop Shop (for contact details, see section 4.2.4). For a description of the service relating to Exceptional Transport, see section 5.4.3.

3.4.4 Dangerous goods

The transport of dangerous goods by rail is governed by the Carriage of Dangerous Goods Act, the Decree on the Carriage of Dangerous Goods and the Regulation for the carriage of dangerous goods by rail, which incorporates the Regulations concerning the International Carriage of Dangerous Goods by Rail (RID)⁷⁴ into Dutch legislation.

For a number of elements of the railway network qualified as "structure within the sense of the Housing Act"⁷⁵ (such as railway tunnels), user restrictions are in effect on the basis of which the transport of dangerous goods over those parts of the railways is restricted or even prohibited; see also section 2.4.1.

The handling and stabling of wagons containing dangerous goods is only permitted on railway yards specially equipped for such (see section 2.4.3), under the terms of the environmental permit granted for the yard in question.

The railway undertaking must provide ProRail with all the information required by the network manager before the departure of a train carrying dangerous goods.⁷⁶ ProRail shall receive the UN number and the hazard indication number of those dangerous goods, as well as of their position in the train⁷⁷.

The railway undertaking shall ensure that ProRail at all times during the transport of dangerous goods (including the stay at a railway yard during transport) has prompt and trouble-free access to the load specifications of wagons with dangerous goods, as well as the location of those wagons in relation to the other wagons of the railway undertaking in the train.⁷⁸

Regulation to be agreed upon

- ▶ ProRail wants to lay down in the Access Agreement whether the operational activities of the railway undertakings include the transport of dangerous goods, and if so, include agreements in the Access Agreement on the method:
 - of data relating to that transport (see section 6.2.5 Provision of load specifications);

⁷¹ See Section 10(2) Rail Traffic Decree in which reference is made to the Railway Vehicles Service Regulations 2020.

⁷² As referred to in Section 10(3)(a) Rail Traffic Decree and Section 40a Rail Traffic Regulations and as included in Annex 8 to the Rail Traffic Regulations. See also Appendix 12 to this Network Statement.

⁷³ Section 10(3) Rail Traffic Decree.

⁷⁴ Annex C to the Convention concerning the international carriage by rail (COTIF).

⁷⁵ Section 1 Housing Act.

⁷⁶ Section 25 Rail Traffic Decree in relation to Section 4.2.2.7.2 TSI 'Operations and Traffic Control'.

⁷⁷ Section 1.4.3.6b RID.

⁷⁸ Section 1.4.2.2.5.in conjunction with 1.4.3.6b RID.

- of provision of loading data and wagon sequence data in trains and on railway yards takes place (see section 6.2.6 Provision of information on sets of wagons or (a group of) opposite freight wagons at railway yards).

If the operating activities of a railway undertaking includes the transport of nuclear substances, further agreements within the context of the Access Agreement will be made prior to the transport. Insofar as these agreements require any effort on the part of ProRail and/or its auxiliary persons, the related actual costs are for the risk and account of the railway undertaking. ◀

3.4.5 Test trains and other special trains

The ILT, on behalf of the Minister of Infrastructure and Public Works, can issue a temporary user licence for the performance of test runs with railway vehicles on the main railway network. Questions about realising these test runs can be put to ProRail via the email address accountmanagement@prorail.nl.

3.4.6 Requirements relating to information provision

The railway undertaking shall continually provide ProRail with the information it requires concerning the use of the infrastructure. Examples of such information are:

- The information that the railway undertaking includes in its capacity requests (see request data in Chapter 4 and in Chapter 7 for stabling and shunting capacity). This will include the information necessary in advance for the capacity allocation systems and analysis of the tractive power supply system (see Appendix 8, item 2.2). The railway undertaking shall provide ProRail with specific additional data for capacity requests for the Kijfhoek yard with the hump and shunting facilities. For this, see item 3 of Appendix 8.
- The information that the railway undertaking provides immediately prior to and during actual use of the main railway network.
- The information that the railway undertaking provides on expiry of a certain period of time, and which relates to actual use, traffic and transport during said period, in particular for the control of noise emissions (see Appendix 8).
- The particulars of the types of railway vehicles that railway undertakings must make available to ProRail (see section 3.4.1 and Appendix 8).
- Information on activities by the railway undertaking within structures, in the sense of the Environmental Management Act, of the main railway network that are subject to a reporting duty on the part of ProRail.
- ETCS loggings for fault analyses.
- In order to be able to identify the causes of complex ERTMS (chain) problems in technology, process or operation/use, periodic analyses are carried out jointly by the railway undertaking and the network manager. For these analyses, the railway undertaking shall make relevant raw data from railway vehicles (e.g. ARR data, JRU data and RTM data) available to ProRail to the extent permitted by the railway vehicle contracts. ProRail shall make the relevant QATS data from the railway vehicles available to the railway undertaking on request. In the event of safety-related malfunctions, the parties will safeguard the data within 24 hours and make it available to the network manager as soon as possible upon request.
- For the purpose of the management and development of the railway network in relation to the capacity requirement of the railway undertaking, the railway undertaking shall provide transport data in the form of station relationship matrices (origin - destination) of an average working day, morning peak hour, evening peak hour, average weekend day and year. The railway undertaking shall cooperate if ProRail requests comparable data regarding the Dutch railway network for this purpose from the platform that carries out public transport transactions in the Netherlands (Translink).
- For the purpose of testing transfer risks for passengers in the area of platform safety, via the Platform Safety Risk Model (see the [ProRail Logistics Portal](#)) or a further situational analysis, the railway undertaking shall provide information on the number of passengers entering, leaving and transferring (per station and) platform side.

- For the purpose of utilisation of railway yards up to 10 years into the future, ProRail asks railway undertakings to indicate their capacity needs so that ProRail can take them into account when building infrastructure in yards.

Reports to meet the duty resting on railway undertakings to provide statistical data.

Railway undertakings are under legal obligation to provide statistical data about their traffic to the Central Bureau of Statistics (CBS).

ProRail is prepared, following receipt of an authorisation to this effect by the railway undertaking, to furnish data available to ProRail directly to the Central Bureau of Statistics.

Regulation to be agreed upon

- ▶ By means of the Access Agreement, railway undertakings and ProRail make further agreements on the modality of information transfer, both as prescribed by law and under the terms of the Access Agreement. Parties can determine in the Access Agreement that information that serves several purposes need only be supplied once by the railway undertaking. ◀

4 Capacity allocation

4.1 Introduction

In this chapter, ProRail describes the procedures, rules and schedules drawn up with a view to realising an organised and fair capacity allocation process. Decisions of competent authorities or court rulings may give rise to changes in these procedures, rules and timetables following the publication of the Network Statement. In that case, a supplement to this Network Statement will be published. The capacity allocation on railway yards and stabling yards is described in Chapter 7 of the relevant service facilities (section 7.3.5.3).

4.2 Process description train path capacity allocation

4.2.1 Parties involved

The Railways Act and the Railway Capacity Allocation Decree provide further detailing of the provisions of Directive 2012/34/EU in order to allocate the capacity in a fair, reasonable and non-discriminatory manner. The allocated capacity is agreed between the titleholders and ProRail, in accordance with Section 59 Railways Act.

All parties meeting the conditions as described in section 3.2.1 can apply for capacity for the 2023 timetable. Applicants for capacity for the 2023 timetable agree to the procedures, regulations and schedules for handling of all capacity requests contained in this Network Statement. Applicants agree that ProRail will inform the other applicants of the requested capacity and the identity of the applicants involved in a conflicting request for traffic capacity. This information shall be treated confidentially by the parties concerned.

4.2.2 Process in general

Three types of processes can be distinguished:

1. *Preparation phase timetabling process*

In this phase, titleholders have the opportunity to sit down with each other and ProRail in order to agree on the capacity requests to be submitted for train paths for the timetabling process. During this phase, pre-arranged train paths (PAPs) on international freight corridors are also published definitively. (x-11 months before the start of the timetable). For the schedule of the timetabling preparation phase, see section 4.5.0.

2. *Timetabling process*

During the timetabling process, the requests for train paths submitted by the titleholders and the weekly withdrawals for management are processed into a normal timetable of 7 traffic days of 24 hours each in a standard week.

Wherever requests by titleholders and/or the weekly withdrawals complete with one another, scheduling and coordination take place.

Besides the standard week, the timetable also comprises a specification of deviations from the standard week, e.g., as a result of incidental withdrawals.

Normal timetable means the timetable at the level of recurring paths as defined in Section 4(2) in conjunction with Section 1 Railway Capacity Allocation Decree.⁷⁹ By recurring paths, ProRail means a path that is requested at least eight consecutive weeks at the same time per traffic day

⁷⁹ This is subject to Sections 44, 45 and 46 Railway Capacity Allocation Decree and the schedule set out in Annex VII to Directive 2012/34EU.

(calendar day). Extra trains for events and incidental trains must therefore be requested in the ad hoc phase.

The timetable is recorded in a capacity allocation document, possibly including appendices and/or references to Donna files, indicating the capacity allocated to the applicants. This document will form part of the Access Agreement to be concluded. The titleholder then acquires the user right to the capacity assigned to the titleholder under the terms of the capacity allocation report. Once allocated, capacity cannot be transferred to another titleholder, with the exception of cases involving titleholders, not being railway undertakings, who have concluded a Capacity Agreement with ProRail.⁸⁰ These titleholders shall leave the actual use of the capacity to a railway undertaking designated by them with which ProRail has concluded an Access Agreement (see section 3.3.3). For the schedule of the timetabling process, see section 4.5.1.

3. *Allocation in the ad hoc phase*

The ad hoc phase concerns supplements or changes to the timetable, on the basis of the First-Come-First-Served principle. This means that if several parties apply for the same capacity, the party that made the first request will be allocated the capacity. See section 4.5.3 for the schedule of the ad hoc phase. A special category of ad hoc requests are requests received after the closing date for timetabling (the so-called Late Requests), but before the capacity has been definitively allocated. This category of applications is processed in order of receipt following the adoption of the draft timetable. For the schedule of the late requests, see section 4.5.2.

4.2.3 Submitting requests for train paths⁸¹

A request for both the annual timetabling process and the ad hoc phase can be submitted:

- by means of a timetable designed via the Donna application (see section 5.3.1 and Appendix 23, item 6);
- via the Path Coordination System for international capacity requests (PCS, see Appendix 23 item 10). Use of the PCS application is compulsory when requesting Pre-Arranged Paths from the Corridor One-Stop-Shops;
- via the Order Portal (see section 5.3.1 and item 9 of Appendix 23);
- or with an own application via the Common Interface based on TAF/TAP TSI specifications.
- Or in another form to be agreed upon with ProRail.

Upon receipt, the requests are checked for the presence of the necessary data. If necessary, the applicant will be given the opportunity to amend and/or supplement the application within a specified time limit.

Trains subject to the user charge exemption scheme⁸² (due to instructions by ProRail) can only be requested on the basis of a timetable entered in Donna by the applicant or on request via the Order Portal and/or via the Capacity requests and planning and performance information service (in accordance with the TAF/TAP TSI standard).

For international requests, a transport operator shall apply for a train number via DB Netze or Infrabel and state this train number in the request. If a titleholder chooses, in case of an international request, to submit separate requests for the entire train to the various infrastructure managers (thus without using the PCS application), the titleholder is responsible for the coordination of these separate requests with regard to the border time and traffic days.

⁸⁰ Section 57(3) Railways Act.


⁸¹ Trains subject to the user charge exemption scheme (due to instructions by ProRail) can only be requested on the basis of a timetable entered in Donna by the applicant or on request via the Order Portal and/or via the Capacity requests and planning and performance information service (in accordance with the TAF/TAP TSI standard).

⁸² A zero rate applies to trains for management on behalf of ProRail. See section 5.3.1 (table at 4.2) and 5.3.3 (table at 4.2).

4.2.4 One-Stop-Shop

A network of One-Stop-Shops (OSS) represents the infrastructure managers and railway capacity allocation authorities in international traffic. In order to request an international train path, a railway undertaking need only contact a One-Stop-Shop of the country of departure, which will then initiate the entire international coordination process.

For a list of the contact particulars of the One-Stop-Shops, go to the [RailNetEurope website](#). To contact the ProRail One-Stop-Shop:

<i>organisation:</i>	ProRail, Capacity Management Capacity Allocation Department	
<i>postal address:</i>	P.O. Box 2038 3500 GA Utrecht	
<i>office address:</i>	Moreelsepark 3 3511 EP Utrecht	
<i>telephone:</i>	+31 (0) 88 231 3456 / 3457	
<i>email:</i>	oss@prorail.nl (standard) oss-bv@prorail.nl (Exceptional Transport)	

4.3 Temporary capacity restrictions

A temporary capacity restriction with consequences for traffic concerns a possession but can also be a temporary restriction regarding the speed, axle load, train length, traction, infrastructure to be used and the vehicle gauge. This last group of restrictions does not have to be caused by works. ProRail is responsible for directing the resolution of temporary capacity restrictions. For this, see section 4.3.4.

ProRail distinguishes two types of temporary capacity restrictions for work on or near the infrastructure:

1. Pattern-based temporary capacity restrictions for cyclical maintenance and inspection purposes.
2. Incidental temporary capacity restrictions for:
 - a. Replacement and/or renewal projects such as superstructure renewal, including the trains required.
 - b. Function expansion projects, including the trains required.
 - c. Works for third parties, e.g. when making changes to railway crossings.
 - d. Management work, including system tests and safety drills.

4.3.1 General Terms & Conditions

- a) ProRail, together with titleholders, ensures a transparent and efficient process, taking into account the operational and commercial interests of the parties involved.
- b) Since the determination and publication of temporary capacity restrictions takes place over a period of several years, titleholders are consulted if they have an access or capacity agreement with ProRail at that time. New titleholders shall indicate whether they wish to be involved in the process of establishing temporary capacity restrictions. Capacity restrictions already established are a given for these new titleholders.
- c) When considering the various implementation variants, ProRail takes into account its own costs and the operational and commercial consequences for titleholders, including the continuity of operating processes at railway yards (for freight processes and the service and maintenance of railway vehicles), and the consequence that the choice can lead to a different manner of transport.

- d) For incidental withdrawals at railway yards, additional traffic agreements can be made to limit the consequences such as shunting, stabling, access to terminals and for the purpose of service and maintenance to railway vehicles; this is recorded in the Btd planner.
- e) Determining temporary capacity restrictions affecting international rail traffic is the subject of coordination between ProRail and neighbouring infrastructure managers. The infrastructure managers concerned aim to ensure that the location, duration and timing of temporary capacity restrictions are such that international train traffic can, as far as possible, be diverted.
- f) In the context of determining capacity for works as described in section 4.3.3, ProRail may agree on a financial compensation to titleholder(s) in accordance with that stated in section 5.6.6.
- g) The railway undertaking shall ensure that railway vehicles stabled on tracks earmarked for possession are removed before the start of the possession unless otherwise agreed (recorded in the Btd planner).
- h) For the Zee-Zevenaar corridor and the northern and eastern Netherlands, the possibility is offered to make definitive capacity agreements after the formal publication in consultation with the contractor and transport operators (titleholders) under the direction of ProRail. This means that for certain projects and possessions (which are separately earmarked when published on x-12 and x-8) there is still room for adjustment of the capacity agreements after the publication date. This adjustment takes place under the timetabling rules and no later than six months before the start of the possession.

4.3.2 Pattern-based temporary capacity restrictions

The required capacity for pattern-based temporary capacity restrictions and weekly withdrawals, the video inspection train and other measurement trains follow the same procedure as the timetabling process for traffic (see 4.2.2).

4.3.2.1 Weekly withdrawals

The required capacity for weekly withdrawals is determined in terms of volume, frequency and location (route sections/railway yard). For incidental withdrawals at railway yards, additional traffic agreements can be made to limit the consequences for freight and passenger traffic, such as shunting, stabling, access to terminals and for the purpose of service and maintenance to railway vehicles. This is recorded in the Btd planner.

The Btd planner shows the state of affairs regarding the weekly withdrawals, including agreements on the stabling of railway vehicles and cutting of the power supply. The weekly withdrawals are also recorded in Donna. The BTD planner is leading if there are differences between the two systems.

4.3.2.2 Video inspection train and other measurement trains

The capacity required for measurement trains is requested in various ways, see the Capacity for Management procedure book on the [ProRail Logistics Portal](#). During the timetabling process for traffic, the runs of the video inspection train are inserted in the form of train paths on the open track and shunting at railway yards. At locations where deployment of the video inspection train ultimately proves impossible, capacity for carrying out a walking inspection is submitted. The other measurement trains are inserted during the ad hoc phase according to this procedure.

4.3.3 Capacity restrictions for works

The following process steps are involved in determining capacity restrictions:

1. Drawing up starting points for the scheduling of capacity restrictions

The principles for the scheduling of temporary capacity constraints are described in the Corridor Book 2023, which is available on the [ProRail Logistics Portal](#). If, as a result of a temporary capacity restriction, competition exists between a weekly withdrawal and traffic to be rerouted, the weekly withdrawal will lapse. The Corridor Book describes how and under what conditions different types of trains can be rerouted because of the capacity restriction on the normal route.

2. Announcing the proposed capacity restrictions

ProRail will announce the intended capacity restrictions prior to the start of consultation with titleholders. These restrictions can be announced per project, per route section or for the entire railway network and can be traced back to the project level.

3. Consultation

During consultation on the proposed capacity restriction, the titleholders concerned can request changes. The titleholders involved will provide insight into their interests and can make proposals for solutions. ProRail investigates whether and how the interests of titleholders can be met and makes this transparent. This may lead to further consultation.

4. Determining the capacity restriction

After completion of the consultation, the capacity limitation will be published. If ProRail or titleholder wishes to change the established capacity restriction and this concerns an addition, the ad hoc rules apply (see section 4.3.4 under b). The rights of previously established capacity limitations remain applicable

If the previously made agreement (the capacity restrictions together with time and scope of the project) is renegotiated, the capacity restriction as a whole will be redefined under the ad hoc rules (see section 4.3.4 under b).

When scheduling capacity restrictions, large public events are taken into account as much as possible with a view to the feasibility of the alternative transport product. Titleholders shall inform ProRail of these events in good time when drawing up the basic principles for the scheduling of capacity restrictions, see point 1 above.

The four different categories of temporary capacity restrictions for traffic are defined in Table 4.1⁸³. This table also shows the moment at which temporary capacity restrictions are coordinated with the neighbouring infrastructure managers.

Table 4.1 Categories of capacity restrictions

cate-gorie	capaciteits-beperkingen met	duur van de aaneengesloten capaciteitsbeperking	de gevolgen voor het treinverkeer	coördinatie met de naburige inframanagers
Z	zeer grote gevolgen voor verkeer	meer dan 30 dagen	meer dan 50% van het dagelijks verwachte verkeer	18 maanden voor start nieuwe dienstregeling
G	grote gevolgen voor verkeer	meer dan 7 dagen	meer dan 30% van het dagelijks verwachte verkeer	13,5 maanden voor start nieuwe dienstregeling
M	middelgrote gevolgen voor verkeer	7 dagen of minder	meer dan 50% van het dagelijks verwachte verkeer	13,5 maanden voor start nieuwe dienstregeling
B	beperkte gevolgen voor verkeer	niet bepaald	meer dan 10% van het dagelijks verwachte verkeer	niet bepaald

Table 4.2 shows at which moment a certain type of temporary capacity restriction is published for a relevant timetable year.

⁸³ As referred to in Annex VII of Directive 2011/34/EU.

Table 4.2 Publication times capacity restrictions

cate-gorie	capaciteits-beperkingen met	december 2021	april 2022	augustus 2022	december 2022
Z	zeer grote gevolgen voor verkeer	2e publicatie 2023; 1e publicatie 2024	capaciteitsbeslag 2023	niet aan de orde	2e publicatie 2024; 1e publicatie 2025
G	grote gevolgen voor verkeer	2e publicatie 2023; 1e publicatie 2024	capaciteitsbeslag 2023	niet aan de orde	2e publicatie 2024; 1e publicatie 2025
M	middelgrote gevolgen voor verkeer	publicatie 2023	capaciteitsbeslag 2023	niet aan de orde	publicatie 2024
B	beperkte gevolgen voor verkeer	niet aan de orde	niet aan de orde	capaciteitsbeslag 2023	niet aan de orde

In addition to the publications, the Btd planner system always indicates the current status of the capacity required by ProRail for works.

In the long-term planning (at least 36 months prior to execution) of major maintenance or renewal of the infrastructure, ProRail will consult with the titleholders on an annual basis in order to take their opinions into account as much as reasonably possible.

The sections below describe in more detail how ProRail handles the temporary capacity restrictions.

4.3.3.1 Publishing capacity restrictions 24 months in advance

Twenty-four months prior to the start of the new timetable, ProRail, via the capacity allocation letter, publishes the temporary capacity restrictions for works (as far as known) that have serious consequences for rail traffic. This concerns a withdrawal of more than 30 consecutive days (respectively more than 7 consecutive days) for which more than 50% of the daily expected traffic (respectively 30%) must be rerouted, cancelled or replaced by alternative transport.

At the request of titleholders, ProRail will during the first consultation round provide at least two alternative performance variants. The designs of the performance variants shall sufficiently meet the expressed wishes of titleholders.

The publication contains:

- The duration of the capacity restriction.
- The route section to which the restriction applies.
- The planned days.
- The part-day and start & end times as soon as these are known.

4.3.3.2 Publishing capacity restrictions 12 months in advance

Twelve months before the start of the new timetable, ProRail publishes the following temporary capacity restrictions for works via the capacity allocation letter:

1. The updated capacity restrictions that have very significant or major consequences for rail traffic as described in section 4.3.3.1.
2. Additional capacity restrictions with a (very) impact on rail traffic.
These are capacity restrictions which became known after the first publication.
3. Capacity restrictions with medium consequences for rail traffic.
This concerns withdrawals of 7 consecutive days or less where more than 50% of the daily expected traffic shall be rerouted, cancelled or replaced by alternative transport, insofar as these withdrawals have an impact on international rail traffic. The withdrawals that do not affect international rail traffic can follow this procedure or the procedure described in section 4.3.3.1.

This publication contains:

- The duration of the capacity restriction.
- The route section to which the restriction applies.
- The planned days.
- The part-day and start & end times as soon as these are known.

ProRail will consult the titleholders prior to this publication.

4.3.3.3 Publishing incidental withdrawals 8 months in advance

Eight months before the start of the new timetable, ProRail publishes the incidental withdrawals that a) have serious b) major or c) medium consequences for rail traffic. The manner in which these incidental withdrawals are published concerns the capacity (withdrawn tracks and duration), the date and, if known, the start & end times. The starting point is that these incidental withdrawals fit within the previously published capacity restrictions.

It is possible that changes to already determined capacity restrictions or a new capacity restrictions, which are submitted 12 months before publication, will as yet become part of the publication of the incidental withdrawals. The following conditions are set for this:

- New requests will be considered if ProRail can demonstrate, on the basis of a written substantiation, that this adjustment could not reasonably have been foreseen and that the implementation shall take place in the relevant timetable year.
- Changes to capacity restrictions that have already been determined will be considered if ProRail or the titleholder can demonstrate, on the basis of a (written) substantiation, that this change was not foreseeable.
- Changes to established capacity restrictions will be considered if ProRail (e.g., due to changes to work) or the titleholder (e.g., due to events becoming known at a later date) can demonstrate, on the basis of (written) substantiation, that this change was unforeseeable.

4.3.3.4 Publishing incidental withdrawals 4 months in advance

Four months before the start of the new timetable, ProRail publishes the incidental withdrawals that have limited consequences for rail traffic. Limited consequences for rail traffic means a withdrawal for which more than 10% of the daily expected traffic shall be rerouted, cancelled or replaced by alternative transport. The manner in which these incidental withdrawals are published concerns the capacity (withdrawn tracks and duration), the date and, if known, the start & end times.

ProRail can submit these incidental withdrawals to titleholders no later than six and fifteen days before the start of the new timetable.

4.3.3.5 Details offered train paths

Details of the train paths to be offered as a result of the capacity restrictions are given no later than 4 months before the start of the incidental withdrawal for passenger trains and no later than one month for freight trains. In order to be able to offer the train paths in question on time and in accordance with the agreed specifications, ProRail manages the rescheduling of traffic as a result of possessions (PreVAB and VAB process). The manner in which this takes place is described in the Corridor Book 2023, see the [ProRail Logistics Portal](#).

ProRail works closely with neighbouring infrastructure managers to ensure good connections of rerouted trains at border crossings. If the rescheduling of traffic does not lead to consensus, the titleholders involved undertake to redistribute traffic via the coordination procedure (see the [ProRail Logistics Portal](#)) within 10 working days.

4.3.4 Ad hoc capacity for work

- a) Ad hoc capacity for works may be required after the publication dates at eight and four months before the start of the timetable. ProRail will determine a capacity restriction if:

- i. Irregularities occur / threaten to occur⁸⁴ which make it impossible to comply with laws and regulations or which endanger safe and undisturbed movement of trains (or operations on the infrastructure)⁸⁵.
 - ii. There are impactful disruptions.
 - iii. Postponement of works is not cost effective or could lead to undesirable damage to the condition of the railway network or its lifespan.
 - ProRail will clarify the need for these adjustments on the basis of written substantiation and will consult the relevant titleholders immediately in order to determine the capacity restriction. If necessary, capacity rights will be withdrawn and, where appropriate, traffic will be reallocated in order to optimise the execution of works and the remaining timetable. If the change results in a different (replacement) train path, which means that extra kilometres have to be driven, then compensation is paid for the extra user charge. The compensation for freight transport operators is standardised and laid down in section 5.6.7.
 - ProRail endeavours to carry out these works as much as possible during a weekly withdrawal or to coordinate the date and times of the withdrawal in advance with the titleholders concerned.
 - paragraph (iii) is subject to the condition that the time of performance is established in accordance with time periods set out in section 4.3.3.5.
- b) It is also possible to make other types of adjustments after the two publication moments at 8 and 4 months before the start of the new timetable. ProRail or the titleholders are permitted:
- To make an addition or change that was not reasonably foreseeable and that will be carried out in the relevant timetable year; the need for this change will be substantiated in writing.
 - ProRail and the titleholders will cooperate in this alteration; determination only takes place with the consent of capacity holders who are affected by this alteration.
 - If there is no consensus, the dispute will be resolved in accordance with the dispute resolution procedure within ten working days of the dispute being submitted.
 - Titleholders who are capacity holders or ProRail may, when giving their consent, only stipulate the condition that the disadvantage they suffer by this alteration is compensated. This compensation is limited to direct operational costs, which shall be properly substantiated. If the change results in a different (replacement) train path, which means that extra kilometres have to be driven, then compensation is paid for the extra user charge. The compensation for freight transport operators is standardised and laid down in section 5.6.7.
 - A dispute regarding only the amount of the compensation will not lead to the proposed alteration not taking effect. A dispute about the compensation will be settled in accordance with Appendix 4 of the Network Statement, Complaints and Disputes Procedure.
- c) Possessions which are separately earmarked as mentioned in section 4.3. sub h can still be adjusted in the ad hoc phase. This adjustment takes place under the timetabling rules and no later than six months before the start of the possession. Compensation for these possessions is determined in accordance with section 5.6.6.

4.4 Application of framework agreements

No framework agreement was applicable for the 2023 timetable at the time of publication of this Network Statement.

⁸⁴ To be ascertained on the basis of inspections, notifications, disruptions, etc.

⁸⁵ This constitutes a further specification of the 'in case of emergency' situation as referred to in Article 9 paragraph 5 of the General Terms & Conditions.

4.5 Capacity allocation process

4.5.0 Schedule of the timetabling preparation phase

The timetabling preparation process runs from July 2021 to March 2022. The aim is to complete this process by mid-December 2021. For more information, see also section 4.5.4.1.

4.5.1 Schedule for the timetabling process

Prior to the start of the 2023 timetabling process, the specific working method for the 2023 timetabling process is explained via the Allocation Table.

Table 4.3 Schedule of the timetabling process, see also the [RailNetEurope website](#)

Activity	Date
Submitting requests	
a. Donna file open for requests	To be determined via the Allocation Table
b. closing date for timetable requests for train paths (national & international) and determination of required capacity for weekly withdrawals	11/04/22
c. Intake requests	12 to 22/04/2022
Scheduling and coordination	
d. Start of scheduling and coordination	13/04/22
e. RNE Technical Meeting	13 to 16/06/2022
Consultation on draft timetable	
f. Draft timetable ready for consultation	04/07/2022
g. closing date consultation reactions	05/08/2022
Determining the capacity allocation	
h. determining the capacity allocation	22/08/2022

4.5.2 Schedule for late requests

Late requests are in fact a special category of ad hoc requests. These are requests received after the closing date for the annual service distribution but before the final allocation of capacity (22 August 2022).

Late request applications will be processed in order of receipt after 22 August 2022. The processing of these requests must be completed by the closing of the first change sheet (17 October 2022). Requests made from 18 October 2022 onwards are subject to the regular response times set out below in 4.5.3.

4.5.3 Schedule for ad hoc requests

Requests for individual train paths in the ad hoc phase are subject to a maximum response time of five working days.⁸⁶ For multiple requests (requests for multiple train paths that are logistically linked), a specific response time is notified within five working days.

For ad hoc requests received after the final allocation but before the closing of the first change sheet (18 October 2022), the same applies as for late requests. The processing of these requests must be completed by the closing of the first change sheet (18 October 2022). From 19 October 2022, the regular response times as mentioned above will apply.

⁸⁶ In accordance with Section 5(2) Railways Capacity Allocation Decree.

Requests for new international train paths can be made up to four hours before performance. For new domestic train paths, these requests can be made up to one hour before performance. This does not apply to existing trains that are delayed or that need to be given a different time slot as a result of incidents.

4.5.4 Further description of the processes

Section 4.2 contains an overview of the processes involved in the (preparation of) capacity allocation. A further description is provided below.

In addition to and in addition to relevant legislation and regulations, the following general principles apply to the timetabling and ad hoc phase processes:

- a. The peak period as referred to in the Railway Capacity Allocation Decree is defined in the allocation process as: from 06.30 to 09.00 hrs and from 16.00 to 18.30 hrs.
- b. When allocating capacity, ProRail not only takes physical capacity into account, but also tests whether the request is in line with the prevailing standards in the areas of the environment (including noise), bridge openings, rail safety and transfer safety and whether any other restrictions to use apply, such as bridge openings (see section 2.4). The outcome of these tests could have implications for both capacity allocation (reduced or subject to conditions) and already acquired capacity rights (instructions given or withdrawn). The standards for noise and external safety are based on statutory provisions. For railway safety and transfer safety, standards arise from:
 - Changes in the capacity allocation in relation to the preceding year may not lead to an unsafe situation. A timetable risk analysis is carried out, including of the deviations from the planning standards.
 - Analysis of safety incidents in accordance with the safety management system, as well as the resolving of any shortcomings indicated by the Transport Inspectorate and/or Study Council.
 - Analysis of transfer safety based on the methodology of and the factors identified in the Platform Safety Risk Model (see the [ProRail Logistics Portal](#)), including an umbrella policy framework for platform safety.
- c. ProRail divides train paths between arrival and departure stations. The exact route between arrival and departure station at track level does not form part of the capacity allocation.
- d. The [planning standards](#) and [local particulars](#) as published on the ProRail Logistics Portal are the starting point for drawing up a timetable. The standards (which are also included in Donna) and particulars apply to all phases of capacity allocation.

ProRail can at own initiative or the request of one of more titleholders apply a lower standard, under the conditions below.

- It serves a purpose: better compliance with market requirements and/or improved utilisation.
- Any resulting delay is quickly remedied: the buffer shortfall is compensated by tolerance in the following process (running, stopping, succession, transfer or reversing).
- A workable handling strategy is available: check for undesired/spontaneous sequence changes at crossover traffic, preferably no structural need for manual intervention by traffic control.
- In the event of deviations below the technical minimum, a safety assessment has been made with a positive result, which has been established by ProRail.

4.5.4.1 Preparations timetabling purposes

Railway undertakings that intend to apply for capacity with a view to operating a passenger transport service that is not part of a concession as referred to in Section 20(1, 4) Passenger Transport Act 2000 shall report to ProRail at least 18 months before the start of the validity period of the timetable, i.e. not later than 11 June 2021 (via accountmanagement@prorail.nl).⁸⁷

⁸⁷ Section 57(4) and (5) Railways Act

Titleholders can consult with ProRail before submitting a request, in particular if the request has a pattern-like repetitive character.

The timetabling preparation process runs from July 2021 to March 2022. The aim is to complete this process by mid-December 2021. In addition to the medium-term process (MLT) process (see also the [ProRail Logistics Portal](#)), it is possible in this preparatory process to study modifications to the timetable that arise from practical experience or from the optimisation wishes of transport operators. Furthermore, this process focuses on the performance of quality tests, among other things by means of simulations, in which results can also be returned to the MLT process to be included in capacity development issues. If no agreement can be reached on the timetable requests, this will be determined as 'agree to disagree'.

Offer of pre-arranged train paths

Prior to the capacity allocation process, the infrastructure managers in Europe cooperating in the rail freight corridors present a programme of pre-arranged paths. For information on requesting train paths, see section 4.2.3.

The pre-arranged paths created during this phase are published on the website of the corridor organisation for which the pre-arranged paths are intended. This publication takes place in January 2021, after which the pre-arranged paths are treated as determined within the context of the further allocation process.

Process rules for the allocation of predetermined train paths on the international rail freight corridors are described in Book 4 of the Corridor Information Document (see section 1.7.1) of the rail freight corridors. When allocating capacity on the pre-arranged train paths (PAPs), the infrastructure managers of the Rail Freight Corridors apply the rules set out in the document '*Decision of the Executive Board of the Rail Freight Corridor adopting the Framework for capacity allocation*'. This document can be consulted on the websites of the various freight corridors via the following links:

- [Rail Freight Corridor Rhine – Alpine](#)
- [Rail Freight Corridor North Sea – Mediterranean](#)
- [Rail Freight Corridor North - Sea Baltic](#)

It is also possible to check on these sites what the process rules are for the ad hoc phase with regard to the reserved capacity for the Rail Freight Corridors.

See section 4.5.4.2 for information on the estimation of likely applications for freight transport and private passenger transport (Reservation of capacity).

4.5.4.2 Timetabling process

After receiving the timetable requests, the phase of scheduling and coordination of the timetabling process starts and all requests are integrated into one timetable. ProRail draws up a draft timetable in which the results of the scheduling and coordination up to that point have been included and offers it for consultation on 4 July 2022.

Standard goods paths have been established for freight transport. These are further detailed in Appendix 22 'Standard freight paths'. These standard paths play a role when applying prioritisation as prescribed by the Railway Capacity Allocation Decree.

ProRail seeks harmonisation with other infrastructure managers in Europe during the scheduling and coordination process. This is further detailed in the RNE document "RNE Process Handbook for International Path Allocation for Infrastructure Managers", available for consultation on the [RailNetEurope website](#). ProRail also coordinates requests for the Havenspoorlijn with the connected terminals.

Reserved capacity

ProRail uses actual figures, prognoses and the required flexibility to prepare an estimate of the expected applications for freight transport and private passenger transport in the period from 06:00 to 24:00 hours. This estimate secures the required standard freight paths for the timetable requests and the required capacity for ad hoc requests in accordance with Section 13(3) Railway Capacity Allocation Decree. The estimate is made in several steps (all steps only for daytime between 06.00 and 24.00):

1. The realisation figures per freight corridor (between 06.00 and 24.00) of the last full calendar year are increased by 50%.
2. This arithmetical estimate is adjusted according to a number of predefined basic principles:
 - a. On Kijfhoek - Venlo vice versa, additional freight paths are taken into account in connection with the construction of the third track Emmerich - Oberhausen. The exact number of freight paths will be made known in the estimate.
 - b. The minimum number of estimated standard freight paths on national sections is at least three freight paths during the daytime if there is no alternative route, with a reasonable spread between 06:00 and 24:00 taking peak hours into account.
 - c. The minimum number of estimated standard freight paths on the international corridors is at least three four paths during the daytime if there is no alternative route, with a reasonable spread between 06:00 and 24:00 taking peak hours into account.
3. The estimate will be adjusted on the basis of prognosis figures if there is reason to do so.
4. The estimate will be consulted via the Allocation Table before the closing date for timetable requests. If the need of the titleholders for reserved standard goods paths is higher than included in the estimate, the titleholders can substantiate their need. ProRail can then adjust the estimate on the basis of the justified needs of the titleholders.

If, during the programming and coordination process in the timetabling process, the timetable requests are fundamentally different than expected or if the needs of the titleholders are fundamentally different due to new insights, the estimate can be adjusted.

The reserved paths resulting from the timetable process remain reserved for the intended use until one day before performance. If the reserved capacity for freight transport and private passenger transport remains unscheduled one day before performance, ProRail may use this capacity for other market segments.

Scheduling

During scheduling, ProRail identifies the situations in which requests compete with each other and/or with the capacity required for pattern-based work in weekly withdrawals.

Coordination

Coordination is started for those cases in which competing requests are ascertained. As the first step in this coordination process, ProRail can within reason make changes to the original request with a view to optimising the use of the network capacity and honouring as many requests as possible. ProRail applies the following principles:

- General:
 - Rail deviations, with retention of function.
- Specifically for passenger trains:
 - Deviations in time of up to three minutes and not leading to the deployment of additional railway vehicles and/or personnel.
- Specifically for freight trains:
 - The cancellation or relocation of stops, unless the transport operator has indicated in its request to have a commercial or logistics interest in a stop.
 - Freight trains can be scheduled by ProRail in the pattern paths included in the request file.
 - On the Betuweroute: deviations in time from minus 10 minutes to plus 20 minutes and not leading to extra use of railway vehicles or personnel.
 - The adjustment of timetable speeds if the train with the same locomotive/wagon combination can also achieve that speed on another part of the route section, and the infrastructure can accommodate such.

These principles are subject to the following preconditions:

- no connections may be broken
- no earlier departure of passenger trains
- border times are not adjusted
- no stops are added
- no stops are passed by passenger trains

- train characteristics are not adjusted

If no solution for competitive requests is found within the guidelines, coordination will take place with the applicants involved. In the event of competing requests, the parties concerned shall endeavour to reach a solution. In case of requests by titleholders that compete with one another, ProRail can attempt to reach agreement by raising the user charge.⁸⁸ The increase is calculated in accordance with section 5.6.5.1 Capacity surcharge.

The coordination procedures are subject to the process rules below.

- 1 Scheduling and coordination consultation with the authorised parties for the timetabling process takes place at the Allocation Table.
- 2 The identified conflict situation is communicated to all applicants involved.⁸⁹
- 3 The applicants involved are invited for further consultation on the situation, possibly on the basis of a coordination proposal by ProRail.
- 4 All applicants involved are invited to submit proposals for solution.
- 5 Solutions must fit within the usability of the railway infrastructure, taking into consideration planning standards, local particulars and user restrictions such as noise, rail safety and transfer safety.
- 6 The objective is to find solutions in which (taking process rule 5 into account) the capacity request is granted as much as possible, the commercial and operational relationship within the requested capacity is disrupted as little as possible, and the economic consequences of deviations from the requested capacity are as limited as possible. The statutory priority rules need not yet be applied in seeking solutions.
- 7 The border-crossing times agreed upon with the context of RNE are maintained. If a deviation is necessary, a new border time is agreed with the infrastructure manager concerned and offered to the transport operator.
- 8 The proposals presented by ProRail are compatible with the timetable measures as included in capacity enhancement plans.

If the applicants involved and/or ProRail are unable to reach agreement, ProRail will determine the allocation in accordance with applicable laws and regulations⁹⁰. If the priority rules are insufficiently distinctive, the following rules apply, stated in order of priority:

- a. 'Transport takes precedence over traffic.' This means that trains intended for the commercial transport of passengers or freight have priority over trains (passengers or freight) that are not commercial transport.
- b. On the route Meteren Aansluiting – Zevenaar Grens (return), freight trains with their final destination or first origin in the area bounded by the stations Emmerich – Voerde – Oberhausen – Bottrop – Gladbeck – Gelsenkirchen – Herne – Duisburg – Rheinhausen take precedence over freight trains with another origin or destination. Freight trains with a shorter distance between Zevenaar Grens and the origin or destination in this area (return) take precedence over freight trains with a longer distance, insofar as appropriate, within the possibilities offered by DB Netz.
- c. On the centrally controlled area of Venlo railway yard, freight trains with onward travelling locomotive or that change direction there take precedence over freight trains changing locomotives on the route Eindhoven – Venlo Grens (return).
- d. On the route Meteren Aansluiting – Zevenaar Grens (return), freight trains that experience a length or tonnage restriction in case of rerouting take precedence over freight trains that would not experience those restrictions.
- e. The highest possible utilisation (transport/ traffic) is accommodated within given environmental capacity limits (noise and risk).
- f. Through trains on the Betuweroute have priority over non-through trains (trains with an intermediate stop or turning trains).

⁸⁸ In accordance with Section 7(1) Railways Capacity Allocation Decree.

⁸⁹ If further substantiation/data is requested for the coordination process, these data may be considered as confidential by the applicants concerned.

⁹⁰ In accordance with Sections 8 to 13 Railway Capacity Allocation Decree.

4.5.4.3 Allocation in the ad hoc phase

The First Come First Serve principle applies in the ad hoc phase. The time stamp of the request made, regardless of the request method used, is leading. Requests that fit without conflict within the already allocated capacity can be allocated by ProRail. Requests that cannot be fitted within the already allocated capacity without conflict can only be accepted if holders of already allocated capacity allow changes so that a new request can be fitted in without conflict. ProRail may be asked to mediate in conflicts but has no means of enforcing the changes required to accept a new request. ProRail will communicate within the periods specified in section 4.5.3 whether a new request can be accommodated.

It may arise that capacity rights that have been allocated to two titleholders prove to be conflicting due to circumstances (e.g. due to changes in the railway infrastructure). In that case the capacity will be reallocated under the management of ProRail, in accordance with the capacity reallocation procedure. The 'Capacity reallocation procedure' is available on the [ProRail Logistics Portal](#).

4.5.4.4 Train numbering

With a view to avoiding any misunderstanding in communication concerning trains, all trains are identified by means of a train number that is unique within a single day. These same train numbers are used in requests for capacity allocation, the recording of capacity allocation and for administrative purposes (such as the billing of user charges).

Domestic train numbers

ProRail concludes agreements for each timetable year with each of the railway undertakings on the numbers to be used for domestic traffic. These agreements also comprise the handling of supplements and changes during a timetable year.

Train numbers for international traffic

Train numbers for international traffic for freight transport and passenger transport are allocated according to UIC leaflet 419-2 and UIC leaflet 419-1, respectively. by:

- DB Netze (traffic to and from Germany and onwards),
- Infrabel (traffic to and from Belgium and onwards).

The railway undertaking operating a train from or to the Dutch-German border over the German network request the international train numbers from DB Netz for traffic over the Dutch-German border. The railway undertaking operating a train from or to the Dutch-Belgian border over the Belgian network request the international train numbers from Infrabel for traffic over the Dutch-Belgian border. DB Netz and Infrabel communicate the allocation of international train numbers directly to ProRail.

Recording

The train numbers (both domestic and international) are recorded by the network manager in the TNR application (see Appendix 23, item 13). This application can be accessed on the [ProRail Logistics Portal](#). The train number list in the application is continuously updated. Railway undertakings can at no expense acquire a subscription to the TNR application and view and/or export a current train number list at any time.

The railway undertaking can submit proposals for changes to domestic train numbers via trainnumbers@prorail.nl (via DB Netz or Infrabel for foreign train numbers). ProRail will within three working days process any interim changes to the current timetable as submitted by the railway undertakings. These changes will come into force five working days after handling and mutual approval. Renumbering in no way affects capacity rights. ProRail and the railway undertaking will apply the current train numbering sequence as provided by the TNR application.

4.5.4.5 Ancillary systems

The table below lists the ancillary applications and information services that can be used for capacity location or in preparation thereof. The second column of this table gives a brief description of the functionality. The third column of this table contains a reference to the appendix for a detailed explanation.

Within these facilities, a distinction is made between facilities made available from the train path service (see section 5.3.1) and facilities available as an ancillary ICT service (see section 5.5). There are additional costs associated with ancillary ICT services.

Table 4.4 Ancillary systems

Name	Function	For further information, see
<i>From train path</i>		
Donna	Planning and recording of train paths for the basic hour pattern, standard week and specific days.	Appendix 23 - 6
Btd planner	Information on capacity for management purposes.	Appendix 23 - 7
Btd planner reports	An excerpt from the information from the Btd planner system.	Appendix 23 - 8
Order Portal ⁹¹	Submit capacity requests for train paths in the Netherlands.	Appendix 23 - 9
PCS (via RailNetEurope)	Submitting international capacity requests and receiving capacity offers.	Appendix 23 - 10
LOA Online	Submitting, handling and recording of local orders for shunting routes.	Appendix 23 - 11
RMS Client ⁹²	Real-time information on train movements and planning of the process tracks line belonging to the railway yards of the Betuweroute.	Appendix 23 - 12
Mijn Treinen	Overview of all freight transport operator related scheduled trains for the next 24 hours. With the possibility for the railway undertaking to perform certain interventions.	Appendix 23 - 40
TNR	Information on the allocation of train numbers to railway undertakings.	Appendix 23 - 13
Capacity requests and planning & performance information (according to TSI TAF/TAP standard)	The submission of capacity requests for train paths, the sending of offers of train paths, the changing of train paths and cancellation of train paths, border alignment and the changing and cancellation of train paths by ProRail on the basis of the TAF/TAP TSI messages: This service can also provide up-to-date planning and execution information based on the TAF/TAP TSI messages.	Appendix 23 - 21
<i>Ancillary ICT services</i>		
FRISO	Simulation tool for infrastructure studies, capacity, robustness and safety analyses, innovation studies.	Appendix 23 - 35

4.5.5 Dispute resolution

Coordination involves technical consultation between experts. Experts can have a difference of opinion resulting in a deadlock in case of a conflict. In order to maintain progress in the capacity allocation process, use is made of a dispute resolution scheme that produces a decision within 10 working days.⁹³

An applicant or ProRail has the possibility to initiate dispute resolution during the timetabling coordination phase but no later than 10 working days before the determination of the capacity allocation of the timetable, in case of coordination between two or more conflicting applications. A titleholder can also invoke the dispute resolution regulations if it feels prejudiced by the manner in which ProRail, in determining the capacity allocation, has deviated from the draft timetable presented by ProRail on an earlier occasion; in such a case, the titleholder must invoke the dispute resolution regulations within 5 working days of determination of the capacity allocation by ProRail.

⁹¹ Depending on the budgeted number of train paths, a number of subscriptions are made available per titleholder for the Order Portal facility. Purchase above this number is considered an ancillary ICT service for which costs are charged.

⁹² Developments are underway within ProRail to replace RMS Client with Feniks in the course of 2023. As soon as this service is available, you will be informed by means of a supplement to the Network Statement.

⁹³ See Article 46(6) Directive 2012/34/EU and Section 4a Railway Capacity Allocation Decree Besluit.

The dispute resolution procedure prescribes a meeting whereby the stakeholders will be offered a fair hearing with the objective of resolving the conflict during the coordination process. If no solution is achieved, the chairman will pronounce his decision - to the Allocation Table - within 10 working days of the dispute being submitted. This decision then serves as the point of departure for further coordination. In case of a conflict between a request by a titleholder and the required capacity for scheduled work on or near the main railway network, weekly withdrawals or the reserved paths of the ad hoc estimate, the dispute will be handled by an independent third party, who will be appointed by ProRail with the approval of the titleholders. Handling of the dispute will in that case produce an advice from which ProRail may only for good reasons deviate in its capacity allocation. ProRail will communicate these reasons to the titleholders involved.

4.6 Congested railway infrastructure

Capacity bottlenecks can be signalled during the timetabling process or following a forecast of capacity requests for the near future. Bottlenecks may concern physical or other limitations (including noise and rail safety) of the capacity. This could lead to ProRail declaring parts of the railway infrastructure congested.⁹⁴ Following a congestion statement, ProRail will perform a capacity analysis⁹⁵ within 6 months. Within 6 months of completion of the capacity analysis, ProRail will draw up a capacity-enhancement plan⁹⁶ in consultation with the titleholders involved. Using a cost-benefit analysis, ProRail will establish the most cost-effective solution for the capacity-enhancement plan. Solutions can take the form of changes in either the infrastructure or the timetable.

4.7 Exceptional transport⁹⁷

4.7.1 When is Exceptional Transport (freight and passenger traffic) assumed?⁹⁸

Exceptional Transport applies in case of:

- a. The running of high-speed passenger trains longer than 400m.⁹⁹
- b. The running of freight trains longer than 740m.¹⁰⁰
- c. The running of trains that are not suitable for a running speed of at least 60 km/h on route sections with a line speed \geq 80 km/h.
- d. The running of railway vehicles, the vehicle gauge of which exceeds the loading gauge for that route section.¹⁰¹
- e. The running of trains that include railway vehicles that exceed Loading Class C2.¹⁰²
- f. The running of trains or vehicles under an exemption granted pursuant to the Railways Act, whereby specific conditions are to be agreed with the network manager.¹⁰³
- g. The running of railway vehicles which under the terms of the UIC regulations (IRS 50502) are qualified as Exceptional Transport.

⁹⁴ The congestion statement is available for consultation on the [ProRail website](#). See also Appendix 10, item 3 of the Network Statement.

⁹⁵ This ensues from Section 7(2)(a) Railway Capacity Allocation Decree and can be consulted on the [ProRail website](#).

⁹⁶ This ensues from Section 7(2)(c) Railway Capacity Allocation Decree and can be consulted on the [ProRail website](#).

⁹⁷ See also Network Statement, section 2.3 and section 3.4.3.

⁹⁸ See also Network Statement, section 3.4.3.

⁹⁹ See Network Statement, section 2.3.8.

¹⁰⁰ See Network Statement, section 2.3.8.

¹⁰¹ See Network Statement, section 3.4.3; an exemption by the Minister of Infrastructure and Water Management under Section 38 in conjunction with Section 10(2) Rail Traffic Decree may be required.

¹⁰² See Network Statement, section 2.3.5.

¹⁰³ Section 38 Rail Traffic Decree.

h. The running of trains of which the last railway vehicle is unbraked.

In the above situations, Exceptional Transport regulations are necessary. ProRail does not admit railway vehicles as Exceptional Transport unless the applicable conditions – as prescribed in the regulations for Exceptional Transport – are met.

4.7.2 General points of departure (regulations) for Exceptional Transport

In case of Exceptional Transport, additional conditions for transport apply which are laid down in the following two distinct regulations and apply depending on the type of Exceptional Transport:

1. Standard regulations (see section 4.7.3)
2. Customised regulations (see section 4.7.4)

In the case of Exceptional Transport, with regard to both passenger and freight transport, one of these regulations applies to Exceptional Transport, unless it concerns the type of passenger transport included in the annex to the [Infrastructure Register \(RINF\)](#), then these regulations are not necessary (see section 2.3.5 and section 4.7.3.1).

Additionally, the following general principles apply:

- If transport is characterised as Exceptional Transport according to IRS 50502, a customised regulation is necessary. If the transport is not characterized as Exceptional Transport pursuant to IRS 50502, then the transport can still fall within the standard regulations for Exceptional Transport of ProRail. If the standard regulations do not apply to the transport, a customised regulation will still be necessary.
- In case of Exceptional Transport, a railway undertaking ensures that - depending on the type of Exceptional Transport - the conditions from the standard or customised regulation for Exceptional Transport are applied and complied with in its business operations.
- In the case of Exceptional Transport, a railway undertaking shall ascertain whether the route and speed of the train intended for the railway undertaking comply with the (standard or customised) regulations applicable to that Exceptional Transport. If this is not the case, the railway undertaking shall either adjust the timetable so that it is in accordance with the existing standard or customised regulation, or request ProRail to adjust the customised regulation.
- For services relating to Exceptional Transport, see section 5.4.3. More information on the procedure for reporting Exceptional Transport and the regulations applicable to Exceptional Transport can be found on the [ProRail Logistics Portal](#).

4.7.3 Standard regulations

ProRail has designed two types of standard regulations for Exceptional Transport:

1. The standard regulation for bulk traffic (transport above loading class C2, see also section 2.3.5).
 2. The standard regulation for out-of-gauge transport (out-of-gauge transport, see also section 3.4.3).
- Depending on the dimensions, weight or nature of the load, one or both of the standard regulations may apply to Exceptional Transport.

4.7.3.1 Standard regulation for bulk traffic

The standard regulation for bulk traffic apply in the case of Exceptional Transport where the loading class C2 of the transport is exceeded (see sub e in section 4.7.1). The 'Exceptional Transport' user instructions (GVS00094-V005, see the [ProRail Logistics Portal](#)), also called the standard regulation for bulk traffic, states the possibilities for this type of Exceptional Transport. This standard regulation for bulk traffic describes:

- The type/class of transport: a number of standard classes, referring to loading class C3, C4, D2, D3, D4, E4, E5 according to NEN-EN 15528, a number of standard classes for which no loading class NEN-EN 15528 has (yet) been developed and a number of specific types of railway vehicles.
- For each type/class of transport, the route section on the Dutch main railway infrastructure on which this transport is permitted and the associated speed restrictions. N.B. Appendix 13 provides an overview of the route sections that are suitable for freight transport with a higher loading class

than C2. For passenger transport, a separate annex is included in the [Infrastructure Register \(RINF\)](#) of route compatible vehicle types for which route compatibility has already been checked (see section 2.3.5).

A railway undertaking may use the allocated capacity without ProRail's permission in the event of Exceptional Transport that fits within one of the above-mentioned types/classes of transport and in accordance with the standard regulation for bulk traffic. In that case, the following applies:

- If a transport falls within one of the loading classes referred to in NEN-EN 15528 (loading classes C3, C4, D2, D3, D4, E4 or E5), it is sufficient if a railway undertaking indicates in the timetable documents for the benefit of all those involved in the transport operation, by means of a reference to the loading class of the train concerned, that the standard regulation for bulk traffic apply to that transport operation (example: '45109 - D4').
- If the transport does not fall within one of these loading classes mentioned in NEN-EN 15528, a railway undertaking can only submit an application to the ProRail One-Stop-Shop for Exceptional Transport (for contact details, see section 4.2.4) if it accepts the applicability of this standard regulation for the transport in question. The One-Stop-Shop then refers in the standard regulation for bulk traffic to the restrictions belonging to that particular class/type of transport.

This is also the case if in a situation, such as in the case of intervention, it is necessary to deviate from routes where the relevant loading class is permitted and where there are restrictions on the diversion route. At that moment, a railway undertaking must ensure that Air Traffic Control is informed that a train has exceeded the loading class permitted on the route section to be followed.

4.7.3.2 Standard regulation for out-of-gauge transport

This standard regulation applies in the case of Exceptional Transport where the loading profile of the transport is exceeded¹⁰⁴ (see sub d in section 4.7.1). Coded wagons and intermodal loading units in classes BP1, BP2 and BP3 may use the allocated capacity with this Exceptional Transport without permission from ProRail if the railway undertaking complies with the conditions of the standard regulations for out-of-gauge transport as stated in the 'Standard conditions for out-of-gauge transport codes 1-2-3' (see the [ProRail Logistics Portal](#)). A railway undertaking shall indicate in the timetable documents and in Donna for the benefit of all parties involved in the transport, by adding BP1, BP2 and BP3 to the train number, that this concerns Exceptional Transport to which the standard regulation for out-of-gauge transport apply.

4.7.4 Customised regulations

For other Exceptional Transport (see sub a, b, c, f, g and h in section 4.7.1), railway undertakings can apply for a customised regulation for Exceptional Transport at the ProRail One-Stop-Shop for Exceptional Transport via oss-by@prorail.nl. This customised regulation states the permitted route, the period of validity, the operational conditions, the exemptions obtained and, if applicable, the permissible dimensions and/or weight. A railway undertaking shall indicate in the timetable documents for the benefit of all parties involved in the transport that it concerns Exceptional Transport to which a customised regulation applies by adding "BV" to the train number and referring to the tracking number of the railway undertaking.

ProRail shall make every effort to inform the applicant within fourteen days of the application for a customised regulation whether Exceptional Transport is possible and, if so, under what conditions. For services relating to Exceptional Transport, see section 5.4.3.

Regulation to be agreed upon

- ▶ ProRail wishes to include the above schemes about Exceptional Transport in the Access Agreement. ◀

¹⁰⁴ See Appendix 12.

4.8 Changes to allocated train paths

4.8.1 Changes to allocated train paths by the railway undertaking

Titleholders may submit changes to the capacity already allocated to them. The titleholder can submit a change request in four ways:

- With a TSI path modification message
- Via the Order Portal
- Via Mijn Treinen (see section 5.3.1 and Appendix 23, item 40)
- In the Donna application (see section 5.3.1 and Appendix 23, item 6)

4.8.2 Changes to allocated train paths by the network manager

The infrastructure manager may make changes to capacity already allocated to titleholders. For a more detailed process description, see section 4.3.

4.8.3 Unused capacity for train paths

Withdrawal of capacity by ProRail

If it becomes clear one hour before departure that the capacity will not or cannot be used by the titleholder, ProRail is entitled to grant the capacity to other titleholders. ProRail will then withdraw the allocated capacity.

ProRail can reclaim the capacity rights if a titleholder within a period of at least 1 month uses less than 80% of the capacity for public passenger transport on route sections and platform tracks allocated in the timetable (including change sheets), or uses less than 50% of the capacity for other purposes. Calculation takes place on the basis of (related) train number per traffic day. After each calendar month, ProRail will test the utilisation of the allocated train paths (see Article 9 of the General Terms & Conditions). In the event of force majeure, the railway undertaking shall report this to ProRail before the end of the calendar month. ProRail will then assess whether force majeure has occurred.

Non-utilisation as referred to in this section includes the situation whereby the train does not appear to have the characteristics stated in the capacity request, which characteristics would have resulted in a different handling of the request in terms of physical and environmental acceptability.

The non-utilisation of the train path due to causes attributable to ProRail, fluctuations in market conditions, public holidays, unavailability of related rail capacity at terminals, transshipment companies, industrial estates or foreign infrastructure managers, etc., is deemed to be included in the 80% and 50% percentages respectively, which apply as the utilisation limits that, if exceeded, may lead to the withdrawal of capacity by ProRail.

4.8.4 Cancellation of train paths by the railway undertaking

Cancellation of allocated capacity by the railway undertaking

The following applies to the cancellation of allocated capacity: as soon as the titleholder knows that a train starting in the Netherlands will not use the allocated capacity, this is reported to ProRail, so that ProRail can reallocate the released capacity.

The railway undertaking can cancel capacity in four ways:

- With a TSI path cancellation message
- Via the Order Portal
- Via Mijn Treinen (see section 5.3.1 and Appendix 23, item 40)
- By removing the train path in the Donna application (see section 5.3.1 and Appendix 23 item 6)

Cancellations due to the application of predefined intervention methods (see section 6.3.2) do not have to be reported by the railway undertaking.

ProRail takes the initiative for incoming trains from abroad. After consultation with the railway undertaking and the neighbouring infrastructure manager, ProRail will withdraw the allocated capacity insofar as the foreign manager involved in that path does not make the connecting capacity available.

Agreements on changing allocated capacity on railway yards and stabling yards are described in Chapter 7, section 7.3.4 and 7.3.5.

4.9 Redesign capacity allocation process (TTR)

4.9.1 Objectives

RailNetEurope (RNE) and Forum Train Europe (FTE), supported by the European Rail Freight Association (ERFA), are working at European level on a redesign of the capacity allocation process called Time Table Redesign (TTR)¹⁰⁵. The aim of TTR is to increase the competitiveness of rail transport by harmonising and improving the European timetabling system.

TTR consists of several components, including the improved planning of infrastructure capacity, including temporary capacity restrictions on the railways and the introduction of new capacity allocation processes.

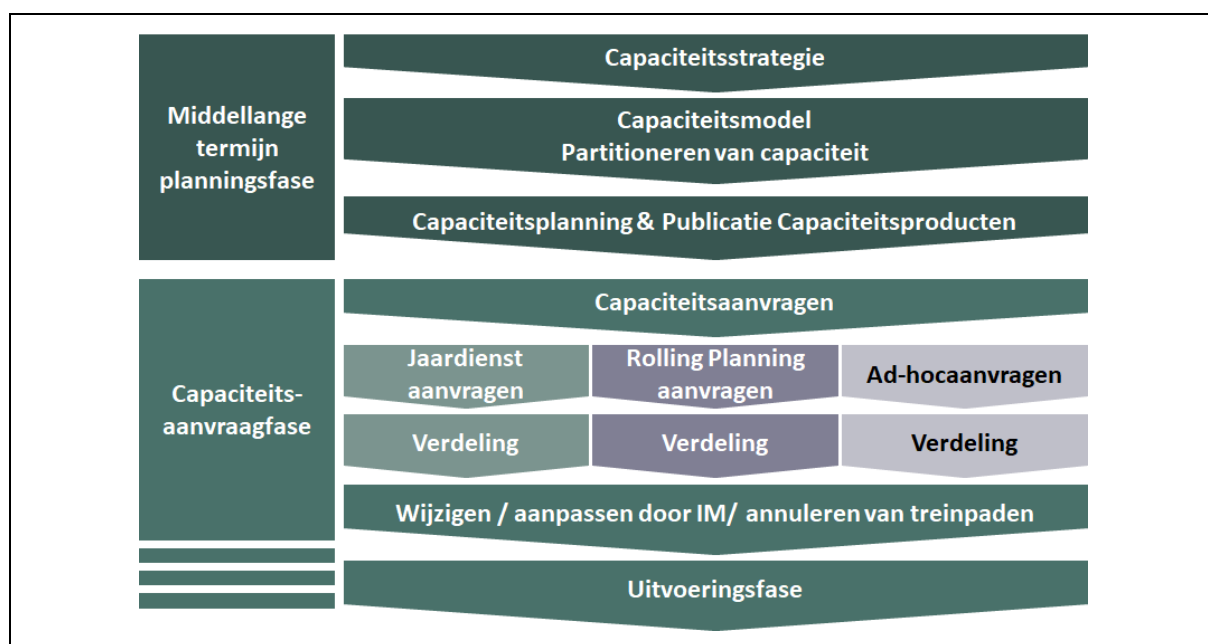
The aim is to better serve all market needs and optimise the use of capacity on existing infrastructure. For passenger traffic in particular, this will result in earlier availability of the final timetable, with the result that passengers will be able to purchase a ticket earlier and with higher reliability. For the majority of freight traffic, TTR leads to more flexibility and better train paths in the ad hoc process so that customer requirements can be better met.

Detailed information on the TTR project is available at <http://ttr.rne.eu> and <http://www.forumtraineurope.eu/services/ttr>. The envisaged planning is to fully implement TTR in the 2025 timetable, provided that TTR is supported by European and national laws and regulations.

4.9.2 Process elements

The TTR process consists of the following components:

¹⁰⁵ In 2021, RailNetEurope formally changed the name TTR to TTR For Smart Capacity Management because this name better reflects what TTR stands for.



The main TTR components are explained in more detail below.

- Capacity strategy (X-60 to X*-36 months):**
 The capacity strategy is the network manager's long-term capacity planning for a given line, part of the network or the whole network. The main objective of the capacity strategy is to provide early information on the available capacity on the network and the expected capacity requirement. The capacity strategy enables the network manager to share this expected capacity requirement and available capacity with neighbouring network managers and titleholders.
- Capacity model (X*-30 to X*-18 months) with a breakdown by type of capacity:**
 The capacity model contains a detailed estimate of the expected capacity requirement and is subdivided into capacity for timetable requests, rolling planning requests, temporary capacity restrictions and (in some situations) residual capacity. Titleholders have the possibility to provide input on the capacity model by announcing their future capacity requirements and can react to the proposed allocation of capacity. The announcement of the capacity requirement and the capacity model are described in sections 4.9.3.1 and 4.9.3.2
- International coordination of temporary capacity restrictions:**
 Temporary capacity restrictions may be necessary for maintenance, renewal or realisation of infrastructure. Temporary capacity restrictions are subdivided according to their impact on capacity in the categories very large, large, medium and limited. These temporary capacity restrictions are necessary to keep the infrastructure in a good condition and to further expand the infrastructure in accordance with market needs (see Chapter 4.3 for further information).
- Capacity planning and publication of capacity products:**
 In cooperation with railway undertakings, the Capacity Model is further detailed by ProRail between X*-18 and X*-11 months. Capacity in segments is translated into the number of running options per hour, the time position and characteristics of the path are added and the availability of the path during the timetable year is added.
- Capacity requests for the timetable:**
 Capacity reserved for the timetable or which can be used for late requests when capacity has not been used for timetable requests.

- *Capacity requests for rolling planning:*
Capacity reserved in bandwidths for a given time window or in the form of system paths that can be requested taking specific request deadlines into account.
- *Capacity for ad hoc requests:*
Residual capacity for capacity requests made in the ad hoc phase.

*X refers to the start date of the 2025 timetable.

4.9.3 Implementation

ProRail participates in the TTR implementation and follows the joint timeline of the European network managers for implementation at national level as shown in the diagram below. The TTR approach, in particular the new process components, will be tested in pilots with the aim of evaluating the process and contributing improvements to the TTR process prior to national implementation. (see Chapter 4.9.4 for further information). As a first step in the national implementation, ProRail will in 2022 and 2023 develop the capacity strategy and the capacity model for the 2025 timetable.



4.9.3.1 Announcement of capacity requirements

Applicants may announce their capacity requirements to ProRail between X*-30 and X*18 months before the start of the 2025 timetable. The form in which this can be done has not yet been determined.

The announcement of a capacity requirement is considered a non-binding indication of an applicant's expected future capacity requirement.

In the situation that ProRail finds that this capacity requirement overlaps with that of other applicants, ProRail will contact these applicants in order to inventory possible solutions. ProRail will use this capacity requirement as input for drawing up the capacity model (see section 4.9.3.2). Under no circumstances can ProRail guarantee that all announced capacity requirements will be included in the final capacity model. In addition, the announcement of a capacity requirement has no influence whatsoever on the prioritisation in the capacity allocation process.

*X refers to the start date of the 2025 timetable.

4.9.3.2 Capacity model and segmentation

The capacity model is based on ProRail's capacity strategy (see section 4.9.2), market needs (e.g. timetable extension and addition of lines) and temporary capacity restrictions (see section 4.9.2) and serves as the basis for all capacity requests for train paths. In the capacity model, capacity is allocated to the different segments on the basis of commercial and technical needs (partitioning of capacity) into:

- Capacity for temporary capacity restrictions.
- Capacity requests in the timetable (see section 4.9.2).
- Capacity reserved for requests in the Rolling Planning process (see section 4.9.2).
- Capacity not allocated to a segment (residual capacity).

4.9.3.3 Publication of capacity products

In the capacity model, the capacity on the ProRail network is divided into segments. ProRail will start the further detailing from X*-18 months onwards. Capacity in the segments is translated into the

number of paths per hour. The time position and characteristics of the path are added and the availability of the path during the timetable year is added, as far as possible already taking into account the temporary capacity restrictions known at that time.

This creates a capacity offer per segment that the courts can use as a basis for submitting timetable requests and rolling planning requests. In the case of international railway lines, this process is coordinated with infrastructure managers in neighbouring countries. To enable titleholders to harmonise their capacity requests on international connections, ProRail will publish the capacity products for the timetable requests and rolling planning requests no later than X*-11 months.

Titleholders will be involved in the consultation of the draft capacity offer prior to the final publication of the capacity offer. The timeline and the way in which this consultation and publication takes place still need to be developed.

**X refers to the start date of the 2025 timetable.*

4.9.4 TTR Pilot Project

TTR is tested in pilots to try out the innovative parts of the TTR process. The pilots, which are being carried out across Europe, have in part been in operation since the 2020 timetable. The aim is to check whether the new processes meet expectations and to make adjustments before they are implemented across Europe and to implement improvements in the sector at an early stage.

In particular, the pilots will test the application of the capacity model and the benefits to the market of capacity requests in the rolling planning process. Five pilots have started on various Rail Freight Corridors:

- Mannheim – Miranda de Ebro (on RFC Atlantic)
- Paris - Antwerp - Rotterdam - Amsterdam
- Munich – Verona (on RFC ScanMed)
- Mannheim – North Italy (on RFC RhineAlpine)
- Břeclav – Tarvisio-B./Jesenice/Spielfeld (on RFC Baltic-Adriatic)

ProRail is involved in the pilot Paris-Antwerp-Rotterdam-Amsterdam. More information about this pilot can be found in the 'Memo TvV pilot TTR in 2023 timetable' on the [ProRail Logistics Portal](#). More information can also be found here about the capacity reserved as rolling planning requests on this line.

To ensure sufficient time for drawing up a good quality capacity offer, capacity requests for rolling planning can be submitted at the earliest 4 months before the first traffic day of the operation and at the latest 1 month before the first traffic day of the operation. Capacity requests must, however, comply with the published characteristics of the train paths. After expiry of the above deadlines, any unused reserved capacity will be added to the remaining capacity.

In the case of capacity requests for rolling planning, ProRail will prepare the draft offer as soon as possible or at the latest within 4 weeks.

5 Services and charges

5.1 Introduction

This chapter deals with the services provided by ProRail for use of the railway infrastructure and supplementary facilities by railway undertakings and other titleholders. In addition, this chapter describes the services offered with regard to planning and executing the timetable and performance analysis.

The services are classified according to Annex II of Directive 2012/34/EU:

- basic access package (section 5.3)
- access to and use of facilities and provision of services (service package 2, Chapter 7)
- supplementary services (service package 3, section 5.4)
- ancillary services (service package 4, section 5.5)

All services stated in this chapter that are offered by ProRail are governed by the General Terms & Conditions (see Appendix 5). If specific conditions apply to a service, this is stated in the form of terms of delivery and/or user conditions.

Terms of delivery are the terms and conditions applied by ProRail to the purchase of the relevant service. The user conditions specify the resources required by the railway undertaking to make use of the service as well as the terms to be complied with by the railway undertaking when making use of the service.

As regards information services (ancillary services, as referred to in section 5.5), ProRail reserves the right to limit new or extra requests for a service, or to (temporarily) refuse access to a service if this request or extension cannot be delivered within the current capacity of the service. For most information services, a Service Level Agreement (SLA) forms part of the Access Agreement. Agreements are laid down in this SLA about the costs, (user) conditions and service levels of the information service.

Regulation to be agreed upon

- ▶ The services to be acquired by the railway undertaking, comprising at least the train path service of the basic access package, are laid down in the Access Agreement. ◀

Facilitation

ProRail informs railway undertakings of the possibility to realise and use infrastructural facilities at railway yards and in transfer areas for their own account, on the basis of an agreement with ProRail and, if necessary, a permit as referred to in Section 19 Railways Act. ProRail has been authorised to grant such a permit.

If a railway undertaking for its operational processes requires land or a facility at a railway yard that is not offered by ProRail, such can be facilitated by ProRail under conditions.

- *Use of land*
Permission to use land managed by ProRail. For example, if a railway undertaking requires space for storage containers.
- *Permit*
Providing a permit for the realisation and operation of a facility by a railway undertaking. For example, if a railway undertaking wishes an own cleaning platform on land managed by ProRail. ProRail can within the context of the environmental permit serve as the contact for the competent authority.
- *Connection to process water pipes and sewers*
The connection of a facility to utilities shall be at the expense of the railway undertaking. ProRail does not offer connections for water and/or sewerage. ProRail may have a facilitating role in obtaining a connection for a railway undertaking. ProRail will only facilitate a connection to ProRail's network under certain conditions if it is demonstrably impossible to make an own connection. If, during the modification or replacement of a water or sewerage installation on a railway yard, it is found that there is a connection to a facility owned by a railway undertaking and

this connection is owned by ProRail, the installation and the facility will be unbundled. ProRail will inform the railway undertaking of this in good time and, if so desired, play a facilitating role in the transition to its own connection to the water and sewerage network. In both situations the costs and management are borne by the railway undertaking. It concerns a connection to the process water network at all times. Ownership of the connection to the ProRail network remains with ProRail.

The conditions under which ProRail facilitates are agreed per specific client request.

5.2 Charging principles

User charge

The term 'user charge' is a collective term for the various charges paid by railway undertakings to ProRail for the services they purchase from ProRail for the acquisition of capacity rights and access to and use of the railway infrastructure and facilities managed by ProRail, as well as the services to be provided in connection therewith.

The user charge consists of:

1. the charge for the basic access package (category 1 services)¹⁰⁶, possibly supplemented by a charge as referred to in Sections 62(2) and 6(a)¹⁰⁷ and (b)¹⁰⁸ Railways Act;
2. the charge for the (access to) service facilities and services provided in those facilities (category 2 services)¹⁰⁹ to the extent that they are offered by ProRail;
3. the charge for supplementary services (category 3 services)¹¹⁰ insofar as they are offered by ProRail;
4. the charge for ancillary services (category 4 services)¹¹¹ insofar as they are offered by ProRail;
5. levies, discounts, addition or deduction as referred to in Section 62(6)(c), (d)¹¹², (f) and (g) Railways Act.

The rates for the various components of the user charge are included in this chapter, with the exception of the charges for the (access to) service facilities and services provided in those facilities (category 2 services), which are included in Chapter 7.

Charging principles

Regulation to be agreed upon

► The charges are agreed between ProRail and the titleholder and laid down in the Access Agreement, in accordance with the statutory provisions. Access Agreement, in accordance with the statutory provisions. ◀

Charging framework

The statutory charging framework, as referred to in Directive 2012/34/EU, Article 29(1), comprises:

- a. Section 62 Railways Act.
 - b. Implementation Directive 2012/34/EU on establishing a single European railway area
- The text of the above provisions can be consulted in Table 1.1. in section 1.3.1.
- c. Implementing Regulation (EU) 2015/909 on the modalities for the calculation of the costs directly incurred as a result of operating the train service

¹⁰⁶ See Annex II, point 1 of the Directive.

¹⁰⁷ See Section 7 Railway Capacity Allocation Decree.

¹⁰⁸ See Implementing Regulation 2015/429 laying down the modalities for levying charges for the costs of noise pollution and Article 11b Decision Implementing Directive 2012/34/EU.

¹⁰⁹ See Annex II, point 2 of the Directive.

¹¹⁰ See Annex II, point 3 of the Directive.

¹¹¹ See Annex II, point 4 of the Directive.

¹¹² See HSL Levy Decree.

Cost allocation and rate calculation category 1 services (basic access package)

For the allocation of the costs for the category 1 services offered and the calculation of the charges for these services, ProRail uses the method described in the 'Method for allocation of costs to the basic access package 2017' dated 29/03/21. This document is available on the [ProRail website](#).¹¹³

On the [ProRail Logistics Portal](#), ProRail provides titleholders with a calculation of the rates, in line with the allocation method, for the charges for the various services belonging to the basic access package to be applied for the year 2023.

Cost allocation and rate calculation category 3 services (ancillary services)

For the allocation of costs of the additional category 3 services offered, ProRail uses the methods described in the documents 'Method of allocating costs to the EVA service 2023 - 2025' dated 10 December 2021 and 'Method of allocating costs to the Exceptional Transport service 2023 - 2025' dated 10 December 2021. These documents are available on the [ProRail website](#).

Cost allocation and rate calculation category 4 services (ancillary services)

For the allocation of the costs for the category 4 ancillary services offered, access to the telecommunications network and the provision of additional information, ProRail uses the method described in the document 'Method for the allocation of ancillary ICT services 2023 - 2025' dated 10 December 2021. This document is available on the [ProRail website](#).

Extra levy

ProRail, on the instructions of the Minister of Infrastructure and Water Management, imposes an additional levy on railway undertakings. By means of the extra levy, an additional part of the costs for management, maintenance and replacement (MMR) of the track is charged to railway undertakings pursuant to Section 62(6)(c) Railways Act.

The total amount of the extra levy is determined by the Minister.¹¹⁴ The market segments, the (relative) financial capacity of these segments and the amount of the extra levy per market segment are based on the 'Market-can-bear test 2020 - 2024'. For the calculation of the extra levy, ProRail uses the 'Method of allocation extra levy 2018' dated 22 August 2018. These documents are available on the [ProRail website](#).

ProRail distinguishes the following market segments for the application of the extra levy:

- Freight transport
- Public passenger transport on the basis of a concession as referred to in Section 20(1) or (4) Passenger Transport Act 2000
- Other passenger transport

Rules of procedure

- ▶ Agreement on the charges is subject to the rules below.
 - a. The charges, surcharges, additions, deductions and discounts as included in the Network Statement are non-negotiable.
 - b. All charges are agreed in the Access Agreement, on the understanding that the cancellation charges and surcharges for scarce capacity described in the Network Statement are already applicable at the time a capacity request is submitted for the 2023 timetable. ◀

The services to be provided are settled on the basis of actual use or in accordance with scheduled use or agreed consumption, as indicated in section 5.3, 5.4 and 5.5.

The charges included in section 5.3, 5.4 and 5.5 are stated exclusive of VAT. The charges are based on price level 2023, unless stated otherwise. For a more detailed explanation, see section 5.8.2.1. For

¹¹³ This method of allocation was approved by the ACM in a decision dated 8 April 2021 (reference ACM/UIT/549649).

¹¹⁴ Article 11(e) Implementation Directive 2012/34/EU on establishing a single European railway area.

the period 11 December 2022 up to and including 31 December 2022, the charges in the Network Statement 2022 in force on 11 December 2022 apply.

5.3 Minimum access package and charges¹¹⁵

The minimum access package covers all services to reserve and use capacity for rail traffic on the main railway network and other railway networks managed by ProRail. The basic access package comprises the following services:

1. Train path
2. Platforms
3. Tractive power supply

5.3.1 Train path

Train path														
1. General information														
1.1	Service	Train path fall under category 1 of Annex II to Directive 2012/34/EU.												
1.2	Service provider	ProRail												
1.3	Term of validity	The service is offered during the term of the Network Statement.												
2. Function														
2.1	Description	<p>The use of train paths according to the right to train paths acquired through the capacity allocation process. This includes the following elements:</p> <p><i>Capacity allocation</i></p> <p>a. For the processing of requests, returns and changes to infrastructure capacity¹¹⁶ the applications Donna, Btd planner, Btd planner reports, Order Portal, BUTA¹¹⁷, LOA-Online, PCS (via RailNetEurope), RMS Client, Mijn Treinen, TNR and the possibility to submit capacity requests via the publication Capacity requests and plan and execution information (according to TAF/TAP TSI standard) are made available, as described in Appendix 23.</p> <p>Depending on the number of train paths budgeted, the titleholder is provided with a number of subscriptions to the Order Portal facility in accordance with the table below.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="background-color: #c00000; color: white;">Budgeted traffic volume per year (train kilometres)</th> <th style="background-color: #c00000; color: white;">Number of subscriptions to the Order Portal</th> </tr> </thead> <tbody> <tr> <td>from 50 million</td> <td>150</td> </tr> <tr> <td>from 5.0 million</td> <td>50</td> </tr> <tr> <td>between 2.5 and 5.0 million</td> <td>25</td> </tr> <tr> <td>between 1.0 and 2.5 million</td> <td>15</td> </tr> <tr> <td>to 1.0 million</td> <td>8</td> </tr> </tbody> </table> <p>b. The reserving of capacity according to the agreed capacity allocation.</p> <p>c. The provision of all information required to carry out the train service for which capacity has been requested through, e.g., the RailMaps application (see item 1 in</p>	Budgeted traffic volume per year (train kilometres)	Number of subscriptions to the Order Portal	from 50 million	150	from 5.0 million	50	between 2.5 and 5.0 million	25	between 1.0 and 2.5 million	15	to 1.0 million	8
Budgeted traffic volume per year (train kilometres)	Number of subscriptions to the Order Portal													
from 50 million	150													
from 5.0 million	50													
between 2.5 and 5.0 million	25													
between 1.0 and 2.5 million	15													
to 1.0 million	8													

¹¹⁵ See section 1 of Annex II to Directive 2012/34/EU

¹¹⁶ Trains subject to the user charge exemption scheme (due to instructions by ProRail) can only be requested on the basis of a timetable entered in Donna by the applicant or on request via the Order Portal and/or via the Capacity requests and planning & performance information service (according to TAF/TAP TSI standard).

¹¹⁷ ISVL-Buta will be temporarily replaced by the emergency application Mendix-Buta in the course of 2022 and definitively by the application BUTA in the course of 2023.

Train path

Appendix 23) the Traction Signs application (see item 4 in Appendix 23) and the information on 'Temporary Speed Restrictions' (see item 5 in Appendix 23).

Use of the main railway network

- d. The use of the tracks on route sections and stations for train movements.
- e. The stationary use of tracks all railway yards insofar as necessary for traffic handling (passing, direction changes, etc.) according to the agreed capacity allocation or intervention.
- f. The stationary use of platform tracks insofar as necessary for the (dis)embarking of passengers.
- g. Registering the loading of freight wagons in a train via the facility WLIS, see item 17 in Appendix 23.

Traffic control

- h. The traffic control for both centrally and locally controlled areas, including the use of GSM-R Voice Rail Safety, the radio-communication system for rail safety, as described in item 14 of Appendix 23.

Real-time information on the train service

- i. The provision of information to the railway undertaking about train service handling via the SpoorWeb application (see item 18 of Appendix 23).
- j. The provision of real-time information to the railway undertaking on train movements via the VIEW type 1 application (see item 19 of Appendix 23).
- k. The provision of planning and performance information on the basis of the TSI TAF/TAP messages (see item 21 of Appendix 23).

Depending on the number of train paths budgeted, the titleholder is provided with a number of subscriptions to the Spoorweb and View applications according to the table below.

Budgeted traffic volume per year (train kilometres)	number of subscriptions to VIEW	Number of subscriptions to SpoorWeb
from 50 million	150	80
between 5.0 and 50 million	50	40
between 2.5 and 5.0 million	25	20
between 1.0 and 2.5 million	10	8
to 1.0 million	5	4

Information on the performed train service

- l. The provision of information: standard traffic performance report, standard monitoring report and standard provision of information on traffic performance (see item 0 of Appendix 23).
- m. The possibility of accepting or rejecting the causes of train deviations assigned to railway undertakings via the Approval Monitoring application (see item 30 of Appendix 23).

Depending on the estimated number of train paths, the titleholder is provided with a number of subscriptions to the Approval Monitoring application. The standard for this is 1 subscription per 1,000,000 budgeted train kilometres per year, with a minimum of 2 subscriptions.

Disaster handling

- n. The services of ProRail's emergency organisation pertaining to alarm signals, the evacuation and clearing of the tracks after accidents and irregularities, as well as the re-railing of railway vehicles and moving damaged railway vehicles to a safe place where they will not hinder traffic. This also includes the integral coordination of the operations of railway undertakings, as well as coordination with the competent authorities and the emergency services. Not included are the external out-of-pocket costs incurred by the Incident Response Department as part of their response, such

Train path																		
		as hiring equipment and/or (facilities for) personnel. These costs are charged to the party that caused the response or to the party to whom the response can be attributed.																
3. Description of the facilities																		
3.1	Locations	Main railway network																
3.1.1	Opening times	24/7 with exception of the possessions.																
3.1.2	Technical characteristics	See Chapter 2 of this Network Statement																
3.1.3	Planned changes	The planned changes are included in Appendix 10 Infrastructure projects and studies.																
4. User costs																		
4.1	Information related to the user charge	<p>The rate per train kilometre depends on the weight class of the train and is:</p> <table border="1"> <thead> <tr> <th>Weight category of the train</th> <th>Compensation (per train kilometre)</th> </tr> </thead> <tbody> <tr> <td>up to 120 tons</td> <td>€ 0.3918</td> </tr> <tr> <td>from 121 to 160 tons</td> <td>€ 0.4897</td> </tr> <tr> <td>from 161 to 320 tons</td> <td>€ 0.6229</td> </tr> <tr> <td>from 321 to 600 tons</td> <td>€ 0.8659</td> </tr> <tr> <td>from 601 to 1,600 tons</td> <td>€ 1.3908</td> </tr> <tr> <td>from 1,601 to 3,200 tons</td> <td>€ 1.6768</td> </tr> <tr> <td>from 3,201 tons</td> <td>€ 1.8179</td> </tr> </tbody> </table> <p>The volume of use, is determined on the basis of actual use of train paths. ProRail registers the distances travelled in the traffic control systems. These distances are rounded to 0.1 km. Distances < 3.0 km as well as distances travelled on decommissioned tracks are not taken into account.</p> <p>Train tonnages are measured using ProRail's weighing systems. Trains that pass multiple weighing points during their trip are settled at the average tonnage measured at the various weighing points. Tonnages are rounded to 1 ton. Trains that do not pass a weighing point during their run or for which no measured weight is available are settled at a standard train weight agreed in the Access Agreement.</p> <p><i>Regulation to be agreed upon</i></p> <ul style="list-style-type: none"> ▶ ProRail wants to include a table in the Access Agreement stating standard train weight per running characteristic. ◀ <p>N.B. The Order Portal, SpoorWeb, VIEW and Approval Monitoring applications are both category 1 services (for train path, within the graduated scale) and category 4 services (outside the graduated scale). A separate charge is made for subscriptions for more applications than those listed under 2.1 (see sub a, i, j and m). See section 5.5.2. ProRail will on exceedance of the number of allocated subscriptions contact the railway undertaking before providing further access to the application.</p>	Weight category of the train	Compensation (per train kilometre)	up to 120 tons	€ 0.3918	from 121 to 160 tons	€ 0.4897	from 161 to 320 tons	€ 0.6229	from 321 to 600 tons	€ 0.8659	from 601 to 1,600 tons	€ 1.3908	from 1,601 to 3,200 tons	€ 1.6768	from 3,201 tons	€ 1.8179
		Weight category of the train	Compensation (per train kilometre)															
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from 121 to 160 tons	€ 0.4897																	
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from 321 to 600 tons	€ 0.8659																	
from 601 to 1,600 tons	€ 1.3908																	
from 1,601 to 3,200 tons	€ 1.6768																	
from 3,201 tons	€ 1.8179																	
4.2	Information relating to discount on the user charge	<p><i>Zero rate exemption scheme relating to management</i></p> <p>For the use of capacity in connection with the performance of instructions given by ProRail in respect of railway infrastructure management, a charge of nil shall be set for the train path service. To this end, ProRail allocates a number of specific series of train numbers, which may be used exclusively for traffic run in the performance of instructions given by ProRail.</p> <p><i>Exemption scheme Enschede – Enschede Grens</i></p> <p>The volume of the use of train paths on the Enschede-Enschede Grens (direction Gronau) route section will, due to the absence of recording traffic control systems, be settled on planning basis. In determining the weight category, the unladen weight of a train set type normally deployed by the railway undertaking is assumed. To compensate for any kilometres not run, 98.5% of the scheduled train kilometres are invoiced.</p>																
5. User conditions																		
5.1	Legal requirements	Special schemes apply to exceptional transport. For this, see section 4.7 and section 5.4.3.																

Train path		
		<p>Railway undertakings are notified that the text on access control facilities in section 7.3.2.2.1 relates to access or departure by service personnel of the railway infrastructure via stations and platforms. Also applicable are the user conditions stated in the tables and appendices as referred to in the description of the service.</p> <p>Titleholders who do not qualify as railway undertaking can exclusively acquire from ProRail the items a (with the exception of the LOA-Online and Mijn Treinen applications) whereby a maximum of eight accounts can be purchased on Order Portal, b and c (only the RailMaps application) of the part of this service indicated under 'description'. With regard to the Capacity requests and Planning and performance information according to TAF/TAP TSI standard service, the titleholder shall, on the basis of Article 6 of the General Terms and Conditions, be given access to all planning and performance information of the railway undertaking concerned, which has agreed to this at the request of the titleholder.</p> <p>Also applicable are the terms of delivery stated in the tables and appendices as referred to in the description of the service.</p>
5.2	Technical requirements made of railway vehicles	See section 3.2 Access requirements
5.3	Independent use	N/A
6. Capacity request		
6.1	Access request	Train paths are allocated with the capacity allocation letter and agreed in the Access Agreement.

5.3.2 Platforms

Platforms		
1. General information		
1.1	Service	Platforms fall under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>The use of passenger platforms for the (dis)embarking of passengers. The platform is defined as the elevation along the track at a station or stop where passengers can embark and disembark.</p> <p>Facilities on or around a platform are not part of this service. See the description of the service in section 7.3.2. For information on access control facilities, see section 7.3.2.1.</p>
3. Description of the facilities		
3.1	Locations	On the offered stations in the Netherlands. For an overview, see Appendix 25.
3.1.1	Opening times	With the exception of withdrawals, platforms are accessible to passengers from 30 minutes before the start of the timetable until 30 minutes after the last train in the timetable.
3.1.2	Technical characteristics	<p>An optimal stop is provided by a passenger platform with the following characteristics:</p> <ul style="list-style-type: none"> ProRail has started an 'Adjust platform height accessibility (P76)' programme aimed at bringing all platforms to the standard height (based on European regulations and national agreements regarding rail accessibility). Ever more platforms now meet this standard, but there are also platforms that are not yet adjusted. For information about which platforms have been adjusted and information about known current platform heights, consult the Infrastructure Register (RINF). An adjusted platform meets the following standards: <ul style="list-style-type: none"> The platform height is at 760mm +top of rail, with a tolerance in the management phase of -35/+30mm. The nominal distance from the edge of the platform to the the centre of the track is 1700mm, with a tolerance in the management phase of -50/+35mm.

		<ul style="list-style-type: none"> The following applies to platforms that have not yet been adjusted: <ul style="list-style-type: none"> In practice, platform heights may range from a minimum of 500mm to a maximum of 1000mm +top of rail. Situations exist where the distance from the edge of the platform to the centre of the track ranges from a minimum of 1650mm to a maximum of 1900mm. The gradient of the platform does not, in principle, exceed 2.5‰ (1:400). It may, in incidental cases, rise to a maximum of 12‰ owing to spatial restrictions. In case of horizontal curves at platforms, ProRail applies a horizontal curve radius that generally is not smaller than R=1000m. Curve radii smaller than 250m occur in incidental cases owing to spatial restrictions. In case of vertical curves at platforms, ProRail applies a vertical curve radius that generally is larger than R=15,000m. Curve radii up to R = 2500m may occur owing to spatial restrictions. Higher passing speeds than 160 km/h are not permitted along passenger platforms. A general list of effective platform lengths is provided in Appendix 19 Platform lengths, a detailed statement of effective platform length per station, per platform track and per direction of traffic is available for consultation on the ProRail Logistics Portal. 												
3.1.3	Planned changes	The planned changes are included in Appendix 10 Infrastructure projects and studies.												
4. User costs														
4.1	Information related to the user charge	<p>The charge per stop for the platform service depends on the station class where the stop is made and amounts to</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="background-color: #800000; color: white;">Station class</th> <th style="background-color: #800000; color: white;">Charge (per stop)</th> </tr> </thead> <tbody> <tr> <td>Stop</td> <td>€ 0.09</td> </tr> <tr> <td>Basic</td> <td>€ 0.32</td> </tr> <tr> <td>Plus</td> <td>€ 0.79</td> </tr> <tr> <td>Mega</td> <td>€ 1.21</td> </tr> <tr> <td>Cathedral</td> <td>€ 2.28</td> </tr> </tbody> </table> <p>The volume of use, the number of stops, is determined on the basis of actual use.</p> <p>The classification into 5 station categories (stop, basic, plus, mega, cathedral) is provided in Appendix 25 and is based on the estimated numbers of (dis)embarking and transferring passengers, with the threshold values <1000 / 10,000 / 25,000 / 75,000 / >75,000 (dis)embarking and transferring passengers per day.</p> <p>The number of halts for setting the charge is determined on the basis of the 'departure' and 'short stop' activities in the ProRail traffic control systems, for each train for which a running characteristic is specified that indicates a passenger train; the Access Agreement sets out which train stop code applies per train number sequence. The renumbering of train numbers (including lead figures) has no impact on the original train stop code.</p>	Station class	Charge (per stop)	Stop	€ 0.09	Basic	€ 0.32	Plus	€ 0.79	Mega	€ 1.21	Cathedral	€ 2.28
Station class	Charge (per stop)													
Stop	€ 0.09													
Basic	€ 0.32													
Plus	€ 0.79													
Mega	€ 1.21													
Cathedral	€ 2.28													
4.2	Information relating to discount on the user charge	<p><i>Exemption scheme Enschede – Enschede Grens</i></p> <p>Use of the platforms service for trains on the Enschede-Enschede Grens (direction Gronau) route section will, due to the absence of recording traffic control systems, be settled on planning basis. To compensate for any kilometres not run, 98.5% of the scheduled stops are invoiced.</p>												
5. User conditions														
5.1	Legal requirements	<p>Users of the service are railway undertakings that have a valid Access Agreement.</p> <p>This service is subject to the terms of delivery contained in section 7.3.1 and 7.3.2.1 and Appendix 25 of the Network Statement, where reference is made to the description of this service.</p>												
5.2	Technical requirements made of railway vehicles	See Chapter 3 of the Network Statement.												
5.3	Independent use	Railway undertakings can make independent use of this service.												
6. Capacity request														
6.1	Access request	Access to the platforms is agreed in the Access Agreement.												

5.3.3 Tractive power supply

Tractive power supply						
1. General information						
1.1	Service	Tractive power supply falling under category 1 of Annex II to Directive 2012/34/EU.				
1.2	Service provider	ProRail				
1.3	Term of validity	The service is offered during the term of the Network Statement.				
2. Function						
2.1	Description	This service comprises the use of the tractive power supply systems. This service does not comprise the supply of electric tractive power, for that see the services in section 5.4.1.				
3. Description of the facilities						
3.1	Locations	On the electrified tracks that are part of the main railway network, see 5.4.1 of the Network Statement.				
3.1.1	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs.				
3.1.2	Technical characteristics	Depending on the route section, ProRail offers a number of types of tractive power supply systems. These consist of overhead lines from which tractive power can be drawn.				
3.1.3	Planned changes	The planned changes are included in Appendix 10 Infrastructure projects and studies.				
4. User costs						
4.1	Information related to the user charge	<p>The charge for use of the tractive power supply is settled in proportion to the number of kilowatt hours delivered via the tractive power supply, with a distinction according to consumption on the 1500 V DC network and the 25 kV AC network. The charge per kilowatt hour for the use of the tractive power supply is shown below.</p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="2">Charge (per kilowatt hour)</th> </tr> </thead> <tbody> <tr> <td style="width: 100px;"></td> <td>€ 0.020445</td> </tr> </tbody> </table> <p>The charge for the transport of electric tractive power invoiced by network operators to ProRail is included in this rate. Further information is available in section 5.4.1.1 of this Network Statement.</p> <p>ProRail invoices the charge for the use of the tractive power supply on the basis of the electrical energy consumed. Information about the amount of energy consumed is supplied to ProRail by Eress (VIVENS and CIEBR).</p>	Charge (per kilowatt hour)			€ 0.020445
Charge (per kilowatt hour)						
	€ 0.020445					
4.2	Information relating to discount on the user charge	<p><i>Zero rate exemption scheme relating to management</i></p> <p>For the use of capacity in connection with the performance of instructions given by ProRail in respect of railway infrastructure management, a charge of nil shall be set for the tractive power supply service. To this end, ProRail allocates a number of specific series of train numbers, which may be used exclusively for traffic run in the performance of instructions given by ProRail.</p>				
5. User conditions						
5.1	Legal requirements	<p>Pursuant to the Electricity Act 1998, ProRail is designated as 'manager of a private network' for the management of the tractive power supply network. In this capacity, ProRail requires the parties who make use of this facility to submit a periodic statement of their actual and expected power consumption, with a distinction according to consumption on the 1500V DC network and the 25kV AC network.</p> <p>The terms of delivery applicable to the use of tractive power supply systems are stated in 40.</p>				
5.2	Technical requirements made of railway vehicles	Locomotives shall have current take-up systems appropriate to the applicable tractive power system on a specific route section.				
5.3	Independent use	Railway undertakings can make independent use of this service.				
6. Capacity request						
6.1	Access request	Access to the tractive and power supply system is agreed in the Access Agreement.				

5.3.4 Extra levy

The rate per train kilometre for the extra levy depends on the weight class of the train and the market segment and is:

Table 5.1 Extra levy

Weight category of the train	Compensation (per train kilometre)		
	Passenger transport services in the context of a public service contract	Other passenger services	Freight services
up to 120 tons	€ 0.0456	€ 0,0237	€ 0.0258
from 121 to 160 tons	€ 0.0571	€ 0.0296	€ 0.0323
from 161 to 320 tons	€ 0.0726	€ 0.0377	€ 0.0410
from 321 to 600 tons	€ 0.1009	€ 0.0524	€ 0.0570
from 601 to 1,600 tons	€ 0.1620	€ 0.0841	€ 0.0916
from 1,601 to 3,200 tons	€ 0.1954	€ 0.1014	€ 0.1104
from 3,201 tons	€ 0.2118	€ 0.1099	€ 0.1197

The breakdown by market segments freight and passenger services is based on the running characteristics of a train. Trains that according to their running characteristics qualify as freight trains and the related traffic of light locomotives qualify as freight trains. Trains that according to their running characteristics qualify as passenger trains and the related traffic of light locomotives and empty railway vehicles qualify as passenger trains.

Passenger transport services within the framework of a public service contract concern public passenger transport on the basis of a concession.¹¹⁸ All other passenger services are defined as other passenger services.

Zero rate exemption scheme relating to management

If a zero rate is applied to the basic access package in connection with the execution of orders given by ProRail in connection with the management of the railway infrastructure, a zero rate is also applied to the extra levy.

5.4 Additional services and charges¹¹⁹

ProRail offers the following additional services within service package 3:

1. Traction energy, distinguished in:
 - a. Transport of electric tractive power
 - b. Supply of electric tractive power
2. Energy settlement application (EVA)
3. Facilitating Exceptional Transport
4. Services for railway vehicles:

The use of train preheating is described in section 7.3.5.2.5. ProRail does not offer any other services for railway vehicles in package 3.

¹¹⁸ As referred to in Section 20(1) in conjunction with (4) Passenger Transport Act 2000

¹¹⁹ See section 3 of Annex II to Directive 2012/34/EU

5.4.1 Tractive power

5.4.1.1 Transport of electric tractive power

Transport of electric tractive power		
1. General information		
1.1	Service	Transport of electric tractive power
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	The transport costs of electrical power charged by a third party to ProRail.
3. Description of the facilities		
3.1	Locations	The tracks that are fitted with an overhead line.
3.1.1	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs.
3.1.2	Technical characteristics	N/A
3.1.3	Planned changes	The planned changes are included in Appendix 10 Infrastructure projects and studies. See also Appendix 24
4. User costs		
4.1	Information related to the user charge	The transport costs of tractive power charged to ProRail by grid managers are included in the charge for the minimum access package for the tractive power supply service.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	Use of the overhead line infrastructure is included in the basic access package. The terms of delivery applicable to the use of tractive power supply systems are stated in 40.
5.2	Technical requirements made of railway vehicles	See section 2.3.9 and Appendix 8, item 2.2 of the Network Statement.
5.3	Independent use	N/A
5.4	IT systems	N/A
6. Capacity request		
6.1	Access request	The use of electric tractive power is linked to the capacity allocation. The process for requesting access is described in section 4.5 of the Network Statement.

5.4.1.2 Supply of electric tractive power

Supply of electric tractive power		
1. General information		
1.1	Service	Supply of electric tractive power.
1.2	Provider	VIVENS, for the supply of electric tractive power for the Combined Network, for further information see the website of VIVENS . CIEBR, for the supply of electric tractive power for the Betuweroute, for further information see the website of CIEBR .
2. Description of the facilities		

Supply of electric tractive power		
2.1	Description	<p>The purchase of electric tractive power and the supply of this electricity to railway vehicles via the tractive power supply system. This service is facilitated by.</p> <ul style="list-style-type: none"> VIVENS for the supply of electric tractive power to the Combined Network CIEBR for the supply of electric tractive power to the Betuweroute and the Zevenaar – Zevenaar Grens route section. <p>The supply of electric tractive power is available under competitive and non-discriminatory conditions to each and every railway undertaking, subject to a European tendering contract that has been concluded with the relevant power supplier.</p>
2.2	Where is the service provided	The tracks that are fitted with an overhead line.

5.4.2 Energy settlement application (EVA)

ECA				
1. General information				
1.1	Service	Energy settlement application (EVA)		
1.2	Service provider	ProRail		
1.3	Term of validity	The service is offered during the term of the Network Statement.		
2. Function				
2.1	Description	<p>This application facilitates the settlement of energy costs for tractive power consumed by railway undertakings. This service concerns the collection of specific railway vehicle information of railway undertakings and the enrichment of realised traffic data with this specific railway vehicle information. The collected data is delivered to ERESS (VIVENS and CIEBR). ERESS combines the information with data from certified measuring systems in the locomotive for the purpose of settling the energy costs of electricity consumed and for the billing of the charge for the tractive power supply service offered as part of the basic access package.</p> <p>The activities and systems of ERESS, VIVENS and CIEBR do not belong to this ECA service.</p>		
3. Description of the facilities				
3.1	Locations	N/A		
3.1.1	Availability	Availability: 7 x 24 hours		
3.1.2	Technical characteristics	The data for EVA is provided by railway undertakings via the Common Interface in the form of TCM and PTCPM messages.		
3.1.3	Planned changes	There are no planned changes.		
4. User costs				
4.1	Information related to the user charge	<p>The charge for the ECA service is calculated on the basis of the number of kilowatt hours supplied via the traction and energy supply. The charge per kilowatt hour for the ECA service is:</p> <table border="1" style="margin-left: 20px;"> <tr> <td style="background-color: #c00000; color: white; text-align: center;">Charge (per kilowatt hour)</td> </tr> <tr> <td style="text-align: center;">€ 0.000348</td> </tr> </table>	Charge (per kilowatt hour)	€ 0.000348
Charge (per kilowatt hour)				
€ 0.000348				
4.2	Information relating to discount on the user charge	N/A		
5. User conditions				
5.1	Legal requirements	EVA is made available to all titleholders with an Access Agreement.		
5.2	Technical requirements made of railway vehicles	N/A		
5.3	Independent use	N/A		

ECA		
5.4	IT systems	N/A
6. Capacity request		
6.1	Access request	N/A
6.2	Handling time	N/A
6.3	Information on capacity availability and temporary capacity restrictions	N/A

5.4.3 Facilitating Exceptional Transport

Facilitating Exceptional Transport				
1. General information				
1.1	Service	ProRail facilitates Exceptional Transport by railway undertakings with standard and customised schemes. Facilitating exceptional transport is a service under category 3 of Annex II, Directive 2012/34/EU.		
1.2	Service provider	ProRail		
1.3	Term of validity	The service is offered during the term of the Network Statement.		
2. Function				
2.1	Description	Standard and customised regulations for Exceptional Transport, see section 3.4.2 and 4.7 of the Network Statement.		
3. Description of the facilities				
3.1	Locations	This service is provided on the main railway network.		
3.1.1	Opening times	N/A		
3.1.2	Technical characteristics	See section 4.7 Exceptional Transport.		
3.1.3	Planned changes	The planned changes are included in Appendix 10 Infrastructure projects and studies.		
4. User costs				
4.1	Information related to the user charge	<p>No specific charges apply to the 'Facilitating Exceptional Transport' service, if use is made of standard regulations offered by ProRail.</p> <p>A charge is applied for a customised regulation. The charge per requested customised regulation for Exceptional Transport is:</p> <table border="1" style="margin-left: 20px;"> <tr> <td style="background-color: #c00000; color: white; text-align: center;">Charge (per requested customised regulation)</td> </tr> <tr> <td style="text-align: center;">€ 186.59</td> </tr> </table> <p>See section 4.7 Exceptional Transport.</p>	Charge (per requested customised regulation)	€ 186.59
Charge (per requested customised regulation)				
€ 186.59				
4.2	Information relating to discount on the user charge	N/A		
5 User conditions				
5.2	Technical requirements made of railway vehicles	See section 4.7 Exceptional Transport.		
5.3	Independent use	N/A		
5.4	IT systems	N/A		
6 Capacity request				
6.	Request	Request via the One-Stop-Shop, oss-bv@prorail.nl		

5.5 Ancillary services and charges¹²⁰

ProRail distinguishes the following ancillary services within service package 4:

1. Access to the telecommunications network
2. Provision of supplementary information
3. Inspection of railway vehicles
4. Special maintenance services and facilities

5.5.1 Access to the telecommunications network

With regard to access to the telecommunications network, the GSM-R Walkie-Talkies and GSM-R other rail-related voice and data services are offered in addition to the GSM-R Voice Safety service (see item 14 of Appendix 23), which is part of the minimum access package. Voor de details, see item 15 and 16 of Appendix 23. For the possible applications of the GSM-R Walkie-Talkies and GSM-R other rail-related voice and data services, contact informatiediensten@prorail.nl.

A charge applies for the GSM-R Walkie-Talkies and GSM-R other rail-related voice and data ancillary services. The charge is shown in the third column of the table. The fourth column of this table contains a reference to the appendix for a detailed explanation.

Table 5.2 Auxiliary services for access to the telecommunications network, including charge.

Name	Function	Charge	For further information, see
<i>Type</i>			
GSM-R Walkie-Talkies	Operational voice communication (point-to-point and group communication via handhelds / walkie-talkies on railway yards or in tunnels). The service Voice Railway Safety is also supported within GSM-R Walkie-Talkies.	On request (customised)	Appendix 23 - 15
GSM-R other rail-related voice and data	Operational voice communication (point-to-point via handhelds / walkie-talkies in railway yards or tunnels) and data communication (text, circuit switched or packet switched for telemetry applications).	On request (customised)	Appendix 23 - 16

The service is offered exclusively to railway undertakings.

5.5.2 Provision of supplementary information

The table below lists the auxiliary services that are offered in the areas of preparation, timetable planning, timetable execution, testing possibilities and performance analysis. The extra purchase of services that are part of the train path service (see section 5.3.1) for which a graduated scale is used for the purchase of extra subscriptions or applications are also offered as an auxiliary service.

Charges apply for a number of the auxiliary services for the "provision of additional information". The charges are shown in the third column of Table 5.3. The fourth column of this table provides a reference for a detailed explanation.

Table 5.3 Auxiliary services for the provisions of supplementary information, including charge.

¹²⁰ See section 4 of Annex II to Directive 2012/34/EU.

Name	Function	Charge	For further information, see
<i>Preparation phase (for capacity requests)</i>			
Provision of customised railway infrastructure data via Infra-Atlas	Customised data on the functionality of the railway infrastructure using Infra-Atlas data.	On request (customised)	Appendix 23 - 2
Provision of GeoData	Provision of GPS/RD data on: <ul style="list-style-type: none"> Centre of the track Coupling point Stations Timetable points 	No charge applicable	Appendix 23 - 3
Wegkennisbank (Network Database)	Data on the main railway network and NS sites by means of Signposts drawings enriched with media and documentation.	Via NedTrain B.V.	Appendix 23 - 41
FRISO	Simulation tool for infrastructure studies, capacity, robustness and safety analyses, innovation studies.	€ 4,727 ⁽¹²¹⁾	Appendix 23 - 35
NEO Simulation	Carrying out a simulation for testing innovations with the aim of improving train running.	On request (customisation)	Appendix 23 - 38
ProRail ERTMS Integration Lab (PREI)	Performance of (chain) integration tests between ERTMS on-board equipment and ERTMS trackside equipment in the ProRail ERTMS Integration Lab (PREI) with the aim of eliminating compatibility risks.	On request (customised). A fee of €2.084 per day will be charged for the use of the ProRail ERTMS Integration Lab.	Appendix 23 - 38
<i>Capacity request phase</i>			
Order Portal	Submit capacity requests for train paths in the Netherlands.	€ 1,264 Per account above applied graduated scale	Appendix 23 - 9
<i>Performance phase</i>			
SpoorWeb	Communication in case of disasters.	€ 3,194 Per Account above applied graduated scale	Appendix 23 - 18
VIEW	Real-time information on train movements.	€ 117 Per account above applied graduated scale	Appendix 23 - 19
Planning and performance information (NL)	Supply of real-time traffic plan data, related changes to the train service and performance information.	€ 4,462 ⁽¹²²⁾ Per connection	Appendix 23 - 20

¹²¹ For FRISO, in addition to a charge, licence costs for the use of the simulation platform Enterprise Dynamics apply. See Appendix 23, item 35 for details.

¹²² This concerns the charge for the use, the implementation concerns customisation for which a price proposal is made on request.

Name	Function	Charge	For further information, see
MeekijkVOS	View functionality in the VOS traffic control system, making it possible to monitor the course of train services.	€ 2,069 Per account	Appendix 23 - 22
TIS	Real-time information on movements of international passenger trains and national and international freight trains.	Via RailNetEurope	Appendix 23 - 23
RouteLint	Real-time information for the driver on the traffic situation on his route.	€ 0.008753 Per forecast train kilometre	Appendix 23 - 24
ORBIT	Gives the driver a warning when approaching a red signal at too high a speed.	€ 0.007590 ⁽¹²³⁾ Per forecast train kilometre	Appendix 23 - 25
MTPS	The provision of real-time data on train positions on the basis of train detection systems.	No charge applicable	Appendix 23 - 26
Customised incident-related data	Provision of customised incident-related data: - Current Standard Obstruction Measures - Undesired events	On request (customisation)	Appendix 23 - 33
Punctuality map	The punctuality map gives real-time graphical information on the punctuality of passenger train services.	No charge applicable	Appendix 23 - 36
<i>Performance and analysis phase</i>			
Information on train service performance: customised reports, provision of data and analyses.	Customised report, provision of data and analysis of the train service performance.	On request (customisation)	Appendix 23 - 28
TOON	Information on historic train movements.	€ 398 Per account	Appendix 23 - 29
Approval Monitoring	Possibility to accept or reject the causes of train deviations registered by ProRail.	€ 995 Per account above applied graduated scale	Appendix 23 - 30
Quo Vadis and Hotbox	Measurement data on, for example, axle loads and wheel temperatures of passing railway vehicles.	On request (customisation)	Appendix 23 - 31
Sherlock	Support in the analysing of train performances	On request (customisation)	Appendix 23 - 32

The services are provided exclusively to railway undertakings, unless stated otherwise.

The charge due is calculated on an annual basis, unless otherwise agreed. When concluding the Access Agreement, it will be determined which ICT and information services will be purchased and which associated costs will be charged for use.

¹²³ This concerns the charge for the use, the implementation concerns customisation for which a price proposal is made on request.

5.5.3 Inspection of railway vehicles

ProRail does not perform any inspections of railway vehicles. The inspection of railway vehicles is carried out by inspection bodies designated by the Minister of Infrastructure and Water Management for the approval and certification of new and revised railway vehicles. The inspection bodies are stated on the [website of the ILT](#).

5.5.4 Special maintenance services and facilities¹²⁴

Special maintenance facilities are available at overhaul and maintenance firms. ProRail. An overview of the operators of rail-related services and service facilities known to ProRail can be found on the [ProRail website](#).

5.6 Financial penalties, incentives and compensation

5.6.1 Penalties for changing train paths by titleholders

No financial penalties in the form of levies or additions apply to the changing of train paths by titleholders.

5.6.2 Penalties for changes to train paths by the network manager

No financial penalties in the form of levies or additions apply to the changing of train paths by titleholders.

5.6.3 Penalties for not using train paths

No financial penalties in the form of charges or surcharges apply to the non-use of train paths by titleholders.

5.6.4 Penalties for cancellation of train paths

No financial penalties in the form of levies or additions apply to the cancellation of train paths by titleholders.

5.6.5 Incentives and discounts

5.6.5.1 Capacity surcharge

By applying the capacity surcharge, ProRail and the titleholders concerned can reach agreement on competing requests in the sense of Section 7(1) Railway Capacity Allocation Decree. The capacity surcharge is applied if no agreement can be reached during coordination on competing requests for transport. Use of the surcharge may facilitate agreement. The capacity surcharge is not applied if the requests can be handled to the satisfaction of the applicants involved.

The capacity surcharge for train paths is calculated as follows:

- The affected railway infrastructure is that part of the main railway network where the requests conflict with one another. Examples are: the route section between two timetable points, a platform track, a connection/flyover.

¹²⁴ Maintenance facilities intended for high-speed trains or other types of railway vehicles requiring specific facilities and associated major maintenance services.

- The period of 'congestion' is the time, rounded to whole minutes, during which the competing requests occur. This can re-occur several times during the timetable year.
- Each train path that was part of the competing timetable request and that uses the railway infrastructure concerned during the period of congestion is subject to a surcharge of € 100.

5.6.5.2 Discount for framework agreements

ProRail does not offer framework agreements.

5.6.5.3 ERTMS discount

ProRail offers no discount on the user charge for the application of ERTMS in trains.

5.6.6 Compensation for scheduled temporary capacity restrictions

In the context of determining capacity for works as described in section 4.3.3, ProRail may agree on financial compensation to titleholder(s) other than user charges. Under the condition that the alternative transport plan is workable, this compensation agreement is chosen together with the preferred possession variant drawn up by ProRail, subject to the conditions stated below. As regards the application of the provisions regarding compensation in this section, the manner of financing of the works from the newbuild budget or the modernisation budget is determinative for the qualification of works as newbuild or modernisation works. If modernisation works lead to major changes in track design and is in fact a change of function, the rules under section 5.6.6.1 may apply. This is determined the regional user consultations, after coordination with all parties.

5.6.6.1 Newbuild works

- a. In case of newbuild work, the out-of-pocket costs of replacement transport made by the railway undertaking are compensated only on the basis of quotes agreed in advance by ProRail.
- b. In case of newbuild works, no compensation is paid for rerouted passenger and freight trains. No additional compensation shall be granted for any additional stabling costs.
- c. If conversion works cause an infrastructure function to be unavailable for longer than 6 weeks (average term of a change sheet), and the negative impact thereof on the normal timetable traffic can only be resolved by a detour over other route sections, the resulting extra additional out-of-pocket costs of the titleholder, properly specified and substantiated, will be compensated by ProRail.

5.6.6.2 Modernisation works

- a. Passenger transport operators can, in case of scheduled modernisation works (large-scale maintenance and renewal) qualify for compensation, in the instances and to the degree described below.
 - i. Compensation is provided if and to the extent that a possession (partly) falls during normal working days (not low passenger traffic periods) and if the morning and/or evening peaks are affected; the compensation then applies to the cancelled train kilometres of the trains during those working days.
 - ii. No compensation is provided in case of possessions during weekends, night-time, off-peak hours, low traffic periods (i.e., school holidays and official public holidays) and the day between a public holiday and a weekend) or if the through traffic is not affected;
 - iii. The compensation is calculated by means of an amount per cancelled train kilometre of a normal traffic situation as a result of the possession;
 - iv. The compensation for passenger transport depends on the category to which the affected route section is allocated and amounts to:
 - For category 1 route sections: € 13 per cancelled train km according to the timetable.
 - For category 2 route sections: € 7 per cancelled train km according to the timetable.
 - The route sections are shown in section 5.6.6.4.

- b. Freight transport operators can, in case of scheduled modernisation works (large-scale maintenance and renewal) on freight corridors (see section 5.6.6.5) qualify for compensation, in the instances and to the degree described below.
- i. No compensation is provided in the case of possessions during weekends (Saturday 00.00 hours to Monday 06.00 hours) or in low freight traffic periods (i.e., public holidays and the day between an official public holiday and the weekend), in case the possession lasts shorter than 12 hours, or if the through rail traffic is not affected.
 - ii. Compensation is provided if and in so far as a possession (partly) falls during normal working days (not low freight traffic periods) and if the possession lasts longer than 12 hours; the compensation then applies to those trains that have not run according to the originally scheduled route during those working days.
 - iii. the compensation is calculated on the basis of an amount for each freight train affected by the possession. For a definition of an 'affected train' see section 5.6.6.5;
 - iv. The compensation per freight train is determined in accordance with the provisions under 'compensation rate' in section 5.6.6.5.
- c. Private passenger transport operators can, in case of scheduled modernisation works (large-scale maintenance and renewal) qualify for compensation for seasonal trains that cannot run on the initially requested route. The compensation amounts to € 16 per extra train kilometre between the detour according to the Corridor Book and the initially requested route.

If, in ProRail's exclusive opinion, strict application of this compensation scheme would lead to a situation that would clearly be considered unreasonable, it is possible to deviate from the above.

5.6.6.3 Combination of works

If modernisation works are combined with newbuild works, the compensation is calculated as the average compensation that would apply if no combination of works was present. The calculation is weighted according to the duration of the works and, if applicable, the transport flows affected, with the nature of the works determining the final payment per transport flow. This applies to both passenger and freight train operators. If the duration of a combination of possessions is less than 10% of the other possession, this is not regarded as a combination for the compensation scheme.

5.6.6.4 Criteria for the scheme for passenger trains

For the application of the compensation scheme for passenger trains, the route sections have been divided into two categories:

Category 1:

- Den Helder – Alkmaar – Amsterdam Centraal – Eindhoven – Maastricht / Heerlen
- Woerden – Leiden – Haarlem – Amsterdam Centraal
- Rotterdam Centraal / Den Haag Centraal – Utrecht Centraal – Zwolle – Groningen / Leeuwarden
- Amsterdam Centraal – Amersfoort – Deventer – Enschede / Oldenzaal grens
- Amsterdam Centraal – Schiphol Airport – Den Haag HS – Rotterdam Centraal – Roosendaal – Vlissingen / Roosendaal grens
- Schiphol Airport – Duivendrecht – Lelystad – Zwolle
- Hilversum – Utrecht Centraal – Arnhem – Zevenaar grens / Nijmegen
- Zwolle – Arnhem – 's-Hertogenbosch
- Roosendaal / Lage Zwaluwe – Breda – Tilburg – Boxtel / 's-Hertogenbosch
- Eindhoven – Venlo

Category 2: all other route sections, which are not allocated to category 1.

For the schemes, see section 5.6.6.1 and 5.6.6.2.

5.6.6.5 Criteria for the scheme for freight trains

The definition and rates below apply supplementary to the compensation scheme for freight trains as described in Section 5.6.6.2, item b.

Determining the number of trains for compensation (definition 'affected trains')

The compensation is calculated over the average number of trains that during the same period as the possessions (in terms of duration, day type and time) have actually run on the cancelled route section during one and two weeks before the possessions or one and two weeks after the cancellation. This is based on trains registered as 'freight trains' in Spoorkompas. Any freight trains that have run during the period of possession are deducted.

Rate

The compensation rate for freight trains depends on the route section on which the possession took place and is expressed as an amount per affected train (see definition above). The rates for the most popular freight routes are included in Table 5.5 below. A specific compensation rate is determined on a case-by-case basis in the event of possession measures that affect multiple route sections, whereby the customary detour routes cannot be used.

Table 5.5 Compensation rate for freight trains

Route section	Compensation rate
Amersfoort – Deventer	€ 610
Amersfoort - Zwolle	€ 370
Amersfoort – Duivendrecht Aansluiting	€ 850
Amersfoort – Utrecht	€ 610
Almelo – Mariënberg	€ 130
Alphen a/d Rijn – Gouda	€ 370
Amsterdam Centraal – Breukelen	€ 610
Breda – Roosendaal	€ 610
Breda – Tilburg	€ 610
Breukelen – Utrecht	€ 130
Boxtel – Eindhoven	€ 850
Boxtel – Vught Aansluiting	€ 370
Beverwijk – Haarlem	€ 850
Eindhoven – Roermond	€ 370
Eindhoven – Venlo grens	€ 850
Gouda – Harmelen Aansluiting	€ 370
Haarlem – Amsterdam Sloterdijk	€ 850
Harmelen Aansluiting – Breukelen	€ 850
Harmelen Aansluiting – Utrecht	€ 130
's-Hertogenbosch – Lunetten	€ 610
Kijfhoek – Lage Zwaluwe	€ 610
Kijfhoek – Meteren Aansluiting	€ 610
Leeuwarden – Meppel	€ 610
Meppel – Onnen	€ 610
Meteren Aansluiting – Zevenaar Oost	€ 610
Roermond – Sittard	€ 1,330
Roermond – Venlo	€ 1,090
Gouda – Rotterdam Zuid	€ 370
Deventer – Oldenzaal Grens	€ 850
Sittard – Eijsden Grens	€ 610
Sittard – Haanrade grens	€ 1,330
Tilburg – Boxtel	€ 610
Tilburg – Vught Aansluiting	€ 370

Utrecht – Zevenaar Oost	€ 130
Zwolle – Mariënberg	€ 1,090
Lage Zwaluwe – Breda	€ 370
Lage Zwaluwe – Roosendaal	€ 1,330

5.6.7 Compensation freight transport operators ad hoc capacity for operations

Pursuant to point b) of section 4.3.4, titleholders and ProRail are given the opportunity, when agreeing to the capacity change, to impose the condition that any disadvantage they suffer as a result of a deviation from previously allocated capacity is compensated.

The compensation concerns the direct operating costs listed in Table 5.6 or the out-of-pocket costs¹²⁵, including replacement transport, which are reimbursed on the basis of a specification.

The following rates apply as compensation¹²⁶ for the disadvantage suffered as a result of deviating from previously allocated capacity (within the meaning of section 4.3.4 of this Network Statement). On the open track, the compensation is calculated per extra kilometre of detour. If the allocated train has to depart later or earlier or has to stop along the way because of work in a railway yard, compensation is calculated based on delayed minutes or out-of-pocket costs for replacement transport. ProRail has based these rates on the calculations of the costs incurred for the 3rd Rail project and have been tested by TNO and the European Commission.

Table 5.6 Compensation for changed capacity

Compensation for changed capacity per extra (detoured) km in relation to the originally allocated km/min.	Rate (per train kilometre)
Extra compensation train path service (depending on weight) and/or stabling and shunting service (depending on track length)	€ *
Extra locomotive costs	€ 2.97
Extra energy costs	€ 2.23
Extra driver costs	€ 1.15

* The amount of the compensation depends on the weight as referred to in 5.3.1 Train path, item 4.1 of the table

Table 5.7 Compensation for cancelled capacity

Compensation for cancelled capacity per km without alternative (km of the original route)	Compensation (per train kilometre)
Total	€ 11.11

Calculation example per kilometre: A freight train with capacity rights from Maasvlakte West via Moerdijk Bridge to Venlo will, in case of an ad hoc possession on the Moerdijk Bridge that is requested 2 weeks before performance and for which no alternative timetable is available within 6 hours via, for example, Utrecht, be entitled to a compensation amount of 191.8 km x € 11.11 / km = € 2,130.90. The additional compensation for the train path service and/or stabling and shunting service are also applicable.

Calculation example per minute: A freight train with capacity rights from Pernis to Maasvlakte West receives, in the event of an ad hoc possession at the Botlek Tunnel requested two weeks before execution, compensation amounting to € 190.50 for a delay of 30 minutes (30 minutes x € 2.97 locomotive + 30 minutes x € 2.23 energy + 30 minutes x € 1.15 driver). The additional compensation for the train path service and/or the stabling and shunting service are also applicable.

The starting points for the compensation scheme are:

¹²⁵ Out-of-pocket costs are additional costs incurred by a railway undertaking as a result of the possession such as, for example, hiring equipment and/or facilities for personnel and/or the additional deployment of personnel.

¹²⁶ Compensation is exclusive of VAT and based on price level 2023. For a more detailed explanation, see section 5.8.2.1

- Only allocated rights that are affected by ad hoc work and lead to the detour or cancellation of a train are eligible for compensation of the direct operating costs.
- The detour or cancellation of a train is regarded as a deviation from the previously allocated capacity.
- A train will be considered cancelled if no alternative path can be offered on the Combined Network or the Betuweroute within 3 hours of the last allocated capacity, where the train has not run and the cause is attributable to the work. In such cases, the kilometres of the original path will be considered as the train kilometres eligible for compensation as referred to in Table 5.7.
- Compensation will only apply if the titleholder consents to accommodation of the works and deviations from the previously allocated capacity.
- Light locomotives are excluded from compensation for cancelled capacity as set out in Table 5.7, but are not excluded from compensation for loss of changed capacity as set out in Table 5.6.
- Disadvantage resulting from a train detour shall not be compensated if compensation has been paid for cancellation of the same train.

5.6.8 Compensation freight transport operators in the event of disturbances or restrictions on the Havenspoorlijn

The starting points for the compensation scheme are:

- The number of disruptive infrastructure failures on the Havenspoorlijn (including Kijfhoek) is relatively high and compliance with the environmental permits and fire brigade instructions on the Havenspoorlijn (including Kijfhoek) in Rotterdam is not in order on all points.
- These aspects could translate into short and/or long-lasting restrictions to use (nuisance) for the railway undertakings using the Havenspoorlijn and Kijfhoek.
- The situation in terms of failures has further deteriorated in 2020 compared to previous years. The number of delayed minutes due to infrastructure failures has increased by more than 20% compared to 2019, the number of disruptive failures by more than 10%.
- This excessive disruption can lead to damage/additional costs for railway undertakings due to delays, cancellations and/or additional operations that must be performed at other locations than initially planned.
- These include additional costs for locomotive and train driver deployment, energy, rescheduling, additional stabling, etc.
- These additional costs arise in both the feeder processes and the linehaul processes.
- The additional costs are depended to a limited degree on the weight of a train.
- In the coming years, ProRail will work to eliminate the causes of excessive disruption. This is expected to reduce the number of unplanned possessions and disruptions in the coming years. To this end, the number of additional planned ad hoc withdrawals (restrictions to use), required to carry out work, will first increase significantly.

The starting points for the compensation scheme are:

- An increase in costs due to excessive disruption is compensated by ProRail by means of a standardised scheme in the event of several (ten or more) disruptions in a quarter, whereby ProRail is the party causing the disruption.
- A failure is a disruption if it results in 121 or more minutes of delay calculated over all the trains affected. The impact and the number of trains affected are incorporated in the minutes of delay. The impact is measured on the basis of the current plan for the trains affected by the disruption. The current plan is the most current plan that the railway undertaking can rely on. A train that is cancelled due to a disruption counts as 120 minutes of delay.
- The amount of compensation (for the increase in costs due to excessive disruption) in a quarter depends on the number of disruptions on the Havenspoorlijn (including Kijfhoek). The more disruptions there are in a period, the higher the damage and the higher the compensation. If few or no disruptions occur, there will be no or limited increase in costs and no compensation will be paid in that period (quarter).
- The compensation scheme is linked to the Infrastructure and processes in order project, which runs from 13 December 2020 to 31 December 2023.

- In January 2023, the operation of the scheme will be evaluated and it will be determined whether it should be amended or continued after 31 December 2023.
- In 2021, the amounts from this scheme will be validated and adjusted where necessary for 2022-2023.
- ProRail reports the number of disruptions to rail undertakings/titleholders on a weekly basis. The report will be released within two working days of the end of the week and will contain all the disruptions and relevant detailed information, to which the transport operators can respond within three working days to ProRail.
- The compensation is the same for all rail undertakings and is applied in the same way regardless of whether the individual rail undertaking experienced more or less disruption in the relevant quarter.
- The compensation is granted for all kilometres invoiced by ProRail and paid for by trains with an origin and/or destination on the infrastructure of the Havenspoorlijn (including Kijfhoek). In addition, an exempted period per invoice line for the use of stabling tracks applies to stabling on the Havenspoorlijn, including Kijfhoek. The amount of the exempted period depends on the number of disruptions in the quarter.
- Only kilometres and parking minutes on infrastructure managed by ProRail are compensated.
- The compensation is paid to the party under whose responsibility the transport movement or preparation took place on the basis of the train number allocated by ProRail. In fact, this is the party who is invoiced for and pays for the stabling minutes/train path kilometres.
- If use is made of this compensation scheme, then the right to make a request for compensation on the basis of the Access Agreement with the associated General Terms & Conditions or on the basis of section 5.6.7 lapses unless a disruption and/or restriction lasts longer than five days (120 hours after the occurrence of the description/ restriction) with a total delay of 121 minutes or more or it concerns a disruption and/or restriction on areas under the management of ProRail outside the Havenspoorlijn (including Kijfhoek). In that case, a possible compensation will be determined on the basis of Article 18 of the General Terms & Conditions or ProRail will make a separate arrangement as applied until 12 December 2020 with regard to restrictions to use for shunting with dangerous goods on the Waalhaven railway yard¹²⁷. All this depends on the circumstances of the case. This concerns new disruptions and user restrictions that occur after 12 December 2020.

The compensation amounts to an amount per kilometre of the service rate:

- An amount for the train path service per invoiced kilometre of trains (including light locomotives) with an origin and/or destination on the Havenspoorlijn (including Kijfhoek).
- An exempted period in minutes of stabling on the Havenspoorlijn (including Kijfhoek).

The amount of compensation in a quarter depends on the number of disruptions in that quarter. The determination and payment of the compensation takes place after the end of that quarter.

Table 5.8 Compensation for disturbances on the Havenspoorlijn

Number of disruptions per quarter	Compensation per kilometre origin destination Rotterdam (X)	Compensation for stabling on Havenspoorlijn exemption period per invoice line in minutes (Y)
<10	€ 0.00	0
10-25	€ 0.20	108
26-40	€ 0.41	120
41-55	€ 0.62	216
>55	€ 0.68	240

¹²⁷ Waalhaven compensation scheme

5.7 Performance scheme

ProRail applies a performance scheme to railway undertakings active in the freight and passenger transport market segments. The performance scheme encourages railway undertakings and ProRail to minimise disruption and improve the performance of and on the main railway network. The added value of the performance scheme is such that it:¹²⁸

- leads to better punctuality and utilisation of railway capacity;
- leads to the use of less onerous railway vehicles for the railway infrastructure, or
- encourages the use of the Betuweroute for the transport of dangerous goods.

The components of the performance scheme are laid down in the Access Agreement.

Schemes for the passenger and freight transport market segments are described in the paragraphs below. These schemes do not have a financial component in the form of bonuses and penalties, but aim, by measuring, discussing and publishing the values of specific indicators per railway undertaking, to encourage railway undertakings to improve performance on these indicators. The same applies to ProRail's performance on the specific indicators that apply to the network manager.

For the publication of the performance indicators on the [Logistics Portal](#), an exception is made to the provisions as included in Article 6 of the General Terms & Conditions relating to confidentiality. The values of the agreed performance indicators for this performance scheme for each railway undertaking and the infrastructure manager are not considered confidential. ProRail also publishes the average realised values on its website.

5.7.1 Schemes for the passenger transport market segment

Regulation to be agreed upon

- ▶ ProRail will in the Access Agreement with the railway undertaking agree on a scheme that concerns:
 1. Rail vehicle defects
 2. Delivered train paths ◀

5.7.1.1 Rail vehicle defects

Objective

The 'railway vehicle defects' section of the performance scheme aims to reduce the number of defects in railway vehicles or to encourage the railway undertaking to repair railway vehicle defects as quickly as possible.

Indicator

The number of defects in railway vehicles of railway undertakings that affect the train service, per 100,000 train kilometres travelled by railway undertakings in a timetable year. A railway vehicle defect with an impact on the train service is a cause recorded in the Monitoring system under category 'D3 Railway vehicle defect'.

Starting points

The railway undertaking strives in 20223 to achieve an improvement in the value of the indicator compared to:

- The lowest value of the indicator of the railway undertaking in question in the past 3 years (2020 – 2022).
- The standard value of the indicator of the passenger transport market segment. The standard value is determined by the average realised value of the indicator over the past 3 years (2020 – 2022).

Measuring and discussion regime

At the beginning of the 2023 timetable, ProRail will publish on the Logistic Portal:

¹²⁸ Article 11i(2) Implementation Directive 2012/34/EU on establishing a single European railway area.

- The lowest value of the indicator per railway undertaking in the period 2020 – 2022.
- The standard value of the passenger transport market segment calculated on the basis of the average for the period 2020 – 2022.

After the end of the 2023 timetable, ProRail will publish on the [Logistics Portal](#):

- The realised value of the indicator per railway undertaking in the year 2023.
- The realised value of the passenger transport market segment in the year 2023. This average realised annual value is also published on the [ProRail website](#).

If a railway undertaking has been active on a particular route for less than three years, the realisation figures used will be determined in consultation prior to the timetable year. This will be stated with the publication.

5.7.1.2 Delivered train paths

Objective

The 'delivered train paths' section of the performance scheme aims to increase the proportion of train paths supplied by ProRail in relation to the total number of train paths agreed with the railway undertaking.

Indicator

A percentage consisting of the number of train paths delivered compared to the train paths agreed with the railway undertaking in a timetable year.

A train path is a capacity reservation for a train in the 'original plan'. The original plan consists of the timetable delivered to Traffic Control plus the new trains requested and submitted by the railway undertaking, with the exception of the six-digit train numbers from intervention measures.

The indicator measures, for the trains of the railway undertaking with a "passenger run characteristic" in this original plan, what percentage of not or not fully realised train paths of the total number of planned train paths is caused by the railway undertaking itself or by another railway undertaking.

Starting points

For each railway undertaking, ProRail strives to improve the value of this indicator in 2023 compared to 2022.

Measuring and discussion regime

At the end of the 2023 timetable, ProRail will publish the value of the indicator per railway undertaking on the ProRail Logistics Portal. This average realised annual value is also published on the ProRail website.

5.7.2 Schemes for the freight transport market segment

Regulation to be agreed upon

- ▶ ProRail will with the rail freight transporters agree on a scheme that concerns:
 1. Punctuality of freight trains
 2. Client nuisance as a result of infrastructure, ICT or third party disruptions as well as Traffic Control understaffing ◀

5.7.2.1 Punctuality of freight trains

Objective

This indicator serves to improve the punctuality of freight trains. Improved punctuality also contributes to better use of capacity on the railways. Arrival punctuality is a performance priority for the Rail Freight Corridors. Punctuality in the Netherlands also contributes to Rail Freight Corridor arrival punctuality.

Starting points and definitions

- Punctuality is measured with respect to the original plan with a maximum delay of 30 minutes and [OPTION] with respect to the current plan of up to three minutes.
- Punctuality is measured on departure/arrival/exit/border-in punctuality on the main railway network managed by ProRail. Border' refers to the management boundary between ProRail and DB Netze and Infrabel.
- The original plan is the plan that will be transferred to traffic control systems in the Donna transfer.
- A maximum of five turnaround cycles per railway undertaking per quarter, to be determined jointly in consultation. These may be either national or international turnaround cycles.
- The network manager provides monthly information on departure/arrival/exit/border-in/border-out punctuality on the main railway network managed by ProRail and provides the Rail-Freight-Corridor arrival punctuality.
- The railway undertaking is responsible for an analysis of performance and scope for improvement and makes improvements wherever this can reasonably have a direct operational and commercial impact.
- The standard is to achieve a positive trend in 2023.

Measuring and discussion regime

- According to standard process to achieve the objective: measurement, analyse causes of delay, define improvement measures, implementation, monitoring, intervention if necessary.
- Each month, the cause analysis, the scope for improvement and the measures (to be) are discussed in an account meeting.
- Twice a year, on the basis of the indicators set out in the performance scheme, the network manager informs railway undertakings in freight transport above the average average annual performance level within their sector.

5.7.2.2 Client nuisance as a result of infrastructure, ICT or third party disruptions as well as understaffing

Objective

The purpose of this indicator is to reduce the impact on the freight process of infrastructure, ICT or third party disruptions on the railways managed by ProRail as well as understaffing of Traffic Control, thus contributing to better reliability and availability of the main railway network and better utilisation of capacity on the railways.

Starting points and definitions

- The affected freight trains and individual locomotives are determined on the basis of an irregularity as a result of infrastructure, ICT or third party disruptions as well as understaffing of Traffic Control of the network manager for which a report card with infrastructure restriction has been generated in the SpoorWeb system. This must be done by taking a "photo" of the then valid plan between the two timetable points where the irregularity occurs in SpoorWeb at the moment an irregularity starts. Affected trains concern freight trains and light locomotives:
 - are rescheduled on first departure or in transit,
 - or have been rerouted via a different route or different border crossing,
 - or have been cancelled.
- Irregularity: all report cards with an infrastructure restriction in the SpoorWeb system.
- Understaffing Traffic Control: closing of workplaces at the Kijfhoek station.
- Freight train: train with running characteristic GO.
- Light locomotive: train with running characteristic LL.
- Rerouted train: train that has been (partially) rerouted (timetable points) due to an irregularity on its originally planned route.
- Train with a different border crossing: the freight train has been rerouted or given a different border crossing than originally planned.
- Train rescheduled on departure: the freight train has been allocated a different timetable (time slot) over the same complete route.

- Train rescheduled in transit: the freight train has been given an extra stop on the same route or a longer planned stop in the timetable.
- Cancelled train: the timetable has been removed from the VKL system by intervention by the network manager or has, out of necessity, been cancelled in VOS by the railway undertaking.
- Output: a list of the number of affected freight trains per incident per type of train (freight train, light locomotive) per intervention action (diverted, other border crossing, rescheduled on first departure or in transit, extra stop(s), cancelled) expressed in numbers, affected train number/date and in duration (minutes).

	Light locomotive	Freight train
Train rescheduled on first departure		
Train rescheduled in transit		
Rerouted train		
Train via other border crossing		
Cancelled train		

- ICT disruptions: these are disruptions at the Traffic Control systems (VOS and PRL).
- The network manager provides monthly information to the railway undertaking about client nuisance on the main railway network managed by ProRail.
- The network manager is responsible for an analysis of the performance and scope for improvement and makes improvements wherever this can reasonably have a direct impact.
- The standard is to achieve a positive trend in 2023.

Measuring and discussion regime

- According to standard process to achieve the objective: measurement, analyse causes of delay and cancel train, define improvement measures, implementation, monitoring, intervention if necessary.
- Each month, the cause analysis, the scope for improvement and the measures (to be) are discussed in an account meeting.
- Twice a year, on the basis of the indicators set out in the performance scheme, the network manager shall communicate the average annual performance level of the network manager to the railway undertakings in the freight transport sector.

5.7.3 Performance scheme complaints procedure

- Complaints and disputes regarding the implementation of the performance scheme agreed in the Access Agreement will be handled in accordance with the General Regulations on the Settlement of Complaints and Disputes.
- A party to the Access Agreement that is of the opinion that the other party to the agreement does not (properly) fulfil the performance scheme and that its complaint should be handled with urgency, can invoke application of the 'Performance scheme complaints procedure'.
- The complainant will submit the request for application of the 'Performance scheme complaints procedure' in writing to ProRail within 5 working days of receiving the information or documentation that gave rise to the complaint.
- The complaint will be handled by an impartial chairman designated by ProRail with the approval of the complainant. ProRail and the complainant will provide the chairman with the information that they consider necessary. The chairman will consult with both parties, at least once in each other's presence.
- After hearing the parties, the chairman will assess the urgent nature of the complaints procedure and will (if urgency applies) release a written opinion on the complaint within 10 working days.
- The complaint is satisfactorily resolved when both parties agree to the resolution in accordance with the decision by the chairman. Any party that is of the opinion that the complaint is not satisfactorily resolved will inform the other party thereof within 10 working days of the opinion of the

chairman, after which the handling will be continued in accordance with the General Regulations on the Settlement of Complaints and Disputes, applicable from Article 1, paragraph 4.

- On the application of this 'Performance scheme complaints procedure', the time periods stated in the General Regulations on the Settlement of Complaints and Disputes will be suspended until 10 working days after the chairman has released his opinion.
- This 'Performance scheme complaints procedure' constitutes the dispute regulation as referred to in Directive 2012/34/EU, Annex VI, Section 2.g.

5.8 Changes to charge schemes

5.8.1 Charge scheme 2023

If ProRail wishes to change (parts of) the charge schemes described in this Network Statement (with the exception of the charge for the basic access package and the extra charge), ProRail will submit the draft of the amended scheme to the titleholders for consultation. The changed scheme goes into effect at least three months after it has been announced in a supplement to the Network Statement.

ProRail can revise charges on the grounds of indexation according to the consumer price index (CPI) as stated in the central economic plan of the CPB (Netherlands Bureau for Economic Policy Analysis). Such a change goes into effect at least one month after having been announced in a supplement to the Network Statement.

5.8.2 Expected changes to charge schemes

5.8.2.1 Multi-year charges

The charges for the basic access package as described in section 5.3 and for the transfer and stabling services as described in section 5.4 and 5.5 are calculated for a period of three years (2023 – 2025). This means that the charges for these services will also apply to the 2024 and 2025 timetables. The additional levy as described in section 5.3.4 has been determined for a period of one year (2023). For the purpose of application in this year, the charges will be indexed to the price level of the timetable year concerned. The original price level of the charge is always taken as a starting point and is indexed on the basis of the realised inflation of a CBS index for the historical years and with the expected CPI for future years. The way in which these charges are indexed is described in detail in the allocation methods relating to these services.¹²⁹

From 2025 onwards, ProRail will facilitate free choice of supplier for railway undertakings on the traction network. See also the explanation in 40. The services of ProRail, including the associated charge, will be included in the Network Statement 2025.

5.8.2.2 Decisions ACM, appeal procedures

The charge schemes in the Network Statement can be changed pursuant to decisions taken by the ACM following requests regarding those charges based on Section 71(1) Railways Act or pursuant to a decision on an appeal lodged against earlier decisions by ACM with respect to charges.

The extra charge is based on the 'Market-can-bear test 2020 - 2024' and the 'Method of allocation extra charge 2018' dated 22/08/2018. It is known at the time of publication of the Network Statement 2023 that an appeal has been lodged against the decisions of the ACM with respect to these documents.

¹²⁹ Method of allocating costs to the minimum access package 2023 - 2025 dated 29 March 2021.

5.8.2.3 Transformation of ProRail into nondepartmental public body

In the coalition agreement 'Trust in the Future' (2017-2022), the Rutte III government has set out the intention to transform ProRail B.V. into a nondepartmental public body. This transformation will be shaped by means of an amendment to the Railways Act (see also section 1.1). On 18 February 2020, a bill was submitted to the Lower House of Parliament for this purpose, which has currently been declared 'controversial' and is awaiting the new government's approval. At the time of publication of the Network Statement 2023, the government formation is still in progress.

As a result of the transformation into a nondepartmental public body, a change is expected to the position of ProRail with regard to its obligations under the Turnover Tax Act. With regard to possible financial effects for titleholders, the starting point is the commitment made by the State Secretary for Infrastructure and Water Management in the letter to the House of Representatives dated 19 October 2018 (with reference IENW/BSK-2018/214092) that the transformation of ProRail into a nondepartmental public body will not lead to an increase in costs for titleholders and that the Ministry of Infrastructure and Water Management will prevent or compensate for any increase in costs for the titleholders.

In this respect, the draft legislation contains a provision that ensures that ProRail does not have to pass on the non-deductible VAT that it has to pay in the user charge. The changed situation may mean that the various methods of allocation on which ProRail bases its rate calculations will have to be adjusted. If this is the case, titleholders will be involved in these adjustments.

5.9 Invoicing

ProRail shall invoice the charges and levies per calendar month, after the end of the month in question, unless indicated otherwise.

Payment for the information services insofar as not included in the charge for the basic access package takes place in the first quarter of the year. In the event of an interim provision of an information service, invoicing takes place immediately after the service has been provided.

ProRail may, in case of reasonable doubt regarding the financial soundness of a titleholder, at all times require a financial guarantee in the sense of Article 23 paragraph 7 of the General Terms & Conditions. The financial guarantee consists of either an advance payment or a bank guarantee.¹³⁰

ProRail can in case of loss handling demand security to the amount of the estimated loss amount.

5.10 Other services, charges and levies

5.10.1 HSL levy

The HSL levy for the use of the route sections Hoofddorp – Rotterdam West and Barendrecht – Belgian border must comply with the regulations of the HSL Levy Decree 2015.¹³¹ The HSL levy is calculated per train kilometre over the distances between the following timetable points:

- Hoofddorp Midden – Rotterdam Hogesnelheidslijn Aansluiting (46.0 km)
- Rotterdam Lombardijen – Hogesnelheidslijn Breda Grens (48.6 km)
- Rotterdam Lombardijen – Zevenbergschenhoek Aansluiting (29.2 km)
- Breda Aansluiting – Hogesnelheidslijn Breda Grens (15.1 km)

¹³⁰ As referred to in Implementing Regulation EU 2019/779.

¹³¹ Section 2 HSL Levy Decree 2015.

The HSL levy is charged for train paths that are actually used, as well as for train paths that have been allocated to the railway undertaking on conclusion of the Access Agreement, but which have not been used by the railway undertaking.

Excluded are train paths that the railway undertaking was only able to use with a delay (or with an increase in delay) of more than 10 minutes in connection with infrastructural defects to the railway infrastructure belonging to the Hoofddorp - Rotterdam West and Barendrecht - Belgian border high-speed lines, or was not able to use as a result of the nonavailability of any part of the high-speed network or the connecting main railway infrastructure as referred to in Section 3(2)(a) HSL Levy Decree 2015. Also excluded are paths used by the titleholder for work to be carried out on or on the main railway network at the direction of the network manager or for the management of the main railway network, as referred to in Section 3(1)(c) HSL Levy Decree 2015.

The titleholder will from 1 February 2023 owe the HSL levy over the time period from 11 December 2022 until 31 December 2022, to be determined in consultation with the titleholders on the basis of a provisional settlement of a forecast or allocated number of train kilometres of the titleholders on the high-speed railway network during the 2022 calendar year.

The titleholder will from 1 February 2024 owe the HSL levy over the time period from 1 January 2023 until 9 December 2023, to be determined in consultation with the titleholders on the basis of a provisional settlement of a forecast or allocated number of train kilometres of the titleholders on the high-speed railway network during the 2022 calendar year.

Final settlement will follow when the HSL levy has definitively been set in accordance with the provisions of the Decree HSL Levy 2015.

6 Operations

6.1 Introduction

The statutory rules for safe and unhindered use of the main railway network are laid down in the Railways act, the Rail Traffic Decree, the Rail Traffic Regulations and associated regulations. This chapter describes operational conditions and processes to be followed in order to promote the efficient use of the main railway network and an efficient handling of communication between ProRail and operational railway personnel.

Regulation to be agreed upon

- ▶ The purpose of ProRail in concluding an Access Agreement is to reach agreement on optimal use of the main railway network and efficient communications between ProRail and operational railway personnel, subject to the terms of the Operational Conditions as included in Chapter 6.2. ◀

6.2 Operational Conditions

6.2.1 Official language

ProRail uses Dutch as its official language in the TSI 'Operations and Traffic Control'. In the event of an 'international disruption', as defined in Chapter 2 of the [Handbook for International Contingency Management of RNE](#), the language as defined in this handbook applies (for more information see also section 6.3.3).

On the Enschede - Enschede Border route section, the working language is German, as defined in the document 'Supplementary agreement on local particularities for the Gronau - Enschede cross-border route section'. This document is available on the [ProRail Logistics Portal](#).

For certain cross-border route sections an exemption can be granted with regard to the language level that needs to be spoken, provided that the 'Procedure for the exemption of language level (B1) for drivers on cross-border route sections' is followed. This procedure is available for consultation on the [ProRail Logistics Portal](#).

6.2.2 Procedure for the operation of infrastructural elements (including ERTMS user processes)¹³²

All railway undertakings shall take measures to ensure that the operation of infrastructural elements, the train and the communication with the signalman by their employees takes place in a judicious manner. The method of operation is laid down in user regulations. The relevant operating instructions are available for consultation on the [Logistics Portal of ProRail](#). For example, there are regulations for the operation of a staff box on the platform, a facing point lock or an infrared remote control system.

There are also procedures around ERTMS, such as user processes for running trains (including communication with the signalman) and ERTMS Key Management. The relevant operating instructions are available for consultation on the [Logistics Portal](#) of ProRail. Railway undertakings shall ensure that their employees are aware of and comply with the applicable operating instructions. The operating instructions are intended for both direct and indirect users. They also include measures to ensure the security and confidentiality of the specific information exchanged when using certain elements of the infrastructure.

¹³² See Network Statement, section 3.4.2.

6.2.3 Departure procedure¹³³

The railway undertaking will as soon as possible notify the ProRail traffic control of foreseen delays and changes to the characteristics (length, tonnage, etc.) of a train, as a result of which the train could no longer use the reserved and allocated path.

The train driver shall report to ProRail's movements inspector any circumstance that results in his train not (or no longer) being able to depart at the agreed time. If the train is unable to leave due to unforeseen circumstances, the railway undertaking will leave the train manned at the request of ProRail. If manning by a railroad undertaking is not feasible, the railroad undertaking and the ProRail traffic control shall coordinate in good time in order to reach a tailor-made agreement.

6.2.4 Scheduled running of freight trains¹³⁴

To ensure the scheduled running of freight trains:

- ProRail always provides the railway undertaking with a current timetable no later than five minutes before the current departure time.
- The railway undertaking indicates via the Order Portal (see item 9,) in a timely manner when previously allocated infrastructure capacity is not used.
- The right to the allocated train path lapses 60 minutes before scheduled departure or border crossing (entering the Netherlands) if ProRail anticipates that a freight train will not use its train path.
- The rail freight operator monitors the departure process of freight trains departing from timetable points in the Netherlands and communicates the train status through Mijn Treinen (see item 40, Appendix 23).
- ProRail monitors cross-border freight trains entering the Netherlands; the status of these trains is made available to the railway undertaking through RMS Client (see item 12, Appendix 23).
- before scheduled departure, the railway undertaking provides the driver with a current timetable including transit times.
- the train driver strives for the timely passage of timetable points in accordance with the current timetable provided.
- ProRail strives for traffic flow according to the current timetable, also on the border route sections with DB Netz and Infrabel.

6.2.5 Provision of Load specifications¹³⁵

No later than five minutes before the first departure of each train on the main railway network managed by ProRail, or thirty minutes before a train reaches the border of the main railway network managed by ProRail, the railway undertaking shall provide ProRail with the (departure) composition of the train in TSI TAF format in the form of a Train Composition Message (TCM). This is further detailed in the *'Handleiding aanleveren beladinggegevens WLIS VL-PRC331 (Provision of Load Specifications Manual)*, which can be consulted on the [ProRail Logistics Portal](#).

6.2.6 Provision of information concerning the transport of dangerous goods within the meaning of RID¹³⁶/VSG¹³⁷ with sets of wagons or (a group of) opposite freight wagons on railway yards

The railway undertaking provides ProRail with information about the position, loading condition and nature of the load of RID wagons. The position of the wagon is indicated by means of the track

¹³³ The request and order acceptance process via the Order Portal is described in section 4.5 of this Network Statement. For intervention measures, see section 6.3.

¹³⁴ The request and order acceptance process via the Order Portal is described in section 4.5 of this Network Statement. For intervention measures, see section 6.3.

¹³⁵ See also Network Statement, section 3.4.4.

¹³⁶ [Regulations concerning the international carriage of dangerous goods by rail](#) (RID)

¹³⁷ [Regulation for the carriage of dangerous goods by rail](#) (VSG)

number and the position of the wagon in relation to other freight wagons on that track. The railway undertaking is responsible for the correctness, completeness and timeliness of its information. The railway undertaking is free to also use WLI138S for registration of non-RID wagons.

For the implementation of this obligation, 'on time' means that the railway undertaking registers each movement of an RID wagon and makes the information about it available within a time window of ten minutes before to ten minutes after the movement. To support this registration and provision of information, ProRail makes the WLIS system (see item 16, Appendix 23) available for use by railway undertakings. ProRail is responsible for the provision of information to public emergency services. The procedure is further described in the document '*Handleiding aanleveren beladinggegevens WLIS VL-PRC331*' (Provision of Load Specifications Manual), which is available for consultation on the [ProRail Logistics Portal](#).

6.2.7 Rust clearance

The corrosion of rails impacts upon the reliable operation of the train detection system. To prevent this from happening, ProRail designates trains for rust clearance. ProRail strives to avoid rust clearance with freight trains heavier than 3,000 tons and with freight trains carrying substance categories covered by the Basic Network Act or substances listed in RID table 1.10 (high hazard potential) wherever possible.

6.2.8 Emergency repairs to railway vehicles on the main railway network¹³⁹

Emergency repairs and repairs to railway vehicles on the main railway infrastructure shall be carried out by a company complying with Section 26q Railways Act. On the basis of Article 10 paragraph of the General Terms & Conditions (see 6), the responsibility lies with the railway undertaking that has placed the railway vehicle.

Defects may be detected during the technical inspection of a train to be carried out by a railway undertaking. These defects may give rise to emergency recovery and repairs. This concerns corrective measures to prevent the ascertained train defects from causing unsafe situations.

6.2.8.1 Emergency repairs

Emergency repairs are necessary when the safe running of the railway vehicle or train traffic can no longer be guaranteed. The AVV/GCU (General Contract of Use for wagons), Annex 9 (Conditions for the technical transfer inspection of wagons) defines for each defect what action and measures must be taken to rectify the defect and under which category/irregularity class (1-5) this defect falls.

- Repair of defects that fall under categories/irregularity classes 4 and 5 of Annex 9 of the AVV/GCU may take place on all railway infrastructure managed by ProRail if the safe running of the railway vehicle or train traffic can no longer be guaranteed.

Hoisting operations must be coordinated in advance with ProRail's Incident Response Team (General Freight Leader, +31 (0)88 - 23 18 801) by means of the 'Notification form for hoisting operations' (see the [Logistics Portal](#) of ProRail). If the actual recovery of railway vehicles is required, this shall be coordinated with the movements inspector in accordance with the 'Procedure for emergency recovery of railway vehicles on the main railway network' (see the [Logistics Portal](#) of ProRail). In doing so, the safe passage of through train traffic may not be impeded, and work shall be carried out safely and without causing damage to the environment.¹³⁵

- Repair of defects falling under the categories/irregularity classes 1, 2 and 3 of Annex 9 of the AVV/GCU is allowed at all railway yards of the main railway infrastructure with the use of hand tools. These repairs shall be coordinated with the movements inspector in accordance with the procedure for the emergency repairs of railway vehicles on the main railway network (see the [Logistics Portal](#) of ProRail) and may not impede other rail traffic.

¹³⁸ See Network Statement Appendix 23, item 16.

¹³⁹ See also Network Statement, section 0.

Hoisting operations must be coordinated in advance with ProRail's Incident Response Team (General Freight Leader, +31 (0)88 - 23 18 801) by means of the 'Notification form for hoisting operations' (see the [Logistics Portal](#) of ProRail). No environmental damage may be caused. The use of, among other things, lubricant is therefore only permitted with the use of soil protection measures, such as, for example, leakage mats.

6.2.8.2 Plannable/preventive repairs

On Botlek track 4204, an environmental permit has been issued specifically for repair work on equipment, whereby it is possible to carry out plannable repairs (with heavy equipment) in addition to emergency repairs. There is therefore no restriction on the use of tools when the user places soil protection measures before starting work, if necessary. Hoisting operations must be coordinated in advance with ProRail's Incident Response Team (General Freight Leader, +31 (0)88 - 23 18 801) by means of the 'Notification form for hoisting operations' (see the [Logistics Portal](#) of ProRail).

6.2.8.3 Repair tracks

Repair tracks in the main railway infrastructure are arranged in such a way that large equipment (i.e. crane or open body truck) can reach them. Hoisting operations must be coordinated in advance with ProRail's Incident Response Team (General Freight Leader, +31 (0)88 - 23 18 801) by means of the 'Notification form for hoisting operations' (see the [Logistics Portal](#) of ProRail). There is therefore no restriction on the use of tools when the user places soil protection measures before starting work, if necessary. All repair tracks offered and made available by ProRail can be found on the [Logistics Portal](#) of ProRail.

6.2.8.4 Hot work

For 'hot work' on Zee tot Zevenaar, the party carrying out the work shall report this to ProRail in advance by means of the notification form for work constituting a fire hazard (see the [Logistics Portal](#) of ProRail). The responsibility for safe execution lies (in accordance with the Working Conditions Act) with the contractor. Hot work within 15 metres of a wagon with characteristics for dangerous goods in accordance with VSG-RID substances with a GEVI classification¹³⁷ is prohibited, unless additional measures have been taken. For Kijfhoek railway yard, in addition to the above, the Kijfhoek Incident Coordinator (31-0) must also be notified of where hot work will take place.

6.2.8.5 Responsibility

Railway undertakings are always responsible for the shunting of railway vehicles from and to the track designated by ProRail Traffic Control, including any necessary movements of third party vehicles on that track, provided the railway vehicle(s) in question are movable. During the performance of emergency and plannable repairs to railway vehicles, the emergency routes in railway yards must remain free and unobstructed for the emergency services. In case of hoisting operations, this or a possible mitigating measure is included in the assessment of the plan of approach.

Section 0 provides information on available maintenance facilities.

6.2.9 Rail incident management¹⁴⁰

In the event of operational disruptions, incidents or emergencies and for the purpose of restoring safe and undisturbed train traffic, ProRail and railway undertakings shall have made arrangements and be prepared to handle the train incident¹⁴¹. The network manager has worked this out in more detail in the 'Rail Incident Management Manual' (available for consultation on the [ProRail website](#)). For measures to be taken in the event of train incidents, see section 6.3.4.

¹⁴⁰ See Network Statement, section 3.4.2.

¹⁴¹ In accordance with Section 25 Rail Traffic Decree in relation to Article 4.2.3.7 TSI 'Operations and Traffic Control'.

The following general principles apply to the handling of train incidents.

1. ProRail and the railway undertaking have an operational, tactical and strategic rail duty organisation that is up to date, trained and available 7x24 hours for the necessary consultations and execution of tasks:
 - a. in response to train incidents (emergencies);
 - b. when implementing preventive and preparatory measures relating to train incidents (with a view to increasing the resilience of the rail sector, for example in the event of an increased threat of terrorism, extreme weather conditions or during major events).
2. At incident exercises organised by ProRail:
 - Does the railway undertaking, in mutual consultation, make personnel and railway vehicles available?
 - Can the railway undertaking, in mutual consultation, participate with its own training targets.
3. The railway undertaking is responsible for providing ProRail with information that is important for effective assistance.¹⁴² Which information is required and how it will be provided is determining consultation with ProRail and included in the Operational Incident Agreements. This forms an appendix to the Access Agreement. Such information will in any event include:
 - Data to prepare for a train incident response: the provision, free of charge, of technical railway vehicle data and/or vehicle specific instructions. In particular, with a view to salvaging (a stranded train) or rerailing trains, and safe working in and around railway vehicles.
 - Contact particulars of alarm centres and rail duty services.
 - Data required for the evaluation of a train incident.
 - In accordance with Article 14 of the General Terms & Conditions, the railway undertaking shall provide assistance following instructions by or on behalf of the rail duty officer or incidents duty officer of ProRail, by providing suitable equipment and/or auxiliary persons. In providing this instruction, the network manager shall after hearing the railway undertaking, take into account the necessary urgency of the assistance and the consequences thereof for the railway undertaking.
 - In accordance with Article 16 of the General Terms and Conditions, the railway undertaking shall follow instructions given by officials of the network managers as laid down in the Access Agreement, for the purposes set out in paragraph Article 16.

6.2.10 Use of locally controlled areas¹⁴³

Immediately prior to carrying out shunting or train movements, the driver of a train will contact the movements inspector by means of a logged voice connection to request permission and make arrangements for the exchange of safety information. The movements inspector may then issue user instructions to the driver. The driver is obliged to observe such instructions. Prior permission from the movements inspector is also required to park railway vehicles on tracks in locally controlled areas. Requests can be submitted for permission to use tracks in a locally controlled area:

- If a single route, whose starting, end and any intervening points are identified by means of signal, track or points numbers. A single route is always run in one direction.
- As a Time Space Slot (TSS) for multiple consecutive movements, where the physical boundaries of the area within which those movements occur are indicated by signals and the time boundaries by desired start and end times. As soon as a driver has completed a single route entirely within a locally controlled area, the driver will report to the movements inspector that the requested use has ended.

The locally controlled areas and the defined Time Space Slots are defined in the overview of locally controlled areas. This overview can be accessed on the [ProRail Logistics Portal](#).

¹⁴² In accordance with Section 25 Rail Traffic Decree in relation to Article 4.2.2.7.2 TSI 'Operations and Traffic Control'.

¹⁴³ See Network Statement sections 2.3.12, 2.3.13 and 3.4.2.

6.2.11 Local particulars

The company regulations ProRail (RLN00300, which can be consulted on the [ProRail Logistics Portal](#) or the [ProRail website](#)) always apply to access by (personnel of) railway undertakings and their auxiliary persons to buildings and sites of ProRail. In addition to the company regulations, as a tool for each railway yard, ProRail has drawn up an overview of the local particulars on the basis of local conditions and applicable environmental permits. These local particulars are bundled and available for consultation on the [ProRail Logistics Portal](#) of ProRail. The source documents from which these local details originate can also be found on the Logistics Portal.¹⁴⁴ Railway undertakings and the network manager shall observe these local particulars.

6.3 Intervention measures

6.3.1 Principles of intervention measures

Under the terms of the Rail Traffic Decree, ProRail is authorised in case of interrupted operations, incidents or emergency situations, to give instructions to the driver or other persons participating in rail traffic.¹⁴⁵ These instructions are given as far as possible on the basis of intervention measures made in advance with the aim of returning to the original current plan as soon as possible.

The intervention measures are discussed in operational consultation bodies with railway undertakings. Measures undergo annual evaluation on the basis of practical experience and are adjusted if necessary.

Cooperation railway undertakings and ProRail

The Operational Control Centre Rail (OCCR) is an operational collaboration by the railway sector, with an own identity and accompanying facilities, including a national control room. In the OCCR, railway undertakings and ProRail work together in a shared workspace on the handling (and anticipation) of disruptions, disasters and other exceptional situations in the logistical and infrastructural processes (including power and ICT systems). In terms of handling, ProRail and the railway undertakings each retain their own statutory tasks and responsibilities in accordance with the Railways Act. The OCCR is open to all railway undertakings operating on the railway network managed by ProRail. For further information on the work procedures within the OCCR or on making use of the OCCR facilities, including the costs involved, is available on the [ICdoc incident and emergency site](#) of the OCCR. Contact details can also be found on this site.

6.3.2 Measures to deal with disrupted situations on the national network

In order to arrive at measures for disrupted situations, ProRail draws up:

- the assessment framework for blockages, available on the [ProRail Logistics Portal](#). Intended to define pre-determined blockage measures in the event of partial or full blockages.
- The guidelines for train-related delays. A guideline describes, at corridor level, which measures should be taken in which situations.

On the basis of the assessment framework and the guidelines in the event of delays, ProRail draws up:

- Blockage measures, these are adapted timetables for situations with less available infrastructure. Trains are turned, cancelled or rerouted. The use of alternative transport is also part of a blockage measure.
- Train service handling documents for train-related delays. These are handled according to if/then scenarios. This mainly concerns sequence changes between successive trains and waiting times for connections between (passenger) trains.

¹⁴⁴ See Network Statement Appendix 5, General Terms & Conditions, section 11.

¹⁴⁵ Section 26(3) Rail Traffic Decree.

6.3.3 Measures for major disrupted situations with international impact

For international disruptions longer than three days with a high impact on international traffic, international contingency management applies. This is coordinated at the level of the rail freight corridors.

Rail freight corridors play a facilitating role, taking into account existing contingency management and communication processes. Together with the infrastructure managers concerned, the corridor organisations have drawn up and published rerouting overviews and operational intervention scenarios. These can be found in the corridor documents, Book 4, Chapter 5 (see also section 1.7.1 and section of this Network Statement). For more information on the national intervention measures in the event of international disruptions, see section 6.3.2.

In accordance with the procedures for international intervention, transport operators are informed of disruptions. They are responsible for communicating this information to their clients. How the communication proceeds and how the railway undertaking can contribute to solving the disruption can be read in Chapter 4.2 of the International Contingency Management Handbook. This handbook can be found on the [RailNetEurope or PRIME website](#). The Customer Information Portal of RailnetEurope also contains all the detour routes jointly defined by the infrastructure managers, including the associated infrastructure characteristics.

The International Contingency Management Handbook contains guidelines that aim to maintain train running as much as possible in the event of an international disruption. The handbook describes how stakeholders across Europe are informed in an adequate and transparent way about the status and impact of the disruption. In addition, it defines the international steering and communication processes, in addition to the national processes. In this way, there will be better international cooperation between infrastructure managers and allocation bodies.

6.3.4 Measures relating to train incidents

The Rail Incident Management Manual explains how the rail sector is organised as regards the handling of train incidents and provides further elaboration of those processes and scenarios (available for consultation on the [ProRail website](#)). For information on incident management, see section 6.2.9.

Incident response processes

Incident handling comprises 12 incident response processes (subaspects)

These incident response processes are the responsibility of one or more parties. These parties draw up a plan for this and make the necessary preparations. For example, a process leader is appointed and, if necessary, a support organisation is set up.

Table 6.1 Incident response processes

No.	Incident response processes	Responsibility
1.	General management and coordination	Responsibility of the network manager for the rail sector. The rail duty service of a railway undertaking, involved in an incident, will as soon as possible provide notification by telephone and report on site to the Rail Duty Officer.
2.	Alarm	The network manager determines the scenario, and issues an alarm call to the railway undertaking on the basis of the chosen scenario and the location of the incident.
3.	Information management	The network manager collects, registers and distributes information. The railway undertaking is responsible for the logging/provision of information relevant to the incident handling.
4.	Salvage and response	Responsibility of the public order and safety services, who also have overall management from the perspective of this subaspect. The network manager has shared responsibility in this respect.

No.	Incident response processes	Responsibility
5.	Reception	The railway undertaking is responsible for the reception of: <ol style="list-style-type: none"> Its personnel. Its goods or own passengers in train or at the station, and will make the necessary preparations in this respect.
6.	Restoration of traffic function	Responsibility of the network manager.
7.	Restoration of transport function	The railway undertaking is responsible for restoring the transport function.
8.	Alternative transport	The railway undertaking is responsible for arranging alternative transport for passengers (in accordance with Section 16 Passenger Rights Regulation) and freight, both at the scene of the incident and elsewhere.
9.	Clearing of tracks	Responsibility of the network manager. The railway undertaking is responsible for: <ul style="list-style-type: none"> Enabling the network manager to safely and timely retrack and recover the railway vehicles used by the railway undertaking. Delivery within a reasonable time of specific tools and equipment if necessary. Performance of a follow-up procedure on the re-railed or recovered railway vehicles after arrival at the destination track, or after takeover at the scene of the incident.
10.	Recovery railway network	Responsibility of the network manager.
11.	Communications	The railway undertaking, acting within its own set of responsibilities, is responsible for the communications regarding a disaster and will make the necessary preparations in this respect. The spokespersons of the relevant railway undertakings will coordinate their communications with the spokesperson of the network manager. In case of train incidents in which the public emergency services are involved, the authorities determine the public information policy as regards victims and public health. The railway undertaking is responsible for the: <ul style="list-style-type: none"> Provision of traffic information on the factual situation on the track, whereby the alarming of the various spokespersons is organised and the provision of information is coordinated. Provision of information on reception, alternative transport and restoration of the transport function. Spokesperson function during and after the train incident and the required coordination with the authorities.
12.	Investigation	Responsibility of legally appointed investigative body and other parties, such as the railway undertakings and network manager, if laid down in regulations or by agreement.

Scenarios

Disasters are subdivided into 20 train incident scenarios. This alarm classification distinguishes 5 categories of train incident, which in turn are subdivided into 4 consequence levels for transport processes and response.

Table 6.2 Train incident scenarios

Scenario number	Scenario category
TIS 1	Interruption train service, derailment without victims
TIS 2	Fire
TIS 3	Collision, crash and derailment with victims
TIS 4	Dangerous goods
TIS 5	Suspicious behaviour, suspicious items and bombs

The extensive train incident scenarios are available for consultation on the [ProRail Logistics Portal](#) (Matrix Train Incident Scenarios).

Deployment of road-rail vehicles

The parties will in case of a disruption of train traffic do all that may reasonably be expected of them to resolve the disruption and limit the negative consequences thereof (Article 13 General Terms & Conditions). In addition to the existing options to make an open track, the network manager has four authorised road-rail vehicles available along the A2 corridor (Amsterdam - Eindhoven), which can be used to clear the way on this corridor (and, following a decision by the rail duty officer, also on adjacent route sections). This is done by towing or pushing a stranded train - possibly containing passengers - using the road-rail vehicle. The network manager shall ensure that the necessary permits, certificates and exemptions for this road-rail vehicle and the operator for use on the main railway network are obtained from the ILT before the first deployment and that the validity of these is maintained. Because a road-rail vehicle, when towed or pushed, forms part of the train composition and operates under the railway undertaking's safety certificate and safety management system, ProRail shall provide the railway undertaking with a copy of these permits, certificates and exemptions upon request.

The railway undertaking and ProRail shall each ensure for their own part that:

- (i) the railway personnel involved in the operation of the road-rail vehicle (driver and operator) is appropriately and sufficiently trained and instructed or supervised.
- (ii) the parties' safety management systems are adapted to the operation of the road-rail vehicle.

The following applies to the deployment of the road-rail vehicle:

a) Track entry and exit

Track entry and exit takes place at a level crossing or road-rail access point by the operator of the road-rail vehicle under the responsibility of ProRail. During track entry and exit, the adjacent track is at least blocked for other train traffic.

b) Travel on the main railway network

Under the responsibility of ProRail, the road-rail vehicle is driven to the incident location by the road-rail vehicle operator.

c) Coupling

The operator of the road-rail vehicle combines or couples the road-rail vehicle to the stranded train as instructed by the train driver or rail duty service. The driver of the railway undertaking is ultimately responsible for checking that the train is properly combined or coupled to the road-rail vehicle.¹⁴⁶

d) Testing

After the road-rail vehicle is coupled to the stranded train, the driver and/or the rail duty service of the railway undertaking and the operator of the road-rail vehicle shall perform the braking test under the responsibility of the driver.

e) Making working arrangements

The operator instructs the driver on how to bring the combination to a standstill with an emergency stop. Next, a checklist is run through and signed by the operator of the road-rail vehicle and the driver of the railway undertaking. From the moment the combination starts to move (see f.), the combination moves under the safety certificate of the railway undertaking, with the driver of the combination being responsible for the combination.

f) Salvaging and making open track

After requesting a route from the movements inspector, the operator of the road-rail vehicle applies traction and brakes on command of the driver. The combination can be stopped at any time by either the driver or the operator of the road-rail vehicle.

g) Uncoupling

The railway undertaking's responsibility for the train set ends when the road-rail vehicle is uncoupled.

¹⁴⁶ ILT decision dated 23 December 2019, ILT-2019/60434.

6.4 Systems for real-time information on train movements

The table below lists and briefly describes the applications and publications that provide real-time information on train movements. The third column of this table provides a reference for a detailed explanation.

Within these facilities, a distinction is made between facilities made available from the train path service (see section 5.3.1) and facilities available as an ancillary ICT service (see section 5.5). Costs may be associated with ancillary ICT services.

Table 6.3 Systems for real-time information on train movements

Name	Function	For further information, see
<i>From train path</i>		
SpoorWeb	Communication in case of disasters.	Appendix 23 - 18
VIEW	Real-time information on train movements.	Appendix 23 - 19
Capacity requests and planning & performance information (according to TSI TAF/TAP standard)	The submission of capacity requests for train paths, the sending of offers of train paths, the changing of train paths and cancellation of train paths, border alignment and the changing and cancellation of train paths by ProRail based on the TAF/TAP TSI messages and the provision of planning & implementation information based on the TAF/TAP TSI messages.	Appendix 23 - 21
<i>From ancillary ICT services</i>		
Planning and performance information (NL)	Supply of real-time traffic plan data, related changes to the train service and performance information.	Appendix 23 - 20
MeekijkVOS	View functionality in the VOS traffic control system, making it possible to monitor the course of train services.	Appendix 23 - 22
TIS ¹⁴⁷	Real-time information on movements of international passenger trains and national and international freight trains.	Appendix 23 - 23
MTPS	The provision of real-time data on train positions on the basis of train detection systems.	Appendix 23 - 26

¹⁴⁷ TIS is supplied by RailNetEurope.

7 Service facilities and charges

7.1 Introduction

A service facility concerns the installation, including site, building and equipment, which is fitted out in full or part in particular for the provision of one or more services. Services may also be provided in the case of service facilities. This chapter describes the access¹⁴⁸ and use of service facilities belonging to service package 1492, including the provision of services associated with these facilities and the charges.

7.2 Service facilities offered by third parties

Article 5 of Implementing Regulation 2017/2171507 requires operators of rail-related services and service facilities to publish their offer via the Network Statement of the network manager. They are expected to place the available information on their own website and to share the hyperlink with ProRail via netverklaring@prorail.nl, or provide the relevant information to the infrastructure manager for publication in the Network Statement.

ProRail then compiles a list of its known operators and a reference to their offer. This list can be found on the [ProRail website](#); reference thereto is made in the Network Statement.

For the description of services or service facilities, RailNetEurope, together with the regulatory bodies, has developed a uniform template, which can be found on the [RNE website](#).

The template contains the different characteristics of a service or service facility which - if applicable - must be explained.

7.3 Service facilities offered by ProRail

ProRail distinguishes the following services and service facilities within service package 2:

1. Passenger stations
2. Freight terminals
3. Railway yards
4. Stabling yards
5. Maintenance services and facilities
6. Other technical services and facilities
7. Seaport and inland port services and facilities
8. Assistance and ancillary services and facilities
9. Refuelling

The following paragraphs explain the above services and service facilities. The geographical location of these services and service facilities can also be consulted via the [Rail Facilities Portal](#) of RailNetEurope.

¹⁴⁸ Including access via the railways.

¹⁴⁹ See section 2 of Annex II to Directive 2012/34/EU

¹⁵⁰ Implementing Regulation (EU) 2017/2177 of 22 November 2017 on access to service facilities and rail-related services.

7.3.1 General Terms & Conditions

User charge

The term 'user charge' is a collective term for the various charges paid by railway undertakings to ProRail in connection with the services they purchase from ProRail for the acquisition of capacity rights and access to and use of the railway infrastructure and facilities managed by ProRail, as well as the services to be provided in connection therewith. For a more detailed explanation, see section 5.1 and 5.2. This chapter sets out the charges for the (access to) service facilities and services provided in those facilities (category 2 services).

Charging principles and charging framework

For information on charging principles and the charging framework, see Chapter 5.2 of the Network Statement.

Cost allocation and rate calculation category 2 services

In allocating the costs for the category 2 services offered, namely shunting, use of the Kijfhoek shunting hump, the transfer service and to calculate the charges for these services/service facilities, ProRail uses the methods described in the documents 'Method of allocating costs to the transfer service facility service 2023 - 2025' dated 10 December 2021 and 'Method of allocating costs to the stabling and shunting service 2023 - 2025' dated 10 December 2021. These documents are available on the [ProRail website](#).

Rules of procedure

- ▶ Agreement on the charges is subject to the rules below.
 - a. The charges, surcharges, additions, deductions and discounts as included in the Network Statement are non-negotiable.
 - b. All charges are agreed in the Access Agreement. ◀

The services are settled on the basis of actual use or in accordance with scheduled use or agreed consumption, as indicated in section 5.3 of the Network Statement.

Charges

Sections 7.3.2 to 7.3.10 state the charges for the services provided by ProRail at a fixed rate. The rates are stated exclusive of VAT. For charges for services from other providers, reference is made to the provider's website.

The charges included in this section are stated exclusive of VAT. The charges are based on price level 2023, unless stated otherwise. For further explanation, see the paragraph *Multi-year charges* below. For the period 11 December 2022 up to and including 31 December 2022, the charges in the Network Statement 2022 in force on 11 December 2022 apply.

Charge scheme 2023

For more information on the charge scheme, see section 5.2 of the Network Statement.

Multi-year charges

The charges for the transfer and stabling services as described in section 7.3.2 and 7.3.5 are calculated for a period of three years (2023 – 2025) This means that the charges for these services will also apply to the 2024 and 2025 timetables. For the purpose of application in this year, the charges will be indexed to the price level of the timetable year concerned. The original price level of the charge is always taken as a starting point and is indexed on the basis of the realised inflation of a CBS index for the historical years and with the expected CPI for future years. The way in which these charges are indexed is described in detail in the allocation methods relating to these services.¹⁵¹

¹⁵¹ Method of allocating costs to the transfer service facility service 2023 - 2025 dated 10 December 2021 and Method of allocating costs to the stabling and shunting service 2023 - 2025 dated 10 December 2021.

Transformation of ProRail into nondepartmental public body

As a result of the transformation into a nondepartmental public body, a change is expected to the position of ProRail with regard to its obligations under the Turnover Tax Act. For any consequences of this for the charges, see section 5.8.2.3.

Invoicing

ProRail invoices the charges per calendar month after the end of the month concerned. For more information on invoicing, see section 5.9.

7.3.2 Passenger stations

7.3.2.1 General information

ProRail distinguishes the following services and service facilities at stations:

1. Transfer
2. Travel Information
3. Services regarding ticket sales at passenger stations
4. Use of NS Stations service facilities

ProRail further elaborates the transfer service facility as being the use of:

- tunnels leading to the platforms
- walkways
- escalators/stairs
- ramps
- lifts
- the pedestrian routes between the public road and platform for passengers who arrive or depart on foot

including:

- signposting
- cameras for security purposes
- sensors
- lighting
- clocks
- PA systems
- waiting facilities
- travel information facilities (frames, screens)
- service facilities (frames)
- location for ticket dispensing machines and check-in-check-out posts¹⁵²
- location for access control facilities (for gates)¹⁵³
- location for information counter¹⁵⁴

to enable the transfer of passengers, both from outside the station to the trains, and vice versa, as well as between trains. For the use of the transfer service facility, see section 7.3.2.2.1. Detailed information about the transfer service facility and accompanying services is available on the joint [website of NS Stations and ProRail](#). To acquire information that is not yet available on the website, send an email to contact@stations.nl.

Platforms are not part of the transfer facility. For this, see section 5.3.2.

¹⁵² Insofar as the location is owned by Railinfratrust B.V.

¹⁵³ Insofar as the location is owned by Railinfratrust B.V.

¹⁵⁴ Insofar as the location is owned by Railinfratrust B.V.

Accessibility Programme

The Accessibility Programme comprises measures required to improve the accessibility of rail transport for passengers with a physical disability. The measures are aimed at the accessibility of existing stations. The standards are derived from existing regulations and documents such as the Building Decree, the Memorandum Basic Station 2005 and the TSI PRM. In case of newbuild and redevelopment of stations, ProRail applies the standards and guidelines regarding accessibility and capacity of transfer spaces as stated in the Memorandum Basic Station 2005 and the TSI PRM.

Access control facilities

Railway undertakings have at various stations regulated access by means of access control facilities. The [website of NS](#) provides an up-to-date list of the stations fitted with access control facilities by railway undertakings. Information is also provided:

- On which stations/platforms and from which date the access control facilities are activated.
- The measures that have been taken by the railway undertaking to enable passengers and/or service personnel of other railway undertakings to pass the access control facilities.

Regulation to be agreed upon

- ▶ ProRail will in the Access Agreement with the railway undertakings that wish to regulate the access to stations by means of access control facilities, conclude agreements on the provision of information and the measures that shall be taken to enable passengers and/or service personnel of other railway undertakings to pass the access control facilities. ◀

7.3.2.2 Station services

7.3.2.2.1 Transfer facility at passenger stations

Transfer facility at passenger stations		
1. General information		
1.1	Service	The transfer service facility at passenger stations belongs to category 2 of Annex II of Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		

Transfer facility at passenger stations		
2.1	Description	<p>Access to and use of the transfer facilities managed by ProRail on and near the railway infrastructure, as referred to in section 7.3.2.1, namely:</p> <ul style="list-style-type: none"> tunnels leading to the platforms walkways escalators/stairs ramps lifts the pedestrian routes between the public road and platform for passengers who arrive or depart on foot <p>including the existing:</p> <ul style="list-style-type: none"> signposting cameras for security purposes sensors lighting clocks PA systems waiting facilities travel information facilities (frames, screens) service facilities (frames) location for ticket dispensing machines and check-in check-out posts¹⁵⁵ location for access control facilities (for gates)¹⁵⁶ location for information counter¹⁵⁷ <p>Platforms are not part of the transfer service facility. For this, see section 5.3.2.</p>
3. Description of the facilities		
3.1	Locations	The joint website of NS Stations and ProRail specifies for each of the stations stated in Appendix 25, which services and service facilities are available per station and which are offered by ProRail.
3.1.1	Opening times	30 minutes before the start of the timetable until 30 minutes after the last train according to the timetable.
3.1.2	Technical characteristics	N/A
3.1.3	Planned changes	The planned changes are included in Appendix 10 Infrastructure projects and studies.
4. User costs		

¹⁵⁵ Insofar as the location is owned by Railinfratrust B.V.

¹⁵⁶ Insofar as the location is owned by Railinfratrust B.V.

¹⁵⁷ Insofar as the location is owned by Railinfratrust B.V.

Transfer facility at passenger stations																																
4.1	Information related to the user charge	<p>The charge for the use of passenger stations per stop depends on 5 station classes and 3 train stop codes.</p> <table border="1"> <thead> <tr> <th rowspan="3">Station class</th> <th colspan="3">Charge (per stop)</th> </tr> <tr> <th colspan="3">Train stop code</th> </tr> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>Stop</td> <td>€ 2.61</td> <td>€ 6.81</td> <td>€ 8.20</td> </tr> <tr> <td>Basic</td> <td>€ 3.57</td> <td>€ 9.32</td> <td>€ 11.21</td> </tr> <tr> <td>Plus</td> <td>€ 5.90</td> <td>€ 15.42</td> <td>€ 18.56</td> </tr> <tr> <td>Mega</td> <td>€ 7.54</td> <td>€ 19.71</td> <td>€ 23.72</td> </tr> <tr> <td>Cathedral</td> <td>€ 16.05</td> <td>€ 41.95</td> <td>€ 50.50</td> </tr> </tbody> </table>	Station class	Charge (per stop)			Train stop code			A	B	C	Stop	€ 2.61	€ 6.81	€ 8.20	Basic	€ 3.57	€ 9.32	€ 11.21	Plus	€ 5.90	€ 15.42	€ 18.56	Mega	€ 7.54	€ 19.71	€ 23.72	Cathedral	€ 16.05	€ 41.95	€ 50.50
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Cathedral	€ 16.05	€ 41.95	€ 50.50																													
<p>The volume of use, the number of stops, is determined on the basis of actual use.</p> <p>The classification into 5 station categories (stop, basic, plus, mega, cathedral) is provided in Appendix 25 and is based on the estimated numbers of (dis)embarking and transferring passengers, with the threshold values <1000 / 10,000 / 25,000 / 75,000 / >75,000 (dis)embarking and transferring passengers per day.</p> <p>The applicable train stop code (A, B, or C) is determined on the basis of the train number; subject to the rules below.</p> <ul style="list-style-type: none"> • Train stop code A: train for passenger transport that during its route from start to end station according to the timetable (the trip under one train number) stops at all stations or fails to stop at no more than 15% of the stations. • Train stop code B: train for passenger transport that during its route from start to end station according to the timetable (the trip under one train number) stops at a minimum of 50% of the stations or which forms part of a train series of which at least 90% is run in a composition with no more than 150 seats. • Train stop code C: train for passenger transport, not subject to any conditions with regard to the percentage of stations at which no stop is made. <p>The number of halts for setting the charge is determined on the basis of the 'departure' and 'short stop' activities in the ProRail traffic control systems, for each train for which a running characteristic is specified that indicates a passenger train; the Access Agreement sets out which train stop code applies per train number sequence. The renumbering of train numbers (including lead figures) has no impact on the original train stop code.</p>																																
4.2	Information relating to discount on the user charge	<p><i>Exemption scheme Enschede – Enschede Grens</i></p> <p>Use of the passenger platforms and transfer area with accompanying facilities service for trains on the Enschede-Enschede Grens (direction Gronau) route section will, due to the absence of recording traffic control systems, be settled on planning basis. To compensate for any kilometres not run, 98.5% of the scheduled stops are invoiced.</p>																														
5. User conditions																																
5.1	Legal requirements	<p>Users of the service are railway undertakings that have a valid Access Agreement.</p> <p>This service is subject to the terms of delivery contained in section 7.3.1 and 7.3.2.1 and Appendix 25 of the Network Statement, where reference is made to the description of this service.</p>																														
5.2	Technical requirements made of railway vehicles	See Chapter 3 of the Network Statement.																														
5.3	Independent use	The railway undertaking can make independent use of the service facility.																														
5.4	IT systems	N/A																														

Transfer facility at passenger stations		
5.5	User conditions	<p>The access and use of this service facility concerns the pedestrian routes between the public road and the platform and vice versa, by passengers boarding or disembarking from a train operated by the railway undertaking at the station, and the use of these pedestrian routes by service personnel of the railway undertaking in connection with trains departing from and arriving at or stopping at the station.</p> <p>As regards access by their passengers to stations and platforms, railway undertakings are referred to the text on access control facilities in section 7.3.2.1 of the Network Statement. Also applicable are the user conditions stated on the website of NS Stations and ProRail.</p>
6. Capacity request		
6.1	Access request	This service is agreed via the Access Agreement.
6.2	Handling time	A response will be given within five working days, including an explanation of the follow-up process.

7.3.2.2.2 Travel Information

The Travel Information service is provided by Nederlandse Spoorwegen (NS).

Travel Information		
1. General information		
1.1	Service	<p>The Travel Information service comprises the following aspects:</p> <p>A. Informing passengers at the stations on the performance of the timetable.</p> <p>B. The provision of source data for travel information to the National Data Public Transport (NDOV) counters.</p>
1.2	Service provider	Nederlandse Spoorwegen (NS)
2. Description of the facilities		
2.1	Description	<p>As regards the Travel Information service, the following types are available:</p> <p>A1. The provision of real-time information on destinations, train types, departure times and platforms via the presentation facilities (InfoPlusmiddelen) in station halls and on platforms.</p> <p>A2. The provision of real-time information by means of a public address system on departure times and platforms in case of deviations from the timetable.</p> <p>A3. The production of static information on destinations, train types, departure times and platforms that can be displayed in the departure frames in station halls and on the platforms.</p> <p>B1. The provision of the source data of travel information on stations to NDOV counters.</p> <p>B2. The provision of other source data (not falling under B1) of travel information to NDOV counters.</p> <p>Further information is available on the website of NS.</p>
2.2	Where is the service provided	<ul style="list-style-type: none"> Types A1 and A2: at all stations Type A3: available at all stations on request
3. Request		
3.1	Contact details service provider	<ul style="list-style-type: none"> Types A1, A2 and B1: NS, Travel Information Service Centre, request via the email address Reisinformatie.DCRI@ns.nl. Types A3 and B2: NSR, accessible via the email address Reisinformatie.DCRI@ns.nl.
3.2	Delivery time	On request.
3.3	Terms of delivery	<ul style="list-style-type: none"> Types A1, A2 and B1 are purchased together. Types A3 and B2 are purchased separately. The services provided to passenger transport operators within the context of concessions for public transport by train and other passenger transport operators.

7.3.2.2.3 Services regarding ticket sales at passenger stations

Services regarding the sale of tickets are provided by railway undertakings. For the use of a location for ticket sales, see section 7.3.2.1.

7.3.2.3 Facilities at stations

7.3.2.3.1 Use of NS Stations service facilities

NS Stations service facilities		
1. General information		
1.1	Service	NS Stations service facilities
1.2	Provider	NS Stations
2. Description of the facilities		
2.1	Description	Access to and use of the service facilities managed by NS Stations within the context of the Stations Portfolio or access to stations and station buildings.
2.2	Where is the service provided	The joint website of NS Stations and ProRail specifies for each of the stations stated in Appendix 25, which services and service facilities are available per station and which are offered by NS Stations.

7.3.2.4 Charges for station services and service facilities

For information on charges relating to the transfer service, see section 4.1 of the table in section 7.3.2.2.1. The charge for the services and service facilities that are not offered by ProRail can be found on the [website of NS Stations and ProRail](#).

7.3.2.5 Access conditions for stations

Railway undertakings have access to the transfer facilities of the station if the railway undertaking has a valid Access Agreement, complies with the provisions of Article 27 Railways Act and complies with legal market access provisions. These provisions are set out in more detail in Appendix 7.

7.3.2.6 Capacity allocation at stations

The process for the allocation of capacity is described in section 4.5 of this Network Statement.

7.3.3 Freight terminals

The railway infrastructure is connected to freight terminals for multimodal freight transshipment. Except for the freight terminals listed in section 7.3.5.2.3 7.3.5.2.3 and Appendix 20, which are available for the transfer of goods from a lorry to a train or vice versa, ProRail does not provide specialised transshipment facilities, such as (container) terminals, for freight transport. These are operated by specialised companies. An overview of the operators of rail-related services and service facilities known to ProRail can be found on the [ProRail website](#).

7.3.4 Railway yards

The railway yards and stabling yards service facilities (section 7.3.5) are used for the stabling and/or shunting of railway vehicles. In practice, stabling and shunting take place at the same railway yards. For this reason, the services and service facilities for stabling and/or shunting are included in one section (section 7.3.5).

7.3.5 Stabling yards

7.3.5.1 General information

The tracks intended for stabling may be equipped with walkways managed by ProRail, lighting and facilities for the upkeep of railway vehicle. Stabling yards can also be used for shunting, where appropriate, using flat track infrastructure (rails, points, point controls).

Shunting services are provided by specialised service providers. An overview of the operators of rail-related services and service facilities known to ProRail can be found on the [ProRail website](#).

Information on the presence of facilities is available in the form of maps. These maps are available on the [ProRail Logistics Portal](#).

ProRail screens off railway yards on the basis of a location-specific risk analysis. The capacity allocation on stabling and railway yards is described in section 7.3.5.3. Information on access for road vehicles is available on request at gebruikswaardeinfo@prorail.nl. The environmental operating instructions and risk-related restrictions to use can be found in the sections 2.4.2 and 2.4.3.

7.3.5.2 Services and facilities at stabling yards

7.3.5.2.1 Stabling and shunting

Stabling and shunting		
1. General information		
1.1	Service	Tracks, possibly equipped with walkways, lighting and facilities managed by ProRail.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>This service comprises:</p> <ul style="list-style-type: none"> The use of tracks for the parking of railway vehicles between an arriving train path and a departing train path, where both train paths have a different train number¹⁵⁸. The use of tracks for shunting railway vehicles. The use of infrastructure connecting service facilities. The use of the WLIS application, necessary for the registration of position and loading of freight wagons at railway yards. The use of the following facilities, if available, is included: hump facilities for the purpose of shunting (and possibly stabling) of wagons at the shunting and train formation station at Kijfhoek railway yard (for further details see section 7.3.5.2.2 Shunting hump Kijfhoek), Freight terminals, Depot power supply, Train preheating, Filler hydrants, Service points, Brake-testing cabinets, Guidance for (dis)embarking facilities, Service paths and roads.
3. Description of the facilities		
3.1	Locations	Information about the available stabling yards and facilities is available in the form of maps. These maps are available on the ProRail Logistics Portal .
3.1.1	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs. Changed opening hours apply to the tracks on the Kijfhoek railway yard that are equipped with shunting facilities. See section 7.3.5.2.2 item 3.1.1 for more information. At these times, no hump control is available to operate the relevant tracks.
3.1.2	Technical characteristics	The facility consists of one or more tracks equipped for the parking of railway vehicles. The stabling yard also includes facilities for train personnel to reach and leave trains. For the technical characteristics of the Kijfhoek railway yard, see also section 7.3.5.2.2.
3.1.3	Planned changes	The planned changes are included in Appendix 10 Infrastructure projects and studies.
4. User costs		

¹⁵⁸ This does not include turning trains that require a different train number due to system requirements.

Stabling and shunting

4.1	Information related to the user charge	<p>The charge for reserving capacity for stabling and shunting is:</p> <table border="1" data-bbox="466 409 1471 593"> <thead> <tr> <th>Type railway yard / tracks</th> <th>Rate per minute (per track)</th> </tr> </thead> <tbody> <tr> <td>All railway yards except the splitting tracks at Kijfhoek</td> <td>€ 0.03999 + € 0.0003876 x track length in metres</td> </tr> <tr> <td>Splitting tracks at Kijfhoek railway yard</td> <td>€ 0.04410 + € 0.0006138 x track length in metres</td> </tr> </tbody> </table> <p>Invoicing takes place per minute.</p> <p>In railway yards where the charge for stabling is levied on the basis of the actual duration of the stabling, no charge is levied for stabling periods shorter than 30 minutes. This exemption serves to compensate for periods that are set up for so-called non-commercial stops. This concerns stops that are not requested by railway undertakings as part of their commercial or logistics process, but stops that are inserted by ProRail as part of its traffic handling activities. The 30-minute exemption is used to compensate for this.</p> <p>The capacity of the entire effective length of the track in metres is charged. Exceptions are combined tracks, which consist of two tracks which follow from one other and are interrupted by an infrastructure element (e.g. a switch or a signal) or a facility (e.g. a refuelling or washing facility) and as a result contain a phasing in the numbering (e.g. A and B versions). In the case of a combined track, requested for the same period of time and by a single titleholder, the payable charge is calculated on the basis of the full effective length of the combined track. If only one track of the combined track is applied for and allocated, then only this one track will be charged.</p> <p>If the capacity is allocated to multiple titleholders (e.g., timesharing), the charge is divided equally over the relevant titleholders. Titleholders can jointly request ProRail to charge the costs (together 100%) according to a different ratio, e.g., by dividing the length. This only applies to timetable requests and Late Path Requests that concern all days of the timetable year.</p> <p>No settlement will take place if due to incidental works on or near the main railway network, or in case of emergencies, use shall be made of tracks for which no user rights were acquired, or use shall be of tracks for which user rights were acquired, but which could not be used.</p> <p>If replacement capacity is agreed in case of competing requests for stabling capacity and the maintenance roster during the coordination of the timetable, the user right charge will be based on the original request.</p> <p>The charge for the use of facilities at railway yards, see sections 7.3.5.2.2 to, is included in the charge for the use of tracks for stabling and shunting. For the use of the Kijfhoek railway yard, the above-mentioned higher charge applies, even if no use is made of the Kijfhoek shunting hump (see 7.3.5.2.2).</p> <p>In case of a Time Space Slot (TSS), a bundle of tracks is requested and used. See also section 6.2.10. In the case of a TSS, the charge is levied for two tracks which form part thereof, for the entire duration (in minutes) of the TSS, irrespective of the total number of tracks which make up the TSS. ProRail has designated two tracks per TSS for this purpose. If a TSS consists of one track, the charge will be levied for only this one specific track. An overview of the tracks designated by ProRail can be found on the ProRail Logistics Portal.</p>	Type railway yard / tracks	Rate per minute (per track)	All railway yards except the splitting tracks at Kijfhoek	€ 0.03999 + € 0.0003876 x track length in metres	Splitting tracks at Kijfhoek railway yard	€ 0.04410 + € 0.0006138 x track length in metres
Type railway yard / tracks	Rate per minute (per track)							
All railway yards except the splitting tracks at Kijfhoek	€ 0.03999 + € 0.0003876 x track length in metres							
Splitting tracks at Kijfhoek railway yard	€ 0.04410 + € 0.0006138 x track length in metres							
4.2	Information relating to discount on the user charge	<p>Zero rate exemption scheme relating to management (see section 5.3):</p> <p>A user charge of nil applies for the use of capacity for the performance of instructions by ProRail with regard to the management of the railways. A party requesting capacity on stabling tracks that wishes application of the zero-rate scheme for the category 2 stabling and shunting service is required to state such in its capacity request.</p>						

5. User conditions

Stabling and shunting		
5.1	Legal requirements	<p>Clients of the service are railway undertakings that have a valid Access Agreement. The use of stabling tracks with certain categories of railway vehicles and/or loads may be subject to restrictions under environmental laws and regulations.</p> <p>The environmental permit provides the legal framework against which the capacity applications for the stabling and shunting service are tested. All current environmental permits (and environmental notifications) are available for consultation on the ProRail Logistics Portal. These permits contain all the provisions with which titleholders must comply.</p> <p>Railway sidings in a centrally controlled area, fitted with GRS and JADE track circuit detection, are subject to rust clearance regulations. For more information, see section 6.2.7 of the Network Statement.</p> <p>Walkways may only be used by foot to gain access to, inspect, board and disembark from railway vehicles. The railway undertakings are responsible for the safe use of walkways.</p> <p>The use of platform tracks for stabling is only permitted at times that there is no need for the (dis)embarking of passengers, and through traffic is not affected.</p>
5.2	Technical requirements made of railway vehicles	The service is limited to use by normal traffic, not being Exceptional Transport (see section 4.7 Exceptional Transport).
5.3	Independent use	The transport operator can independently use the assigned stabling tracks.
5.4	IT systems	N/A
5.5	Use of brake shoes and stop blocks	It is not permitted to use steel brake shoes to prevent a stabled railway vehicle from rolling away. An exception to this is the use of a steel brake shoe that is attached to the railway vehicle. In order to prevent a stabled railway vehicle from rolling away, use is made of the parking brake or handbrake present on the vehicle; alternatively, wooden or plastic stopping blocks may be used that do not pose a risk of derailment if they are run over. On the Kijfhoek railway yard, the use of the brake shoe of the Kijfhoek splitting tracks is permitted for slowing down and stopping railway vehicles as part of the hump process (see section 7.3.5.2.2 Kijfhoek shunting hump).
6. Capacity request		
6.1	Request for access to the stabling yard	<p>The process for requesting access to and allocation of stabling tracks and accompanying facilities is described in section 7.3.5.3 of the Network Statement.</p> <p>Allocated capacity can be returned, subject to a notice period of one month. Capacity can be cancelled by sending a message to capaciteitsverdeling@prorail.nl or by deleting a volume infrastructure entry (VII) in Donna.</p>
6.2	Handling time	See section 7.3.5.3 of the Network Statement.

7.3.5.2.2 Kijfhoek shunting hump

Kijfhoek shunting hump		
1. General information		
1.1	Service	The use of the shunting hump at Kijfhoek railway yard for hump shunting, shunting or stabling.
1.2	Service provider	ProRail
1.3	Term of validity	The facility is offered during the term of the Network Statement.
2. Function		

Kijfhoek shunting hump		
2.1	Description	The shunting hump at Kijfhoek railway yard comprises the tracks and installed shunting hump from tracks 231 and 232 (north side) to tracks 105-148 (south side), including the installed shunting facilities such as the rail brakes, automatic gradient and brake mule system, the MSR hump process control system and the KijfDis process administration system. ¹⁵⁹ The shunting hump can be used for hump shunting, shunting and stabling.
3. Description of the facility		
3.1	Locations	The shunting hump is located on the Kijfhoek railway yard. Information about the available stabling yards and facilities is available in the form of maps. These maps are available on the Logistics Portal of ProRail.
3.1.1	Opening times	Regular opening hours: from Sunday 14.30 hrs to Saturday 14.30 hrs (six days a week). Public holidays are considered as Sundays. In order to use the hump at the times when the hump is closed, a written request must be submitted at the latest six weeks in advance (via oss@prorail.nl).
3.1.2	Technical characteristics	<p>The hump shunting process is carried out by guiding hill trains from the arrival tracks to the shunting hump, which are shunted onto the existing distribution tracks (105-148), with the aid of the system present.</p> <p>The regular stabling and shunting process with a regular (shunting) locomotive is carried out via the south side of tracks 105-148.</p> <p>The area where the rail brakes is located (between the top of the hump and the northern side of the splitting tracks) is only accessible to specifically authorised locomotives, in connection with the risk of damage when travelling through the rail brakes.</p> <p>On the north side, the splitting tracks are only accessible via the hump area (and therefore only for specific locomotives). On the south side, the splitting tracks are accessible without specific restrictions. The splitting tracks are used for the hump shunting process. In addition, these tracks can also be used for the stabling of wagons that are not involved in the hump shunting process. In that case, shunting is only possible from the south side.</p> <p>There are gradient/brake mule systems on the splitting tracks, which means that specific procedures apply for access to the tracks, and that there are specific working conditions risks, even when the systems are not actively being used. Personnel working on the splitting tracks must be aware of the hazards posed by these systems.</p>
3.1.3	Planned changes	The infrastructure of the service facility is being renewed / replaced. Replacement will start in the third quarter of 2023. More information on the planned changes can be found in Appendix 10 Infrastructure projects and studies
4. User costs		
4.1	Information related to the user charge	The charge for the use of the Kijfhoek shunting hump is included in the charge for the stabling and shunting service (see section 7.3.5.2.1 of the Network Statement).
4.2	Information relating to discount on the user charge	N/A
5. User conditions		

¹⁵⁹ The new KijfDis system will provide the necessary link with the hump process control system (MSR), offers support in the management of connections schedules, administers wagons on the tracks and provides the interface to WLIS.

5.1	Legal requirements??	<p>ProRail imposes conditions on the use of the shunting hump based on the Implementing Regulation (EU) 2017/2177 of 22 November 2017 on access to service facilities and rail-related services. The most important conditions are explained below.</p> <p>Clients of the service are railway undertakings that have a valid Access Agreement.</p> <p><i>Regulation to be agreed upon</i></p> <ul style="list-style-type: none"> ▶ All railway undertakings that use the shunting hump shall ensure that all activities on the shunting hump comply with ProRail's prescribed guidelines for legal, technical and safe feasibility. The conditions and the guidelines (set by ProRail) are laid down in the Access Agreement. ◀ <p>ProRail recognises four types of users:</p> <ol style="list-style-type: none"> 1. Railway undertakings that hump shunt wagons under our management 2. Railway undertakings that do not use hump shunting under own management, but make use of regulated third-party rail-related services (Category 2) 3. Railway undertakings/operators which offer regulated rail-related (Category 2) services for the hump shunting of wagons. 4. Railway undertakings which use the railway infrastructure of the hump, without using the hump facilities. <p>Re 1. Railway undertakings that hump shunt wagons under own management provide all means and processes necessary for hump shunting themselves.</p> <p>Re 2. Railway undertakings that cannot hump shunt wagons under own management cannot provide all means and processes necessary for hump shunting themselves and instead use the regulated services of service providers. These railway undertakings are fully responsible to ProRail for all processes on the service facility that they perform and/or purchase, and there is no reservation in this respect for the regulated rail-related services provided by third parties. Responsibility for all processes must be demonstrably guaranteed in the supply contracts with providers of regulated rail-related services.</p> <p>Re 3. Railway undertakings/operators offering regulated rail-related services at the shunting hump must obtain prior the written permission of ProRail. ProRail may attach conditions to this permission with a view to the legal, technical and safe performance of this rail-related service. Only services approved by ProRail may be offered. Part of the approval process is that the service provider must demonstrate that users of these services can comply with the guidelines and conditions set by ProRail for use of the service facility.</p> <p>For service providers who, as part of their service, gain access to confidential data of the railway undertaking that uses it (such as when processing order data or when processing data in KijfDis), the service provider must ensure that this data is kept effectively confidential from the customer, for example by means of a Non-Disclosure Agreement.</p> <p>The regulated services to be provided and the conditions that apply thereto are laid down in an Access Agreement for the service facility or in an appendix to the Access Agreements. In line with Implementing Regulation (EU) 2017/2177, it is the responsibility of the operator of a service facility, in this case ProRail, and the operator of a rail-related (Category 2) service to coordinate the allocation of infrastructure capacity and service capacity in the service facilities. The applicable procedure is published as soon as the service is offered.</p> <p>Re 4. Railway undertakings that use the railway infrastructure of the shunting hump, without using the hump facilities, do not require specifically authorised locomotives. With this type of use, the splitting tracks are only accessible via the south side of the track bundles.</p> <p>For all types of users, ProRail can/may only grant access on the basis of a positive safety assessment of the integral process at the shunting hump. Users have a duty</p>
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Kijfhoek shunting hump		
		<p>to provide the necessary input for a safety case and to participate in the joint safety assessment.</p> <p>In the event that the shunting hump is not used under own management, the following applies with regard to the safety assessment:</p> <ul style="list-style-type: none"> • The provider of the regulated service must demonstrate in advance that the service offered (in all likelihood) facilitates process safety. • The recipient of the service must demonstrate that its integral process on the service facility, including the delivered regulated service, is sufficiently safe. <p>In addition to the safety assessment in advance, the parties have a duty to monitor the integral safety of the service facility together with ProRail. To this end, ProRail will set up a consultative platform in which users of the service facility are obliged to participate. Participants must be aware of the progress of the operational process and be authorised to adjust their own process if necessary.</p> <p>The Kijfhoek shunting hump is part of the stabling and shunting service (see section 7.3.5 and section 7.3.5.2.1 of the Network Statement). The conditions that apply to the stabling and shunting service therefore also apply to the use of the Kijfhoek shunting hump. See also part 2.1.8 of Appendix 8.</p>
5.2	Technical requirements made of railway vehicles??	<p>The service is limited to use by normal traffic, not being Exceptional Transport (see section 4.7 Exceptional transport).</p> <p>Hunt shunting is not permitted for all vehicles. The hump restrictions as included in the AVV (Allgemeine Vertrag für die Verwendung von Güterwagen, also called General Contract of Use for Wagons (GCU)) and the Carriage of Dangerous Goods Act apply to Kijfhoek, based on a vertical curve radius of 300 metres and a horizontal curve radius of 90 metres.</p> <p>For locomotives, in addition to this, a specific permission is needed for running in the hump area because of the risk of damage (to locomotive and infrastructure) when running through the rail brakes.</p> <p>For vehicles used for railway infrastructure maintenance, specific permission is required for the entire shunting hump area, due to the risk of damage (to vehicles and infrastructure) when passing through systems in the splitting tracks and in the hump area.</p>

Kijfhoek shunting hump		
5.3	Independent use??	<p>Hump shunting is possible on the shunting hump using the automated hump system, either under own management or with the support of a provider of regulated rail-related services.</p> <p>Using the Kijfhoek shunting hump is only possible with locomotives that are fitted with equipment for communication with and control by the MSR system. Locomotives must be made suitable for this purpose and specifically authorised. The following locomotives are suitable and permitted for use: the DE6400 locomotives with numbers 6476, 6477, 6478 and 6479. These locomotives are not part of the service facility provided by ProRail but are owned by DB Cargo.¹⁶⁰ Parties wishing to use other/own locomotives for hump shunting must contact ProRail for further information (via accountmanagement@prorail.nl). A change of vehicle licence may also be required for the use of these locomotives. Restrictions apply to vehicles accessing from the hump side. Only vehicles with a vehicle licence for the hump area are allowed to run there. Vehicles undergoing hump shunting are subject to the restrictions of the AVV (Allgemeine Vertrag für die Verwendung von Güterwagen) and the Regulation for the carriage of dangerous goods by rail (VSG).</p> <p>For the stabling and shunting of wagons on the splitting tracks via the south side, no specific restrictions apply with regard to vehicles. However, restrictions do apply to access to these tracks from the hump side:</p> <ol style="list-style-type: none"> 1. Parties not using the hump process do not have access to the hump area. 2. Vehicles travelling through the hump area must have been assessed for suitability to run through the hump area. 3. Movements must be performed with locomotives that are authorised to run there. <p>The hump process differs from regular shunting operations, both in the content of the process and in the presence of special systems in the infrastructure. It is necessary to have specific local regulations for the implementation of the hump process, both for the implementation of the process and for occupational health and safety reasons. Specific training must also be provided.</p> <p>Also for the stabling process on the splitting tracks, the (occupational) safety is influenced by the presence of special systems in the track. Safety must be ensured by appropriate local regulations and training.</p> <p>Local processes, rules and regulations of all parties using the shunting hump must be coordinated for a safe integral process. This coordination must be realised via the safety coordination platform mentioned in 5.1.</p>
5.4	IT systems	<p>To ensure safe and efficient use of the shunting hump, information on train composition, sequence dependency and individual wagons shall be provided in a timely and correct manner during execution. Titleholders shall use the KijfDis system for this purpose.¹⁶¹</p>

¹⁶⁰ DB Cargo intends to offer the use of these locomotives as part of a (regulated) service. For more information, see section 7.3.5.2.2.1.

¹⁶¹ ProRail is currently developing a new version of the KijfDis system. This new version is expected to be available in 2022; railway undertakings will be informed about this.

Kijfhoek shunting hump		
5.5	Use of brake shoes and stop blocks	<p>It is not permitted to use steel brake shoes to prevent a stabled railway vehicle from rolling away. An exception to this is the use of a steel brake shoe that is attached to the railway vehicle. To prevent the drifting of stabled railway vehicles, use is made of the parking or hand brake of the railway vehicle. Alternatively, use can be made of wooden or plastic stop blocks, which do not constitute a derailment hazard if run over.</p> <p>For the execution of the automated hump process, in exception to the general rule, the use of a "Brake shoe splitting tracks Kijfhoek", specifically existing for the hump process, is mandatory, in accordance with user instruction GVS00109 (see the logistics Portal). N.B. The use of this brake shoe is not permitted for wagons on splitting tracks that are not in use as marshalling track for the hump process, but only as a stabling track.</p>
6. Capacity request		
6.1	Access request??	<p>The process for requesting access to and allocation of shunting and stabling tracks is described in section 7.3.5.3 of the Network Statement. Capacity requests for Kijfhoek railway yard and Kijfhoek shunting hump shall contain specific data. For this, see section 3.4.6 and Appendix 8, part 3.</p> <p>Allocated capacity can be returned, subject to a notice period of one month. Capacity can be cancelled by sending a message to capaciteitsverdeling@prorail.nl or by deleting a volume infrastructure (VII) entry in Donna.</p> <p>Section 7.3.5.2.2 part 5 <i>User conditions</i> distinguishes four types of users. If a party offers a regulated service for hump shunting of wagons after the start of the 2023 timetabling process, third parties cannot take this into account in their timetable request for the 2023 timetable. If capacity is needed for the use of this type of service or services during the timetable, the capacity can be obtained in two ways:</p> <ol style="list-style-type: none"> a request in the ad hoc process using the capacity allocated to the offering party <p>Capacity allocated in the timetable can also be utilised to make use of the service.</p>
6.2	Handling time	See section 7.3.5.3 of the Network Statement.

7.3.5.2.2.1 Regulated services at Kijfhoek shunting hump

DB Cargo intends to offer a regulated service at Kijfhoek shunting hump. Part of this service is the use of the locomotives necessary for the shunting process. For more information about this service and how third party railway undertakings can apply for access to the service, see the [website of DB Cargo](#) or the overview of operators of rail-related services and service facilities known to ProRail on the [website of ProRail](#).

7.3.5.2.3 Freight terminals

Freight terminals		
1. General information		
1.1	Description	A public facility for the transshipment of goods from lorry to train, and vice versa.
1.2	Locations	The freight terminals are listed in Appendix 20 of the Network Statement.

Freight terminals		
1.3	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs. A number of locations have limited opening hours due to regulations under the environmental permit. These can be found in the environmental permit of the relevant location (see the ProRail Logistics Portal).
1.4	Technical characteristics	The facility comprises at least a paved site located directly alongside the railway line, with a connection to the public road suitable for standard road vehicles. The available effective length of the freight terminals differs per location. Further technical information on a specific location can be requested from ProRail.
1.5	Information related to the user charge	The charge for the use of the public freight terminals is included in the charge for the stabling and shunting service (see section 7.3.5.2.1 of the Network Statement).

7.3.5.2.4 Depot power supply

Depot power supply		
1. General information		
1.1	Description	Electricity connection for the power supply to non-traction electric train systems.
1.2	Locations	Information on the presence of depot power supply at specific stabling yards is available in the form of maps. These maps are available on the ProRail Logistics Portal .
1.3	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs.
1.4	Technical characteristics	A distinction is made between: <ul style="list-style-type: none"> - Depot power supply 230 V - Depot power supply 400 V
1.5	Information related to the user charge	The charge for the use of this service is included in the charge for the stabling and shunting service, see section 7.3.5.2.1.
1.6	User conditions	The depot power supply is only suitable for powering non-traction electric train systems. A non-traction electric train system must be able to withstand a shutdown and (automatic) restart of the depot power supply. A maximum of one user/train may be connected to a connector (wall socket).

7.3.5.2.5 Train preheating

Train preheating		
1. General information		
1.1	Description	Electricity connection for the climate control of railway vehicles and non-traction electric train systems.
1.2	Locations	Information on the presence of train preheating at specific stabling yards is available in the form of maps. These maps are available on the ProRail Logistics Portal .
1.3	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs.
1.4	Technical characteristics	Socket with 1500V DC from the overhead contact line: <ul style="list-style-type: none"> - fixed wall socket, 1500V DC - flexible socket, 1500V DC
1.5	Information related to the user charge	The charge for the use of this service is included in the charge for the stabling and shunting service, see section 7.3.5.2.1.

7.3.5.2.6 Filler hydrants

Filler hydrants		
1. General information		
1.1	Description	Water connections for the filling of the reservoirs of railway vehicles with process water.

Filler hydrants		
1.2	Locations	Information on the presence of filler hydrants at specific stabling yards is available in the form of maps. These maps are available on the ProRail Logistics Portal .
1.3	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs.
1.4	Technical characteristics	Water connections along stabling tracks (not drinking water).
1.5	Information related to the user charge	The charge for the use of this service is included in the charge for the stabling and shunting service, see section 7.3.5.2.1.

7.3.5.2.7 Service points

Service points		
1. General information		
1.1	Description	Utilities to support the internal cleaning of railway vehicles.
1.2	Locations	Information on the presence of service points at specific stabling yards is available in the form of maps. These maps are available on the ProRail Logistics Portal .
1.3	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs.
1.4	Technical characteristics	Service points are cabinets to which one or more utilities are connected: <ul style="list-style-type: none"> • hot process water (not drinking water) • cold process water (not drinking water) • integrated filler hydrant • sink with sewerage connection • fixed wall socket, 230V AC • fixed wall socket, 400V AC
1.5	Information related to the user charge	The charge for the use of this service is included in the charge for the stabling and shunting service, see section 7.3.5.2.1.

7.3.5.2.8 Brake-testing cabinets

Brake-testing cabinets		
1. General information		
1.1	Description	Compressed air connections for the testing of vehicle brake systems.
1.2	Locations	Information on the presence of brake-testing cabinets at specific stabling yards is available in the form of maps. These maps are available on the ProRail Logistics Portal .
1.3	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs.
1.4	Technical characteristics	Delivery point for compressed air and air hoses, available in two types: <ul style="list-style-type: none"> - with remote control - without remote control
1.5	Information related to the user charge	The charge for the use of this service is included in the charge for the stabling and shunting service, see section 7.3.5.2.1.

7.3.5.2.9 Use of guidance for (dis)embarking facility

Use of guidance for (dis)embarking facility		
1. General information		
1.1	Description	Guidance for mobile boarding platforms for the (dis)embarking of train personnel.
1.2	Locations	Information on the presence of facilities is available in the form of maps. These maps are available on the ProRail Logistics Portal .
1.3	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs.
1.4	Technical characteristics	<ul style="list-style-type: none"> - Guidance via concealed gutter - Guidance via tube
1.5	Information related to the user charge	The charge for the use of this service is included in the charge for the stabling and shunting service, see section 7.3.5.2.1.

7.3.5.2.10 Service paths and roads

Service paths and roads		
1. General information		
1.1	Description	Paved paths and roads along service tracks for internal cleaning, filling/emptying of reservoirs, inspection and minor maintenance of railway vehicles.
1.2	Locations	Information on the presence of facilities is available in the form of maps. These maps are available on the ProRail Logistics Portal
1.3	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs.
1.4	Technical characteristics	Types of paving: <ul style="list-style-type: none"> • industrial concrete plates • asphalt • clinkers or street tiles • porphyry Service pathways are positioned predominantly at the top of the sleeper and the top of the rail.
1.5	Information related to the user charge	The charge for the use of this service is included in the charge for the stabling and shunting service, see section 7.3.5.2.1.

7.3.5.2.11 Faeces discharge

ProRail does not offer any specific facilities for faeces discharge trolleys. The use of ProRail's sewerage connections and electric charging points for faeces discharge trolleys is only permitted following specific agreement with ProRail. ProRail reserves the right to offer other locations, subject to deviating conditions, for mobile faeces discharge than those agreed upon when the Network Statement was published. ProRail is the owner of two fixed faeces discharge systems for the emptying of closed toilet systems and the filling with rinsing water. These systems are located in Groningen and Leeuwarden. ProRail will not realise any additional fixed faeces discharge systems.

7.3.5.3 Capacity allocation on railway yards and stabling yards

The starting points and procedure description for obtaining access to, and the use of, railway yards (see section 7.3.4) and stabling yards for the 2023 timetable are further explained below.

7.3.5.3.1 Starting points

- a. ProRail publishes the capacity available for stabling and/or shunting no later than 1 March 2022 in the Tracks Database, a catalogue containing information about the characteristics and functionality of the tracks that are part of the stabling and shunting service (facility). The information comes from the Infra-Atlas application. All tracks that are part of the stabling and shunting service (facility) have an operational parameter. The operational parameters indicate the purpose for which the track was built and for which the track can best be used given the functionality of the track concerned and the assets in and along the track. Tracks can have two operational parameters where operation parameter 1 indicates the primary function and operational parameter 2 indicates for which use the track is also suitable. The preferred use is initially indicated by the first operational parameter of a track, followed by the second operational parameter if applicable. It is possible that the preferred use is further specified in the column 'operational preference'. ProRail takes the operational parameter and any operational preference of the track into account when handling access requests. ProRail reserves the right to deviate from both the operational parameter and the operational preference in the interests of optimal utilisation of the facility.
- b. On specific railway yards, restrictions may apply to planned stabling and scheduled handling time for freight trains. These will be announced at the same time as the Tracks Database.
- c. Tracks are reserved in the Tracks Database for the stabling of railway vehicles for management works (section 4.3). These tracks are referred to as 'ProRail Management'.

- d. If the physical capacity on a railway yard is greater than the environmental capacity, the environmental capacity takes precedence and coordination takes place on this basis.
- e. The withdrawal times for the management works included in section 4.3 may exclude access, whereby the procedures described in section 4.3 are used.
- f. To prevent unused capacity at railway yards, capacity on one or more specific tracks can, in agreement between ProRail and the related titleholders, be allocated to multiple titleholders for combined use. In doing so, titleholders can cooperate whereby one of them is designated as being responsible for the daily logistical coordination.
- g. Access to and use of Kijfhoek railway yard and Kijfhoek shunting hump in combination with the splitting tracks and other present facilities is subject to specific conditions that are described in Appendix 8, item 3.

7.3.5.3.2 *Submitting of requests and ad-hoc phase schedule*

Requests for access to shunting and stabling facilities for the timetable phase are made via volume infrastructure entries (VII) in Donna or via a request form made available by ProRail on the [ProRail Logistics Portal](#) (Request form for services and service facilities at railway yards). This form can be sent to capaciteitsverdeling@prorail.nl. The request must at least include access to a specific track for a specified period of time. The maximum duration is one timetable period. In this case from 11 December 2022 to 9 December 2023.

Requests for access to Kijfhoek railway yard and the Kijfhoek shunting hump can be submitted using a separate request form. This form can also be found on the [ProRail Logistics Portal](#) and can be sent to the above-mentioned email address capaciteitsverdeling@prorail.nl. N.B. Capacity requests for Kijfhoek railway yard and Kijfhoek shunting hump shall contain a number of specific details. See section 3.4.6 and Appendix 8, item 3.

For capacity allocation in railway yards, the schedule of the timetabling process for train paths is used. Applicants shall submit their request for shunting and stabling capacity by 13 April 2022 at the latest (see section 4.5.1).

7.3.5.3.3 *Submitting of requests and ad-hoc phase schedule*

Requests for access to a track for a specified period of time can be made up to five days before performance via:

- a volume infrastructure entry (VII) in Donna;
- an email message to capaciteitsverdeling@prorail.nl

An ad hoc request will be processed within a maximum of five working days.

In the period of five days before performance until the moment of performance via:

- the LOA-Online system¹⁶²
- (telephone) contact between the titleholder and traffic control

The request must be submitted at least 15 minutes before performance and will be answered by ProRail within 15 minutes. If requests are submitted shortly before performance, ProRail will make every effort to process the request on time, without being able to guarantee such.

7.3.5.3.4 *Procedure for access requests for the timetable*

The procedure for access requests for the timetable contains the following process steps:

Step 1: Assessment of access requests for stabling and shunting facilities

ProRail will assess whether the request is complete within five working days of receipt of the access request. If the request is incomplete, the applicant will be given the opportunity to complete the request. This is possible up to a maximum of five working days after the notification of incompleteness.

¹⁶² LOA-Online cannot be used for requesting ad hoc shunting and/or stabling capacity at Kijfhoek. Capacity requests for the Kijfhoek shunting hump can be made in Donna, the Order Portal or via telephone contact between the titleholder and traffic control.

Step 2: Integration of all access requests

All access requests are assessed by ProRail in their entirety and compared with the available capacity. If there are no competing requests, the requests are allocated. In the case of competing requests, an access conflict exists and the coordination procedure (step 3) is started.

Step 3: Coordination procedure

A coordination file is drawn up, containing:

- A description of the access conflict (competition).
- All applicants (to ensure full and non-discriminatory treatment, whereby the comparability of the application and the service facility will be taken into account).
- Information on the railway yard and service facilities.

In consultation with all applicants, ProRail will try to reconcile all requests as far as possible. In doing so, ProRail examines whether pragmatic solutions that make maximum use of the available capacity can be found. Relevant information about shifts of cargoes between carriers, demonstrably opportune new cargoes and significant changes in volumes of cargoes can be part of the coordination process.

- If all parties involved agree, the solution is recorded, the requests are allocated in accordance with the solution and the file is closed.
- If the parties involved do not agree, step 4 follows.

Step 4: Search for viable alternatives

If the coordination procedure (step 3) has not led to a resolution of the conflict, ProRail and the applicants concerned will jointly seek an alternative service facility that can meet the needs of the applicants (hereinafter: viable alternative). The initiative for the search for viable alternatives lies with ProRail. The parties involved are, however, explicitly invited to submit alternatives.

When proposing possible alternatives, ProRail will, as far as possible, take into account at least the operational characteristics of the alternative service facility; the substitutability of the physical and technical characteristics of the alternative service facility; the clear consequences for the attractiveness and competitive position of the rail transport service scheduled by the applicant and the estimated extra costs for the applicant.

It is up to the applicant to decide whether one of the viable alternatives proposed by ProRail is acceptable. If an applicant rejects an alternative, this rejection must be substantiated.

- If all the applicants involved agree with a proposed alternative, this decision is recorded, the requests are allocated in accordance with the viable alternative and the file is closed.
- If the applicants involved do not agree, step 5 follows.

Step 5: Conflict resolution and priority criteria for allocation

ProRail resolves a conflict if:

- The search for viable alternatives has not yielded any results.
- The applicants do not agree on the viability of the presented alternatives. ProRail indicates which alternatives it considers to be viable because, in ProRail's opinion, the substantiation provided in step 4 was not provided or was provided insufficiently.

General priority criteria

If there are no viable alternatives for the applicants, ProRail will allocate requests according to the following priority criteria. Prioritisation takes place in numerical order:

1. Stabling of railway vehicles that are operationally used in a scheduled transport service takes precedence over railway vehicles that are used for nonoperational purposes (e.g. strategic reserves, new or defective railway vehicles, railway vehicles scheduled for demolition, railway vehicles for training purposes, etc.).
2. Train-related stabling and handling/shunting takes precedence over non-train related stabling and handling/shunting. In order to determine this, account is taken of:
 - Trains requested for the timetabling process and;
 - Trains realised in the current timetable.

3. The use of the requested tracks in accordance with the operational parameters as included in the Tracks Database takes priority over uses which deviate from the operational parameters included in the Tracks Database. Applications for use in accordance with operational parameter 1 have priority over applications for use in accordance with operational parameter 2.¹⁶³
4. For passenger trains, the number of loaded starting (first) passenger trains will be allocated in relation to the number of wagons (taking into account the length of the wagons).
5. For passenger trains, requests for short-term stabling (shorter than 1 hour) take precedence over requests for longer stabling (longer than 1 hour).
6. In case of freight transport operators:
 - The relationship between train length and track length is taken into account in the allocation. The longest tracks are allocated to the transport operator using the longest trains in a scheduled transport service.
 - That stabling tracks for locomotives are allocated in proportion to the expected use of these tracks.
7. For freight transport operators, a contract (demonstrably having cargoes and/or terminal slots within the timetable period) takes precedence over no contract.
8. The allocation takes into account the optimisation of track used during shunting and the minimisation of shunting movements.
9. In the context of optimal capacity utilisation, account is taken of any under-utilisation of (part of) the fully allocated capacity in the past (including the reasons for this).

The priority criteria for the splitting tracks at Kijfhoek shunting hump are not applied as long as the sorting service as referred to in section 7.3.5.2.2.1 (Sorting service Kijfhoek shunting hump) is not available.¹⁶⁴

Priority criteria for splitting tracks at Kijfhoek shunting hump

Specifically, the following priority criteria apply to access to the hump system and splitting tracks at Kijfhoek:

1. Use of splitting tracks in combination with the use of the shunting hump takes precedence over other types of use of these tracks. To this end ProRail determines the necessary number of tracks for marshalling with the use of the shunting hump. This number will be distributed among the requests made for the use of the marshalling function of the shunting hump. If the necessary number of tracks for marshalling exceeds the number of tracks available, the following applies:
 - capacity requests for trains with origin and/or destination Mainport Rotterdam-Rijnmond or the port-industrial complexes of Amsterdam-IJmond and Vlissingen-Sloe take precedence over capacity requests for trains with an origin and destination other than those mentioned above.
2. When using the splitting tracks for stabling and shunting without using the marshalling function of the service facility, train-related stabling and shunting takes precedence over non-train-related stabling and shunting. In order to determine this, account is taken of:
 - trains requested for the timetabling process and;
 - trains realised in the current timetable.

¹⁶³ An exception applies to tracks 105 to 148 at Kijfhoek, which are equipped with hump facilities. As long as there is no sorting service available for third parties at Kijfhoek, no priority will be given to applicants who want to use these tracks for gravity shunting as opposed to applicants who want to use these tracks for stabling (ACM letter dated 21 February 2022 ACM/UIT/572134 re priority criteria Kijfhoek).

¹⁶⁴ ACM letter dated 21 February 2022 ACM/UIT/572134 re priority criteria Kijfhoek.

Step 6: Allocation to titleholders

For railway yards, a draft allocation will take place on 4 July 2022. This is open for consultation until 5 August 2022. The final allocation will follow no later than 22 August 2022.

When allocating the available capacity for the Kijfhoek shunting hump, ProRail uses a minimum connections schedule requirement of four hours as the lower limit. The allocation of access to the Kijfhoek shunting hump is laid down in a basic plan. In the basic plan, ProRail specifies the scheduled use of the arrival tracks, the hump tracks, the splitting tracks and the departure tracks. The capacity of the splitting tracks is allocated to titleholders in accordance with the basic plan. Splitting tracks that turn out not to be needed for hump stabling during the timetabling process can, if there are requests, be allocated for stabling alone. The stabling and shunting service charge (7.3.5.2.1) for the allocated capacity of the splitting tracks is levied on the titleholder.

Splitting tracks are in principle assigned by number on the basis of necessary length of use. The actual planning by track number can be adjusted at daily plan level, which makes it possible to adjust track use at short notice as a result of defects and/or maintenance to points and through-traffic systems.

7.3.5.3.5 Procedure for ad hoc requests

The following applies to ad hoc requests for a period to be specified during the 2023 timetable period:

Ad hoc requests for non-conflicting access within the already allocated capacity are granted by ProRail. Requests that cannot be accommodated within the already allocated capacity without conflict can only be accepted if holders of already allocated capacity allow changes so that a new request can be accommodated without conflict. No reconciliation takes place in case of conflicting requests (principle of first-come, first served). ProRail will communicate within the periods specified in section 4.5 whether a new request can be accommodated.

7.3.5.3.6 Procedure Main Siding Line Theemsweg/Merseyweg (Botlek)

ProRail applies the 'Normtijden Botlek Theemsweg-Merseyweg' for access to the Terminal 60, Terminal 70 and Terminal 80 Time Space Slots (main siding line Theemsweg/Merseyweg). These can be found on the [Logistics Portal](#) of ProRail. As part of this procedure, the train's timetable is linked to the Time Space Slot. For requests for access to the Time Space Slots Terminal 60, Terminal 70 and Terminal 80 (main siding line Theemsweg/ Merseyweg), the following information must be supplied both during the timetabling process (timetable and ad hoc phase) and during the order acceptance process:

- the train number of the arriving and/or departing train
- the shuttle details
- the departure time to/from the terminal (or the slot time)
- the terminal to be operated

Requests for access to Terminal 60, Terminal 70 and/or Terminal 80 that deviate from the standard times must be substantiated and are assessed by ProRail.

Changing or cancelling a train

When requesting a train change, the railway undertaking must indicate whether this also results in a change to the coupled Time Space Slot. If a train is cancelled, ProRail will assume without notice that the coupled Time Space Slot is also cancelled. For both the capacity allocation process and the order acceptance process, the access request will not be processed if the above information is not provided.

7.3.5.3.7 Unused capacity and cancellation of allocated train paths

Allocated capacity on railway yards that, for at least one month, has been used for less than a quarter of the hours and a quarter of the total length of the allocated tracks on the railway yard may be subject to cancellation of the capacity rights. An exception to this is if only one track is allocated to a titleholder, then only a quarter of the hours apply.

Cancellation of stabling and/or shunting capacity directly related to a train path can be done in several ways:

- With a TSI path-cancellation message (see section 5.3.1 and Appendix 23, item 21).
- Via the LOA-Online system (see section 5.3.1 and Appendix 23, item 11)¹⁶⁵
- By deleting the train path and associated stabling and/or shunting capacity in Donna (section 5.3.1 and Appendix 23, item 6);
- By sending a message to capaciteitsverdeling@prorail.nl.

7.3.6 Maintenance services and facilities¹⁶⁶

A number of railway yards managed by ProRail are equipped with facilities for the maintenance and repair of railway vehicles. These facilities are managed by specialised overhaul and maintenance firms. Maintenance services are provided by specialised service providers. An overview of the operators of rail-related services and service facilities known to ProRail can be found on the [ProRail website](#).

The further provisions and procedure relating to the performance of emergency recovery and repairs are set out in section 6.2.8. The tracks on which emergency recovery and repairs to railway vehicles must be carried out can be found on the [ProRail Logistics Portal](#).

7.3.7 Other technical services and facilities

7.3.7.1 Monitoring systems

ProRail has with a view to realising unhindered use of the railway infrastructure installed monitoring systems at selected locations. Two types of monitoring systems are distinguished:

- Hotbox detection measures the temperature of wheels and axle boxes of passing railway vehicles. If a threshold is exceeded, the driver is warned. The following threshold values apply to HotBox detection:
 - of the axle box 90°C (warm signal) and 110°C (hot signal)
 - of the wheel 290°C (warm signal) and 375°C (hot signal)
- QuoVadis measuring systems measure the force that a wheel exerts on the rail. If a threshold is exceeded, the driver is warned. The following thresholds apply to QuoVadis:
 - 700 kN peak force (750 kN for the Zee-Zevenaar route section);
 - 30 tons axle load (32.5 tons for the Zee-Zevenaar route section);
 - 2.33 ratio skew load

If one of the above threshold values is exceeded, the driver shall follow the instructions of the movements inspector.

Hotbox detection and QuoVadis measurement systems are not safety systems, but risk-reducing systems to ensure safe rail traffic. This means that a route section is not immediately taken out of service for rail traffic if such a system no longer functions (the systems only have signalling functions in respect of certain values measured by these systems). Responsibility for the soundness and safety of wheels and axle boxes and for not exceeding permitted axle loads and loading wagons correctly remains with the railway undertakings. These risk-reducing systems do not affect the division of liability between the manager and the railway undertakings with regard to the soundness and correct use of railway vehicles by the railway undertakings.

It is possible to generate measurement data or customised reports from the above systems. ProRail offers this service to railway undertakings. This is described in Appendix 23 item 31. A summary of recorded high values is provided to all railway undertakings as standard.

¹⁶⁵ No use can be made of LOA-Online for requests of shunting/stabling capacity at Kijfhoek. This is done via telephone contact between the titleholder and the traffic control centre.

¹⁶⁶ Except for large-scale maintenance service facilities intended only for high-speed trains or other railway vehicle types requiring specific facilities.

7.3.7.2 Other technical services and facilities¹⁶⁷

Other technical facilities are provided by specialised service providers and facilities. An overview of the operators of rail-related services and service facilities known to ProRail can be found on the [ProRail website](#).

7.3.8 Seaport and inland port services and facilities

Sea and inland port facilities are available from specialised service providers. ProRail does not offer any related services and facilities. An overview of the operators of rail-related services and service facilities known to ProRail can be found on the [ProRail website](#).

7.3.9 Assistance and ancillary services and facilities

ProRail has a response organisation. Services and other information in the context of disaster handling are described in section 5.3.1 point n and section.

ProRail does not provide any separate assistance and support facilities. An overview of the operators of rail-related services and service facilities known to ProRail can be found on the [ProRail website](#).

7.3.10 Refuelling

7.3.10.1 General information

ProRail offers refuelling facilities at a number of locations for the delivery of diesel to locomotives and railcars. The locations of the refuelling facilities are shown in Appendix 21.

Regulation to be agreed upon

- ▶ The contractual conditions for use of the refuelling facilities are agreed upon in the Access Agreement for the 'Refuelling facilities' service. ◀

7.3.10.2 Refuelling

Refuelling		
1. General information		
1.1	Service	The service concerns the access to and use of refuelling facilities. Refuelling facilities are a facility under category 2 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	Facility for the supply of fuel (diesel) to locomotives and railcars. (For supply of fuel, see table 'Supply of fuel' under this table).
3. Description of the facilities		
3.1	Locations	See Appendix 21.
3.1.1	Opening times	Regular opening hours: Monday to Sunday from 00:00-24:00 hrs.

¹⁶⁷ Including cleaning and washing facilities.

Refuelling		
3.1.2	Technical characteristics	<p>Refuelling facilities are available in three configurations, see Appendix 21 of the Network Statement:</p> <ul style="list-style-type: none"> Equipped (exclusively) for refuelling by means of the delivery unit that forms part of the refuelling facility. Equipped for refuelling by means of the delivery unit that forms part of the refuelling facility, and for refuelling from a mobile tanker ('mobile refuelling'). Equipped (exclusively) for refuelling from a mobile tanker ('mobile refuelling'). <p>A refuelling facility with delivery unit offers a minimum of 2 delivery connections, one low flow rate connection with a nozzle and a high flow rate connection with a spill-free connector according to STANAG-3756 (1") with an electric overfill safety. The policy of ProRail is to discourage use of the nozzle connectors. Any decision to discontinue use of the nozzle connectors at one or more refuelling facilities will, following consultation with the railway undertakings, be announced at least 2 years in advance.</p>
3.1.3	Planned changes	The planned changes are included in Appendix 10 Infrastructure projects and studies.
4. User costs		
4.1	Information related to the user charge	<p>The charge for the use of the refuelling facilities with delivery system is charged by ProRail to the operator of the refuelling facilities.</p> <p>The charge for the use of the refuelling facilities without delivery system is included in the charge for the stabling and shunting service (see section 7.3.5.2.1 of the Network Statement).</p>
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	<p>Clients of the service are railway undertakings that have a valid Access Agreement. Use of the refuelling facilities take place in accordance with the regulations in the environmental permit, if applicable.</p> <ul style="list-style-type: none"> Use of the refuelling facilities in a manner other than for which it is designed according to Appendix 21 of the Network Statement (for refuelling by means of the delivery unit and/or from a mobile tanker) is not permitted. In case of refuelling facilities that are equipped with a delivery unit, refuelling by means of the delivery system is exclusively possible on the basis of an agreement between the railway undertaking and the operator of the refuelling facilities. Based on an agreement with ProRail, the operator is obliged to offer the delivery of fuels via these facilities to all railway undertakings in a non-discriminatory manner. VIVENS can provide information on the various operators. The operator of the refuelling facilities can impose supplementary conditions with regard to use of the refuelling facilities, for example, with regard to preliminary notification and the time periods within which delivery can be made. The conditions concerning soil protection are stated in section 2.4.2.4 of the Network Statement.
5.2	Technical requirements made of railway vehicles	The railway vehicles have the right fill openings for taking in fuel.
5.3	Independent use	The refuelling facilities can be used independently by the transport operators.
5.4	IT systems	N/A

Refuelling		
5.5	Code of conduct for mobile refuelling	<ol style="list-style-type: none"> 1. The railway undertaking is permitted to refuel at locations other than those stated in Article 12 of the General Terms & Conditions (see also Appendix 21 for the locations) in the cases below: <ol style="list-style-type: none"> a. Self-propelled work trains, present and operational for the performance of work on the railways, which due to the nature of the work are unable to reach one of the sites designated by the network manager, as referred to in Article 12 of the General Terms & Conditions (see also Appendix 21 for the locations). b. Non-self-propelled equipment, present and operational for the performance of work on the railways, which are used at a construction site. c. If the refuelling facilities where scheduled refuelling was to take place is defective or cannot be reached due to obstruction of the railway infrastructure. 2. Application of the exceptions is subject to the conditions below. <ol style="list-style-type: none"> a. The fuel tanks of the work trains and equipment shall be fully filled before commencement of work with the work trains and equipment. b. The refuelling of equipment can take place either directly or indirectly in order to power a generator that provides the equipment with electricity. c. Refuelling at locations other than those referred to in Article 12 of the General Terms & Conditions (see also Appendix 21 for the locations) requires the presence of a combination of facilities and measures as stated in section 3.3 of Annex 1 in Part 3 of the Netherlands Soil Protection Guideline (NRB)168 and/or the relevant provisions for temporary stationary systems and delivery systems as stated in the PGS 30169. d. Refuelling at a railway yard subject to an environmental permit must take place in accordance with the relevant provisions.
6. Capacity request		
6.1	Access request	Use of the refuelling facilities is linked to the capacity allocation of the track along which the facility is located. The process for requesting access to and allocation of this track is described in section 7.3.5.3 of the Network Statement.

7.3.10.3 Supply of fuel

The fuel supply service is provided by VIVENS.

Supply of fuel		
1. General information		
1.1	Service	Supply of fuel.
1.2	Provider	VIVENS, for contact particulars see the website of VIVENS . The contact particulars of the operators are also available on the website of VIVENS .
2. Description of the facilities		
2.1	Description	The purchase of fuel and the supply of this fuel via a refuelling facility with delivery unit, for use by locomotives.
2.2	Where is the service provided	All refuelling facilities stated in Appendix 21 of the Network Statement are provided with a delivery system.
3. Request		
3.1	Terms of delivery	The terms of delivery are available on the website of VIVENS .
3.2	User conditions	The user conditions are available on the website of VIVENS .

¹⁶⁸ The publication NRB 2012 (Netherlands Soil Protection Guideline) is available for consultation on the [website of Rijkswaterstaat](#).

¹⁶⁹ The publication PGS 30 for liquid fuels – aboveground refuelling facilities and delivery units is available for consultation on the [website of PGS projectbureau](#).

Appendix 1 General overview map with network configuration (section 2.2.1)



Supplementary to the railways stated on the overview map shown on the previous page, the railways below are designated as part of the main railway network.¹⁷⁰

- Velperbroek Aansluiting – Arnhem Goederenstation
- IJsselbrug Westzijde – Arnhem Goederenstation
- Nootdorp Aansluiting – Leidschendam Werkplaats
- Amersfoort – Leusden
- Amsterdam Singelgracht Aansluiting – Amsterdam Westhaven
- Amsterdam Sloterdijk – Amsterdam Westhaven
- Apeldoorn – Apeldoorn Zuid
- Lage Zwaluwe – Oosterhout
- Lage Zwaluwe – Moerdijk
- Sittard – Born

The main siding lines listed below form part of the main railway network.¹⁷¹

Location	Name main siding line
Haven van Rotterdam	Waalhaven
Haven van Rotterdam	Eemhaven
Haven van Rotterdam	Pernis
Haven van Rotterdam	Botlek
Haven van Rotterdam	Europoort
Haven van Rotterdam	Maasvlakte
Haven van Amsterdam	Westelijk Havengebied
Haven van Amsterdam	Hemhaven
Haven van Amsterdam	Houtrakpolder
Moerdijk	Industrieschap
Utrecht	Industrieterrein Lage Weide
Delfzijl	stamlijn Havenschap
Dordrecht	Zeehaven
Dordrecht	Industrieterrein De Staart
Maastricht	Beatrixhaven
Roodeschool	Eemshaven
Vlissingen	Sloehaven
Zwijndrecht	Groote Lindt
Oosterhout	Industrieterrein Weststad
Roosendaal	Industrieterrein
Alphen aan den Rijn	Industrieterrein Rijnhaven
Born	Franciscushaven
Axel	Axelse Vlakte
Venlo	Tradeport
Almelo	Dollegoor
Almelo	Bedrijvenpark Twente
Oss	Elzenburg

¹⁷⁰ Appendix 1 and Appendix 2 item a Railways Allocation Decree

¹⁷¹ Appendix 2 item b Railways Allocation Decree.

Appendix 2 Glossary

Term	Definition																																																																																		
Access Agreement	<p>An Access Agreement is an agreement concluded between ProRail and a titleholder on the use of capacity, which at least contains provisions on:</p> <ol style="list-style-type: none"> The quality of the main railway infrastructure to be provided by ProRail. The user charges. <p><i>Notes:</i> See Section 59 Railways Act. See also: Capacity Agreement.</p>																																																																																		
Ad-hoc request	<p>Request for capacity for infrastructure for transport and management, as well as for the handling of disruptions in the form of changes to the capacity allocation that are current within the ad hoc phase.</p> <p><i>Notes:</i> These are supplements to the capacity allocation as laid down in the timetable.</p>																																																																																		
Axle load	Axle load is the weight (in tons) per axle of a railway vehicle, incl. load.																																																																																		
Betuweroute	<p>The Betuweroute concerns:</p> <ul style="list-style-type: none"> The Maasvlakte – Kijfhoek – Zevenaar railway line including the connected railway yards. The Feijenoord and IJsselmonde railway yards and the tracks that connect those railway yards to the aforementioned railway line. The main private siding lines (secondary railways) connected to the aforementioned railway yards. <p>The boundaries of the tracks connected parts of the Betuweroute with the combined network are located at the points stated in the table below.</p> <table border="1"> <thead> <tr> <th>Location</th> <th>line-ID</th> <th colspan="2">in connection</th> <th>point</th> </tr> </thead> <tbody> <tr> <td rowspan="4">IJsselmonde</td> <td>EF</td> <td>Brdv</td> <td>Rtst</td> <td>km 42.000</td> </tr> <tr> <td>ps 135 - ps 911A</td> <td>Brdv</td> <td>Rtst</td> <td>between ps 135 and the intersection with the line between ps 903 and ps 907B</td> </tr> <tr> <td>267e</td> <td>Rtz</td> <td>IJsm</td> <td>signal 960</td> </tr> <tr> <td>266c</td> <td>Rtz</td> <td>IJsm</td> <td>signal 962</td> </tr> <tr> <td rowspan="4">Zwijndrecht</td> <td>57</td> <td>Zwd</td> <td>Kfh</td> <td>km 33.700</td> </tr> <tr> <td>67</td> <td>Kfhz</td> <td>Zwd</td> <td>signal 1380</td> </tr> <tr> <td>68</td> <td>Kfhz</td> <td>Zwd</td> <td>signal 1382</td> </tr> <tr> <td>69</td> <td>Kfhz</td> <td>Zwd</td> <td>signal 1384</td> </tr> <tr> <td rowspan="4">Meteren</td> <td>CC</td> <td>BRMet</td> <td>Gdm</td> <td>km 147.000</td> </tr> <tr> <td>DD</td> <td>Gdm</td> <td>BRMet</td> <td>km 247.000</td> </tr> <tr> <td>EE</td> <td>BRMet</td> <td>Zbm</td> <td>km 346.600</td> </tr> <tr> <td>FF</td> <td>Zbm</td> <td>BRMet</td> <td>km 346.600</td> </tr> <tr> <td rowspan="3">Elst</td> <td>KK</td> <td>CUP</td> <td>Nm</td> <td>km 290.000</td> </tr> <tr> <td>HH</td> <td>CUP</td> <td>Est</td> <td>km 190.000</td> </tr> <tr> <td>GG</td> <td>Est</td> <td>CUP</td> <td>km 190.000</td> </tr> <tr> <td rowspan="3">Zevenaar</td> <td>ZN</td> <td>BRValo</td> <td>Zv</td> <td>km 107.200</td> </tr> <tr> <td>ZM</td> <td>BRValo</td> <td>Zv</td> <td>km 107.200</td> </tr> <tr> <td>KL</td> <td>Zv</td> <td>BRValo</td> <td>km 107.200</td> </tr> </tbody> </table>	Location	line-ID	in connection		point	IJsselmonde	EF	Brdv	Rtst	km 42.000	ps 135 - ps 911A	Brdv	Rtst	between ps 135 and the intersection with the line between ps 903 and ps 907B	267e	Rtz	IJsm	signal 960	266c	Rtz	IJsm	signal 962	Zwijndrecht	57	Zwd	Kfh	km 33.700	67	Kfhz	Zwd	signal 1380	68	Kfhz	Zwd	signal 1382	69	Kfhz	Zwd	signal 1384	Meteren	CC	BRMet	Gdm	km 147.000	DD	Gdm	BRMet	km 247.000	EE	BRMet	Zbm	km 346.600	FF	Zbm	BRMet	km 346.600	Elst	KK	CUP	Nm	km 290.000	HH	CUP	Est	km 190.000	GG	Est	CUP	km 190.000	Zevenaar	ZN	BRValo	Zv	km 107.200	ZM	BRValo	Zv	km 107.200	KL	Zv	BRValo	km 107.200
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Term	Definition
Brake shoe splitting tracks Kijfhoek	The brake shoe splitting tracks Kijfhoek is a brake shoe of the 'Stangen - Hemmschuhe' type used only on the splitting tracks of Kijfhoek, the so-called 'Swiss model' (see the user instructions for brake shoe splitting tracks Kijfhoek GVS00109-V001 on the Logistics Portal).
Capacity Agreement	A capacity agreement is an access agreement only laying down the capacity to which the titleholder has a right, without giving any right to access and use of the railway infrastructure. <i>Notes:</i> A capacity agreement can be concluded with a party that is authorised by law to conclude an Access Agreement (e.g. a province granting transport concessions, or a shipper), but which does not have an operating licence.
Centrally controlled area	A centrally controlled area is an area within the railway network in which the relationship between route control and track occupation, as well as the operation of individual infrastructural elements and route control can be monitored from a central location.
Combined Network	The Combined Network comprises the railway infrastructure managed by ProRail with the exception of the Betuweroute.
Cross-over	A cross-over is a facility to switch tracks on an open track by means of (at least two sets of) points. <i>Notes:</i> An example of a crossover is the Infrastructural Facility for Maintenance, which is treated as a train-path point in the scheduling process.
Dangerous goods	Dangerous goods are substances that by virtue of their properties can, even in small quantities, constitute a hazard for humans, animals or the environment, as referred to in the Carriage of Dangerous Goods Act.
Defect	A functionality of the railway infrastructure that is not working (properly).
Disruption	A disruption is a deviation from the timetable above a set standard value. Three types of disruptions can be distinguished: 1. Delays equal to or larger than the operating incident standard. 2. Cancellation for which no normal train service order has been submitted. 3. Diversion for which no normal train service order has been submitted. <i>Notes:</i> See Section 26(3) Rail Traffic Decree
Effective platform length	The maximum uninterrupted link for the platform along which a train must stop under normal circumstances for the boarding and alighting of passengers, taking an appropriate stop tolerance into account. Normal operations means the absence of interrupted operations (namely normal radiation, functioning signals, all systems function properly).
ERTMS	ERTMS is the European standardised safety system for train traffic. <i>Notes:</i> See also ETCS and GSM-R ERTMS comprises 3 levels 1. Point-to-point train safety system with fixed blocks, and conventional train detection. This is practically identical to ATC-NG in terms of functionality. 2. Cabin signalling based on radio-communication, conventional train detection, fixed blocks. 3. Cabin signalling based on radio-communication, the train reports its own position, fixed or moving blocks.
ETCS	ETCS is an integral part of ERTMS and concerns the signalling, both along the track and in the cabin.
Exceptional Transport	Exceptional transport is the transport of a consignment whose dimensions, weight or wagon type call for exceptional technical or operational measures. Transport regulations are a precondition for exceptional transport.
First- Come-First-Serve-principle	If several parties request the same capacity, the party that submitted the request first is allocated the capacity.
Freight corridor	A freight corridor is a series of EU-designated route sections located on the territory of multiple Member States designed to advance more efficient freight transport by rail.

Term	Definition
GSM-R	<p>GSM-R is the wireless telecommunications network for the rail sector.</p> <p><i>Notes:</i> GSM-R is used as means of communication both for voice (drive and traffic controller) and data (between the fixed and mobile safety systems).</p>
KPI	A KPI (Key Performance Indicator) is a variable used to analyse a specific operational performance. It is a management instrument.
Locally controlled area	A locally controlled area is an area of the railway network, within which the operation of individual infrastructural elements and route control take place under the supervision of a traffic controller with minimum authority.
Macro topology	<p>The network configuration (macro topology) displays the railway infrastructure network at the level of train-path points (stations, stops, connections, bridges, etc.) and the open tracks. In this, the train-path points serve as nodes and the open tracks as branches.</p> <p>This system can be refined further by specifying the individual open tracks. Due to its enhanced level of detail, this specification can prevent conflict situations in some scheduling and capacity allocation processes.</p> <p>See also the definition of 'open track'.</p>
Main siding line	A main siding line is a branch line that serves to connect multiple sidings in a port or industrial zone to the railway network.
Network configuration	<p>The network configuration (macro topology) displays the railway infrastructure network at the level of train-path points (stations, stops, connections, bridges, etc.) and the open tracks.</p> <p>In this, the train-path points serve as nodes and the open tracks as branches. This system can be refined further by specifying the individual open tracks. Due to its enhanced level of detail, this specification can prevent conflict situations in some scheduling and capacity allocation processes. See also the definition of 'open track'.</p>
Node	<p>A node is a train path point or a collection of (adjoining) train path points within which several logistics and planning processes of a train service are concentrated and handled.</p> <p>Three types of nodes can be distinguished:</p> <ul style="list-style-type: none"> • Infrastructural node: process = scheduling, allocation and release of infrastructure. An infrastructural node point is also a node point where at least three open tracks converge. • Train node: process = scheduling and performance of vehicle movements and shunting. • Personnel node point: process = scheduling and control of personnel services.
Open track	<p>An open track is an area that connects two train-path points or two primary process line areas.</p> <p><i>Notes</i> An open track does not have any exits for running trains. There are no points controllable by the process manager. An open track consists of one or more open lines.</p> <p>There are two views of open track (see also 'Macro topology'):</p> <ul style="list-style-type: none"> • The PPLG view: here the primary process line areas are the nodes, and the open track, an interconnecting pipeline without exit option. • The train path point view: recognises more nodes than the PPLG view. Here, the train path points are the nodes, thus creating a more finely meshed network.
Performance scheme	An agreement concerning the reciprocal performance of the infrastructure manager and the railway undertaking, which may include a charging system.
Platform track	<p>Track alongside the platform.</p> <p>Track A rail or set of parallel rails upon which railway vehicles run or that are used for stabling purposes.</p> <p>Platform A raised area along the track at a station or stop intended for the boarding and alighting of passengers and/or the (un)loading of goods.</p>

Term	Definition
Private passenger transport	Private passenger transport is the transport of passengers by train, other than public transport in the sense of the Passenger Transport Act.
Product step	A frequency increase on a corridor, a railway undertaking wishing to run with new or longer rail vehicles, to run faster or to obtain better connections.
Railway undertaking	According to the Railways Act: a railway undertaking is an undertaking of which the (primary) activity concerns the provision of rail transport services for goods or passengers and which has the necessary traction to provide those services, as well as any other undertaking that makes use of or intends to make use of the railways and has access to traction. ¹⁷² <i>Synonym:</i> Transport operator.
Railway yard	A railway yard is an area forming part of the railway infrastructure intended and equipped for the stopping, starting, terminating, passing, intersecting, stabling or shunting of trains, and which area is provided with at least one switch. Sections 39 and 40 of the Rail Traffic Regulations define a railway yard as follows. a. All tracks designated by a number. b. The rail sections of the track lead. c. All tracks bordering the tracks as referred to under a and b, up to a maximum distance of 200 metres* before the approach signal of the railway yard, unless the network manager has indicated by means of a sign (SR 302) that no shunting can take place on that track or that shunting restrictions apply. Appendix 7 to the Rail Traffic Regulations lists the railway yards for which a distance greater than 200m is required.
Refuelling system	A system for the storage of fuel, including facilities to provide railway vehicles with fuel in an environmentally sound manner. <i>Notes:</i> In accordance with the Environmental Permit / Environmental Permit (General Conditions) Act.
RNE	RailNetEurope is a collaborative group of infrastructure managers throughout Europe. International timetable requests are coordinated and harmonised within RNE. (www.rne.eu)
Route	Connection between two places with regard to the vehicles or vessels that regularly make use of the connection.
Route section	A route section is a succession of connected train-path points and open tracks, starting and ending at a train-path point.
Service facility	The facility, including site, building and equipment, which is fitted out in full or part for the provision of one or more services as referred to in Directive 2012/34/EU, Annex II, points 2 to 4.
Shunting	Shunting is the performance of shunting operations. Rail Traffic Decree: Shunting: All traffic movements of trains (or railway vehicles) taking place at a railway yard. ¹⁷³ Shunting operation A shunting operation is a train movement without transport intent, subject to the restriction that such takes place within the boundaries of a railway yard or train node point without making any use of an open track.
Siding	A siding connects a company's premises to the railway network by means of a branch line and a point switch.
Slot	A slot is a set of one or more infrastructure capacity units, connected in time and space, that provides space for a valid infrastructure use purpose of the railway infrastructure.

¹⁷² See also Section 1 Railways Act.

¹⁷³ Section 29 Rail Traffic Decree

Term	Definition
Stabling line	<p>Stabling line A stabling line is a track where trains can be stabled. Also called railway siding.</p> <p>Stabling Stabling is the temporary placement of rolling stock that during the stationary period are not included in the timetable or involved in shunting.</p>
Station	A station is a building or structure that is designated by structure and layout in full or in part for the arrival and departure of railway vehicles to enable the boarding, alighting or transfer of passengers.
STM	<p>A Specific Transmission Module (STM) is train equipment, which converts information from a conventional local safety system into information that can be processed by the ETCS.</p> <p>Notes: The STM-ATC is relevant to the Netherlands, the STM-Memor is relevant to the border crossing with Belgium, and the STM-PZB (Punktförmige Zugbeeinflussung) is relevant to Germany.</p>
Time-space slot	<i>Synonym: see slot</i>
Timetable	A timetable is an overview of the scheduled rail traffic products of all transporter operators in terms of the arrival, departure and passage times of trains at train-path points. A timetable always has a specified term of validity.
Titleholder	A titleholder, according to the Railways Act, is a natural person or legal entity that is authorised to conclude an Access Agreement with ProRail. See Section 57 Railways Act
Ton metre weight	The ton metre weight is the average weight (in tons) per linear metre of a train.
Track and route section geometry	Track and route section geometry is the location of tracks and route sections expressed in geometrical terms.
Traffic use	<p>Traffic use is the use of the railway infrastructure for traffic purposes. This is contrary to the use of the infrastructure for management purposes.</p> <p>Notes: Traffic can be distinguished into running and stationary traffic. Management is the construction, maintenance and renewal of the infrastructure. In the railway sector:</p> <ul style="list-style-type: none"> • Running use is the running of the train, (dis)embarking, (un)loading and shunting for the composition of trains. • Stationary use concerns the stabling and upkeep of railway vehicles: inspections, replenishment of consumables, internal and external cleaning for hygiene purposes, minor repairs.
Train path	<p>A train path is a feasible movement assigned to a train slot.</p> <p>According to Directive 2012/14/EU, a train path is: the infrastructure capacity to run a train between two places over a given time-period.</p>
Train path	<i>Synonym: see path</i>
Train service & traffic control	<p>Traffic control The organisation of people and systems with the following tasks:</p> <ul style="list-style-type: none"> • ensuring railway safety • releasing routes to users of the infrastructure • in case of a deviation between the requested and available routes, revision of the process plan and the provision of information on the changes made • taking appropriate measures in case of a disaster and reporting the occurrence thereof. <p>Network traffic control The organisation of people and systems with the following tasks:</p> <ul style="list-style-type: none"> • allocation and distribution of railway infrastructure capacity during the operational phase • provision of information on the allocation • evaluation of the handling of disruptions

Term	Definition
Train slot	A train slot is a successive set of one or more infrastructural capacity units, which facilitate valid use of the railway infrastructure.
Transport	The use of capacity for the actual transport of passengers or freight.
User charge	The term 'user charge' is a collective term for the various charges paid by railway undertakings to ProRail in connection with the services they purchase from ProRail for the acquisition of capacity rights and access to and use of the railway infrastructure and facilities managed by ProRail, as well as the services to be provided in connection therewith. A user charge consists of the following elements: <ol style="list-style-type: none"> the charge for the basic access package (category 1 services)¹⁷⁴, possibly supplemented by a charge as referred to in Sections 62(2) and 6(a)¹⁷⁵ and (b)¹⁷⁶ Railways Act; the compensation for Category 2, 3 and 4 services (insofar as they are offered by ProRail)¹⁷⁷; levies, discounts, addition or deduction as referred to in Section 62(6)(c), (d)¹⁷⁸, (f) and (g) of the Railways Act.
User restriction	A user restriction is a deviation from the normal utility value of the rail infrastructure. For example: <ul style="list-style-type: none"> temporary speed restrictions (TSR) access norms and transport regulations track exclusion point switch exclusion load restrictions current take-up restrictions environmental permit restriction transport restrictions noise restrictions
VPT system	This is an information & communication system that supports the scheduling, operation and intervention of the train service.

Abbreviation	Meaning
ACM	Consumer & Market Authority
ATC	Automatic Train Control
ATC-e	Automatic Train Control-basic
ATC-EG	Automatic Train Control first generation
ATC-NG	Automatic Train Control new generation
ATC-Vv	Automatic Train Control improved version
BLEVE(-free)	Boiling Liquid Expanding Vapor Explosion, name for a type of explosion that may occur if, for example, a propane or LPG tank collapses. This term is used in relation to trains carrying dangerous goods. In the composition of these trains, a certain combination of dangerous goods must be avoided, so that in the event of damage to wagons, there is no danger of explosion.
BP	Out-of-gauge loads
BV	Exceptional transport
Buta	Urgent capacity request
CCA	Centrally controlled area
CCS (TSI)	Command Control Signalling, regulation for control and signalling subsystems

¹⁷⁴ See Annex II, point 1 of the Directive.

¹⁷⁵ See Railway Capacity Allocation Decree.

¹⁷⁶ See Implementing Regulation 2015/429 laying down the modalities for the imposition of charges for the costs of noise pollution.

¹⁷⁷ See Annex II, points 2, 3 and 4 of the Directive. Category 2 services concern the (access to) service facilities and to the services provided in those facilities, Category 3 services concern supplementary services, category 4 services concern ancillary services.

¹⁷⁸ See HSL Levy Decree.

Abbreviation	Meaning
CER	Community of European Railway and Infrastructure Companies
CIEBR	Coöperatieve Inkoopvereniging Elektriciteit Betuweroute U.A.
CIT	International Rail Transport Committee
CUI UR	Uniform Rules concerning the Control of Use of Infrastructure in International Rail traffic.
ERTMS	European Rail Traffic Management System
ESC	ETCS System Compatibility: ETCS system compatibility (see also ETCS)
ESC check	Check for ETCS system compatibility
ETCS	European Traffic Control System
EU	European Union
GSM-R	Global System for Mobile Communications for Railways
GTI	Freight Train Check-in
ILT	Environmental Health and Transport Inspectorate
KPI	Key Performance Indicator
LCA	Locally controlled area
LTSA	Long-Term Rail Agenda
Memor/Krokodil	a train control system used inter alia in France, Luxemburg.
OBU	On Board Unit
PHS	High Frequency Rail Transport Programme
PPLG	Primary process line area
PREI	ProRail ERTMS Integration Lab
PTCL	ProRail Test Control Log
PZB/Indusi	Punktförmige Zugbeeinflussung (PZB), Induktive Zugsicherung (Indusi): a train control system used inter alia in Germany.
RIC	International coach regulations
RIV	International wagon regulations
RNE	RailNetEurope
SPAD	Signals passed at danger
STM	Specific Transmission Module
TCL	Test Control Logging
Transport Inspectorate	Relevant department of the Ministry of Infrastructure and the Environment
TSI	Technical Specification for Interoperability
TSR	Temporary speed restrictions
VIVENS	Cooperative for the purchase and sale of power on the Dutch railway network
WLIS	Wagon load information system

An overview of the abbreviations of station names can be consulted on ProRail's [Logistics Portal](#) (BID00011 – Lijst van Verkortingen).

Appendix 3 Consultation (section 1.5.3)

ProRail has drawn up the Network Statement 2023 following consultation with the titleholders and other stakeholders involved. The process of consultation on the Network Statement 2023, as well the outcome thereof, are described in this appendix.

Consultation with railway undertakings

Subjects involving changes to the Network Statement have been discussed at consultation tables or in other forms of consultation to which all railway undertakings were invited. The outcome of these consultations, as well as other data intended for updating and improvement of the Network Statement, have been processed in the draft Network Statement 2023.

Start of consultations

The draft Network Statement 2023 was made available on 27 August 2021 to:

- all railway undertakings active at that time on the main railway network managed by ProRail,
- all administrative bodies authorised to grant concessions for passenger transport by train,

These titleholders received a newsletter by email containing a reference to the offer letter, the draft Network Statement 2023 and the new methods for allocating costs to all services offered in 2023.¹⁷⁹ Also attached for comparison is a document highlighting the differences between the draft Network Statement 2023 and the Network Statement 2022. In addition, titleholders were invited to information meetings about the draft Network Statement 2023. During these consultations, the titleholders were given the opportunity to ask substantive questions and to make suggestions for improving the process. Also, parties in the rail freight chain (port companies, shippers, operators, and suchlike) were approached to inform them of the possibility to respond to the draft Network Statement 2023.

Questions and comments by titleholders and stakeholders

Titleholders and stakeholders were given an opportunity until 8 October 2021 to respond in writing to (the changes to) the draft Network Statement 2023. ProRail received substantive comments from Arriva Nederland, NS Groep, DB Cargo Nederland, RTB Cargo Netherlands, Lineas, RailGood, Havenbedrijf Rotterdam (also on behalf of Havenbedrijf Amsterdam), Provincie Limburg, Provincie Overijssel en Provincie Gelderland.

ProRail reaction

ProRail has drawn up a list of the received questions and comments. Also explained in the list is the consequence attached thereto by ProRail. Some of the received questions and comments led ProRail to make a number of changes to the draft Network Statement 2023. All material changes to the draft Network Statement 2023 are accounted for in the statement.

ProRail has provided all parties who have responded in writing with a statement of questions and comments submitted by titleholders and stakeholders, together with ProRail's response. ProRail will also make the statement available to other titleholders on request.

¹⁷⁹ - Method of allocating costs to the minimum access package 2023 - 2025 (29 March 2021)
- Method of allocating costs to the stabling and shunting service facility 2023 - 2025 (10 December 2021)
- Method for allocating costs to the transfer service facility 2023 - 2025 (10 December 2021)
- Method of allocating costs to the exceptional transport service facility 2023 - 2025 (10 December 2021)
- Method of allocation of costs to the EVA service 2023 - 2025 (10 December 2021)
- Method of allocating costs to auxiliary ICT services 2023 - 2025 (10 December 2021)

Appendix 4 Regulations on the settlement of complaints and disputes (section 1.3.3)

1. General regulations on the settlement of complaints and disputes

Article 1

1. If a party is of the opinion that the other party is not complying in full with the Access Agreement or the Capacity Agreement and an attempt has been made to effect compliance by means of verbal consultation with the party in alleged default, the party seeking compliance can submit a written complaint to the person or the contracting party that is responsible for compliance with that part of the Access Agreement or the Capacity Agreement to which the complaint pertains. The complaint is submitted to the Account Management department of ProRail.
2. Following receipt of the complaint as referred to in the previous paragraph, the receiving party will within fourteen days respond in writing stating, if the complaint is deemed justified, a proposal for resolving the complaint and the period within which such can be realised.
3. A complaint is regarded as satisfactorily resolved when both parties agree on a solution to the complaint.
4. If a complaint is not satisfactorily solved, the issue is regarded as a dispute of which the party in alleged default will be notified in writing. Written notification of the dispute will include a description of the dispute, how it has come to arise and the position of both parties on the issue. The dispute is submitted to the Account Management department of ProRail.
5. The party receiving the notification as referred to in the previous paragraph, will proceed with the handling of the dispute within five working days of receipt.
Dispute handling at ProRail is carried out at department management level, and as concerns the railway undertaking, at a management level selected for this purpose by the railway undertaking. The parties may choose to submit the dispute to a different management level.
6. A dispute is resolved when both parties agree to the chosen solution.
7. Both parties will do their utmost to find a solution to any complaint and/or dispute that arises between them.

Article 2

1. All disputes, with the exception of those referred to in the regulations on capacity allocation disputes, which may ensue from the Access Agreement and which cannot be solved amicably on grounds of Article 1 of these General Regulations on the Settlement of Complaints and Disputes, will be solved in accordance with Article 29 of the General Terms & Conditions to the Access Agreement.
2. These regulations are without prejudice to the right of parties in cases of urgency to submit a dispute directly to the body designated for this purpose in Article 29 of the General Terms & Conditions.

Article 3

1. If a stakeholder is of the opinion that ProRail has handled it unfairly, discriminated against it or that it has otherwise been disadvantaged in the drafting of the Network Statement, in particular in the handling of the opinion that it has submitted to ProRail in response to the draft of the Network Statement, this stakeholder can submit a complaint in writing to the Account Management department of ProRail. Complaints relating to the elements included under Section 58(5) Railways Act shall be submitted within two weeks of the publication of the Network Statement or of a change to the relevant parts of the Network Statement.
2. Following receipt of the complaint as referred to in the previous paragraph, ProRail shall within fourteen days respond in writing stating, if the complaint is deemed justified, a proposal for resolving the complaint and the period within which such can be realised.
3. A complaint is regarded as satisfactorily solved when the complainant and ProRail agree on a solution to the complaint.
4. If a complaint is not resolved satisfactorily, the issue is regarded as a dispute if ProRail is notified of such in writing. Written notification of the dispute will include a description of the dispute, how it has come to arise and the position of both parties on the issue.
5. ProRail shall deal with the dispute within five working days of receipt of the notification referred to in the previous paragraph.
6. A dispute is solved when both parties agree to the chosen solution.
7. Both parties will do their utmost to find a solution to any complaint and/or dispute that arises between them.

Article 4

1. All disputes concerning the Network Statement, which cannot be solved amicably on grounds of Article 3, may, with due observance of the provisions of Section 58(5) Railway Act, be submitted to the ACM in accordance with Section 71(1) Railway Act.

2. These regulations are without prejudice to the right of parties in cases of urgency to submit a dispute directly to the ACM designated for this purpose in Section 71(1) Railways Act.

2. General regulations on the settlement of complaints and disputes regarding the station portfolio

Article 1

1. If any party is of the opinion that the other party is not complying in full with any agreement concluded with ProRail and/or NS Stations regarding the access to a specific or the delivery of a service by the facility as referred to in Section 18 Implementation Decree Directive 2012/34/EU, and an attempt has been made to effect compliance by means of verbal consultation with the party in alleged default, this party can submit a written complaint via the contact form of ProRail and NS Stations: <https://stations.nl/contact>.
2. Following receipt of the complaint as referred to in the previous paragraph, the receiving party will within ten working days respond in writing stating, if the complaint is deemed justified, a proposal for resolving the complaint and the period within which such can be realised.
3. A complaint is regarded as satisfactorily resolved when both parties agree on a solution to the complaint.
4. If a complaint is not satisfactorily solved, the issue is regarded as a dispute of which the party in alleged default will be notified in writing. Written notification of the dispute will include a description of the dispute, how it has come to arise and the position of both parties on the issue.
5. The party receiving the notification as referred to in the previous paragraph, will proceed with the handling of the dispute within five working days of receipt. Dispute handling at ProRail and NS Stations is carried out by the management of ProRail and NS Stations, respectively, as concerns the railway undertaking, at a management level selected for this purpose by the railway undertaking. The parties may choose to submit the dispute to a different management level.
6. A dispute is resolved when both parties agree to the chosen solution.
7. Both parties will do their utmost to find a solution to any complaint and/or dispute that arises between them.

Article 2

1. If a stakeholder is of the opinion that ProRail and/or NS Stations has treated it unfairly, discriminated against it or that it has otherwise been disadvantaged as regards the making of an offer for access to station facilities and/or the delivery of services, falling under the station portfolio (as referred to in Section 18 Implementation Decree Directive 2012/34/EU), the stakeholder can submit a complaint in writing to the management board of NS Stations and/or the board of directors of ProRail.
2. Following receipt of the complaint as referred to in the previous paragraph, the receiving party will within ten working days respond in writing stating, if the complaint is deemed justified, a proposal for resolving the complaint and the period within which such can be realised.
3. A complaint is regarded as satisfactorily resolved when the stakeholder and the receiving party have agreed on a solution to the complaint.
4. If a complaint is not satisfactorily solved, the issue is regarded as a dispute if the other party is notified of such in writing. Written notification of the dispute will include a description of the dispute, how it has come to arise and the position of both parties on the issue.
5. The party receiving the notification as referred to in the previous paragraph, will proceed with the handling of the dispute within five working days of receipt.
6. A dispute is resolved when both parties to the complaint can agree to the chosen solution.
7. Both parties will do their utmost to find a solution to any complaint and/or dispute that arises between them.

Article 3

1. All disputes regarding the station portfolio as referred to in Section 18 Implementation Decree Directive 2012/34/EU, which may arise further to one or more agreements concluded between the railway undertaking and NS Stations or the Access Agreement concluded with ProRail, which concern the services offered in the stations portfolio will be submitted to the competent civil court of Rotterdam if these disputes cannot be settled amicably between the parties or by a committee to be appointed by the parties in which each party appoints an equal number of members, which committee is charged with assessing whether an amicable settlement can be reached between the parties, except if the railway undertaking has concluded a (rental) agreement providing for another matter of dispute resolution.
2. In deviation of the provisions of the previous paragraph, the parties to an agreement concluded with NS Stations or an Access Agreement concluded with ProRail can further determine that the disputes referred to in this paragraph will be resolved in accordance with the applicable regulations of the Netherlands Arbitration Institute. The arbitration board, which will decide in accordance with the law, can consist of one or three arbitrators. The arbitration will be held in Utrecht.
3. These dispute regulations are without prejudice to Article 71 Railways Act.

Appendix 5 Model Access Agreement and General Terms & Conditions (section 3.3)

1 Model Access Agreement

The model Access Agreement 2023 reflects the services stated in the Network Statement that are offered by ProRail. The model Access Agreement 2023 is, from 1 July 2022, available in two versions on the [ProRail website](#):

- A model Access Agreement 2023 to be concluded between ProRail and titleholders that qualify as railway undertakings.
- A model Access Agreement 2023 (hereinafter called 'model Capacity Agreement 2023') to be concluded between ProRail and titleholders that do not qualify as railway undertakings.

General Terms & Conditions

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General Terms & Conditions Access Agreement ProRail 2023 (versie 31 May 2022)

Title I. General Terms & Conditions

Article 1 Definitions

The definitions below are used in these General Terms & Conditions.

1. (Supplementary) service licence: the licence as referred to in Section 123a(1) Railways Act.
2. General Terms & Conditions: these general terms and conditions.
3. Company performance data: the values acquired by a party within the performance of the Access Agreement with regard to reliability, availability, operational quality, safety, health and the environmental impact of processes and systems of the other party.
4. Operating Licence: the licence as referred to in Section 28 Railways Act.
5. Handling costs: extra office and communication costs, administrative costs involved in handling the loss event, costs of replanning the operational activities and the costs of additional persons required during the period that the loss event hampers normal operational activities.
6. Network manager: the holder of a concession as referred to in Section 16(1) Railways Act, or the body designated by law in the Netherlands as network manager as referred to in Article 3(2) Directive 2012/34/EU.
7. Concession: the concession as referred to in Section 16(1) Railways Act.
8. CUI: Uniform Rules concerning the Contract of Use of Infrastructure in International Rail Traffic (CUI – Appendix E to the Convention concerning International Carriage by Rail (COTIF), Treaty Series 277 2011 dated 28 December 2011), as applicable.
9. Third party: any natural person and/or legal entity other than the network manager, the railway undertaking or their auxiliary persons.
10. User charge: the charge as referred to in Section 62(1) Railways Act.
11. Titleholder: a titleholder as referred to in Section 57 Railways Act, being the contracting party of the network manager to the Access Agreement.
12. Auxiliary person: the subordinate or other natural person and/or legal entity, whose services are engaged by the titleholder or the network manager in the sense of Book 6 Dutch Civil Code.
13. Admission Certificate: the certificate as referred to in Section 36(4) Railways Act, as applicable on 19 July 2008.
14. Network Statement: the applicable network statement as referred to in Section 58 Railways Act, including the Supplements to the Network Statement that have been announced up to and including the day before the signing of the Access Agreement.
15. Information services: information services forming part of the basic access package as well as information services as referred to in sections 5.5.1 and 5.5.2 of the Network Statement.
16. Operational Conditions: the Operational Conditions as contained in sections 3.4 and 6.2 of the Network Statement.
17. Party: the network manager or the titleholder.
18. Parties: the network manager and the titleholder.
19. Loss event: an event or series of events, resulting in loss, following on from one and the same cause.
20. Railway vehicle: a vehicle intended for traffic on the railways.
21. Railways: the railways and accompanying railway infrastructure as referred to in Section 1 Railways Act, the management of which has been assigned to the network manager, as well as other infrastructural facilities managed by the network manager, as described in section 2.2.1. of the Network Statement.
22. Railway undertaking: the titleholder insofar as acting as a railway undertaking as referred to in Section 1 Railways Act.
23. Railways Act: Act of 23 April 2003, containing new general rules regarding the construction, management, accessibility and use of railways, as well as traffic on the railways (Bulletin of Acts and Decrees 2003, 264) as applicable.
24. Access Agreement: the agreement, including the appendices thereto, as referred to in Section 59 Railways Act.
25. Attributable: loss due to fault or a cause that under law, regulations or custom is for the risk and account of the party causing the loss.
26. Safety Certificate: the certificate as referred to in Section 32 Railways Act.
27. Vehicle licence: the licence as referred to in Section 26k Railways Act.
28. Passenger Transport Act 2000: Act of 6 July 2000, laying down new rules for public transport, private bus transport and taxi transport (Bulletin of Acts and Decrees 2000, 314) as applicable.

Article 2 Access Agreement, General Terms & Conditions and Operational Conditions

1. The contractual legal relationship between the parties concerning the access to and use of the railways is laid down in writing in the Access Agreement, the General Terms & Conditions and the Operational Conditions.

2. Supplements and/or changes to the General Terms & Conditions and/or the Operational Conditions agreed by the parties are binding only if determined in writing in the Access Agreement.
3. The persons appointed as contract manager on behalf of the titleholder and the network manager will be specified in the Access Agreement. The parties may in the Access Agreement also appoint categories of officials who are authorised to implement the Access Agreement on their behalf.
4. The Access Agreement may also include further regulations on the handling of complaints about operational matters.
5. If and insofar as a titleholder, under the terms of a contract concluded with the network manager, acts as auxiliary person of the network manager in performance of the Concession granted to the network manager, and damage is caused to a decommissioned section of the railways and/or the decommissioned section of the railways is not available to the titleholder and/or damage is caused to the titleholder by making use of the decommissioned section of the railways, the liability provisions of the aforementioned agreement applies to said damage and/or unavailability, with exclusion of the liability provisions of the Access Agreement, the General Terms & Conditions and the Operational Conditions.

Article 3 Change procedure Access Agreement, Operational Conditions and/or General Terms & Conditions

1. A request to change the Access Agreement, Operational Conditions and/or General Terms & Conditions, which request for change does not ensue from statutory measures or a ruling by a court of law or arbitration board, will be submitted in writing and will in any event include a description of the proposed change(s) and the resulting consequence(s) in terms of the rights and obligations of the parties. The network manager will in every case evaluate whether the changes proposed by the titleholder are non-discriminatory towards other titleholders.
2. The parties will do their utmost to reach agreement on a proposed change within thirty calendar days of receipt of a change proposal.
3. Changes to the Access Agreement, Operational Conditions and/or General Terms & Conditions can only be made in the form of a written supplement to the Access Agreement signed by the parties.
4. If changes are to be made to the General Terms & Conditions, Operational Conditions and/or the Access Agreement by force of statutory measures, the Concession or a ruling by a court of law or arbitration board, the network manager, if given the opportunity to do so, will consult with the relevant authority, put up a defence in the court or arbitral procedure, and make every effort to prevent or limit any negative consequences for the parties. In such a case, the network manager will inform the titleholder in writing with inclusion of a proposal for change. The network manager will make this proposal with due consideration for the reasonable interests of the titleholder and make every effort to prevent or limit any negative consequences for the titleholder. If the titleholder does not agree to the proposed change, the network manager will nevertheless be entitled to adopt the proposed change unilaterally.
5. In urgent cases, whereby the provisions of the previous paragraph are applicable, the change proposal and consultation as set out in this paragraph may be omitted. If this is applied, the network manager shall provide an explanation afterwards.

Article 4 Nullification of provisions

In case of a legally irreversible nullification by the competent authority of one or more provisions of the Access Agreement, the General Terms & Conditions or the Operational Conditions, these provisions will be replaced by provisions that reflect as much as possible the original intention of the parties. Nullification of one or more provisions will not affect the validity of the other provisions.

Title II. Information and confidentiality

Article 5 Provision of information

1. The parties will notify one another of every incident that could hinder fulfilment of the essential obligations of the Access Agreement, which will in any event include every relevant change, suspension and withdrawal of the Concession of the network manager, or of the Safety Certificate and/or Operating Licence of the railway undertaking.
2. The parties will in the Access Agreement agree on the manner (including the time and frequency) in which the railway undertaking will provide the information as referred to in section 3.4.6 of the Network Statement, and specify all other information that they will exchange with one another within the performance of their relationship.
3. The parties will inform one another promptly if they have any information other than referred to in the previous paragraph, of which they know or should in all reasonableness realise that the titleholder or the network manager requires this information for the proper performance of the Access Agreement. This obligation in any case pertains to all relevant safety information as referred to in Article 4 of Regulation (EU) No. 1078/2012.

4. If one of the parties incurs a loss as a result of the actions of a third party or auxiliary persons, the parties will, if such is possible and can reasonably be expected, assist one another in determining the identity of the third party or auxiliary persons in question.
5. The titleholder will, at no expense, provide the network manager with information required by the network manager in order:
 - a. to draw up a draft noise map as referred to in Article 7 of Directive 2002/49/EC of the European Parliament and of the Council of 25 June 2002 relating to the assessment and management of environmental noise, *OJEU* 2002, L 189, with regard to the noise load caused by the main railway network;
 - b. to comply with the obligations resting on the Netherlands pursuant to Regulation (EU) no. 91/2003 of the European Parliament and of the Council of 16 December 2002 with regard to rail transport statistics, *OJEU* 2018, L 1124;
 - c. to draw up the compliance report on noise production limits as referred to in Section 11.22 Environmental Management Act.
After the entry into force of the new Environment Act, sub c will be replaced by:
for drawing up the compliance report on noise production ceilings as referred to in Article 11.22 of the Environmental Management Act, as this read prior to the new Environment Act coming into force, or for drawing up the monitoring report as referred to in Article 10.42b of the Environment Decree, insofar as and as long as the aforementioned act and decree continue to apply.
6. The parties will ensure that personal data provided for the execution of the Access Agreement will only be processed in accordance with relevant laws and regulations, including (but not limited to) the GDPR.

Article 6 Confidentiality

1. Conditions of confidentiality
 - a. The parties will observe confidentiality regarding all data that according to the provisions of this article are classified as confidential.
 - b. Classified as confidential are the Access Agreement, information that the parties provide one another within the performance of the Access Agreement, as well as information that is classified as confidential pursuant to the provisions of this article or at the explicit instruction of the provider.
 - c. The parties will take appropriate measures to protect confidential information contained in their information systems.
 - d. Information that falls under the confidentiality provisions of this article can without the permission of the other party or a titleholder be released to and used by a third party if so prescribed by law or a final and binding court order or arbitral award.
 - e. The parties will impose on their auxiliary persons an obligation to comply with the duty of confidentiality applicable between the parties.
 - f. The obligations under this article remain in force on termination of the Access Agreement.
2. Provisions regarding the confidentiality of information exchanged between the parties
 - a. The parties will exclusively use the information exchanged between them within the context of the performance of the Access Agreement for the purposes for which it is provided and will not release said information to third parties without the permission of the other party, except in the cases provided for by this article.
3. Provisions regarding the confidentiality of information concerning the other party that is available to the parties
 - a. The parties will treat company performance data as confidential information and not release such to third parties without the permission of the other party, except in the cases provided for by this article.
 - b. The network manager is authorised to grant other titleholders who have accepted these General Terms & Conditions, as well as network managers of connected railway networks access to information about the capacity requested by the titleholder, on condition that they handle such information as confidential.
 - c. The network manager is authorised to release information about the capacity allocated to a titleholder and about the current train service of the railway undertaking as confidential information to the other railway undertakings who have accepted these General Terms & Conditions, as well as to network managers of connected railway networks.
 - d. The network manager is entitled to release the timetable data, train run data and the passenger train forecast in TSI TA180P of the railway undertaking to railway undertakings, station manager¹⁸¹s and network managers of connected railway networks for the purpose of travel information services.
 - e. The network manager is entitled to make the values of the information and performance indicators, as referred to Article 7 paragraph 3(a) and (b) of the Concession, available to the concession authorities unless determined otherwise in the Access Agreement or Article 7 paragraph 5 of the Concession. The network manager is not entitled to provide the concession authorities with the data underlying these

¹⁸⁰ Regulation (EU) No. 454/2011, *OJEU* 2011, L 123.

¹⁸¹ As defined in Regulation (EC) No. 1371/2007, *OJEU* 2007, L 315.

- values, as this concerns commercially sensitive data and the railway undertaking also qualifies this data as confidential in the sense of Article 6 paragraph 1 letter b.
- f. The network manager is authorised to provide train flow information to its auxiliary persons, exclusively for use within the framework of the agreement concluded between the network manager and the auxiliary persons regarding the performance of work on the management of the railways, insofar as the auxiliary persons require that information within the context of the work on the management of the railways as assigned by the network manager. Infrasppeed Maintenance B.V. is for the application of this article regarded as the auxiliary persons of the network manager.
4. Provisions regarding information about other titleholders (third-party interest)
 - a. Titleholders will observe the confidentiality of any information acquired via the information systems of the network manager or consultations organised by the network manager about capacity allocation, train service handling and/or the company performance data of other titleholders. This information may not be used as evidence in legal procedures between the titleholder and other titleholders.
 - b. Titleholders accept that information about their capacity requests, capacity allocation, the train service handling and/or company performance data will via the information systems of the network manager become available to network managers of connected railway networks and other titleholders who have accepted these General Terms & Conditions.

Title III. Rights and obligations of the network manager and titleholders

Article 7 Access to and use of the railways by the railway undertaking

1. The titleholder, exclusively if and insofar as authorised to act as railway undertaking, has access to the railways and the right to make use thereof subject to the conditions and in the manner as determined in:
 - a. The applicable national and international regulations and the ensuing regulations and rulings by a court of law and/or arbitration board imposed on the network manager.
 - b. The Access Agreement.
2. Prior to the signing of the Access Agreement, the railway undertaking will provide the network manager with the documents listed below.
 - a. A valid operating licence or comparable document as referred to in Section 30(1) Railways Act.
 - b. a valid Safety Certificate.
 - c. Proof of compliance with the provisions of Section 55 Railways Act.The railway undertaking will immediately, in any event within 5 days, notify the network manager in writing of any event that restricts or ends the validity of the aforementioned documents. The railway undertaking will provide the network manager with written notification of any change to its liability insurance before such comes into effect, insofar as it can reasonably be assumed that such will or could have consequences for the Operating Licence.
3. The railway undertaking is not permitted to alter, damage or contaminate the railways or to use it in any manner other than that for which it is intended, has been equipped or has been made available. Contamination as referred to in this paragraph does not include the disposal, either directly or indirectly, of solids or fluids that are released during the normal operation of railway vehicles as referred to in Section 19(1)(b) Railways Act. After the entry into force of the new Environment Act, the second sentence shall be deleted.
4. The parties will ensure that any auxiliary persons engaged in the performance of the Access Agreement will receive adequate instruction in this respect and have the necessary knowledge and skills. Auxiliary persons that appear not to have the necessary knowledge and skills will – whether or not at the request of any of the parties - be immediately discharged from performance of the engaged work.
5. The railway undertaking is liable towards the network manager for actions of consignors and consignees, as defined under transport law, who perform or instruct work at public freight terminals and/or railway yards, in as far as the railway undertaking has any physical or legal influence on such actions.
6. If loss ensues as a result of the actions as referred to in the previous paragraph, the railway undertaking is only liable if the loss event is attributable to the action of a third party and the railway undertaking had the physical and/or legal ability to prevent the loss event and the consequences thereof. This provision is without prejudice to the liability of consignors and consignees for their actions at these freight terminals and/or railway yards.

Article 8 Access to and use of information services

1. The network manager will perform its work regarding the access to and use of information services, or have this performed by auxiliary persons, in accordance with the service levels stated in the Service Level Agreement(s) attached to the Access Agreement.
2. If the obligations pursuant to paragraph 1 cannot be fulfilled in accordance with the agreed service levels, the network manager will immediately inform the titleholder thereof and take all reasonable actions to achieve compliance with the agreed service levels.

3. The titleholder will handle the software and hardware made available by the network manager within the context of paragraph 1 with due care and you such exclusively for the purpose for which they were made available by the network manager, without making any changes to the content thereof. The titleholder and/or its auxiliary persons shall comply in full with any accompanying manuals or instructions provided by the network manager.
4. Any work to be carried out by the network manager as a result of defects in software and/or hardware caused by injudicious use, use contrary to the instructions given by the network manager, or use contrary to that agreed by the parties does not form part of this Access Agreement.
5. The network manager retains the intellectual property rights to all software provided by the network manager to the titleholder within the context of the granting of access to and use of the information services. The network manager retains the intellectual property rights to information provided by the network manager to the titleholder within the context of the granting of access to and use of the information services. The network manager will by means of the Access Agreement grant the titleholder a licence to use the aforementioned software and data for the agreed information services in the manner prescribed by the network manager.
6. The reproduction and/or publication and/or the commercial exploitation of any software and hardware made available by the network manager within the context of the granting of access to and use of information services, or use by or on behalf of third parties or other services and systems of the titleholder and/or its auxiliary persons is prohibited, except with the prior written permission of the network manager.

Article 9 Allocation of capacity

1. The network manager is responsible for the allocation of capacity in accordance with the procedure set out in sections 4.2, 4.3, 4.5, 4.8 and 7.3.5.3 of the Network Statement as well as the provisions of the decision referred to in Section 61(1) and Section 67 Railways Act.
2. Capacity allocated in the form of train paths is allocated for the maximum duration of one timetable period.
3. If the capacity allocated to a titleholder pursuant to Article 38(1), last paragraph of 2012/34/EU is transferred by the titleholder to a railway undertaking with notification given to the network manager, all rights and obligations agreed between the titleholder and the network manager with regard to the transferred capacity will be terminated, with the exception of the payment obligation for the transferred capacity as applicable at the time of transfer. The network manager and the railway undertaking to whom the capacity is transferred will accept the transferred capacity subject to the Access Agreement concluded between the railway undertaking and the network manager unless the railway undertaking informs the network manager within five working days and in writing that it does not accept the transferred capacity.
4. The railway undertaking is not permitted to transfer the allocated capacity to a third party.
5. The allocated capacity lapses according to the procedure referred to in section 4.3.4 under a of the Network Statemen in case of an emergency and if absolutely necessary as result of a disruption that temporarily makes the railways unusable. In case of a threat of disruption in the short term, the network manager will provide specifics and motives why restoration measures are required in the short term in order to prevent the occurrence of an actual disruption that could impact negatively on the safe runnability of the railways and/or uninterrupted train traffic. The network manager will strive to allocate capacity for rerouting.
6. If the titleholder has used the allocated capacity for a period of at least one month, i.e. 30 consecutive days (starting at any given date) within one timetable year for less than the threshold value mentioned in section 4.8.3 or in section 7.3.5.3.6 of the Network Statement, the titleholder will surrender or the network manager will withdraw the allocated capacity during the remaining period of that timetable year, unless this is due to non-economic reasons beyond the control of the titleholder. The network manager will hereby observe a notice period of two weeks.
7. The network manager reserves the right to withdraw or change allocated capacity in the cases below.
 - a. When instructed to do so by the competent authorities or in order to prevent such an instruction, on condition that the instruction relates to a situation defined in adequate concrete terms. If legal remedies are available, the network manager will use them if necessary. The network manager will consult the titleholder(s) concerned in good time.
 - b. In the interests of public order.
 - c. Following a report as referred to in Article 7 paragraph 2 of these General Terms & Conditions or after receipt of the Minister's decision to withdraw the documents referred to in Article 7 paragraph 2 or if a valid proof of insurance within the meaning of Section 55 Railways Act cannot be provided by the railway undertaking. The network manager will only withdraw or modify allocated capacity after notifying the titleholder that and on what grounds withdrawal or change occurs.
 - d. When it concerns capacity required for passenger transport services by train, and the titleholder is no longer entitled to perform such services under the terms of the Passenger Transport Act 2000 or a public service contract referred to in Article 2(i) of Regulation 1370/2007.
8. When using the authority referred to in the previous paragraph, the network manager will make every effort to limit the negative consequences thereof for the titleholder in terms of duration and scale. The network manager will consult in advance with the titleholder if it wishes to exercise the authority referred to in the previous paragraph in order to prevent an instruction by the competent authority.

Article 10 Use of railway vehicles by railway undertaking

1. The network manager is entitled by virtue of the relevant national and international regulations, the Concession and/or a ruling by a court of law or arbitration board, to carry out a supplementary inspection of (repaired) railway vehicles with regard to those aspects that were not included in the inspection performed under the terms of the Admission Certificate or the (supplementary) service licence or the vehicle licence.
2. Following the results of the supplementary assessment referred in the first paragraph, the network manager can give instructions to and/or impose conditions and/or restrictions on the use of the railways or exclude the railway vehicles in question from use of the railways. The results of the assessment are reported to the railway undertaking in writing.
3. The conditions and restrictions referred to in the second paragraph can include:
 - a. The setting of a re-assessment term.
 - b. A re-assessment following changes made to the railway vehicle.
 - c. The (temporary) application of a classification.
 - d. The (temporary) application of reasonably necessary measures to the infrastructure at the expense of the railway undertaking.
4. The railway undertaking will provide the network manager with information on the identification and the deployment possibilities and limitations of the railway vehicles used by the railway undertaking.
5. At the network manager's first request, the railway undertaking will, with regard to the relevant railway vehicle, submit a valid EC inspection statement and/or, for railway vehicles as referred to in Section 122a Railways Act, a valid Admission Certificate and/or exemption as referred to in Section 46 Railways Act as applicable on 1 April 2012 or a (supplementary) service licence or a vehicle licence.
6. The responsibility of the railway undertaking for a deployed railway vehicle ends as soon as another railway undertaking has transported or moved that vehicle, or has notified the network manager that it assumes responsibility for the vehicle.
7. If a railway undertaking, barring an exemption as referred to in Section 26k(5) Railways Act, acts in contravention of the prohibition referred to in Section 26k(1) Railways Act or is not in possession of a valid Admission Certificate or a (supplementary) service licence and/or the railway undertaking does not use the vehicle service licence and/or railways in accordance with the assessment as referred to in this article, the network manager is entitled to immediately refuse the railway undertaking use of the railway vehicle in question on the railways and to instruct that such use be terminated at once. The ensuing costs are for the account of the railway undertaking. The network manager is also entitled to refuse the use of railway vehicles if they no longer meet the technical specifications on which they were assessed during the approval process. Such railway vehicles may, if deployed on the railways, only be moved by the railway undertaking under its own risk, with the permission of the network manager and subject to certain conditions.

Article 11 Safety and the environment

1. Railway undertakings that make use of a railway yard managed by the network manager and perform permit-linked activities thereon may only do so within the framework of the environmental permit issued for said activities. Railway undertakings will give the network manager the opportunity to assess in advance whether the proposed operations at railway yards are pursuant to the conditions of the Environmental Management Act, the General Provisions for Environmental Law Act and the applicable environmental permit. Railway undertakings that (plan to) carry out operations at railway yards that require an environmental permit, are obliged to consult and comply with the provisions of the environmental permit in question. The network manager is responsible for enabling adequate performance under the terms of the issued permits.
After the entry into force of the new Environment Act, the second sentence will be replaced by:
Railroad undertaking must give Management Company the opportunity to assess in advance whether intended activities on railway yards are in line with the obligations of the Environment Act and the applicable environmental permit.
2. The railway undertaking will use the railway infrastructure in accordance with the restrictions to use and user regulations stated in section 3.4.1 and Appendix 9 of the Network Statement.
3. The railway undertaking will apply an environmental care system that supports compliance with the restrictions to use and user regulations as prescribed by the environmental and user permits granted to the network manager. The railway undertaking will make the particulars entered into the environmental care system available to the network manager. The railway undertaking accepts that the network manager can, to verify compliance, also use other non-discriminatory measures that provide a fair view of the situation.
4. The railway undertaking will notify the network manager as soon as possible of any risk or occurrence of damage by the railway undertaking to the railways and/or the environment and/or the safety of third parties. This notification is without prejudice to the legal and contractual obligations of the railway undertaking.
5. The network manager is entitled by virtue of relevant national and international regulations and/or a ruling by a court of law or arbitration board to determine that certain rail-based operating processes of the railway undertaking specified by the network manager may not be carried out on the railways, or may only be carried out at the locations designated by the network manager and/or subject to conditions imposed by it and/or using the facilities located at the site.
Included under operating processes are:

- a. internal and external cleaning of railway vehicles;
 - b. testing of railway vehicles;
 - c. refuelling;
 - d. stabling of railway vehicles;
 - e. removal of waste resulting from operating processes and from railway vehicles;
 - f. inspection and maintenance of and/or repairs to railway vehicles.
6. The railway undertaking will refrain from actions that exceed the noise limit values set by law or that infringe upon the relevant conditions of the permits prescribed pursuant to the Environmental Law (General Conditions) Act.
- After the Environment Act enters into force, subsection 6 will be replaced by the following:*
The railroad undertaking shall refrain from acting in a way that would result in exceeding the noise production ceilings applicable under the Environmental Management Act or the new Environment Act or violating the relevant regulations pertaining to environmental permits granted under the General Provisions for Environmental Law Act or the Environment Act.
7. The network manager can give instructions to the railway undertaking in case of a potential infringement of the noise limit values or conditions referred to in the previous paragraph.
 8. If the competent authority charged with monitoring compliance of a permit granted by law to the network manager or statutory regulations regarding the use of the railways ascertains an infringement of the applicable provisions and notifies the network manager thereof in writing, the network manager will in case of a suspicion that said breach has effectively been committed by the railway undertaking notify the railway undertaking thereof in writing as soon as possible, in any event within three working days of itself having received notification.
 9. The railway undertaking and the network manager will enter into consultation on the infringement described in the notification as referred to in the eighth paragraph, including the presentation of a defence.
 10. If the railway undertaking is of the opinion that a party other than the railway undertaking has committed the infringement referred to in the eighth paragraph or that the infringement was in fact not committed, it will inform the network manager thereof, stating reasons, within ten working days of receipt of the notification. Findings of the competent authority endorsed by the network manager will serve as proof of non-compliance of the regulations as referred to in this article, unless the railway undertaking in its written reaction to the network manager provides explicit and motivated arguments that can be used by the network manager in its defence against the findings.
 11. The railway undertaking will reimburse the penalty imposed on, or deposit forfeited by, the network manager with regard to an infringement as referred to in the eighth paragraph, unless the network manager, contrary to the request of the railway undertaking, has failed to present a defence against the penalty or forfeited deposit and/or has not given the railway undertaking an opportunity to present a defence against the penalty or forfeited deposit.
 12. The railway undertaking will promptly provide the network manager with the necessary information to present a defence against the infringement described in the notification as referred to in the eighth paragraph. The network manager reserves the right to abstain from presenting a defence if such is evidently pointless or the railway undertaking fails to provide the network manager with the necessary information, in which case the railway undertaking will compensate the penalty or forfeited deposit to the network manager. The network manager will inform the railway undertaking on the course of the defence proceedings.
 13. The costs of the defence with regard to infringements as referred to in the eighth paragraph are at the expense of the railway undertaking, with the exception of those cases in which the network manager has a joint interest in the defence owing to the possible consequences for the usability of the railways or in those cases that the parties have agreed in consultation to oppose the qualification of the ascertained facts as an infringement, whereby a different allocation of costs was agreed upon.

Article 12 Storage of liquids for the running of railway vehicles

The railway undertaking is exclusively permitted to tranship environmentally dangerous liquids required for the traction of railway vehicles and the operation of equipment at appropriate sites designated by the network manager, as referred to in Appendix 21 of the Network Statement (refuelling facilities).

Article 13 Train traffic restoration measures

1. The parties will in case of a disruption of train traffic do all that may reasonably be expected of them to resolve the disruption and limit the negative consequences thereof.
2. In this context, the network manager can take various measures, including the detention, rerouting, insertion, slowing down or speeding up of trains, or the cancellation of train paths. The network manager will thereby apply the relevant regulations of the Network Statement as stated in section 6.3.
3. If the network manager offers a replacement train path in the cases as referred to in paragraph 2 and Article 9 paragraph 7, the user charge for the replacement path will not be higher than for the original train path.

Article 14 Cooperation by railway undertaking

1. The railway undertaking will at the instruction of the network manager cooperate in measures aimed at resolving a disruption, regardless of the cause thereof. If the network manager deems such necessary, the railway undertaking will make its equipment and auxiliary persons available in as far as such equipment and personnel are suitable for the intended purpose.
2. The costs of the assistance referred to in paragraph 1 incurred by the railway undertaking, which has not caused the disruption, will be at the expense of the network manager.
3. If the disruption is for the risk and account of the railway undertaking, it will, at the network manager's first request, compensate the network manager for the costs referred to in paragraph 2 as well as all other costs incurred by the network manager in resolving the disruption.
4. If the railway undertaking providing assistance, despite exercising the necessary care, causes damage to the railway undertaking receiving assistance and/or the network manager or itself suffers damage, the resulting loss is for the risk and account of the party to which the disruption can be attributed.
5. If the railway undertaking providing assistance, despite exercising the necessary care, causes damage to a third party not being a party involved in the disruption, the resulting loss is for the risk and account of the party causing the disruption. The party causing the disruption will, if necessary, indemnify the other stakeholders in the disruption against any claims for compensation by such third parties.
6. The railway undertaking will participate in the response organisation subject to regulations of the Access Agreement as stated in sections 6.2.9 and 6.3.4 of the Network Statement.

Article 15 Presence on railways

1. If the railway undertaking allows (auxiliary) persons to be present on or along the railways, such takes place at the risk and account of the railway undertaking.
2. The railway undertaking will ensure that the (auxiliary) persons referred to in the first paragraph have received adequate instructions concerning the safe and properly organised presence on the railways.
3. Auxiliary persons of the railway undertaking working on the railways will be able to provide proper identification, in the form of a service pass or written instruction as auxiliary persons of the railway undertaking.

Article 16 Inspections and instructions

1. The network manager is authorised, with a view to performing the tasks and responsibilities assigned by virtue of the relevant national and international regulations and/or a ruling by a court of law or arbitration board, to carry out inspections and/or give necessary instructions to (the auxiliary persons of) the railway undertaking who will comply with such without delay. The categories of officials of the network manager who are entitled to exercise the above authority are defined in the Access Agreement.
2. The authority of the network manager as referred to in the first paragraph can exclusively be exercised for the purpose of protecting the railways, preventing or controlling nuisance experienced by the environment and other users of the railways, and the safe and effective use of the railways.
3. The inspections and instructions will cause as little hindrance as possible to the normal operating activities of the railway undertaking and will be carried out or issued, respectively, in a manner that causes minimal burden. The network manager exclusively has access to those railway vehicles, systems and equipment of the railway undertaking that are relevant to the inspection.
4. The railway undertaking will follow the instructions given by the network manager pursuant to the first paragraph. In case of failure to comply immediately with a lawful instruction as referred to in these General Terms & Conditions, the railway undertaking will forfeit an immediately payable penalty of € 1,000 for the first infringement, € 2,500 for the second infringement and € 5,000 for every subsequent infringement per timetable year, without prejudice to the right of the network manager to demand compensation. In case a series of infringements consists of the failure to comply with one and the same instruction, the right of the network manager to demand an immediately payable fine of € 5,000 per infringement is maximised at € 25,000 for the series of infringements. In urgent cases, the designation will be presumed to be lawful. If it subsequently appears that the designation was not lawfully issued, the contractual penalty issued pursuant to this paragraph will lapse by operation of law.
5. If the railway undertaking fails to comply with an instruction given by the network manager, compliance with which is deemed necessary in order to prevent damage, potential damage, terminate a wrongful situation, nuisance and/or to effect speedy restoration of the train traffic as referred to in Article 13 paragraph 1 of these General Terms & Conditions, the network manager is entitled to have the actions and/or work ensuing from the instruction carried out at the risk and expense of the railway undertaking.

Title IV. Liability

Article 17 Conditions of liability

1. The provisions of CUI, Title III, apply mutatis mutandis to the Access Agreement concluded between the railway undertaking and the network manager, insofar as not deviated therefrom in Title IV of these General Terms & Conditions.
2. The limitation of liability of a party as described here in Title IV does not apply if the loss is the result of any action or negligence by that party acting either with the intent to cause said loss, or with recklessness and the knowledge that such loss could probably result therefrom.
3. The network manager and the railway undertaking accept liability for their auxiliary persons.
4. Any claim by auxiliary persons of the railway undertaking against the network manager in respect of liability for loss caused by the network manager, as well as any claim by auxiliary persons of the network manager against the railway undertaking in respect of liability for loss caused by the railway undertaking can, irrespective of the legal ground, only be filed subject to the conditions and limitations of the General Terms & Conditions.
5. The handling costs are related to the loss amount, comprising the loss items referred to in Article 18, paragraph 1, sub a, b and c and Article 19, paragraph 1, sub a, b and c, which are determined according to the table below.

Loss amount	Handling costs
from € 0 to € 100,000	2.5% of the loss amount
from € 100,000 to € 250,000	2.0% of the loss amount
from € 250,000 to € 1,000,000	1.5% of the loss amount
from € 1,000,000 to € 5,000,000	1.0% of the loss amount
from € 5,000,000	actual costs

If the loss consists exclusively of financial loss, the handling costs can be determined on the basis of the actual costs incurred. The administration costs for handling of the loss event are thereby determined according to the table below, whereby the reference loss consists of additional office and communication costs, costs of replanning the operational activities and the costs of additional personnel required during the period that the loss event as referred to in this paragraph hampers normal operational activities.

Reference loss			administration costs
€ 5,000	to	€ 10,000	€ 350
€ 10,000	to	€ 30,000	€ 375
€ 30,000	to	€ 50,000	€ 475
€ 50,000	to	-----	1% of the reference loss

6. If liability for the loss event is recognised promptly by the network manager without objection and compensation is paid promptly, the administration costs are limited to 50% of the amounts stated in the table above.

Article 18 Liability of the network manager towards the railway undertaking

1. The network manager accepts liability to the railway undertaking:
 - a. for personal injury, namely death, or any other form of bodily or emotional harm,
 - b. for property damage, namely the destruction of or damage to movable and immovable property,
 - c. for financial loss, the cause of which lies in the railways and has been inflicted upon the railway undertaking or its auxiliary persons during the use of the railways.

the cause of which lies in the railways and has been inflicted upon the railway undertaking or its auxiliary persons during the use of the railways.

Unless agreed otherwise in the Access Agreement, the same liability applies to the use of service facilities managed by the network manager and services provided by the network manager, subject to the provisions of paragraph 6 regarding the services and/or software stated therein.
2. The liability for financial loss referred to in the first paragraph is limited exclusively to the loss components stated below, subject to the conditions accompanying each component and with explicit exclusion of the loss of turnover and profit.
 - a. For the financial loss consisting of compensation owed by the railway undertaking to parties with which it has concluded transport agreements or other third parties:
 - exclusively the compensation which the railway undertaking is obliged to pay to counterparties to its transport contract(s) or to other third parties under statutory, European or contractual regulations and within the limits and conditions of those regulations.

- b. For the financial loss consisting of the reasonable costs of salvage and evacuation, including the costs of temporary facilities for the personnel involved, the costs of experts, handling costs and reasonable costs for determining the liability and extent of the loss:
 - all costs incurred.
- c. For the financial loss consisting of the costs of replacement transport and handling costs, subject to the explicit condition that the railway undertaking is unable during a period of at least 8 (eight) consecutive hours, calculated from the start of the cause attributable to the network manager, to make full use of its allocated capacity:
 - the costs of replacement transport, as well as handling costs.
- d. For the financial loss consisting of the costs of replacement transport for passengers and freight shipments involved directly in the loss event:
 - the costs of replacement transport for those passengers and freight shipments, whereby 'passengers and freight shipments involved directly in the loss event' is understood to mean those passengers and freight shipments that make use of a railway vehicle involved in the loss event as well as those passengers and freight shipments that make use of a railway vehicle that experience a comparable degree of hinder from the loss event in the sense that the consequences of the loss event for the passengers and/or freight shipments involved are the same and have been solved in the same manner. The costs of replacement transport will be calculated until the next location where transport by train can be used again, or until another location where transport by train can be used again, if these costs are lower.
- e. For the financial loss consisting of the costs of temporary replacement of a railway vehicle that is not available for use, either temporarily or permanently, as a result of the loss event:
 - exclusively the reasonable costs of renting a railway vehicle during the period in which the railway undertaking does not, in all reasonableness, have another railway vehicle at its disposal for the scheduled transport.
- 3. The network manager is discharged from the liability referred to in the first paragraph:
 - a. In case of personal injury and financial loss ensuing from the compensation owed by the railway undertaking under the terms of the CUI Uniform Rules:
 - 1. if the loss event was caused by circumstances outside the operations of the network manager, which the network manager, despite exercising the necessary care required under the circumstances, could not avoid and could not prevent the consequences thereof,
 - 2. insofar as the loss event can be attributed to the person who has suffered the loss,
 - 3. if the loss event can be attributed to the behaviour of a third party, which the network manager, despite exercising the necessary care required under the circumstances, could not avoid and could not prevent the consequences thereof.
 - b. In case of personal injury and financial loss ensuing from the compensation owed by the railway undertaking under the terms of the CUI Uniform Rules, whereby the loss is caused by a railway undertaking or an instruction by the railway undertaking that cannot be attributed to the network manager or by circumstances that, and the consequences of which, the network manager could not avoid.
 - c. In case of financial loss other than referred to under a and b above:
 - 1. if the loss event can be attributed to the railway undertaking or to an instruction given by the railway undertaking that is not attributable to the network manager,
 - 2. if the loss event was caused by circumstances, such as force majeure or behaviour by a third party, which the network manager, despite exercising the necessary care required under the circumstances, could not avoid and could not prevent the consequences thereof.
- 4. The network manager accepts no liability for loss incurred by the railway undertaking as a result of an instruction by the network manager, which on grounds of the Access Agreement is lawful and given in accordance with the provisions of Article 16 of the General Terms & Conditions, as well as for the consequences of the application of Article 9 paragraph 5 of the General Terms & Conditions.
- 5. The railway undertaking will not submit any claims to the network manager for compensation less than € 5,000 per loss event, with the exception of those cases:
 - a. in which the network manager is liable pursuant to Section 6:175 Dutch Civil Code,
 - b. in which the loss results from any attributable infringement by the network manager of any statutory regulation regarding the use of the railways.
 - c. as referred to in paragraph 2(a), exclusively with respect to compensation to parties with which it has concluded transport agreement(s) pursuant to CIM and/or Title 8.18 Dutch Civil Code and the cause of which lies in the railways.

The above is on the understanding that the compensation of financial loss as referred to in paragraph 2(a) is only requested insofar as the financial loss exceeds € 5,000 per loss event.
- 6. The network manager is liable for or loss resulting from late, incorrect and/or incomplete information provided by the network manager in the context of an information service and/or software, insofar as the loss results from an attributable failure on the part of the network manager to fulfil the agreed service levels of the relevant information service, as referred to in Article 8 paragraph 1 of these General Terms & Conditions. The network manager does not accept any liability:

- a. for indirect loss, including consequential damage, loss of profit, missed savings and loss due to stagnation in operations,
- b. for any loss exceeding the amount agreed by the parties under the relevant Service Level Agreement as consideration for the information services.

Article 19 Liability of railway undertaking towards the network manager

1. The railway undertaking is liable to the network manager:
 - a. for personal injury, namely death, or any other form of bodily or emotional harm,
 - b. for property damage, namely the destruction of or damage to movable and immovable property,
 - c. for financial loss, the cause of which lies in the railways and has been inflicted upon the railway undertaking or its auxiliary persons during the use of the railways.
incurred by the network manager or its auxiliary persons during the use of the railways by the operated railway vehicles or by the transported persons or freight.
Unless agreed otherwise in the Access Agreement, the same liability applies to the use of service facilities managed by the network manager and services provided by the network manager.
2. The liability for financial loss referred to in the first paragraph is limited exclusively to the loss components stated below, subject to the conditions accompanying each component and with explicit exclusion of the loss of turnover and profit.
 - a. For the financial loss consisting of compensation that the network manager owes to third parties:
 - exclusively the compensation which the network manager is obliged to pay to third parties pursuant to national and/or Community law or international law and within the limits and conditions of such law.
 - b. For the financial loss consisting of the reasonable costs of salvage and evacuation, including the costs of temporary facilities for the personnel involved, the costs of experts, handling costs and reasonable costs for determining the liability and extent of the loss:
 - all costs incurred.
 - c. For the financial loss, subject to the explicit condition that, if due to a cause attributable to the railway undertaking, traffic on the railways or a part thereof could not take place in part or full during a period of at least 8 consecutive hours, calculated from the start of the event:
 - the reasonable costs of cancellation and rescheduling of work that was planned to be carried out in the period during which the loss event hindered normal operations and which work could attributably not be carried out due to that loss event, as well as the handling costs.
3. The railway undertaking is discharged from the liability referred to in the first paragraph:
 - a. In case of personal injury:
 1. if the loss event was caused by circumstances outside the operations of the railway undertaking, which the railway undertaking, despite exercising the necessary care required under the circumstances, could not avoid and could not prevent the consequences thereof.
 2. insofar as the loss event can be attributed to the person who has suffered the loss,
 3. if the loss event can be attributed to the acts of a third party, which the railway undertaking, despite exercising the necessary care required under the circumstances, could not avoid and could not prevent the consequences thereof.
 - b. In case of property damage, when the damage is attributable to the network manager or to an instruction by the network manager which cannot be attributed to the railway undertaking or through circumstances that the railway undertaking could not avoid and could not prevent the consequences thereof.
 - c. In case of financial loss:
 1. if the loss event can be attributed to the network manager or to an instruction given by the network manager that is not attributable to the railway undertaking,
 2. if the loss event was caused by circumstances, such as force majeure or acts by a third party, which the network manager, despite exercising the necessary care required under the circumstances, could not avoid and could not prevent the consequences thereof.
4. The network manager will not submit any claims to the railway undertaking for compensation less than € 5,000 per loss event, with the exception of those cases:
 - a. in which the network manager is liable pursuant to Section 6:175 in conjunction with 8:1670 et seq Dutch Civil Code,
 - b. in which the loss results from any attributable infringement by the railway undertaking of any statutory regulation regarding the use of the railways.
The above is on the understanding that the compensation of financial loss as referred to in paragraph 2a is only requested insofar as the financial loss exceeds € 5,000 per loss event.
5. The railway undertaking indemnifies the network manager against all claims relating to any attributable infringement by the railway undertaking of any statutory regulation.
6. In case of property damage to the railways, the settlement of benefit is only applied if the network manager actually benefits from the repair of the property damage. This is only assumed if the repair of the property damage results in the postponement, in relation to the network manager's planning, by more than five years of the first following complete renewal of the element (not being a single component) of the railways of which

the repaired property is part The network manager will, on request, provide the railway undertaking with the relevant planning. The network manager will, in case of an appeal to settlement of benefit, provide evidence of the planning.

Article 20 Liability amongst railway undertakings

1. The railway undertaking is liable towards another railway undertaking:
 - a. for personal injury,
 - b. for loss of and damage to property, irrespective of the ownership position,
 - c. for financial loss, the cause of which lies in the railways and has been inflicted upon the railway undertaking or its auxiliary persons during the use of the railways.incurred by the railway undertaking or its auxiliary persons during the use of the railways by the operated railway vehicles or by the transported persons or freight.
Unless agreed otherwise in the Access Agreement, the same liability applies to the use of service facilities managed by the network manager and the services provided by the network manager.
2. The liability for financial loss referred to in the first paragraph is limited exclusively to the loss components stated below, subject to the conditions accompanying each component and with explicit exclusion of the loss of turnover and profit.
 - a. For the financial loss consisting of compensation owed by the other railway undertaking to parties with which it has concluded transport agreements or other third parties:
 - exclusively the compensation that the railway undertaking is obliged under the terms of national, European or international law to pay to parties with which it has concluded transport agreements or other third parties.
 - b. For the financial loss consisting of the reasonable costs of salvage and evacuation, including the costs of temporary facilities for the personnel involved, the costs of experts, handling costs and reasonable costs for determining the liability and extent of the loss:
 - all costs incurred.
 - c. For the financial loss consisting of the costs of replacement transport in the Netherlands as well as the handling costs, subject to the explicit condition that, if due to a cause attributable to a railway undertaking, traffic on the railways or a part thereof could not take place in part or full during a period of at least eight consecutive hours, calculated from the start of the event: the charged cost of replacement transport (by third parties):
 - the costs of replacement transport, as well as handling costs.
 - d. For the financial loss consisting of the costs of replacement transport in the Netherlands for passengers and freight shipments involved directly in the loss event:
 - the costs of replacement transport for those passengers and freight shipments, whereby 'passengers and freight shipments involved directly in the loss event' is understood to mean those passengers and freight shipments that make use of a railway vehicle involved in the loss event as well as those passengers and freight shipments that make use of a railway vehicle that experience a comparable degree of hinder from the loss event in the sense that the consequences of the loss event for the passengers and/or freight shipments involved are the same and have been solved in the same manner.
 - e. For the financial loss consisting of the costs of temporary replacement of a railway vehicle that is not available for use, either temporarily or permanently, as a result of the loss event:
 - exclusively the reasonable costs of renting a railway vehicle during the period in which the railway undertaking does not, in all reasonableness, have another railway vehicle at its disposal for the scheduled transport.
3. The railway undertaking is discharged from the liability referred to in the first paragraph if the loss event:
 - a. is attributable to the other railway undertaking or to an instructions given by the other railway undertaking which is not attributable to the railway undertaking,
 - b. was caused by circumstances, such as force majeure or behaviour by a third party, which the railway undertaking, despite exercising the necessary care required under the circumstances, could not avoid and could not prevent the consequences thereof.
4. The railway undertaking will not submit any claims to another railway undertaking for compensation less than € 5,000 per loss event, with the exception of those cases:
 - a. in which liability is based on Section 6:175 Dutch Civil Code in conjunction with Section 8:1670 et seq Dutch Civil Code,
 - b. in which the loss results from any attributable infringement by the other railway undertaking of any statutory regulation regarding the use of the railways.
5. This article is a third-party clause as referred to in Section 6:253 Dutch Civil Code. The railway undertaking accepts that another railway undertaking that has also accepted these General Terms & Conditions also has the right to directly invoke the conditions in these General Terms & Conditions that are relevant to the relationship between the railway undertakings.

Article 21 Attributable failure

Without prejudice to the provisions of Title IV above, a party who attributable fails to fulfil its obligations, after having been notified of this failure and given a reasonable period to rectify the situation, but has nevertheless failed to do so, is liable for the loss incurred by the other party, on the understanding that, except in the case of intent and/or deliberate recklessness, loss of turnover or profit by the other party is not eligible for compensation. Article 18 paragraph 5, and Article 19 paragraph 4 of these General Terms & Conditions apply mutatis mutandis.

Article 22 Limitation of liability, prescription and force majeure

1. The liability of the parties in any form whatsoever is limited to that provided under Title IV, without prejudice to the right of the parties to demand fulfilment of the provisions of the Access Agreement and/or these General Terms & Conditions.
2. A claim by the titleholder or the network manager based on the Access Agreement and/or these General Terms & Conditions lapses three years from the date of the event that gave rise to the claim.
3. In case of the death of persons, a time limit applies of three years starting from the day after decease, but no more than five years starting from the day after the accident.
4. If the claim by the network manager is based on an event with regard to which the titleholder has recourse against the other party of a transport agreement concluded by the titleholder, the claim by the network manager on the titleholder will lapse one month before the expiry of the time limit that applies by law or treaty to the claim by the titleholder on the other party of a transport contract concluded by the titleholder.
5. If the claim by the titleholder is based on an event governed by a transport agreement concluded by the titleholder whereby the titleholder takes recourse against the network manager, the claim by the titleholder on the network manager will lapse one month after expiry of the time limit that applies by law or treaty to the claim governed by the transport agreement.
6. Prescription is suspended if one of the parties submits the dispute to a body in the sense of Article 29 or if the matter is submitted to an arbitration board.
7. The network manager and/or the titleholder are in case of force majeure not liable for any loss whatsoever. Force majeure in the sense of these General Terms & Conditions also includes the meaning given thereto by law and legal precedents. Also regarded as force majeure are power failures not caused by the network manager, suicides or attempts thereto, behaviour by animals, national or local strikes or work stoppages, whether or not organised, at the company of the network manager and/or of the titleholder.
8. The provisions of paragraph 7 are without prejudice to the obligations of the network manager under Section 5 Network Infrastructure Regulations.
9. In case auxiliary persons incur losses that can be attributed to both the network manager and the titleholder, the network manager and the titleholder now for then indemnify one another against any claims by auxiliary persons for compensation insofar as such is attributable to the network manager and the titleholder, respectively. This indemnification also applies to claims for compensation that is attributable entirely to the network manager and for which the auxiliary person brings a claim against the titleholder, and vice versa.
10. In case a scheme applies between the network manager and the titleholder for the compensation of a specific loss event, the network manager and the titleholder now for then indemnify one another against any claims by auxiliary persons engaged by the network manager and the titleholder, respectively, relating to the loss event in question.

Title V. Financial stipulations

Article 23 Charges

1. The user charges and other charges for access to and use of the railways, the related service facilities and services offered by the network manager are calculated subject to the relevant provisions of the Network Statement.
2. A user charge of nil applies for the use of the railway infrastructure for the performance of instructions by the network manager with regard to the management of the railways. Trains for which no user charge is due under the terms of this provision will receive no timetable drafting support by the One-Stop-Shop of the network manager.
3. In order to determine the user charge for the service as referred to in point 1(e) and point 3(a) of Annex II of Directive 2012/34/EU, the titleholder or the energy procurement organization authorized by the titleholder will provide the network manager with the data related to the amount of traction energy used. The railway undertaking authorises the network manager to verify with the tractive power supplier whether the submitted data cover the total tractive power supplied.
4. The network manager will invoice the user charge and other charges referred to in paragraph 1 per calendar month. If the network manager sends a provisional invoice, this will be followed by a final invoice within 6 months.
5. The final settlement of amounts due under a performance scheme will be invoiced within six months of expiry of the period to which the performance scheme relates.

6. The invoiced (user) charge is not eligible for set-off in the sense of Section 6:127(2) Dutch Civil Code, with the exception of the set-off of undisputed claims and claims based on a decision by a court of law or arbitration board.
7. The network manager may in case of reasonable doubt about the creditworthiness of the titleholder at all times demand that the titleholder issue a financial guarantee in the sense of the Implementing Regulation (EU) 2015/10 as security for fulfilment of its financial obligations under the Access Agreement and the General Terms & Conditions, as referred to in this article.
8. The costs of the security referred to in the previous paragraph are borne by the titleholder.

Article 24 Payment conditions

1. The titleholder and the network manager will pay the amounts owed by virtue of the Access Agreement and these General Terms & Conditions no later than 30 days after receipt of the invoice. In case of non-cash transfers, the date of receipt by the recipient's bank is regarded as the date of payment.
2. If the network manager or the titleholder fail to pay the amounts due under the Access Agreement and these General Terms & Conditions in the manner set out above, and the failure is due to a cause attributable to the network manager or the titleholder, the amount due is increased by statutory interest in accordance with Section 6:119a Dutch Civil Code, calculated from the final day on which payment should have been made.
3. All amounts due under the Access Agreement and/or these General Terms & Conditions are stated in euro and exclusive of VAT.
4. Objections against the amount of the final invoice will be submitted in writing within two months of receipt of the invoice. On expiry of the aforementioned term, the parties lose their right to appeal against the amount of the invoice. Systematic defects that come to light during the handling of a timely submitted objection against an invoice will, however, also lead to the recalculation of earlier invoices for which the term of objection has already expired. This paragraph does not apply to invoices submitted with a view to acquiring compensation.
5. Following an objection as referred to in the fourth paragraph, the titleholder is authorised to suspend payment of the invoice until the network manager has voiced its opinion on the validity of the objection. In case of partial dispute of the invoice, the undisputed part of the invoice will be settled within the term of payment.
6. In deviation of the provisions of the first paragraph, invoices for compensation will be paid within 30 days of the amount of the compensation having been established and communicated to the party obliged to pay such. In deviation of the second paragraph, amounts due in compensation are subject to the statutory interest in accordance with Section 6:119 Dutch Civil Code.

Title VI. Suspension and termination of Access Agreement

Article 25 Suspension of Access Agreement

1. The network manager and/or the titleholder can suspend performance of the Access Agreement in full or in part on grounds of Section 6:52 Dutch Civil Code.
2. The network manager can suspend performance of the Access Agreement in full or in part following a report as referred to in Article 7 paragraph 2 or after receipt of the Minister's decision to withdraw the documents referred to in Article 7 paragraph 2 or if the railway undertaking cannot submit a valid proof of insurance within the meaning of Section 55 Railways Act. The network manager will first exercise the right of suspension after having notified the titleholder that and on what grounds the suspension will take place.
3. In case of payment by the titleholder after the term referred to in Article 24 paragraph 1 of these General Terms & Conditions, the network manager may only suspend performance of the Access Agreement if the titleholder has exceeded the payment term for two successive periodic payments or for two payments within twelve months.
4. During the suspension, the titleholder and the network manager are obliged to take appropriate measures to prevent and limit the occurrence of loss.
5. The suspension ends on the lapse of the reason for suspension and the suspending party has received notification thereof from the other party. The titleholder can again exercise its full claim to the agreed capacity from no later than the fourth day after ending of the suspension.

Article 26 Termination by the network manager

1. The network manager can, without prior notice of default or judicial intervention, effect immediate termination of the Access Agreement by registered letter if:
 - a. The network manager is no longer a network manager in the Netherlands as referred to in Article 3(2) Directive 2012/34/EU;
 - b. The network manager is declared bankrupt or insolvent.
 - c. The network manager is granted a moratorium.
 - d. The titleholder has during a period of at least one year not used the allocated capacity.
 - e. The titleholder is no longer authorised to participate in rail traffic.
 - f. The titleholder has payment arrears:

- i. during two successive instalments and for an amount larger than the payments referred to in Article 23 for one month,
 - ii. during more than two instalments and for an amount equal to the payments referred to in Article 23 for two months.
 - g. The titleholder defaults on a significant contractual obligation, which concerns the safety of persons or goods, including freight loads.
 - h. The auxiliary persons or the railway vehicles to be used no longer meet the applicable safety requirements.
2. The network manager can terminate the Access Agreement by registered letter subject to a notice period of two months, in case of:
 - a. A mandatory change in the relevant regulations, the consequences of which could not be foreseen, which prejudice the obligations of the network manager and hinder the network manager in the fulfilment of its obligations.
 - b. The titleholder deliberately defaults or acts in gross negligence with regard to essential contractual obligations other than those referred to in the paragraph 1g.
3. If performance of the Access Agreement is suspended on grounds of Article 25 paragraph 1 of these General Terms & Conditions, the network manager can, after granting the titleholder a reasonable period to rectify the situation, terminate the Access Agreement if the titleholder remains in default.

Article 27 Termination by the titleholder

1. The titleholder can, without prior notice of default or judicial intervention, effect immediate termination of the Access Agreement by registered letter if:
 - a. The network manager is no longer a network manager in the Netherlands as referred to in Article 3(2) Directive 2012/34/EU. The network manager is declared bankrupt.
 - b. The network manager is granted a moratorium.
 - c. The network manager defaults on a significant contractual obligation, which concerns the safety of persons or goods, including freight loads.
2. The titleholder is entitled to terminate the Access Agreement, subject to a notice period of two months, in case of:
 - a. A mandatory change in the relevant regulations, the consequences of which could not be foreseen, which prejudice the obligations of the titleholder and hinder the titleholder in the fulfilment of its obligations.
 - b. The network manager deliberately defaults or acts in gross negligence with regard to other essential contractual obligations.
3. In cases other than those referred to in the first two paragraphs, the titleholder can terminate the Access Agreements by registered letter, subject to the notice period stated in the Access Agreement.
4. If performance of the Access Agreement is suspended on grounds of Article 25 paragraph 1 of these General Terms & Conditions, the network manager can, after granting the titleholder a reasonable period to rectify the situation, terminate the Access Agreement if the titleholder remains in default.
5. If the network manager changes the Access Agreement and/or General Terms & Conditions, the titleholder can, if it objects to the change, terminate the Access Agreement, subject to a notice period of three months from the moment the change comes into effect.

Article 28 Compensation on termination of the Access Agreement

No compensation whatsoever is payable in case of termination of the Access Agreement under Title VI, except in the case of termination on grounds of a moratorium, bankruptcy or attributable failure.

Article 29 Scope, applicable law and resolution of disputes

1. These General Terms & Conditions are applicable to Access Agreements.
2. The Access Agreement and the General Terms & Conditions are governed by Dutch law, including international treaties applicable in the Netherlands, in particular the COTIF 1999 with annexes.
3. All disputes, with the exception of those ensuing from Section 61 Railways Act and the Order in Council based thereon, ensuing from the Access Agreement and/or these General Terms & Conditions, which the parties cannot settle amicably will be submitted to the competent civil court in Rotterdam or to a committee appointed by the parties in which the parties appoint an equal number of members, which committee is charged with assessing whether an amicable settlement can be reached between the parties.
4. In deviation of paragraph 3, the parties can agree that the disputes as referred to same paragraph will be solved in accordance with the applicable regulations of the Netherlands Arbitration Institute. The arbitration board, which will decide in accordance with the law, can consist of one or three arbitrators. The arbitration will be held in Utrecht.
5. Paragraphs 1 to 4 of this article are without prejudice to Section 71 Railways Act.

Appendix 6 List of related documents on the Logistics Portal

1. [Aandachtspunten omgevingsvergunning Milieu](#)
Points of attention for the environment permit
2. [Aanmeldingsformulier hijswerkzaamheden](#)
Notification form for hoisting operations
3. [Aanvraagformulier diensten en dienstvoorzieningen op emplacementen](#)
Request form for services and service facilities at railway yards
4. [Aanvraagformulier diensten en dienstvoorzieningen op emplacement Kijfhoek](#)
Request form for services and service facilities at Kijfhoek railway yard
5. [Aanvullende overeenkomst over lokale bijzonderheden voor het grensbaanvak Gronau – Enschede](#)
Supplementary agreement on local particularities for the Gronau - Enschede cross-border route section
6. [Afwegingskader Versperringen 2022](#)
Assessment framework Blockages 2022
7. [Bepaling nuttige lengte sporen en perrons](#)
Determining effective length of tracks and platforms
8. [Checklist Milieu](#)
Environmental checklist
9. [Corridorboeken](#)
Corridor books
10. [Format te leveren kenmerken materieel](#)
Format for supplying railway vehicle characteristics
11. [Gebruiksaanwijzing Buitengewoon Vervoer GVS00094-V005](#)
User instruction Exceptional Transport GVS00094-V005
12. [Gebruiksaanwijzing Remslof Verdeelsporen Kijfhoek GVS00109-V001](#)
User instruction brake shoe splitting tracks Kijfhoek GVS00109-V001
13. [Handleiding aanleveren beladinggegevens WLIS VL-PRC331](#)
Provision of Load Specifications Manual
14. [Informatie met betrekking tot de infrastructuur die bij ProRail kan worden opgevraagd](#)
Information regarding the infrastructure that can be requested from ProRail
15. [Infrastructuurtekeningen met beschikbare opstel terreinen en bijbehorende voorzieningen](#)
Infrastructure drawings with available stabling yards and associated facilities
16. [Lijst van Verkortingen \(BID00011\)](#)
List of Abbreviations (BID00011)
17. [Lokale bijzonderheden](#)
Local particulars
18. [Memo TvV pilot TTR in jaardienst 2023](#)

Memo TvV pilot TTR in Timetable 2023

19. [Middellangetermijnproces \(MLT\)](#)
Medium-term process (MLT)
20. [Normtijden Botlek Theemsweg-Merseyweg](#)
Standard times Botlek Theemsweg-Merseyweg
21. [Omgevingsvergunningen en -meldingen Milieu](#)
Environmental permits and reports
22. [Overzicht Functionaliteitswijzigingen en Indienststellingsdata infraprojecten](#)
Overview of function changes and commissioning dates for infrastructure projects
23. [Overzicht Niet-Centraal Bediende Gebieden \(NCBG\)](#)
Overview locally controlled areas (NCBG)
24. [Perron- en spoorlengten](#)
Platform and track lengths
25. [Plaatselijke regelgeving / regelingen voor het gebruik van niet-centraal bediende baanvakken](#)
Local rules / regulations for the use of locally controlled route sections
26. [Plannormen Dienstregeling 2023](#)
Planning norms Timetable 2023
27. [Procedure herverdelen](#)
Reallocation procedure
28. [Procedure voor het uitvoeren van noodherstel aan spoorvoertuigen op de hoofdspoorweginfrastructuur](#)
Procedure for carrying out emergency repairs to railway vehicles on the main railway network
29. [Procedure vrijstelling taalniveau B1 voor machinisten op grensoverschrijdende baanvakken](#)
Procedure for exemption of language level B1 for train drivers on cross-border route sections
30. [Procedureboek Capaciteit voor Beheer](#)
Capacity for management procedure book
31. [Randvoorwaarden langere treinen via Venlo](#)
Preconditions for longer trains via Venlo
32. [Reparatiesporen](#)
Repair tracks
33. [Richtlijnen gedragsregels op spoorwegterreinen RLN00300-V013](#)
Guidelines for behaviour on railway yards RLN00300-V013
34. [Risicomodel Perronveiligheid](#)
Platform safety risk model
35. [Startdocument jaardienstverdeling 24 x 7 patroonplanning](#)
Start document timetabling 24 x 7 pattern planning
36. [TijdRuimteSlots \(TRS\) Afrekeningsporen](#)
TimeSpaceSlots (TSS) Settlement tracks

Appendix 7 Operating licences and transport market access (section 3.2.3)

Operating licences

On grounds of the Railways Act, only undertakings in possession of a valid operating licence can make use of the main railway network.¹⁸² Depending on the nature of the operating activities of the railway undertaking in question, certain requirements may or may not be deemed applicable, as set out in the table below.

Type of operating licence	Applicable requirements in terms of:		
	expertise requirements	reputation requirements	creditworthiness
Operating licence in the sense of Directive 2012/34/EU, Chapter III	yes	yes	yes
Limited operating licence exclusively for: <ul style="list-style-type: none"> shunting work, or performing own transport, or traffic participation without transport activities 	yes	no	no
Limited operating licence exclusively for: <ul style="list-style-type: none"> use of main-line railway for station facilities only or exchange facilities within the boundary of a railway yard, or use of a decommissioned main-line railway with self-propelled equipment or other comparable railway vehicle to carry out work on or near the main railway network 	no	no	no

Transport licence

By law, market access regulations apply to the provision and delivery of transport services by rail.

These provisions are summarised below per transport market segment. In view of the geographical location of the Netherlands, cross-border transport is limited to transport to/from other EU Member States or countries that comply with EU regulations and are connected to the European rail network.

a. Public transport:

- Public passenger transport with trains exclusively stopping at stations in the Netherlands:
 - Transport concession pursuant to Passenger Transport Act 2000, whereby the right to provide transport services is limited to the transport services described in the concession.
- Public transport by train, by a passenger transport service that does not form part of a concession as referred to in Section 20(1) and (4) of the Passenger Transport Act 2000:
 - The railway undertaking shall no later than eighteen months before the start of the timetable year in which the transport will commence notify the Consumer & Market Authority (ACM) and ProRail of its intention to request capacity for transport; this duty of notification also applies to changes in transport.
 - The right of access to the railway infrastructure may be restricted for passenger transport between a given point of departure and a given destination when:
 - One or more concessions have been granted for the same route or for an alternative route, and
 - The exercise of the right of access would compromise the economic equilibrium of the concession or concessions in question.
 - The international passenger service can be excluded or limited if the ACM, pursuant to Implementing Regulation (EU) no. 869/2014, decides on handling the application that the

¹⁸² Section 27(2)(a) Railways Act.

transport service would compromise the economic equilibrium of transport services provided under a concession in the sense of Section 20(1) or (4) Passenger Transport Act 2000.

- b. Passenger transport, other than public transport under a regular timetable:
 - Open market access, no restrictions for transport between stations in the Netherlands or cross-border transport to/from one or more stations in the Netherlands.
- c. Freight transport:
 - Domestic and cross-border freight transport: open market access, without restrictions.
- d. Non-carrying rail traffic (trial runs, empty railway vehicle movements, etc.):
 - Open market access, without restrictions.

Appendix 8 Provision of data and reports (section 2.3.9 and 3.4.6)

1 Delivery application

For the benefit of optimal cooperation between ProRail and the railway undertaking, ProRail offers applications that ensure that the delivery is geared to ProRail's information needs.

2 Reports

In order to comply with statutory obligations and to implement the management concession, ProRail draws up reports of noise emissions and the external safety risks related to use of the railway infrastructure. In addition, ProRail requires transport information from the railway undertaking in the context of the assessment of transfer safety. Railway undertakings shall to this end provide ProRail with information relating to their operational activities. The required information is further described in section 2.1 of this appendix.

To limit the administrative burden on railway undertakings, ProRail will in drawing up the reports make as much use as possible of information that has already been collected and stored in ProRail systems for other purposes. ProRail will only submit a separate supplementary request to the railway undertakings for provision of information that ProRail has not been able to collect itself.

ProRail will in all cases that concern reports prescribed by law, and in those cases that ProRail cannot provide the necessary information, request the railway undertakings to provide the correct or supplementary information. The railway undertaking shall within the set response time provide the requested supplements and corrections thereby enabling ProRail and the railway undertaking to fulfil the obligations described by law or the permits.

Section 2.2 of this appendix describes the information on types of railway vehicles that railway undertakings must provide to ProRail.

2.1 Reports on external safety, noise emissions and transport data

The reports and transport data to be provided by railway undertakings to ProRail will comprise:

1. reports with regard to external safety risks on route sections
2. reports with regard to external safety risks at railway yards (standard situation)
3. reports with regard to external safety risks at railway yards (exceptional situation)
4. reports with regard to noise emissions on route sections
5. reports with regard to noise emissions at railway yards (exceptional situation)
6. transport information per station relationship
7. transport information per train

2.1.1 External safety on route sections

In drawing up the periodic reports with regard to the external safety relating to the transport of dangerous goods on route sections, ProRail makes use of the information provided by the railway undertakings via the WLIS system (wagon load information system) as part of their obligations under Section 4 Rail Traffic Decree.

In the report, ProRail will use classifications according to risk categories in accordance with classifications in the Regulations governing the international carriage of dangerous goods by rail (RID).

2.1.2 External safety on railway yards (standard situation)

Railway yards that according to current environmental permits are authorised to handle shipments of dangerous goods are subject to an annual reporting obligation. In drawing up these reports, ProRail

uses information provided by the railway undertaking via the WLIS system as part of their obligations under Section 16(1) Rail Traffic Decree.

ProRail may request railway undertakings to provide specific supplementary information regarding operations performed per railway yard per year:

- Shunting movements: the number of tank wagons/containers involved in shunting operations (separation/coupling of train sets, travel at railway yards).
- Stabling: the number of wagons/containers stabled at railway yards.

The process below applies to requests for supplementary information.

- ProRail will provide railway undertakings that, according to the registrations in WLIS, perform arrival and/or departure operations involving trains with wagons/containers loaded with dangerous goods with a specification of the number of loaded wagons/containers with dangerous goods forming part of their trains arriving at or departing from the railway yard in question. The railway undertaking is required - following any corrections or supplements - to complete the statement with information on the operations.
- In this statement, ProRail will use classifications according to risk categories in accordance with classifications in the Regulations governing the international carriage of dangerous goods by rail (RID).
- The railway undertaking will organise its operating processes in such a manner that the requested information can be provided.
- The railway undertaking will deliver this information within one month of ProRail making the statement available.

2.1.3 External safety on railway yards (exceptional situation)

For a number of railway yards, stricter reports have been prescribed in the environmental permit. Supplementary requirements may be to those railway yards. Further information on the obligations applicable at railway yards where a deviating report is prescribed is available on the [ProRail Logistics Portal](#).

2.1.4 Noise emissions by rail traffic on route sections

ProRail shall each calendar year submit a compliance report to the Minister of Infrastructure and Water Management regarding compliance with statutory noise limits. ProRail is moreover required under the terms of the Management Concession to prepare a 5-yearly Noise Map for the Minister. To fulfil these obligations, ProRail requires data from railway undertakings on the average realised running and composition of trains during the day, evening and night periods in the calendar year. ProRail will, at the request of the railway undertakings, strive to acquire as much of this data as possible from its own systems. The railway undertakings are responsible for the data.

2.1.5 Noise emissions by rail traffic (shunting) at railway yards (exceptional situation)

A specific reporting obligation is stated in the environmental permit for Oss – Elzenburg railway yard. The railway undertaking shall keep records of all shunting movements.

2.1.6 Transport information per station relationship

ProRail is responsible for the management of the main railway network and handles related capacity assessment, design and investment issues. In order to perform these tasks, ProRail requires transport data in the form of station relationship matrices. Further agreements on the form in which this information is provided to ProRail can be made in the Access Agreement.

2.1.7 Transport information per train

ProRail is responsible for transfer safety on the main railway network. In order to assess the safety risks for passengers on platforms, ProRail requires information about the number of boarding and disembarking passengers at each station and platform, preferably per individual train and enriched with information about railway vehicles and time. Further agreements on the form in which this information is provided to ProRail can be made in the Access Agreement.

2.1.8 User information Kijfhoek shunting hump

ProRail is responsible for the efficient use of (scarce) infrastructure. In order to assess the efficient and effective use of the Kijfhoek shunting hump, ProRail requires information about the manner and intensity of the use of the infrastructure that is part of the shunting hump. This also applies to the use of splitting tracks, without making use of the shunting hump functionality. It is up to the users of the shunting hump to provide this information. In addition, providers of regulated rail services at the shunting hump (see section 7.3.5.2.2, part 5.1 Legal requirements) must report transparently on the degree to which customers' requests are accepted in accordance with the request and are implemented. Further agreements on the form in which this information is provided to ProRail can be made in the Access Agreement.

2.2 Reports on passenger railway vehicles and locomotives

The reports on passenger railway vehicles and locomotives provided by the railway undertakings to ProRail will include the particulars of vehicle types being used on the railway infrastructure managed by ProRail, as well as the particulars of overhauled vehicle types of which the (original) particulars have changed.

The [ProRail Logistics Portal](#) includes a form specifying the data to be provided (Railway vehicle characteristics form, version 2 dated 12/12/14). This concerns information for:

1. *Capacity allocation systems*

The capacity allocation systems make use of a railway vehicle database. The railway vehicle database is also used for the calculation of running times. In the absence of such information, a railway undertaking may request the use of data already available in the railway vehicle database. ProRail will, if possible, comply with such a request, whereby any damage, either tangible or intangible, resulting from the use of these data will be at the expense and risk of the railway undertaking concerned. The data must be submitted at least six months before the railway vehicles are put into service.

2. *Analysis of the tractive power supply system*

The tractive power supply system shall be suitable for railway vehicles powered by electricity. To this end, analyses are carried out whereby the specifications of these railway vehicles are required. The data must be submitted at least six months before the railway vehicles are put into service.

3. *Control of noise emissions*

When new or overhauled passenger railway vehicles or locomotives are granted access to the main railway network in the Netherlands, the railway undertakings operating these railway vehicles will provide ProRail with noise emission data on these railway vehicles within three months of taking them into use. This applies:

- to railway vehicles for which no type approval and admissions certificate has been issued on 1 January 2008, and
- to railway vehicles to which after 1 January 2008 physical changes have been made with significant consequences in terms of noise emissions.

In case of passenger railway vehicles and locomotives used on the open track, the emission data shall be gathered and reported in accordance with Procedure A of the CROW publication Technical Regulation Emission Methods 2006.¹⁸³

¹⁸³ Reference to this publication is made by Appendix IV of the Rail Traffic Noise Calculation & Measurement Regulations 2012.

As regards passenger railway vehicles and locomotives used on railway and/or shunting yards, the emission data shall be gathered and reported in accordance with the Measurement Protocol Railway Yards version 10/11/2005 drawn up by TNO on the instructions of ProRail.¹⁸⁴ In deviation from the data to be provided as described in Chapter 7 of the Measurement Protocol Railway Yards, measurements are not required for the aspects 'Braking to standstill' and 'Curve noise in points'. Standard values are used for these sources, based on measurements on various railway vehicle types. Data about new and modified railway vehicles can be sent by mail to accountmanagement@prorail.nl.

3 Capacity requests Kijfhoek railway yard

When submitting a capacity application for the Kijfhoek railway yard and the Kijfhoek shunting hump, the titleholder shall provide the following specific information:

The complete logistics plan for the use of the Kijfhoek shunting hump (or a change thereto in the ad hoc phase) that is to be offered to the market and for which capacity is also requested for running trains on the network, broken down into feeder trains (from and to customers) and line-haul trains (direct connections between Kijfhoek and (foreign) sorting stations, railway yards and other destinations). The request for capacity to use the hump system in combination with the use of the splitting tracks should be made in the form of an integral capacity request, which includes a request for the use of arrival tracks, hump tracks, splitting tracks and possibly departure tracks.

In addition to the above information, a number of details at train level shall be provided with an application.

With regard to arrival trains:

- The connections schedule desired (at least four hours) - and the associated departure trains.
- For each connections schedule, the possibility to shift either arrival or departure train.
- Possible alternative connections schedules if departure trains are full or if arrival trains are delayed.

With regard to departure trains:

- The customer destinations and/or wagon groups.
- A specification of any required fine sorting:
 - By wagon type
 - and/or RID class
 - and/or required empty or loaded wagons
 - and/or different customer destinations
- A report whether the train is composed BLEVE-free¹⁸⁵ or not.

ProRail needs the above information in order to draw up a basic plan, to be able to plan, allocate and prioritise the Kijfhoek shunting. The allocation of access to the hump system will be laid down in a basic plan, including the required use of the arrival tracks, hump tracks, splitting tracks and departure tracks.

¹⁸⁴ This measurement protocol prescribes that the measurements comply with those stipulated in the Industrial Noise Measurement and Calculation Manual 1999, reference to which is made in the Rail Traffic Noise Calculation & Measurement Regulations 2012.

¹⁸⁵ Boiling Liquid Expanding Vapour Explosion. It is important to prevent explosions as a result of a high-risk combination of dangerous goods in a train.

Appendix 9 Route sections with user restrictions (section 2.4.1)

Stated in this appendix are the route sections on which, in deviation of the interoperability principle, a certain type of traffic or transport is excluded. Additionally, the use of route sections may also be subject to other restrictions not stated in this appendix, such as speed restrictions or restrictions in choice of route, which are however not of an exhaustive nature. ProRail will on request provide railway undertakings with further information on all current functional/capacity restrictions on the use of route sections and railway yards.

No.	Route section	Structure	User restriction
1	Riekerpolder Aansluiting – Hoofddorp	Schipholspoortunnel	Local restriction on freight transport: Freight transport is not permitted, with the exception of work and maintenance trains.
2	Den Haag Moerwijk – Delft Aansluiting	Spoortunnel Rijswijk	Local restriction on freight transport: no transport of dangerous goods permitted. Exception: the transport of batteries to and from the Leidschendam-Voorburg workshop is permitted.
3	Barendrecht Aansluiting – Kijfhoek Aansluiting Noord	Freight tracks (BE, CE and DE) in Barendrecht underpass	Passenger transport is not permitted.
4	Valburg – Nijmegen Betuweroute	Track in connecting curve near Elst direction Nijmegen (return)	Maximum train length including locomotive 513m.
5	Rotterdam Lombardijen – Kijfhoek Aansluiting Noord	Passenger tracks (HJ, JJ, KJ and LJ) in Barendrecht underpass	Tracks to be used exclusively by trains for: <ul style="list-style-type: none"> passenger transport transfer of empty passenger railway vehicles light locomotive runs transfer of maintenance machines (without freight wagons) measurement journeys work trains for local work
6	Wierden – Raalte	Spoortunnel Nijverdal	Local restriction on freight transport: freight transport not permitted, with the exception of trains for the management and maintenance of the Wierden – Raalte route section, including the supply and removal of required railway vehicles and materials.

Passenger transport restrictions

The route sections below can be used for trains offering (private) passenger transport only after consultation with ProRail, see section 2.4.1.

Railways between the locations	Railways at the following locations
Haren – Waterhuizen	Haven van Amsterdam, Westelijk havengebied
Amersfoort – Leusden	Haven van Amsterdam, Hemhaven
Nootdorp – Leidschendam werkplaats	Haven van Amsterdam, Houtrakpolder
Lage Zwaluwe – Moerdijk	Utrecht, Industrierrein Lage Weide
Lage Zwaluwe – Oosterhout Weststad	Delfzijl, stamlijn Havenschap
Lewedorp – Sloehaven	Dordrecht, Zeehaven
Terneuzen – Sas van Gent Grens	Dordrecht, De Staart
Terneuzen Aansluiting – Axel Aansluiting	Maastricht, Beatrixhaven
Sluiskil Aansluiting – Sluiskil	Eemshaven Industrie
Weert – Budel Grens	Vlissingen, Sloehaven
Sittard – Born	Zwijndrecht, Groote Lindt
Maasvlakte – Kijfhoek (forming part of the Havenspoorlijn)	Roosendaal, Industrierrein
Kijfhoek – Zevenaar (A15 route)*	Alphen aan den Rijn, Industrierrein Rijnhaven
	Tilburg, Loven
	Venlo, Tradeport
	Almelo, Bedrijvenpark Twente
	Oss Elzenburg

* This prior consultation does not apply to international passenger transport, such as ICE and night trains to the extent permitted, on the A15 route section between Meteren and Elst (return) in the event of planned work and in the event of emergencies on the Utrecht - Arnhem route section (return) that are rerouted, whether or not planned.

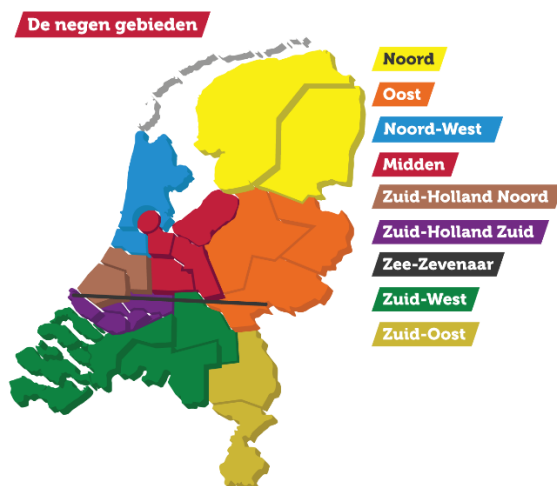
It is not permitted on the railway yards on the Betuweroute (A15 route and Havenspoorlijn) to let passengers board and disembark unless evacuation is necessary in the context of incident response (fire in train and/or stranded train).

Appendix 10 Infrastructure projects and studies (section 2.6.2)

This appendix consists of three parts:

1. Infrastructure projects

The infrastructure projects involve extensions or improvements of the railway infrastructure that are expected to become available for use in the period up to and including 2032. There are nine areas and the projects are classified by area (unless they are national projects), see image below.



Column headers in the tables of the infrastructure projects have the meaning below.

- description: list of projects sorted according to corridors
- realisation approval: realisation budget made available
- planned date: originally planned commissioning date (ready for operation)
- revised date: if applicable, a revised planned commissioning date (ready for operation)
- commissioning feasibility: the probability of realising the planned commissioning date, making use of the probability statuses below.
 - Uncertain : 50% to 80%
 - Probable : 80% to 95%
 - Certain : from 95%

Information on the list is subject to change.

2. Infrastructure studies

The infrastructure studies are study projects that ProRail carries out in order to map out traffic developments in the medium term and the required infrastructure. This is done within the framework of the Infrastructure, Spatial Planning and Transport Multi-Year Programme (MIRT) of the Ministry of Infrastructure and Water Management, among other things.

3. Performance of capacity-enhancement plans

Capacity enhancement plans result from infrastructure congestion statements. Provided below is an overview of the congestion statements and the resulting measures. Titles in the table have the meaning below.

- Bottleneck: the cause of the congestion statement.
- Measure: a description of the measure included in the capacity-enhancement plan.
- Status: the project phase of the measure.
- Ready for operation: the date on which the measure, according to current insight, is ready for operation.

Where it is ascertained that the bottleneck is removed within a current project, the status and the ready for operation date are indicated for the project.

The congestion statements are available on the [ProRail website](#).

1 Infrastructure projects

List of planning dates function changes infrastructure projects to end 2032				
Description	Realisation approval	Planned date	Revised date	Commissioning feasibility
Area: National				
<ul style="list-style-type: none"> ▪ ATB-vv Tranche 5 – contractual scope, all sites completed. ▪ Additional scope (Moerdijkbrug). 	Yes	30-09-2021 Q1 2022		Certain
Digitaal Railway Crossing Signalling System (DOSS). The roll-out of DOSS has been divided into two lots (North and South)	No	01-05-2023		Probable
Railway yards improved.	Yes	02-01-2022		
ERTMS Kijfhoek – Belgian border.	Yes	25-05-2027		
Emmen Zuid: second platform and track doubling.		11-04-2022		Certain
Gorinchem: accessibility and P76. At Gorinchem station, the central platform has been removed and a new side platform has been constructed at P76.	Yes	04-10-2021		Certain
Securing not actively secured railway crossings (NABO-Program): municipality of Midden Drenthe - Wijster.	Yes	21-11-2021		Certain
Nijmegen integral (Program for High-Frequency Railway PHS Nijmegen): adapting the layout of the tracks on the north side, creating an additional island platform, expanding stabling capacity at the Nijmegen Freight yard and resolving transfer bottlenecks.	No	Q3 2022		Uncertain
Upgrade railway yards, tranche 2/3: at a few locations work is still being carried out on the remaining points, Hoofddorp stabling (light) and footpath (medium), Waalhaven-Oost en Blerick (depot feed) do not yet have a commissioning date.	Yes	Unknown, except for Hoofddorp stabling yard: March 2022		Uncertain
Substation Bussum (High-Frequency Railway Program PHS).	No	24-03-2023	28-08-2023	Uncertain
Area: North				
Beilen: new substation medium term (MLT).	No	05-05-2023	01-01-2024	Probable
Onnen: new substation medium term (MLT).	No	23-06-2023		Probable
Onnen Zuid: congestion statement measures Groningen - Zwolle.	Yes	12-05-2022		Certain
Superstructure renewal Drenthe 2023 including change of function.	Yes	27-10-2023		Certain
Superstructure renewal Wadden 2022 including change of function.	Yes	21-11-2022		Certain
Veendam-Stadskanaal: reactivation of railway line (on hold).	No	07-04-2028		Uncertain
Groningen - Bremen (Wunderline): reducing travel time between Groningen and Bremen. Various aanpassingen aan de spoorinfrastructuur tussen Groningen en grens.	No	12-12-2024		Uncertain
Spoorzone Hogeveen.	Yes	16-05-2022		Certain
Dalfsen: underpass Hessenweg (N340).	Yes	07-12-2023		Uncertain
Tunnel Alliance Suikerunie terrain.	No	17-04-2023		Probable

List of planning dates function changes infrastructure projects to end 2032

Description	Realisation approval	Planned date	Revised date	Commissioning feasibility
Securing not actively secured railway crossings (NABO-Program): Station level crossings.	No	01-06-2023		Probable
Bedum: underpass on ring road.	Yes	06-04-2023		Probable
Winsum: underpass connection N361.	Yes	02-02-2023		Probable
Leeuwarden: renovation of platform roof.	Yes	22-10-2019	December 2023	Probable
Leeuwarden: realization simultaneity.	No			
ERTMS Northern lines: planning study.	No	31-08-2028		Uncertain
Improvement railway yards at national level (customer requests from NS Reizigers).	Yes	02-01-2022		
Area: East				
Enschede: strengthen substation medium term (MLT).	Yes	10-04-2022		Certain
Wierden: new substation medium term (MLT).	No	29-03-2023	01-08-2023	Probable
Nijmegen Heyendaal: renovation of the station in order to increase the transfer capacity.	No	22-12-23	22-12-2024	Probable
Arnhem-Nijmegen: signal optimisation.		14-03-2028		
Amersfoort: widening viaducts for the widening of the A1/A28 motorway (Rijkswaterstaat).		23-11-2027		
Province of Gelderland Regio Expres Achterhoek.		24-10-2027		Uncertain
Spoorzone Ede.	Yes	10-12-2022		Uncertain
Rheden: railway crossings measures and underpasses Lentsesteeg (NaNOV).		03-04-2022		Uncertain
Arnhem: platform phasing on track 4a/4b.	Yes	30-08-2023		Certain
Servicing and Stabling Program Nijmegen.	No	28-12-2022		Uncertain
Nijmegen: work pits track 9.	Yes	22-11-2021	02-02-2022	Probable
Arnhem Schuytgraaf Noord noise barriers.	Yes	03-03-2022	03-06-2022	Probable
Nijmegen Waalsprong: installation of rail dampers and construction of noise barriers.	No	17-05-2022	17-09-2023	Uncertain
Wolfheze: underpass.	No	28-08-2024	28-08-2025	Uncertain
Valleilijn: capacity bottleneck full trains.	Yes	31-05-2022		Probable
Dieren: installation of rail dampers.	No	11-09-2023		Probable
Securing not actively secured railway crossings (NABO-Program) in the municipality of Lochem.	No	31-10-2023		
't Harde: increase safety of island platform.	No	Unknown		
Area: North-West				
Krommenie-Assendelft: Kreekrijk, construction of noise barrier.	Yes	25-03-2022		Probable
Securing not actively secured railway crossings (NABO-Program) in the municipality Obdam: securing stations level crossing Obdam.	Yes	18-03-2022		Probable
Hoofddorp (PHS SAAL: High-Frequency Railway Program Schiphol-Amsterdam-Almere-Lelystad): Hoofddorp-Centre for the purpose of simultaneity (intervention measures).	No	27-08-2026		Uncertain
Hoofddorp stabling yard: capacity expansion (small infra).	No	03-12-2024		Certain

List of planning dates function changes infrastructure projects to end 2032

Description	Realisation approval	Planned date	Revised date	Commissioning feasibility
Reconstruction Haarlem (previously: removal of twenty switch points at Haarlem, change of function and restoration of function).	Nee	2025		Uncertain
Substation Hoorn.	No	09-01-2023	30-06-2023	Probable
Heiloo: remediation of rail traffic noise.	Yes	09-04-2024		Probable
Hoofddorp: adjusting the railway yard.	Yes	21-03-2022		
As part of PHS Alkmaar-Amsterdam (High-Frequency Railway Program), the following activities will be carried out: 1. Stabling yard Heerhugowaard 2. Uitgeest - The construction of a traverse - The adaptation of tracks - An extra platform - Various mitigating measures such as noise measures and nature compensation 3. Various crossing adjustments 4. The redesign of the Alkmaar railway yard.	No	20-09-2026	1: 02-07-2026 2: 20-09-2026 3: part nr. 2 4: not yet planned.	Uncertain
Reconstruction substations and switching stations Purmerend-Enkhuizen 2023.	No			
Area: Central				
Achterberg: new substation.	No	01-04-2023	01-05-2023	Probable
Airport Sprinter Infra measures: platform extension at Almere Buiten.	Yes	5-12-2022		Certain
Airport Sprinter Infra maatregelen: overflow switches near Amsterdam Zuid.	Yes	14-12-2022		Certain
Aziëhaven: realisation of an extra (fourth) siding on the Aziëhaven railway yard.	No	27-08-2024	18-10-2024	Probable
Superstructure renewal Watergraafsmeer 2023 – including the removal of various switch points.	No	20-12-2023	20-12-2024	Probable
Superstructure renewal Westhaven and Watergraafsmeer 2022 - including the removal of various switch points.	Yes	10-10-2022		Certain
Almere Oostvaarders: switch points (PHS SAAL: High-Frequency Railway Program Schiphol-Amsterdam-Almere-Lelystad).	Yes	5-12-2023		Certain
Reversing facility in Keverdijk en Muiderberg (PHS SAAL: High-Frequency Railway Program Schiphol-Amsterdam-Almere-Lelystad).	No	18-02-2026		Probable
TROP (Traject Oost Peloton) Maarsbergen 2B: concerns three projects to compensate for the discontinuation of the HSL-Oost project. Part of the project has already been completed.	No	01-03-2026	31-05-2026	Uncertain
Watergraafsmeer Centrally Controlled Area: conversion of an insecure area into a secured area by installing signals and axle counters, among other things.	No	31-05-2024	13-05-2025	Probable
Watergraafsmeer Centrally Controlled Area: conversion of an insecure area into a secured area by installing signals and axle counters, among other things.	No	14-11-2024	24-10-2025	Probable

List of planning dates function changes infrastructure projects to end 2032

Description	Realisation approval	Planned date	Revised date	Commissioning feasibility
Watergraafsmeer Centrally Controlled Area: conversion of an insecure area into a secured area by installing signals and axle counters, among other things.	No	04-11-2024	14-10-2025	Probable
High-Frequency Railway Program (PHS) Amsterdam Central Station.	No	05-04-2030		
Watergraafsmeer: noise measures.	Partially (for rail dampers: Yes, for noise barriers: No)	14-11-2023	2025 of 2026	Uncertain
Watergraafsmeer: switc point east side.	Ja	09-12-2022		Probable
Weesp: infralay-out of six tracks (PHS SAAL: High-Frequency Railway Program Schiphol-Amsterdam-Almere-Lelystad).	No	10-12-2027		Probable
High-Frequency Railway Program (PHS) - substation Driebergen Austerlitz.	Yes	31-03-2022	30-06-2022	Probable
Almere Oostvaarders: switch points (PHS SAAL: High-Frequency Railway Program Schiphol-Amsterdam-Almere-Lelystad).	Yes	05-12-2023		
Zuidasdok - Terminal 1: Construction of the Brittenpassage - Terminal 2: Widening the Minervapassage and platforms with a temporary western stop	Yes Yes (except for temporary situation) Yes	2025 2028 2032		Certain Probable Probable
Multimodal hub Schiphol - Adjusting rising points Plaza - Construction of new bus rising points	Yes No	Jan. 2023 - Feb. 2024 2025		Certain Uncertain
High-Frequency Railway Program (PHS) Sloterdijk – Haarlem Corridor.	Yes	Okt. 2022		Certain
High-Frequency Railway Program (PHS) Sloterdijk – Alkmaar Corridor.	No	2026	2028-2032	Probable
Bajeskwartier: noise measures.	No	Q3 2022	Q1 2023	Probable
Sloterdijk Zuid: noise measures.	No	Q2 2025		Uncertain
Utrecht: modification railway crossing Burgemeester Reigerstraat.	No	29-12-2021	28-03-2022	Probable
Utrecht: transfer bottleneck platform 3 side of track 5.	No	Q3 2024		Probable
Hilversum: renewal substation.	Yes	19-10-2022	02-03-2023	Uncertain
Area: Zuid-Holland North				
Alphen a/d Rijn Laan der Continenten.	No	31-3-2023		Uncertain
Den Haag CS: reconstruction of the railway yard.	Yes	30-10-2025		
Widening of A4 motorway - Haaglanden/Burgerveen.		30-10-2028		
Rijswijk-Delft, Spoorzone Delft.		Juni 2022		Uncertain
High-Frequency Railway Program (PHS) Rijswijk – Rotterdam.	Yes	01-10-2024	14-08-2024	Uncertain

List of planning dates function changes infrastructure projects to end 2032

Description	Realisation approval	Planned date	Revised date	Commissioning feasibility
Area: Zuid-Holland South				
Dordrecht Zuid Upgrade: renovation and widening of the platforms, renovation of the catenary grants and placing them outside the danger zone, new platform furniture	Yes	Maart 2023		Probable
Rotterdam North Freight: Servicing and Stabling Program.	No	December 2024	December 2025	Uncertain
740m Freight trains waiting track Rotterdam North Freight.	No	December 2025		Uncertain
Area: Zee-Zevenaar				
Kijfhoek: replacement hump system and hump tracks.	Yes	Q4 2024		Probable
Kijfhoek: construction of emergency routes.	Yes	Q4 2024		Probable
Waalhaven Zuid: fire extinguishing facility.		Mei 2022		Certain
Zee to Zevenaar: superstructure renewal 2019-2022.	Yes	December 2022		
Rotterdam Port Area: fire fighting facilities at four railway yards.		December 2022		Probable
Maasvlakte CER: railway interfaces.		Oktober 2022		
Maasvlakte Zuid / C2 bend.		29-12-2040		Certain
Area: South-West				
Langeweg Breda: strengthen substation medium term termijn (MLT).	No	27-10-2022	01-10-2023	Probable
Project Zuidwestboog Meteren: realisation of a railway arch for freight transport to and from the Betuweroute near Meteren.	Yes	15-01-2029		Probable
Project Roosendaal-Essen Border crossing: a limited modification whereby some Belgian ERTMS components will be installed on Dutch territory.	Yes	19-12-2021		Certain
Tilburg: functional extension of track 202A. 203 including overhead wires 60 metres.	No	Q3 2023		Uncertain
Tilburg Loven: adjusting actual situation.	Yes	24-12-2021	28-02-2022	Probable
Superstructure renewal Liempde 2021	Yes	25-08-2022		Certain
Strengthen tractive power supply (TEV) in Boxtel and Liempde (Brabantroute II)	Yes	16-02-2023		Uncertain
Strengthen tractive power supply (TEV) in Eindhoven - Culemborg - A2 corridor (Brabant route).	No	01-12-2023		Uncertain
Strengthen tractive power supply (TEV) Boxtel - Lage Zwaluwe (Brabant route V).	No	01-01-2024		Uncertain
Boxtel: railway crossing at the Tongersestraat (High-Frequency Railway Program (PHS)).		28-10-2026		Uncertain
Moerdijk: reconstruction of the Middenweg railway crossings.	Yes	15-02-2022		Certain
Tilburg-Berkel Enschoot: noise barrier at Koningsoord.	Yes	19-12-2021		Certain
Boxtel: connecting road Ladonk Kapelweg (D'Ekker, Kapelweg, Bakhuisdreef).		31-12-2024		Uncertain
Moerdijk: capacity expansion of railway yard.		April 2022		Probable
Railway area Geldermalsen.	Yes	28-12-2021		Probable
Den Bosch: Servicing and Stabling Program.		8-11-2021	12-2-2023	Probable

List of planning dates function changes infrastructure projects to end 2032

Description	Realisation approval	Planned date	Revised date	Commissioning feasibility
Tilburg: 4 th platform track and extra platform.	Yes	01-12-2023		Probable
Tilburg: renovation of platform 1 (including replacing te asphalt floor).		16-10-2023		Probable
Den Bosch: transfer.	Yes	1-12-2023		Probable
Vlissingen: railway crossing at the Finlandweg.	No	24-02-2023		Uncertain
Removing various tracks and switch points PGO Zeeland, various locations.	Yes	18-12-2022		
Removing various tracks and switch points PGO Zeeland, various locations.	Yes	16-09-2023		
Sloe: electrification of stabling tracks (High-Frequency Railway Program (PHS))	Yes	24-11-2023		
Den Bosch – Vught: four-tracks operation and free crossing.	No	01-09-2028	01-09-2029	Uncertain
Area: South-East				
Eindhoven, expansion of stabling capacity passenger railway vehicles (M2)	Yes	31-10-2022	26-10-2022	Probable
Maastricht: strengthen substation medium term (MLT).	No	05-12-2022	01-08-2023	Probable
Schin op Geul: new substation medium term (MLT).	No	29-07-2023	23-07-2023	Probable
Strengthen tractive power supply in Eindhoven and Venlo (Brabant route III).	No	30-03-2023	01-12-2023	Uncertain
International intercity Eindhoven – Düsseldorf.	No	12-12-2025		
Venlo: the Vierpaardjes railway crossing will be replaced by a combined underpass (National Improvement Programme Railway Crossings).	No	19-05-2024		Probable
Sittard-Geleen: two level crossings Raadskuilderweg / Lintjesweg are replaced by bicycle tunnels.	Yes	04-01-2022		Certain
Heerlen – Landgraaf: Track doubling.	Yes	09-06-2022		Certain
Deurne: underpass Binderendreef.	Yes	08-06-2023		Uncertain
Electrification and upgrading Maaslijn (Nijmegen - Roermond)	No	December 2024		Uncertain

2 Infrastructure studies

ProRail makes an inventory of potential future capacity bottlenecks on the main railway network and performs studies that result in proposals to prevent congestion in the future. This activity ensues from the Management Concession, which states: 'Included under this care is the preparation and performance of the expansion of the main railway network.¹⁸⁶'

MIRT studies

For an overview of current studies commissioned by the Ministry of Infrastructure and Water Management within the framework of the Multi-year Programme on Infrastructure and Transport (MIRT), refer to the [MIRT- Overview 2021](#), the annual explanatory notes to the budget of the Ministry of Infrastructure and Public Works.

High Frequency Rail Transport Programme (PHS)

ProRail is developing plan detail studies for the High Frequency Rail Transport Programme, divided into seven corridors

1. Alkmaar – Amsterdam

¹⁸⁶ Article 2(2) Management Concession 2015 - 2025.

2. Amsterdam – Eindhoven
3. Schiphol – Nijmegen
4. Den Haag – Breda
5. Breda - Eindhoven
6. Schiphol – Amsterdam – Almere – Lelystad (SAAL)
7. Goederen Zuid Nederland (Meteren – Vught)

A number of infrastructure projects are being developed under these corridors. The planned realisation dates of these infrastructure projects can be found in the List of planning dates function changes infrastructure projects in item 1 of this appendix.

Noord-Nederland Programme

The Noord-Nederland Programme provides improved rail transport on various lines and locations. Many of the ambitions have since been realised and the programme is slowly moving towards completion. The new Eemshaven station, the rush-hour shuttle Assen - Groningen, the extra sprinter Leeuwarden - Meppel and the new De Vork stabling yard in Groningen are all projects that have been realised before 2020. The extra express train Groningen - Leeuwarden (ESGL), the express train Groningen - Winschoten and the extra express train Leeuwarden - Sneek were added in the 2021 timetable.

In 2021 and beyond, this will be followed by the doubling of the track between Zwolle and Herfte (and continuation of the SPR Leeuwarden - Meppel to Zwolle), the new main station in Groningen, the acceleration from 80 to 140 km/h in the curve near Hoozeveen and the conversion of the railway yard in Leeuwarden. Further in the future, a new international connection to Bremen (after restoration of the Wunderline to Leer) and the inclusion of Veendam - Stadskanaal in the regular passenger service will be considered.

All these modifications are necessary to increase capacity on the railways, offering more travel possibilities and higher and more robust frequencies. This will make connections both within the Northern Netherlands and to the Randstad conurbation faster and more reliable. The Noord Nederland Programme has an investment volume of approximately € 1 billion (via various financing flows) of which around three quarters is currently under implementation.

ERTMS

Programme Decision

On 17 May 2019, the Programme Decision was presented to the House of Representatives (House of Representatives letter ERTMS Programme Decision of 17 May 2019, reference: IENW/BSK-2019/105737). The programme decision thus follows the ERTMS preference decision (Parliamentary Papers II 2013/14, 33 652, no. 14). The Railmap 4.0 (version 8.0, of 3 May 2019, reference VP20160087-321753119-104) attached to the Programme Decision summarizes the underlying file and describes what the ERTMS programme will realize. The Programme Decision describes the replacement of ATB by ERTMS in the period up to and including 2030. This is the first step in the national implementation of ERTMS.

On 20 May 2021, the state secretary expressed her intention to equip the regional lines in the provinces of Groningen and Friesland with ERTMS before 2030, thus expanding the scope of the ERTMS Programme. (Parliamentary Papers 33 652, no. 80).

A number of key points from the Programme Decision are briefly described below. For more (background) information, consult the Railmap 4.0. In addition, up-to-date information on the progress of the ERTMS programme can be found on the website www.ertms.nl. Major changes such as changes in the rollout sequence or rescheduling will be included in the next Network Statement or in supplements to the current Network Statement.

Baseline and Level

For the rollout in the Netherlands it was decided to introduce ERTMS Baseline 3, Release 2 (B3R2), (System Version 2.1 for infrastructure) and Level 2. The specifications for Baseline 3 were adopted by

the European Commission in 2016. The European Commission has undertaken that these specifications will remain unchanged in the coming years and that this version and any changes will remain compatible with older versions. Within Baseline 3, the latest Release 2 adopted by the European Union Agency for Railways (ERA) in 2017 has been chosen for both railway vehicles and infrastructure. This release offers a number of functions that are essential for the busy rail network in the Netherlands, such as the application of GPRS.

ERTMS only in infrastructure and dual deployment of railway vehicles

The route sections from the Programme Decision are provided with ERTMS only. This means that if ERTMS is found to be working properly, ATB will be removed from the track once and for all. From that moment on, only railway vehicles equipped with compatible ERTMS equipment can be run. Drivers must be authorised to operate under ERTMS.

Before a start can be made on converting the railway infrastructure from ATB to ERTMS only, all the railway vehicles that are going to run on these route sections must be equipped with ERTMS equipment. Including an ATB functionality (STM ATB), so that the railway vehicles can run on both ATB and ERTMS route sections during the transition period from ATB to ERTMS.

Nuisance during conversion

Reducing inconvenience during the conversion of existing rail infrastructure and railway vehicles is an important aspect of implementation. However, it is very likely that there will be nuisance to rail traffic. At present, it is not yet possible to say where and when exactly this will be the case.

Rollout scope

The rollout of ERTMS starts with a test route section; the Hanzelijn in combination with the Lelystad railway yard. Subsequently, the following route sections and railway yards will be equipped with ERTMS:

- Kijfhoek-Rosendaal-Belgian border
- Hoofddorp-Duivendrecht
- Rosendaal-'s Hertogenbosch, including Zevenbergschen Hoek-Breda and Tilburg-Boxtel
- OV SAAL east; Lelystad-Weesp-Duivendrecht and Amsterdam-Weesp-Hilversum, building Amsterdam CS railway yard
- Utrecht (excluding Utrecht CS)-Meteren
- Meteren-Eindhoven
- Eindhoven-Venlo-German border

The rollout scope has been determined as shown in the figure below.

Overview route sections Programme Decision

Programma ERTMS incl. Noordelijke Lijnen

Legenda

- Huidige baanvakken met ERTMS
- Voorzien van ERTMS door Programma ERTMS in 2030
- Beproeven en ervaring opdoen



Migration

Migration takes place in ten controlled steps, whereby technology, processes and the human factor are tested in each implementation step. The first eight steps with milestone planning are:

1. Chain management ready for operation	2021-2021
2. Logistics chain ready for operation	2024-2024
3. Passenger railway vehicles converted to ERTMS start commercial deployment with ATB	2022-2023
4. Material converted to ERTMS starts commercial deployment	2022-2023
5. Experience-learning personnel start on harmonised Hanzelijn route section	2022-2023
6. Experience-learning personnel start on harmonised Amsterdam-Utrecht route section	2022-2023

- | | |
|---|-----------|
| 7. Start commercial deployment of equipment with upgrade in operations abroad | 2022-2023 |
| 8. Start commercial validation on Hanzelijn / Lelystad pilot route section | 2026-2026 |

Migration steps 9 and 10 concern the start of commercial operations under Level 2 only on the first two route sections; Kijfhoek-Roosendaal-Belgian border and Hoofddorp-Duivendrecht.

Rollout planning

Deployment planning is as follows:

- | | |
|--|-----------|
| • Kijfhoek-Roosendaal-Belgian border | 2026-2028 |
| • Hoofddorp-Duivendrecht | 2028-2029 |
| • Roosendaal-'s Hertogenbosch, including Zevenbergschen Hoek-Breda and Tilburg-Boxtel | 2028-2030 |
| • OV SAAL east; Lelystad-Weesp-Duivendrecht and Amsterdam-Weesp-Hilversum, excluding Amsterdam CS railway yard | 2027-2029 |
| • Utrecht (excluding Utrecht CS)-Meteren | 2028-2029 |
| • Meteren-Eindhoven | 2030-2031 |
| • Eindhoven-Venlo-German border | 2029-2031 |

At the moment it is not yet possible to indicate the exact dates and locations at which ERTMS will enter service and ATB will be decommissioned. During the course of the Programme this will become more clear and more precise data will be included in the Network Statement.

Developments

The nature, scope and duration of the Programme mean that there will always be uncertainties. The Programme therefore has an adaptive character. This means that new developments, possibilities and opportunities can be responded to flexibly during implementation. For example, it has been investigated whether the Northern lines in Groningen and Friesland can be added to the scope. However, no decision has yet been taken on this.

3 Performance of capacity-enhancement plans

Measure	Status	Ready for operation
Congestion statement 2009 (2010 timetable), entire Waalhaven Zuid railway yard		
<i>Bottleneck:</i>		
<ul style="list-style-type: none"> • Stabling yard for locomotives • Points 207 a/b – 211 a/b (scissor points RSC) 		
Plan study started. Besides railway infrastructure measures, ProRail also looks at process measures (better utilisation)	Development preferred variant 1st phase.	Realisation 2025
Congestion statement 2011/03, Hoofddorp railway yard		
<i>Bottleneck:</i>		
The requested stabling capacity exceeds the available stabling capacity. The capacity enhancement plan proposes the measures below.		
A stabling capacity for 20 wagon units will be realised.	Plan development started.	2024
Congestion statement 2012/03, Leeuwarden station		
<i>Bottleneck:</i>		
NS Reizigers has requested capacity on track 3 to service its trains. Arriva has requested capacity on track 3 for its regular train service. In addition, a frequency increase is being realised between Leeuwarden and Sneek (extra express train), which requires extra platform capacity.		
Realise simultaneousness for platform tracks 1 and 2 so that Arriva no longer needs track 3 for its train service.	Plan development	2023
Congestion statement 2013/03, Route section Zwolle – Herfte connection		
<i>Bottleneck:</i>		
The congestion statement ensues from the capacity requests of Arriva (4x per hour direction Zwolle-Coevorden), NS Reizigers (4x per hour direction Zwolle-Groningen and 2x per hour direction Zwolle-Leeuwarden). The transport operators have indicated that all trains, with the exception of two trains Zwolle-Coevorden, must fall within the Zwolle node. It has proven not possible to allocate the requested capacity on this route section. The capacity enhancement plan ascertains that a solution to this bottleneck is included in the development of the Zwolle Spoort project.		
Zwolle Spoort project	Realisation has started	2021
Congestion statement 2014/06, Sloe railway yard		
<i>Bottleneck:</i>		
With multiple transport operators active at Sloe railway yard and the increased need for electric traction for arriving and departing trains, the use of the available electrified arrival and departure tracks are a regular source of conflict. These must now be promptly (before operators can be served) released which leads to extra shunting movements.		
It is advised to initiate a plan study into possible electrification of tracks at Sloe. ProRail will propose this to the Ministry of Infrastructure and Water Management within the context of the High Frequency Rail Transport Programme (PHS).	Plan development	2023
Congestion statement 2014/07, Route section Groningen - Zwolle		
<i>Bottleneck:</i>		
There is a timetable conflict between passenger and freight trains between Onnen and Zwolle. This is now being resolved by putting freight trains in Hoogeveen on a sidetrack so that passenger trains can pass. By making access to Onnen quicker with 1:15 points instead of 1:9 points and changes to the signalling, the freight trains in Onnen can access the main track more quickly and the stop in Hoogeveen can be cancelled.		
Combination solution consisting of a running time reduction by replacing two 1:9 points with 1:15 points and interval time reduction by adjusting the signal position (project Onnen Zuid). The measure will be effective	Project has started.	Realised first quarter 2022

Measure	Status	Ready for operation
once the Spoorzone Assen (now completed), Boogafsnijding Hoogeveen (Q2 2022) and Zwolle Spoort (Q4 2021) projects have been completed.		
Congestion statement 2017/03 Moerdijk railway yard and main siding lines		
<p><i>Bottleneck:</i> The congestion statement 'near future' Moerdijk comprises three bottlenecks:</p> <p>1. Moerdijk railway yard: the available shunting and stabling capacity at Moerdijk railway yard is not sufficient to handle existing transport and the expected growth in the near future in a robust manner. In addition to an increase in the number of trains, the number of different transport operators has also increased, putting more pressure on the available capacity.</p> <p>The public freight terminal: at Moerdijk there are two shippers who make structural use of the public freight terminal for transshipment purposes. Because both shippers want to load and unload especially during the day, there is a chance that the public freight terminal will lead to a bottleneck.</p> <p>3. Railway siding wagon sets: There is a shortage of stabling capacity with sufficient length for the stabling of wagon sets. These are necessary for the transport process of the CCT container terminal.</p>		
Extension on the south side of the Moerdijk railway yard with one platform track and one stabling track (variant B) and division of TRS1 into two TRSs	Plan study has started Stabling track is also intended for bottleneck transport process CCT. Splitting TRS 1 implemented through Lean Moerdijk project.	2022
Division of TRS2 and TRS3, both into two TRSs	Realisation through Lean Moerdijk project.	Completed
Congestion statement 2017/03 Utrecht platform track 5		
<p><i>Bottleneck:</i> Platform 3, track 5 side, is too narrow. The congestion is beginning to become unacceptable, forcing people to walk too close to the platform wall and wait. This situation, available platform width in combination with current passenger numbers, does not meet the so-called rejection standard.</p>		
Widening of platform 3, track 5 side, with compensation for the effective track length 4, which will be affected when broadening platform 3.	Plan study in progress	Not yet known
Congestion statement 2018/01(Near future) West Brabant		
<p><i>Bottleneck:</i> The congestion statement concerns four conflicts:</p> <p>The InterCity Den Haag - Eindhoven (return) cannot serve Rotterdam Blaak station. The Moerdijk bridge does not offer sufficient capacity for 14 train paths per hour. The time slot of the Sprinters Dordrecht - Lage Zwaluwe is not in exact fifteen minute intervals. The transfer at Roosendaal between the InterCity Roosendaal - Zwolle (return) with the InterCity Amsterdam - Vlissingen (return) is accompanied by a long stop time of 7 minutes.</p>		
Roosendaal: Study into the possibilities for extending track 3b in Roosendaal to 10 wagons. This study is combined with the request by NS to extend track 4b to 12 wagons in length.	Plan study has started	2024/2025
Congestion statement 2018/03 Freight paths Zuidelijke Maaslijn		
<p><i>Bottleneck:</i> The passenger train service requested by Arriva is leading to restrictions on freight traffic on the current infrastructure: freight transport operators want to have two running options per hour in both directions. The lifting of length restrictions is also requested.</p>		

Measure	Status	Ready for operation
<p>The scope of the improvements on the Maaslijn includes infrastructure that largely eliminates the consequences of the congestion statement. 24 paths per direction per day are possible. This is more than twice as much as is necessary according to the forecast for 2025 (18 to 20 trains a day in both directions combined).</p>	<p>Plan development started.</p>	<p>2025</p>
<p>Congestion statement 2021/01, Amsterdam - Bentheim</p>		
<p><i>Bottleneck:</i> Direction Amsterdam to Bentheim (outbound):</p> <ul style="list-style-type: none"> • The Kijfhoek - Bentheim (KGB) freight path has a convergence with the accelerated outbound Intercity Berlin trains 143, 145 LB and 241 between Stroe and Rijssen. • The Essen - Bentheim (EHB) freight path has a convergence with the accelerated outbound Intercity Berlin trains 143, 145 LB and 241 between Amersfoort and Stroe. • There is also a conflict between DB Cargo train 47733 J135 and the 145 LB accelerated Intercity Berlin train on the route Amersfoort - Hengelo. <p>Direction Bentheim to Amsterdam (inbound):</p> <ul style="list-style-type: none"> • The Bentheim - Kijfhoek (BGK) freight path has a convergence with the accelerated incoming Intercity Berlin trains 148 LB and 146 between Rijssen and Stroe. 		
<p>ProRail, NS and the Ministry of Infrastructure and Water Management, in consultation with German partners, are working on further accelerating the train connection between Amsterdam and Berlin. The aim is to reduce the travelling time between Amsterdam and Berlin by 30 minutes in the medium term, compared to the current situation. The following measures are necessary to achieve this:</p> <ul style="list-style-type: none"> • New multi-purpose railway vehicles that can run at least 200 km/h in Germany and that can continue its service at the border without a locomotive change. • Adjustment of the timetable on the Dutch and German sides. • Adjustments to the infrastructure consisting of: <ul style="list-style-type: none"> - Extra platform Deventer - Extra platform/ through track Oldenzaal - Speed increase Hengelo-Oldenzaal Grens 	<p>Plan development</p>	<p>2024-2026 (to be determined in planned development)</p>
<p>Congestion statement 2021/02, Den Haag Holland Spoor railway yard</p>		
<p><i>Bottleneck:</i> At Den Haag Holland Spoor (Gv) there is a conflict between Railexperts train 1383 (only rides on Fridays) and NS International train 9695/9698 (the Intercity to Brussels). Railexperts train 1383 departs at 17.36 from track 1. The Intercity to Brussels 9695 also arrives at 17.20 on track 1, where train 1383 is at that moment, and returns as train 9698 Intercity Brussels with Den Haag Holland Spoor departure 18.40. These two trains conflict with each other.</p>		

Measure	Status	Ready for operation
No measures result from the capacity-enhancement plan.	Not applicable	Not applicable

Appendix 11 Information on secondary railway (section 2.2.1 and 2.2.2)

Railways falling under the Special Railways Decree

ProRail manages the following decommissioned railway lines which fall under the Special Railways Decree:

- Roermond – Vlodrop Grens (direction Dalheim (D))

Sidings

Rail connections on industrial sites and the approach tracks that connect the tracks on these sites to the national railway network or to a main siding line are not part of the railway infrastructure managed by ProRail.

Information on or permission to use the rail connections on industrial sites and the approach tracks are given through or via the affiliated company subject to certain conditions, which can include a user charge.

Certain restrictive conditions can be imposed that are related to the properties of the tracks in question such as axle load, speed and gauge restrictions, as well as restrictions related to the radius of curvature of the tracks in question.

Appendix 12 Loading gauges (section 2.3.4)

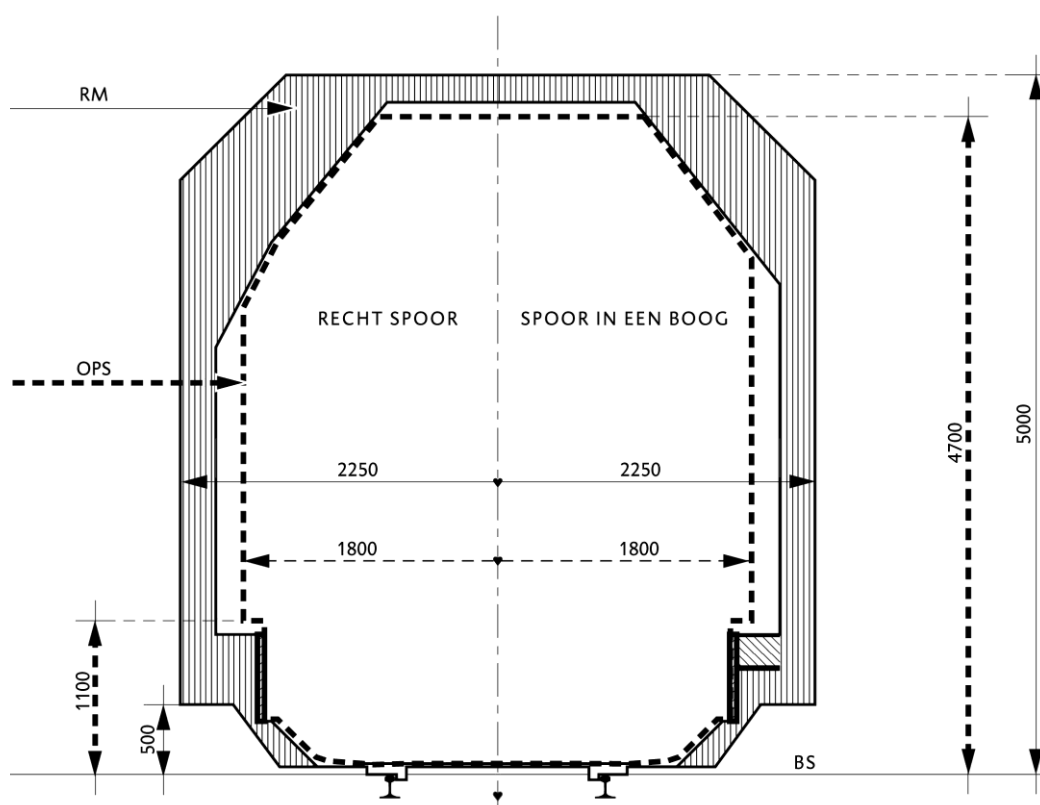


Notes

Vehicle gauges for special loads

The vehicle gauge for special loads, the so-called Red Measuring Area^{187a} (RM, in figure below) applies to all route sections, whereby special instructions or regulations may be attached to the running of border route sections, subject to the regulations of the relevant neighbouring country.

Railway vehicles with loads larger than the vehicle gauge¹⁸⁸ that has been released for the relevant route sections (see map), but which are located within the Red Measuring Area shall be reported to ProRail.¹⁸⁹



In case of doubt, One-Stop-Shop BV can calculate whether a statically measured load fits within the applicable reference gauges (adding margins as a result of the movement of loads and increase in curves).

¹⁸⁷ As referred to in Section 10(3)(a) Rail Traffic Decree and Section 40a Rail Traffic Regulations and as included in Annex 8 to the Rail Traffic Regulations.

¹⁸⁸ See Section 10(2) Rail Traffic Decree in which reference is made to the Railway Vehicles Service Regulations.

¹⁸⁹ Section 10(3) Rail Traffic Decree.

Appendix 13 Axle loads and load per unit of length, freight (section 2.3.5)



Appendix 14 Automatic train control systems (section 2.3.13.1)



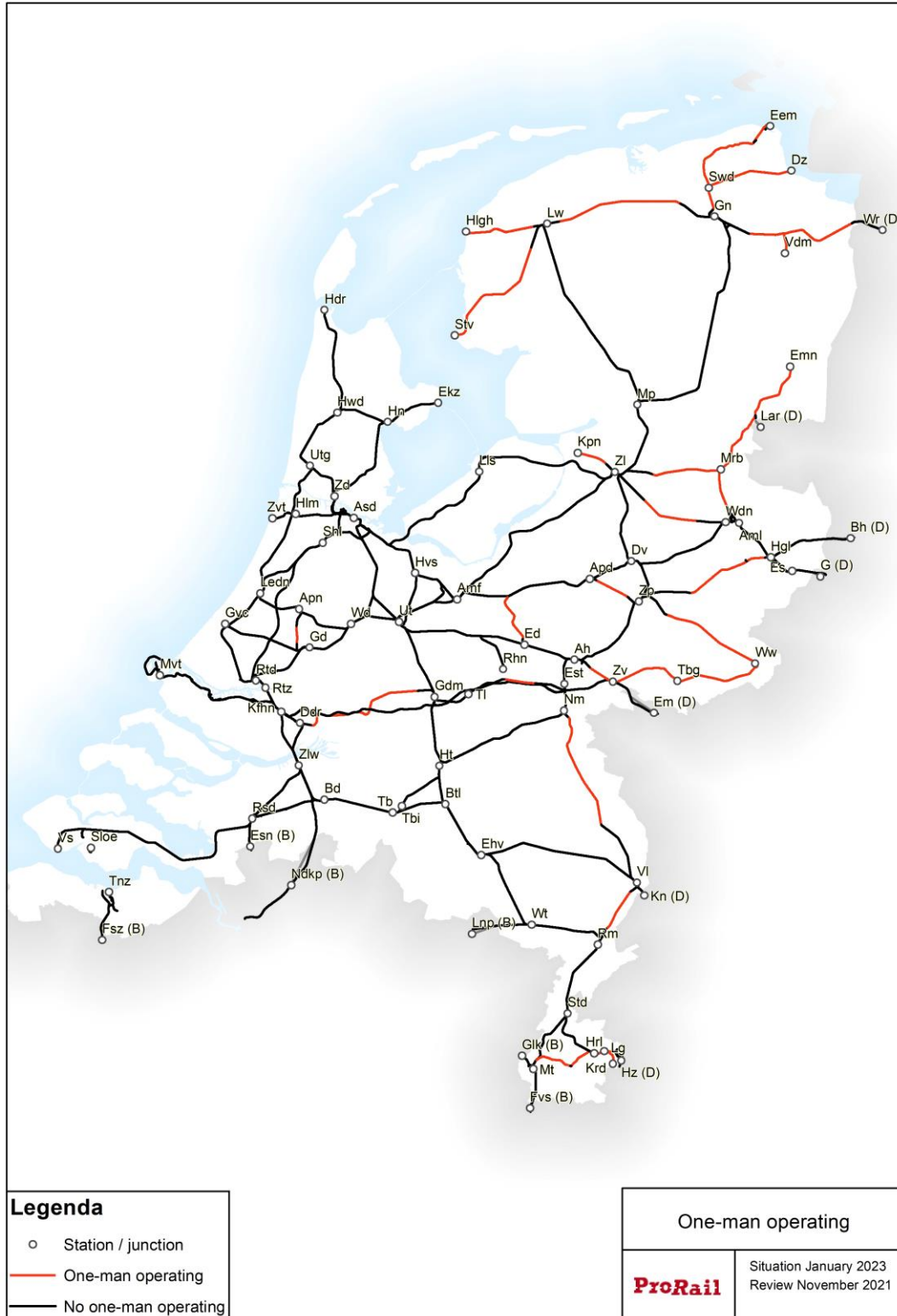
Appendix 15 Train detection systems (section 2.3.13.2)



Table of route sections suitable for electric passenger trains, irrespective of whether a monoculture occurs.

Route section
Zwolle – Kampen
Zwolle – Emmen
Zwolle – Wierden
Wierden – Almelo
Almelo – Hengelo
Hengelo – Oldenzaal Grens
Hengelo - Enschede
Arnhem - Nijmegen
Duiven - Zevenaar
Gouda - Alphen
Dordrecht - Geldermalsen
Maastricht - Kerkrade

Appendix 16 Route sections earmarked for one-man operating (section 0)



At nodes, there is often shared use. These locations are therefore equipped with departure signs.

Appendix 17 Tractive power supply systems (section 2.3.9)



Voltage change-over gates Betuweroute

To facilitate the transition between the 25kV AC tractive power systems on the Betuweroute and the 1500V DC tractive power system in Kijfhoek and on the following railways, voltage change-over gates are planned at the locations below.

- Voltage change-over gates with a length of the traction-free zone of 186 m:
 - In the tracks between Barendrecht Vork and Waalhaven Zuid, at km 202.1
 - In the tracks between Kijfhoek and Papendrecht, at km 3.5
 - In the tracks between Kijfhoek and Papendrecht, at km 107.2
- Voltage change-over gates with a length of the traction-free zone of 30m:
 - In the tracks of the connecting curve Geldermalsen/Meteren (return)
 - In the tracks of the connecting curve Zaltbommel/Meteren (return)
 - In the tracks of the connecting curve Valburg/Elst (return)
 - In the tracks of the connecting curve Valburg/Nijmegen Lent (return)

Current take-up restrictions

The table below states the maximum current take-up per train on a number of route sections that are subject to current take-up restrictions with regard to the 1500V DC tractive power supply system.

Route section	Maximum current take-up
Zwolle – Emmen	2,500 A
Barneveld Noord – Ede Wageningen	2,500 A
Rhenen – De Haar Aansluiting	3,000 A
Dordrecht – Geldermalsen	2,700 A
Leiden Centraal – Woerden	3,200 A
Alphen aan den Rijn - Gouda	3,200 A
Rhenen – De Haar Aansluiting	3,000 A
Maastricht – Maastricht voltage change-over gates	3,100 A

The maximum current take-up of the 25 kV tractive power supply system is stated in EN 50388:2012. If a higher or lower value applies, this is stated in the [Infrastructure Register \(RINF\)](#) (see section 2.3).

Appendix 18 Moveable railway bridges (section 2.4.5)

The numbers refer to the table below.



List of moveable railway bridges

No.	Bridge name	Abbreviation	Waterway	Place	Route section
1	Singelgracht	SGBR	Westerkanaal	Amsterdam	Asd – Ass
2	Spaarnebrug	SPBR	Spaarne	Haarlem	Asd – Hlm
3	Vinkbrug	VKBR	Oude Rijn	Leiden	Gv – Ledn
4	Schiebruggen	DHS	Delfshavense Schie	Rotterdam	Rtd – Sdm
6	Oude Maas	GRBR	Oude Maas	Dordrecht	Ddr – Rtd
7	Markbrug	MABR	Markkanaal	Zevenbergen	Rsd – Zlw
8	Arnekanaalbrug	ABR	Arnekanaal	Arnemuiden	Rsd – Vs
9	Vlakebrug	VLK	Kanaal door Zuid-Beveland	Vlake	Rsd – Vs
16	Drentse hoofdvaart brug	SMVRT	Smildevaart	Meppel	Lw – Mp
18	Deelsbrug	BRDL	Deel	Akkrum	Lw – Mp
19	Boorne	BOBR	Boorne	Akkrum	Lw – Mp
20	Pr. Margrietkanaal	PMK	Prinses Margrietkanaal	Grouw	Lw – Mp
21	Harinxmakanaal (Mp-Lw)	HRMK	Van Harinxmakanaal	Leeuwarden	Lw – Mp
22	Oosterdoksuis	ODS	Oosterdoksuis	Amsterdam	Asd – Asdm
27	Hoge Gouwebrug	HGWBR	Gouwe	Gouda	Gd - Gv/Rtd
	Lage Gouwebrug	GWBR	Gouwe	Gouda	Gd – Ledn
28	Galgewater	GWT	Galgewater	Leiden	Apn – Ledn
29	Rijn-Schiekanaal	RSKBL	Rijn-Schiekanaal	Leiden	Apn – Ledn
30	Gouwsluis	GWB	Gouwe	Alphen aan den Rijn	Apn – Wd
31	Dubbele Wiericke	DWB	Dubbele Wiericke	Bodegraven	Apn – Wd
33	Vechtbrug	VTBR	Vecht	Weesp	Alm/Ndb - Wp
39	Coevorder Stadsgracht	COSB	Stadsgracht	Coevorden	Emn – Mrb
40	Hoogeveense vaart	HVVV	Verlengde Hoogeveensevaart	Nieuw Amsterdam	Emn – Mrb
42	Klifrak	KR	Klifrak	Workum	Lw – Stv
43	Wijmerts	WMB	Wijmerts	Oudega	Lw – Stv
45	Harinxma (Lw-Hlg/Stv)	HRM	Van Harinxmakanaal	Leeuwarden	Hlg/Stv - Lw
47	Zuidergracht	HLG	Zuidergracht	Harlingen	Hlg – Lw
49	Greuns	GRS	Greuns	Leeuwarden	Gn – Lw
50	Hoendiep	HDP	Hoendiep	Hoogkerk-Vierverlaten	Gn – Lw
51	Damsterhavenbrug	-	Haven	Delfzijl	stamlijn Havenschap
52	Zeesluisbruggen (2)	-	Zeesluizen (small and large)	Delfzijl	stamlijn Havenschap
56	Wildervanckkanaal AG	WDVB	Wildervanckkanaal AG	Zuidbroek	Gn - Nsch
56a	Rensel	RSL	Rensel	Winschoten	Gn - Nsch
57	Westerwoldse Aa	WWAB	Westerwoldse AA	Nieuweschans	Nscg - Nsch
58	NoordWillemsKanaal	NRDWIL	NoordwillemsKanaal	Groningen	Gn - Lw/Swd
59	Reitdiep	RDP	Reitdiep	Groningen	Gn - Swd
60	Boterdiep	BTD	Boterdiep	Bedum	Dz - Swd

List of moveable railway bridges

No.	Bridge name	Abbreviation	Waterway	Place	Route section
62	IJsselbrug	IJBZ	IJssel	Zutphen	Ah/Apd - Zp
64	Oude IJssel	OIJ	Oude IJssel	Doetinchem	Zv - Ww
69	Nauernaschevaart	NNVBR	Nauernaschevaart	Krommenie-Assendelft	Utg - Zd
70	Noordhollands kanaal	NHKBR	Noordhollands kanaal	Alkmaar	Amr - Hwd
71	Bolbrug	BOL	Ringvaart	Heerhugowaard	Amr - Hwd
72	Koegrasbrug	KGS	Noordhollands kanaal	Koegras	Ana - Hdr
73	Zaanbrug	ZDB	Zaan	Zaandam	Pmr - Zd
74	Noordhollands kanaal	NHK	Noordhollands kanaal	Purmerend	Pmr - Zd
75	Where	WHE	Where	Purmerend	Hn - Pmr
80	Wantijbrug	WIJB	Wantij	Dordrecht	Ddr - Gdm
81	Merwedekanaalbrug	MKBR	Merwedekanaal	Arkel	Ddr - Gdm
82	Ringvaartbrug	RVBR	Ringvaart	Nieuw Vennep	Ledn - Shl
83	Schinkelbrug	SKBR	Schinkel	Amsterdam	Asra - Dvd
84	Baanhoekbrug	BMBR	Beneden Merwede	Baanhoek	Ddr - Gdm
87	Botlekbrug	BOTBR	Oude Maas	Rotterdam	Havenspoor
88	Sluiskilbrug	SLUB	Kanaal van Gent naar Terneuzen	Sluiskil	Svg - Tnz

Appendix 19 Platform lengths (section 2.3.8 and 7.3.2)



Appendix 20 Freight terminals (section 7.3.5.2.3)



Appendix 21 Refuelling facilities (section 7.3.10)

Information on the refuelling facilities is provided below.



Information on the storage capacity and flow rate of refuelling facilities

Location	Storage capacity in m3	Flow rate in l/min (via nozzle connection)	Flow rate in l/min (via spill-free connection)
Groningen De Vork	2 x 40	120	200
Leeuwarden	1 x 40	90	200
Hengelo	2 x 60	90	200
Zutphen	2 x 40	90	200
Winterswijk	1 x 50	90	200
Arnhem	2 x 50	90	200
Amersfoort	2 x 30	90	200
Amsterdam Westhaven	1 x 50	90	200
Maasvlakte	1 x 100	120	200
Botlek	1 x 25	80	200
Waalhaven Zuid	1 x 100	120	200
Kijfhoek	2 x 50	125	200
Roosendaal	2 x 50	90	200
Terneuzen*	1 x 30	90	200
Nijmegen	2 x 30	90	200
Venlo	2 x 100	90	200
Heerlen**	1 x 40	130	200

* This refuelling facility has been decommissioned.

** This refuelling facility has been decommissioned and is expected to be removed by 2023.

An HVO or Ad-Blue installation is present at some locations. This is not publicly accessible, but owned by a specific railway undertaking.

Appendix 22 Standard freight paths (section 4.5.4.2)

ProRail shall publish the speed, length and acceleration characteristics of standard freight paths.¹⁹⁰

These standard paths play a role when applying prioritisation as prescribed by the Railway Capacity Allocation Decree. Requests for capacity that fit within the standard freight paths are included in the prioritisation.

ProRail applies the following basic principles when defining the standard freight paths:

1. The standard freight paths as established the previous year are used as a basis.
2. Separate characteristics apply to non-electrified and electrified route sections.
3. The realisation data per route section is used to determine which type of locomotive is the most common on this route section.
4. Using the realisation data, a standard train tonnage is defined that corresponds with the 95th percentile of the train tonnages, as appears from the realisation.
5. The standard freight path is then based on the acceleration properties of the locomotive type found under point 1, as recorded in the national vehicle register, and the standard tonnage found under point 2.
6. The speed is based on the most common speed used for the pre-arranged paths, as established in the framework of the European rail freight corridors. The speed concerns the insertion speed to be used in the Donna planning system.
7. The internationally determined maximum train length including locomotive is 740m for freight trains. This train length can be limited in the Netherlands by the possibilities of the railway infrastructure. The length of the standard paths is based on the length of the departure and arrival tracks, as well as on the length of the usual overtaking locations for freight traffic, both for the planned timetable and for the possibilities for adjustment in disrupted situations. For international train paths, restrictions abroad may affect the permitted length. See also section 2.3.8.
8. For corridors where frequent transport of coal and ore takes place, different characteristics may be defined by ProRail.
9. If the request for a freight train fits within the running times of the standard freight path in the timetable, this request falls under the definition of the standard freight path.
10. Partly on the basis of the timetable preparation phase, ProRail may locally deviate from the aforementioned principles. These deviations are consulted in the context of a change to the Network Statement and the results of the consultation are made public via the [ProRail Logistics Portal](#).

This leads to the following characteristics:

Partially or partly non-electrified route sections.

Diesel traction is required. Specific transport on specific routes. The characteristics for a number of route sections are therefore defined separately.

From	To	Via	Veh. type	Locs	Length (m)	Tonnage	Speed (km/h)
(Partially) non-electrified route sections							
Almelo	Emmen		6400	1	262	800	80
Delfzijl	Onnen		6400	1	466	1100	60
Eemshaven	Onnen		6400	1	499	800	60
Emmen	Almelo		6400	1	262	300	80
Herzogenrath (D)	Sittard		1206	2	520	1800	80
Kaldenkirchen (D)	Sittard		6400	2	650	1500	85
Kijfhoek	Moerdijk		6400	1	650	1400	85
Moerdijk	Kijfhoek		6400	1	650	1500	85

¹⁹⁰ Section 1 Railway Capacity Allocation Decree.

Onnen	Delfzijl		6400	1	466	700	60
Onnen	Eemshaven		6400	1	499	800	60
Onnen	Veendam		6400	1	620	2200	80
Sittard	Herzogenrath (D)		1206	2	520	1800	80
Sittard	Kaldenkirchen (D)		6400	2	650	1500	85
Veendam	Onnen		6400	1	620	800	80
Lutterade DSM	Sittard		6400	2	700	2200	80
Sittard	Lutterade DSM		6400	2	700	1900	80
Other (partially) non-electrified route sections.							
The characteristics as listed in the timetable request for a train path are regarded as the characteristics of the standard freight path.			**				

Electrified route sections

From	To	Via	Veh.type	Locs	Length (m)	Tonnage	Speed (km/h)
Electrified route sections							
Amersfoort	Coevorden		B189	1	650	2200	95
Amsterdam Westhaven	Bad Bentheim (D)		B189	1	690	2100	95
Amsterdam Westhaven	Beverwijk	Uitgeest	B189	1	482	2800	95
Amsterdam Westhaven	Kijfhoek		B189	1	700	2600	95
Amsterdam Westhaven/Houtrakpolder	Emmerich (D)	Betuweroute	B189	2	690	4000*	95
Amsterdam Westhaven/Houtrakpolder	Kaldenkirchen (D)		B189	2	690	4000*	95
Bad Bentheim (D)	Amsterdam Westhaven		B189	1	690	2200	95
Bad Bentheim (D)	Essen (B)	Betuweroute	B189	1	590	2200	95
Bad Bentheim (D)	Essen (B)	Utrecht	B189	1	690	2200	95
Bad Bentheim (D)	Kijfhoek	Betuweroute	B189	1	590	2200	95
Bad Bentheim (D)	Kijfhoek	Breukelen	B189	1	690	2200	95
Beverwijk	Amsterdam Westhaven	Uitgeest	B189	1	482	2300	95
Beverwijk	Kijfhoek	Breukelen	B189	1	700	2700	95
Beverwijk	Kijfhoek	Leiden	B189	1	660	2700	80
Beverwijk	Sittard		B189	1	700	2400	95
Coevorden	Amersfoort		B189	1	650	2200	95
Emmerich (D)	Amsterdam Westhaven/Houtrakpolder	Betuweroute	B189	1	690	2100	95
Emmerich (D)	Essen (B)	Betuweroute	B189	1	690	2200	95
Emmerich (D)	Essen (B)	Nijmegen	B189	1	690	2400	95
Emmerich (D)	Kijfhoek		H189	1	690	2700	95
Essen (B)	Bad Bentheim (D)	Betuweroute	B189	1	590	2100	95
Essen (B)	Bad Bentheim (D)	Utrecht	B189	1	690	2100	95
Essen (B)	Emmerich (D)	Betuweroute	B189	1	690	2100	95
Essen (B)	Emmerich (D)	Nijmegen	B189	1	690	2400	95
Essen (B)	Kaldenkirchen (D)		B189	1	690	2400	95
Essen (B)	Kijfhoek		TRAX	1	700	2100	95
Kaldenkirchen (D)	Amsterdam Westhaven/Houtrakpolder		B189	1	690	2000	95
Kaldenkirchen (D)	Essen (B)		B189	1	690	2200	95
Kaldenkirchen (D)	Kijfhoek		B189	1	690	2000	95

Kaldenkirchen (D)	Sloe		B189	1	690	2200	95
Kijfhoek	Amsterdam Westhaven		B189	1	650	2200	95
Kijfhoek	Bad Bentheim (D)	Breukelen	B189	1	650	2400	95
Kijfhoek	Bad Bentheim (D)	Betuweroute	B189	1	590	2400	95
Kijfhoek	Beverwijk	Breukelen	B189	1	650	2700	95
Kijfhoek	Beverwijk	Leiden	B189	1	630	2700	80
Kijfhoek	Emmerich (D)		H189	1	690	2700	95
Kijfhoek	Essen (B)		TRAX	1	700	2400	95
Kijfhoek	Kaldenkirchen (D)		B189	1	690	2700	80
Kijfhoek	Kaldenkirchen (D)		B189	1	690	2400	95
Kijfhoek	Maasvlakte		H189	1	740	2700	80
Kijfhoek	Onnen	Amersfoort	B189	1	620	2200	95
Kijfhoek	Sittard		B189	1	690	2400	95
Kijfhoek	Sloe		B189	1	700	2400	95
Kijfhoek	Waalhaven		H189	1	690	2700	80
Maasvlakte	Kijfhoek		H189	1	740	2700	80
Onnen	Kijfhoek	Amersfoort	B189	1	620	1200	95
Sittard	Beverwijk		B189	1	700	2700	95
Sittard	Kijfhoek		B189	1	690	2400	95
Sittard	Vise (B)		6400	2	700	2100	95
Sloe	Kaldenkirchen (D)		B189	1	690	2400	95
Sloe	Kijfhoek		B189	1	700	2500	95
Vise (B)	Sittard		6400	2	700	2400	95
Waalhaven	Kijfhoek		H189	1	690	2700	80
Overige geëlektrificeerde baanvakken			B189	1	**	2200	90
* Concerns coal and ore paths							
** See point 7 of the starting points							

Appendix 23 Applications, publications and reports

This appendix provides a description of all the applications and reports provided by ProRail in the area of:

- Preparation
- Capacity requests
- Type
- Analysis

The table below provides a summary and brief description of the applications, publications and reports. The third column of this report provides a reference for further information; while the fourth column establishes the relationship with the relevant service in Chapters 2 to 7 of this Network Statement.

Name	Function	For further information, see	Part of the service in section
<i>Preparation</i>			
RailMaps	Geographical information on the infrastructure and the surroundings.	Appendix 23 - 1	5.3.1
Provision of customised railway infrastructure data via Infra-Atlas	Customised data on the functionality of the railway infrastructure using Infra-Atlas data.	Appendix 23 - 2	5.5.2
Provision of GeoData	Provision of GPS/RD data on: <ul style="list-style-type: none"> • Centre of the track • Coupling point • Stations Timetable points	Appendix 23 - 3	5.5.2
Traction Signs (WVK)	Graphic information on the railway infrastructure for drivers.	Appendix 23 - 4	5.3.1
Wegkennisbank (Network Database)	Data on the main railway network and NS sites by means of Signposts drawings enriched with media and documentation.	Appendix 23 - 41	5.5.2
Temporary speed restrictions (TSR)	Summary of temporary speed restrictions for drivers.	Appendix 23 - 5	5.3.1
FRISO (Flexible Rail Infra Simulation Environment)	Simulation tool for infrastructure studies, capacity, robustness and safety analyses, innovation studies.	Appendix 23 - 35	5.5.2
NEO Simulation	Carrying out a simulation for testing innovations with the aim of improving train running.	Appendix 23 - 37	5.5.2
ProRail ERTMS Integration Lab (PREI)	Performance of (chain) integration tests between ERTMS on-board equipment and ERTMS trackside equipment in the ProRail ERTMS Integration Lab (PREI) with the aim of eliminating compatibility risks.	Appendix 23 - 38	5.5.2
<i>Capacity allocation</i>			

Name	Function	For further information, see	Part of the service in section
Donna	Planning and requesting train paths, shunting paths and stabling capacity for the basic hour pattern, standard week and specific days.	Appendix 23 - 6	4.2.3 5.3.1
Btd planner	Information on capacity for management purposes.	Appendix 23 - 7	5.3.1
Btd planner reports	An excerpt from the information from the Btd planner system.	Appendix 23 - 8	5.3.1
Order Portal	Submission of capacity requests for train paths in the Netherlands.	Appendix 23 - 9	4.2.3 4.8 5.3.1 6.2.4
BUTA	Application for communication relating to late requests (BuitenTermijnAanvragen) < 36 hours.	Appendix 23 - 34	5.3.1
PCS	Submission of international capacity request and receiving capacity offers.	Appendix 23 - 10	4.2.3 5.3.1
LOA Online	Submitting, handling and recording of local orders for shunting routes.	Appendix 23 - 11	5.3.1
RMS Client (Rail Management System)	Real-time information on train movements and planning of the process tracks line to the railway yards of the Betuweroute	Appendix 23 - 12	4.8 5.3.1 6.2.4
Mijn Treinen	Overview of all freight transport operator related scheduled trains for the next 24 hours. With the possibility for the railway undertaking to perform certain interventions.	Appendix 23 - 40	4.8.1 4.8.4 5.3.1 6.2.4 7.3.5.3.3 7.3.5.3.77.3.5.3.7
Train numbers list (TNR)	Information on the allocation of train numbers to railway undertakings.	Appendix 23 - 13	5.3.1
<i>Type</i>			
GSM-R Voice Rail Safety	Communication between driver and movements inspector.	Appendix 23 - 14	5.3.1
GSM-R Walkie-Talkies	Operational voice communication (point-to-point and group communication via handhelds / walkie-talkies on railway yards or in tunnels).	Appendix 23 - 15	5.5.1
GSM-R Other rail-related voice and data	Operational voice communication (point-to-point via handhelds on railway yards or in tunnels), and data communication	Appendix 23 - 16	5.5.1
WLIS	Registration of train composition data and the position and load of freight wagons on railway yards.	Appendix 23 - 17	5.3.1 6.2.5
SpoorWeb	Communication in case of disasters.	Appendix 23 - 18	5.3.1
Real-time information on train movements (VIEW)	Real-time information on train movements.	Appendix 23 - 19	5.3.1 5.5.2

Name	Function	For further information, see	Part of the service in section
Planning and performance information (according to NL standard)	Supply of real-time traffic plan data, related changes to the train service and performance information.	Appendix 23 - 20	5.5.2
Capacity requests and planning & performance information (according to TSI TAF/TAP standard)	The submission of capacity requests for train paths, the sending of offers of train paths, the changing of train paths and cancellation of train paths, border alignment and the changing and cancellation of train paths by ProRail based on the TAF/TAP TSI messages and the provision of planning & implementation information based on the TAF/TAP TSI messages.	Appendix 23 - 21	4.2.3 4.8 5.3.1 6.2.4
Real-time information on train movements (MeekijkVOS)	View functionality in the VOS traffic control system, making it possible to monitor the course of train services.	Appendix 23 - 22	5.5.2
TIS	Real-time information on movements of international passenger trains and national and international freight trains.	Appendix 23 - 23	5.5.2
RouteLint	Real-time information for the driver on the traffic situation on his route.	Appendix 23 - 24	5.5.2
ORBIT	Gives the driver a warning if a stop signal is approached at too high a speed.	Appendix 23 - 25	5.5.2
Provision of Railway Vehicles and Train Position Service (MTPS)	The provision of real-time data on train positions on the basis of train detection systems.	Appendix 23 - 26	5.5.2
Customised incident-related data	Provision of customised incident-related data. - Current Standard Obstruction Measures - Data related to an undesired event, limited to specific titleholders.	Appendix 23 - 33	5.5.2
Punctuality Map	Graphical real-time information on the punctuality of passenger train services.	Appendix 23 - 36	5.5.2
<i>Performance analysis</i>			
Train service report	Standard reports and provision of data on train service performance.	Appendix 23 - 0	5.3.1
Information on train service performance: customised reports, provision of data and analyses	Customised report, provision of data and analysis of the train service performance.	Appendix 23 - 28	5.5.2
Information on historic train movements (TOON)	Information on historic train movements	Appendix 23 - 29	5.5.2
Approval Monitoring	Possibility to accept or reject the causes of train deviations registered by ProRail.	Appendix 23 - 30	5.3.1

Name	Function	For further information, see	Part of the service in section
The provision of various measurement data from Quo Vadis and Hotbox systems	Measurement data on, for example, axle loads and wheel temperatures of passing railway vehicles	Appendix 23 - 31	5.5.2 7.3.7.1
Sherlock	Support in the analysing of train performances	Appendix 23 - 32	5.5.2

General note: In cases where ProRail provides an application (or: user interface), it is only offered on browsers and platforms supported by the relevant supplier. For example, Windows XP and Windows 7 are no longer supported by Microsoft.

1 Description of the application RailMaps

RailMaps		
1. General information		
1.1	Facility	RailMaps is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>RailMaps is the ProRail-wide viewer for geographical data. Information on the map can be consulted for a wide variety of objects. There is a special group of preselected map layers for transport operators.</p> <p>Some examples of object types that are included in RailMaps:</p> <ul style="list-style-type: none"> • Railway objects such as points, branch sections (+ maximum local speeds), buffer stops, signals, matrix indicators, buildings with regard to energy supply and refuelling facilities. • Route section videos provide information on structures located on and along the route section, as well as in the immediate surroundings of the railway line. The video images can be used, among other things, for the remote surveillance of local situations. • Topographical data, such as noise barriers, entrance gates, escape doors, tracks (anti-icing, washing area, dismantling pit), roadrail access points, level crossings, structural works and buildings. • Schematic drawings that can be retrieved via RailMaps (Infra Atlas is the source of these data). <p>Other data such as slope data, track distances and aerial photographs.</p> <p>The provision of specific customised data on the functionality of the railway infrastructure is possible from Infra Atlas, see Appendix 23, item 2.</p>
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: during working days from 07:00 – 17:00 hours.
3.1.2	Technical characteristics	The application is made available by means of authorisation via the Internet.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	The use of this application is free of charge.
4.2	Information relating to discount on the user charge	N/A

RailMaps		
5. User conditions		
5.1	Legal requirements	The user accepts the Railmaps disclaimer: https://prorailbv.sharepoint.com/teams/T2017_0069/bieb1/disclaimer.pdf
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection.
6. Capacity request		
6.1	Access request	<p>If you want to use ProRail applications, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> If your company is not yet a client of ProRail, you can click here for more information about the request procedure. If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. <p>If you have a ProRail account, you can request access to an application via IDM.</p>
6.2	Handling time	Available immediately upon request.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

2 Description of the provision of customised railway network data via Infra-Atlas

Provision of customised railway infrastructure data via Infra-Atlas		
1. General information		
1.1	Facility	Provision of customised railway infrastructure data via Infra-Atlas is a publication that qualifies as a service under category 4 of Annex II to Directive 2012/34/EU
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	Provision of specific information on the functionality of railway infrastructure from Infra Atlas This may concern a specific question about a cross-section or a question not described in the IRS IAUF (Interface Requirement Specification- Infra Atlas Exchange Format).
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	On request, depending on specific wishes.
3.1.2	Technical characteristics	One or more data files (text files).
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	On request, depending on specific wishes
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	One or more data files (text files).
6. Capacity request		
6.1	Access request	Via Product Management Information & ICT Services (informatiediensten@prorail.nl).

Provision of customised railway infrastructure data via Infra-Atlas		
6.2	Handling time	Requests will be processed within ten working days.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

3 Description of the publication GeoData

Provision of GeoDat		
1. General information		
1.1	Facility	Provision of GeoData is a publication that qualifies as a service under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	Provision of real-time GPS/RD data from Naiade/Infra-Atlas with respect to the ProRail base map, Transfer Facilities, the ProRail Area Classifications and the Reference System. As soon as infrastructural changes are implemented in the mentioned systems, they are immediately communicated through the publication Provision of GeoData.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of publication: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: only during office hours.
3.1.2	Technical characteristics	N/A
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	The use of this publication is free of charge.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The data is provided via the Internet.
6. Capacity request		
6.1	Access request	ProRail – request via Product Management Information & ICT Services (informatiediensten@prorail.nl)
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

4 Description of the application Traction Signs (WVK)

Traction Signs (WVK)		
1. General information		
1.1	Facility	Traction Signs or the Dutch abbreviation WVK, is a publication, included in the Train Path service, falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	Traction Signs provide a graphic overview of the railway infrastructure, tailored to the needs of drivers, to facilitate safe and efficient traffic participation and effective communication with ProRail traffic control. The railway infrastructure concerns at least the entire network centrally controlled by ProRail.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	On request, depending on specific wishes
3.1.2	Technical characteristics	a) A download of the Traction Signs (WVK) in PDF format via the Rail Information Portal application. By taking a subscription to the web portal, changes are communicated by means of an email message. b) A WVK notification with the description of the changes on the position of the rail infrastructure works in XML format.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This application is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	One or more data files.
6. Capacity request		
6.1	Access request	a) A download of the Traction Signs in PDF format via the Rail Information Portal application. b) A description in XML format: via Product Management Information and ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	Requests will be processed within five working days.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

5 Description of the publication Temporary Speed Restrictions (TSB)

Temporary speed restrictions (TSR)		
1. General information		
1.1	Facility	Temporary speed restrictions is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	NSR Reizigers takes care of production and distribution at the instructions of ProRail.
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	The publication TSB (Temporary Speed Restrictions) is part of the publication IAM (Information to Drivers). The information about temporary speed restrictions is shown by placed (L, A and E) signs. The TSB is sent as a weekly and daily publication. The weekly

Temporary speed restrictions (TSR)		
		publication contains all speed restrictions applicable during the relevant week. The daily publication provide supplements and/or changes to the week publication.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	On request, depending on specific wishes
3.1.2	Technical characteristics	<p>The railway undertaking can on request of this information opt for a TSR at station, regional or national level. Information is provided on route section, direction of travel, time period and applicable speed. It is also possible to make a distinction according to train type, reason and particularities (placement of signs and/or signals).</p> <p>The railway undertaking receives a PDF file by email. The weekly publication is sent on Thursdays at 09.00 hours and applies to the period from the first following Monday 04:00 hours until the next Monday 04:00 hours. The daily publication is sent daily at 15:30 hours and applies to the first following day from 04:00 hours until 04:00 hours on the next day.</p>
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This publication is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	The email address of the railway undertaking to which the TSB is sent shall be functional, contain the name of the railway undertaking (e.g., planning@transportoperator.country , whereby the name of the railway undertaking is stated under 'transport operator'). The railway undertaking is responsible for providing this information to the driver driving a train under the responsibility of the railway undertaking.
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	Internet connection, email account and software program to open PDF files. The data is provided via the Internet. There is a guaranteed transmission, as well as a 24-hour (rail duty) service.
6. Capacity request		
6.1	Access request	Via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

6 Description of the application Donna

Donna		
1. General information		
1.1	Facility	Donna is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>This application concerns the planning, requesting and allocation of all forms of infrastructure use at both network and node level.</p> <p>In Donna, titleholders can make their own planning and request capacity, but can also opt to assign these tasks to a third party.</p>

Donna		
		<p>The capacity allocation procedure can be monitored and Donna gives information on the occupied or available infrastructure capacity up to the time that the planning closes, which is 2 to 4 days before the traffic day.</p> <p>Also available is a standard interface with which all self-planning titleholders can establish connections with their systems for personnel, vehicle deployment or management information.</p>
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: during working days from 07:00 – 17:00 hours.
3.1.2	Technical characteristics	An authorisation ¹⁹¹ (Donna UserAccount and a Citrix account, per user) providing access to the application, and use of the functionalities granted within the scope of the authorisation.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This publication is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	<p>Donna is made available to all titleholders with an Access Agreement or Capacity Agreement.</p> <p>Any hardware and software modifications are for the user's account (e.g., installation of software for Citrix, Adobe Acrobat Reader, make own systems suitable for standard interface and/or increase hard disk capacity).</p> <p>Use of Donna is subject to the procedures laid down by ProRail.</p> <p>The use of Donna is subject to a duty of confidentiality in accordance with Article 6 of the General Terms & Conditions (see Appendix 5 to this Network Statement).</p> <p>Employees of a titleholder with an Access Agreement or Capacity Agreement will be granted an account to use Donna on condition that the employee in question has successfully completed the VVRV exam.</p> <p>If this service is terminated, further consultation with ProRail is necessary to ensure that applications can be processed in a different manner. This is because of ProRail's staffing capacity.</p>
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application can be accessed from any computer with a Citrix Client, an Internet connection and Edge or Chrome as the browser (Donna may not work properly under other browsers)
6. Capacity request		
6.1	Access request	Via Donna Service Organisation (Donna@prorail.nl).
6.2	Handling time	A maximum handling time of 5 working days is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

¹⁹¹ An employee can on request be provided with a Cryptocard SoftGrid authentication for logging into the ProRail network.

7 Description of the application Btd planner

Btd planner		
1. General information		
1.1	Facility	Btd planner is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	In the Btd planner application, the coordination with the parties (contractors/railway undertakings/ProRail) takes place with regard to both incidental withdrawals and volume withdrawals (weekly withdrawals) in the context of the application and allocation process. The BTD planner also provides all relevant information on the status of both weekly and incidental withdrawals. The application can only be used by representatives of the parties that play an active role in the creation of the capacity allocation for management in this process.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	Access to the application Btd planner via an external ProRail account.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This application is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application can be accessed from any computer with Windows OS and reasonably recent Chrome or Edge browser (Chromium-based version) and an Internet connection.
6. Capacity request		
6.1	Access request	If you want to use ProRail applications, you need a ProRail account as a client of ProRail: <ul style="list-style-type: none"> If your company is not yet a client of ProRail, you can click here for more information about the request procedure. If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. If you have a ProRail account, you can request access to an application via IDM .
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

8 Description of the application Btd planner reports

Btd planner reports		
1. General information		
1.1	Facility	Btd planner reports is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.

Btd planner reports		
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	The Btd planner reports application reflects the data recorded in Btd planner and allows users to obtain overviews, both for incidental withdrawals and volume withdrawals (weekly withdrawals) for management.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	Access to the Btd planner reports application via an external ProRail account.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This application is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application can be accessed from any computer with Windows OS and reasonably recent Chrome or Edge browser (Chromium-based version) and an Internet connection.
6. Capacity request		
6.1	Access request	<p>If you want to use ProRail applications, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> If your company is not yet a client of ProRail, you can click here for more information about the request procedure. If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. <p>If you have a ProRail account, you can request access to an application via IDM.</p>
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

9 Description of the Order Portal application

Order Portal		
1. General information		
1.1	Facility	Order Portal is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	Applicants can use the Order Portal to submit requests for train paths in the Netherlands. On the portal, the train paths created by ProRail are shown to the applicants. In addition to the initial requests, the portal can also be used to submit requests for changes to, and cancellation of, train paths offered by ProRail.

Order Portal		
		Capacity requests can be submitted on the portal for the timetable phase, the ad hoc phase and the traffic control phase.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of facility: 7x24 hours (subject to fixed maintenance periods). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	Access to the "Capacity requests" option within the web-based application GMS192), which runs on an Internet browser.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This publication is provided as part of the train path service, see section 5.3.1. A graduated scale is used for this facility. If more accounts are purchased than agreed in the graduated scale, additional costs of € 1,264 per account will be charged.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection.
6. Capacity request		
6.1	Access request	<p>If you want to use ProRail applications, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> If your company is not yet a client of ProRail, you can click here for more information about the request procedure. If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. <p>If you have a ProRail account, you can request access to an application via IDM.</p>
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the facility.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

10 Description of the application Path Coordination System (PCS)

PCS		
1. General information		
1.1	Facility	Path Coordination System is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	RNE
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	PCS is a web application made available by RNE to the infrastructure managers and all capacity applicants. PCS supports the communication and coordination process of international capacity requests and allocations.

⁽¹⁹²⁾ GMS is ProRail's Generic HMI (HMI = Human Machine Interface) System. This system forms a single portal for end users within which various functionalities focused on the operation (such as WLIS and the Order Portal) can be launched and handled.

PCS		
		Moreover, the service supports railway undertakings and other applicants in studies and the preparation of requests.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed periods for maintenance and disasters, which are yet to be determined). The RNE helpdesk is available on working days from 08.00-16.00 hours.
3.1.2	Technical characteristics	To gain access to the system, railway undertakings are provided with a username, password and matrix card. The applicant is entered as titleholder in the system.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This application is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	The service is also made available within the context of the capacity allocation process.
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection.
6. Capacity request		
6.1	Access request	Via RailNetEurope: https://cms.rne.eu/content/pcs-user-account-request .
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

11 Description of the application LOA Online

LOA Online		
1. General information		
1.1	Facility	LOA Online is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	LOA Online is an order system with which railway undertakings request shunting routes and movements inspectors can assess them. This gives both the applicant and the assessor the opportunity to submit and assess requests uniformly. The assessor can also use this application to propose an alternative.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	Access by means of an Internet browser to LOA Online, a web-based application.
3.1.3	Planned changes	There are no planned changes.
4. User costs		

LOA Online		
4.1	Information related to the user charge	This application is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection.
6. Capacity request		
6.1	Access request	<p>If you want to use ProRail applications, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> • If your company is not yet a client of ProRail, you can click here for more information about the request procedure. • If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. • If you have a ProRail account, you can request access to an application via IDM. <p>Companies can conclude an agreement with ProRail for linked user authentication, the so-called ADFS Federations. Employees of companies that meet these requirements log into their company network and do not need a ProRail account for LOA Online. If you have a ProRail account (or ADFS), you can request access to an application via IDM "LOA Online digital access".</p>
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

12 Description of the application RMS Client / Feniks

RMS Client (Rail ManagementSystem) / Feniks ¹⁹³		
1. General information		
1.1	Facility	RMS Client is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	RMS Client provides real-time information on the occupation of a number of railway yards as well as the planning for these railway yards during the next 16 hours. Additionally, RMS Client specifies the track characteristics of railway yards forming part of the Betuwe Line, such as length and type of track. The railway undertaking will by means of the RMS-GTI function of RMS Client provide ProRail with real-time information on the use of the allocated infrastructure paths.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.

¹⁹³ Developments are underway within ProRail to replace RMS Client with Feniks in the course of 2022. As soon as this service is available, you will be informed by means of a supplement to the Network Statement.

RMS Client (Rail ManagementSystem) / Feniks ¹⁹³		
3.1.2	Technical characteristics	The user is provided with a username and password to gain access to RMS Client.
3.1.3	Planned changes	RMS Client will be replaced by a new system in the course of 2023.
4. User costs		
4.1	Information related to the user charge	This application is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	The railway undertaking uses this system to get access to data of trains on the tracks of the railway yards. An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection. Access is limited on the basis of location by means of IP address. Feniks will not use location limitation but 2 factor login by means of a GRID token.
6. Capacity request		
6.1	Access request	Via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	A maximum handling time of four weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

13 Description of the application Train Number List (TNR)

TNR		
1. General information		
1.1	Facility	Train Number List (TNR) is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	The TNR application is used for the management of valid train numbers. TNR describes the train numbers that can be used on a specific date by a specific railway undertaking. Domestic train numbers are issued in series. TNR is continuously updated and contains no "frozen" positions.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	An authorisation ¹⁹⁴ with which access is given to the application, and the functionalities that can be used within the authorisation.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This application is provided as part of the train path service, see section 5.3.1.

¹⁹⁴ An employee can on request be provided with a Cryptocard SoftGrid authentication logging into the ProRail network.

TNR		
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	N/A
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection. Access is limited on the basis of location by means of IP address.
6. Capacity request		
6.1	Access request	<p>If you want to use ProRail applications, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> If your company is not yet a client of ProRail, you can click here for more information about the request procedure. If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. <p>If you have a ProRail account, you can apply for access to an application via IDM.</p>
6.2	Handling time	A maximum handling time of 5 working days is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

14 Description of the radio-communication system GSM-R Voice Rail Safety

GSM-R Voice Rail Safety		
1. General information		
1.1	Facility	GSM-R Voice Rail Safety is a facility, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>The radio-communication system for rail safety offers the functionalities below.</p> <ul style="list-style-type: none"> Conversations between traffic control and drivers on the basis of train number. Receipt by drivers of general calls by traffic control. Sending of alarm calls by drivers to traffic control and vice versa. <p>All conversations are recorded for safety purposes.</p> <p>A GSM-R connection also allows for use of foreign GSM-R networks. Railway undertakings with foreign GSM-R SIM cards can also make use of the ProRail GSM-R network.</p>
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	A SIM card is required for connection to the ProRail GSM-R network. ProRail makes SIM cards available.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This publication is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A

GSM-R Voice Rail Safety		
5. User conditions		
5.1	Legal requirements	<p>ProRail reserves the right to set off external costs in case of misuse of the GSM-R service.</p> <p>An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).</p> <p>The communication between driver and movements inspector is recorded. These sound recordings are used in case of an incident, accident or dangerous situation, but also for e.g. training purposes and improving operating processes. For more information, see ProRail's privacy statement at www.prorail.nl. Railway undertakings are obliged to inform their drivers that recordings are made.</p>
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The railway undertaking requires appropriate equipment and a SIM card connection to the GSM-R network. Type-approved equipment must be used.
6. Capacity request		
6.1	Access request	SIM card request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	A maximum handling time of two weeks has been set between the request for and delivery of the GSM-R SIM card.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

15 Description of the radio-communication system GSM-R Walkie-Talkies

GSM-R Walkie-Talkies		
1. General information		
1.1	Facility	GSM-R Walkie-Talkies is a facility that qualifies as a service under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>Operational voice communication (point-to-point and group communication via handholds / walkie-talkies on railway yards or in tunnels). The service Voice Railway Safety is also supported within GSM-R Walkie-Talkies.</p> <p>A SIM card is required for connection to the ProRail GSM-R network. ProRail makes SIM cards available.</p>
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	<p>Operational voice communication (point-to-point and group communication via handholds / walkie-talkies on railway yards or in tunnels). The service Voice Railway Safety is also supported within GSM-R Walkie-Talkies.</p> <p>A SIM card is required for connection to the ProRail GSM-R network. ProRail makes SIM cards available.</p>
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	On request, depending on specific wishes (see section 5.5.1).

GSM-R Walkie-Talkies		
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl). The communication between driver and movements inspector is recorded. These sound recordings are used in case of an incident, accident or dangerous situation, but also for e.g. training purposes and improving operating processes. For more information, see ProRail's privacy statement at www.prorail.nl . Railway undertakings are obliged to inform their drivers that recordings are made.
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The railway undertaking requires appropriate equipment and a SIM card connection to the GSM-R network. Type-approved equipment must be used.
6. Capacity request		
6.1	Access request	Via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	A handling time of two weeks to six weeks is set between the request for and delivery of the GSM-R SIM card.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

16 GSM-R Other rail-related voice and data

GSM-R other rail-related voice and data		
1. General information		
1.1	Facility	GSM-R other rail-related voice and data is a facility that falls under category 4(a) of Annex II to Directive 2012/34/EU
1.2	Service provider	ProRail.
1.3	Term of validity	The service is offered during the term of this Network Statement. The offer is updated annually.
2. Function		
2.1	Description	Operational voice communication (point-to-point via handholds / walkie-talkies in railway yards or tunnels) and data communication (text, circuit switched or packet switched for telemetry applications). A SIM card is required for connection to the ProRail GSM-R network. ProRail makes SIM cards available.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	N/A
3.1.2	Technical characteristics	Operational voice communication (point-to-point via handholds / walkie-talkies in railway yards or tunnels) and data communication (text, circuit switched or packet switched for telemetry applications). A SIM card is required for connection to the ProRail GSM-R network. ProRail makes SIM cards available.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	The use of GSM-R Other rail-related voice and data is subject to additional charges in addition to the user charge.
4.2	Information relating to discount on the user charge	N/A

5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The railway undertaking requires appropriate equipment and a SIM card connection to the GSM-R network. Type-approved equipment must be used.
6. Capacity request		
6.1	Access request	Via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	Two weeks for delivery of the GSM-R SIM card. Depending on the complexity of the request, the delivery time is a maximum of three months.

17 Description of the facility WLIS (Wagon Load Information System)

WLIS		
1. General information		
1.1	Facility	WLIS is a facility, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>The service consists of the WLIS applications (Wagon Load Information System) and the WCM application (WLIS Case Management).</p> <p><i>WLIS applications:</i> The railway undertaking (and/or the party(ies) providing/providing the intervention for that railway undertaking) can view the departure compositions of freight trains in WLIS departure compositions.</p> <p>In WLIS Track occupations and in the mobile web application, railway undertakings can register the position of RID wagons on track numbers in railway yards in relation to other RID (and non-RID) wagons.</p> <p><i>WCM application:</i> In WCM, weekly inspection reports are shared with railway undertakings. The checks are carried out by ProRail's Incident Response Department. Railway undertakings can respond to this in the system.</p> <p>Railway undertakings are legally obliged to provide ProRail with real-time location data of wagons carrying RID goods. ProRail provides the ICT facility to railway undertakings to be able to deliver the data. ProRail shares this data with the emergency services in the event of an incident and with the Ministry of Infrastructure and the Environment in the context of the <i>Basisnet spoor</i> safety regulations.</p>
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	<p><i>WLIS applications:</i></p> <ul style="list-style-type: none"> • Availability of facility: 7x24 hours (subject to fixed maintenance periods, which are yet to be determined). • Availability of ancillary services: 7x24 hours. <p><i>WCM application:</i></p> <ul style="list-style-type: none"> • Supported only during office hours.
3.1.2	Technical characteristics	<i>WLIS applications:</i>

WLIS		
		<p>Access to the 'WLIS Departure compositions' and 'WLIS Track occupations' selection within the web-based application GMS.¹⁹⁵</p> <p>Access to the WLIS Mobile web application, which runs on an Apple or Android device.</p> <p><i>WCM application:</i> Access to the web-based application WCM (WLIS Case Management) is provided by means of a web link.</p>
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This publication is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The operation of WLIS and WCM is only guaranteed in Edge, FireFox and Chrome.
6. Capacity request		
6.1	<i>Access request</i>	<p>If the relevant employee, for whom access needs to be arranged, has a mobile phone available, the email details and necessary applications (see 3.1.2) shall be communicated to wlis@prorail.nl. While processing the application, the employee will receive a confirmation email from Microsoft. After positive confirmation, access is provided.</p> <p>If you want to use the WLIS applications without a mobile phone, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> • If your railway undertaking is not yet a client of ProRail, you can click here for further information on the request procedure. • If your railway undertaking is already a client of ProRail, but you do not yet have an account, request one via your administrator. <p>If you have a ProRail account, you can request access to an application via IDM.</p>
6.2	Handling time	<p><i>WLIS applications:</i> A maximum handling time of two weeks is set between the request for and granting of access to the facility.</p> <p><i>WCM application:</i> A maximum handling time of two weeks is set between the request for and granting of access to the facility.</p>
6.3	Information on capacity availability and temporary capacity restrictions	N/A

18 Description of the application SpoorWeb

SpoorWeb	
1. General information	

⁽¹⁹⁵⁾ GMS is ProRail's Generic HMI (HMI = Human Machine Interface) System. GMS is a portal that provides access to various operational functionalities.

SpoorWeb		
1.1	Facility	SpoorWeb is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>In the event of disruptions, ProRail and the railway undertakings shall communicate via the SpoorWeb application about the handling of the disruption. ProRail also uses SpoorWeb to inform the other parties involved. This provides all parties involved with central access to all important information on a disruption, such as the affected railway infrastructure, the anticipated end time as well as information on cancelled and rerouted trains.</p> <p>The user type (view/change) can be set per employee, according to the client's specifications.</p>
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	Access to the web-based SpoorWeb application, which runs within a browser guaranteed by ProRail.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This application is provided as part of the train path service, see section 5.3.1. A graduated scale is used for this application. If more accounts are purchased than agreed in the graduated scale, additional costs of € 3,194 per account are charged.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from any computer with Chrome as its browser and an internet connection.
6. Capacity request		
6.1	Access request	<p>If you want to use ProRail applications, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> If your company is not yet a client of ProRail, you can click here for more information about the request procedure. If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. <p>If you have a ProRail account, you can request access to an application via IDM.</p>
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

19 Description of the application VIEW (real-time information on train movements application)

Real-time information on train movements (VIEW)		
1. General information		
1.1	Facility	VIEW (Real-time information on train movements) is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	VIEW provides real-time information on train movements and infrastructure conditions in the Netherlands. VIEW also makes deviations in the planning visible, provides information on all traffic and can zoom in on regional and route section level.
3. Description of the facilities		
3.1	Locations	An OCCR version is available for railway undertakings who are members of the OCCR tenant association and who have a workplace at the OCCR (due to the specific configuration of the OCCR workplace).
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	For VIEW there is a JAVA version available that supports JNLP and a version that also works without JNLP.
3.1.3	Planned changes	The ICT service VIEW will only be available on the basis of a personal account from 2022. In the course of 2022, access based on functional accounts will be converted to access based on a personal account.
4. User costs		
4.1	Information related to the user charge	This application is provided as part of the train path service, see section 5.3.1. A graduated scale is used for this application. If more accounts are purchased than agreed in the graduated scale, additional costs of € 117 per account are charged.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection.
6. Capacity request		
6.1	Access request	If you want to use ProRail applications, you need a ProRail account as a client of ProRail: <ul style="list-style-type: none"> If your company is not yet a client of ProRail, you can click here for more information about the request procedure. If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. If you have a ProRail account, you can request access to an application via IDM .
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

20 Description of the publication Plan and performance information (according to Dutch standard)

Provision of planning and performance information (according to the NL standard)		
1. General information		
1.1	Facility	Planning and performance information (according to NL standard) is a publication that falls under category 4 of Annex II to EU Directive 2012/344.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	Provision of real-time traffic plan data, related changes to the train service and performance information. The message flow provides the user with a direct view of operations.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	N/A
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	The use of this service is subject to a charge of € 4,462 per connection. This concerns the charge for the use, the implementation concerns customisation for which a price proposal is made on request.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The data is delivered via direct link.
6. Capacity request		
6.1	Access request	Request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	Requests will be processed within five working days.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

21 Description of the publication Capacity requests and planning & performance information (according to TAF/TAP TSI standard)

Capacity requests and planning & performance information (according to TSI TAF/TAP standard)		
1. General information		
1.1	Facility	Capacity requests and planning & performance information (according to TSI TAF/TAP standard) is a publication, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	The submission of capacity requests for train paths, the sending of offers of train paths, the changing of train paths and cancellation of train paths, border alignment and the

Capacity requests and planning & performance information (according to TSI TAF/TAP standard)

		<p>changing and cancellation of train paths by ProRail on the basis of the TSI TAF/TAP messages:</p> <ul style="list-style-type: none"> • The "Path Request" message (based on section 4.2.2.2 of TSI TAF and 4.2.17.1 of TSI TAP). • The "Path Details" message (based on section 4.2.2.3 of TSI TAF and 4.2.17.2 of TSI TAP). • The "Path Details Refused" message (based on section 4.2.2.5 of TSI TAF and 4.2.17.5 of TSI TAP). • The "Path Confirmed" message (based on section 4.2.2.4 of TSI TAF and 4.2.17.4 of TSI TAP). • The "Receipt Confirmation" message (based on section 4.2.2.8 of TSI TAF and 4.2.17.7 of TSI TAP). • The "Path not available" message (based on section 4.2.2.7 of TSI TAF and 4.2.17.8 of TSI TAP). • The "Path Cancelled" message (based on section 4.2.2.6 of TSI TAF and 4.2.17.6 of TSI TAP). • The "Path Coordination" message (based on European sector agreements). • The "Error" message (based on European sector agreements). <p>The capacity request messages will be implemented in 2021. ProRail receives and sends the messages via the Common Interface and uses the Common Reference Data (Location Codes and Company Codes) in the messages.</p> <p>For each message, ProRail determines which data must be provided by capacity applicants and which data must be sent by ProRail. In addition, ProRail determines per message in which situations it can be used and in which situations it cannot be used.</p> <p>The provision of performance information on the basis of the TSI TAF/TAP messages:</p> <ul style="list-style-type: none"> • The "Train Running forecast" message (in accordance with section 4.2.4.3 TSI TAF). • The "Train Running information" message (in accordance with section 4.2.4.2 TSI TAF). • The "Train Running Interruption" message (in accordance with section 4.2.5.2 TSI TAF). <p>The messages will be delivered on the basis of the Operational Train Number and will in time be replaced with the Train_ID. Titleholders can (after implementation of the TSI messages) already request capacity with a message provided with a TrainID.</p>
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	Possibility to request capacity and receive planning & performance information (according to TAF/TAP TSI standard).
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This publication is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A

Capacity requests and planning & performance information (according to TSI TAF/TAP standard)		
5.4	IT systems	Communication exclusively takes place between the Common Interface of ProRail the Common Interface of the railway undertaking.
6. Capacity request		
6.1	Access request	Request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	Requests will be processed within five working days.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

22 Description of the application MeekijkVOS (Real-time information on train movements)

Real-time information on train movements (MeekijkVOS)		
1. General information		
1.1	Facility	MeekijkVOS is an application that as Real-time information on train movements (MeekijkVOS) service falls under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	Real-time information on train movements of railway undertakings in the Netherlands using a view function in the traffic control system of ProRail by means of the MeekijkVOS application.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	N/A
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	The use of this application is subject to a charge of € 2,069 48 per account.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection. Access to the MeekijkVOS application via een Citrix account, after which the view screens appear.
6. Capacity request		
6.1	Access request	<p>If you want to use ProRail applications, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> If your company is not yet a client of ProRail, you can click here for more information about the request procedure. If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. <p>If you have a ProRail account, you can request access to an application via IDM.</p>
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.

Real-time information on train movements (MeekijkVOS)		
6.3	Information on capacity availability and temporary capacity restrictions	N/A

23 Description of the application TIS (Real-time information on movements of international passenger to trains and national and international freight trains)

Real-time information on movements of international passenger to trains and national and international freight trains		
1. General information		
1.1	Facility	TIS is an application that as Real-time information on movements of international passenger to trains and national and international freight trains (TIS) service falls under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	RailNetEurope (support.tis@rne.eu)
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	Train Information System (TIS) is a web application made available by RailNetEurope to infrastructure managers and railway undertakings. This service provides a link with traffic control systems, thereby providing real-time information on train movements. The system also includes an interface for exporting data in TSI format to own systems.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to emergencies and fixed maintenance periods, which are yet to be determined).
3.1.2	Technical characteristics	Use is provided with a username and password to gain access to TIS.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	The use of this service is free of charge.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	The railway undertaking can gain access to data concerning own trains provided by the infrastructure managers with which an Access Agreement has been concluded. TIS is also offered to titleholders who are not qualified as railway undertakings.
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection.
6. Capacity request		
6.1	Access request	Via RailNetEurope (support.tis@rne.eu)
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

24 Description of the application RouteLint

RouteLint		
1. General information		
1.1	Facility	RouteLint is an application that qualifies as a service under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>RouteLint provides the driver with dynamic trip information on the current track occupation on his route. As a result, the driver receives data on trains that are running ahead and the train behind it that is being obstructed. RouteLint also provides information on inserting, branching and intersecting trains and the current delay of the trains on the route and planned arrivals, departures and short stops during the journey (the so-called 'service card').</p> <p>The timetable information shown in the app (the service card) represents only a limited part of the timetable of the displayed train. The complete timetable provided by the train driver remains leading.</p>
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	N/A
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	The use of this service is subject to a charge of € 0.008753 per forecast train kilometre.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	Provision of the RouteLint Interface to provide the driver with real-time information on his route. The information can be accessed in 2 ways: via RouteLint data or via a RouteLint app on the device made available by the railway undertaking.
6. Capacity request		
6.1	Access request	<p>If you want to use ProRail applications, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> If your company is not yet a client of ProRail, you can click here for more information about the request procedure. If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. <p>If you have a ProRail account, you can request access to an application via IDM.</p>
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

25 Description of the application ORBIT

ORBIT		
1. General information		
1.1	Facility	ORBIT is an application that qualifies as a service under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>ORBIT gives a warning to the driver if a red signal, buffer stop or stop sign is approached at too high a speed in the centrally controlled area.</p> <p>The service consists of the supply of:</p> <ol style="list-style-type: none"> 1. Application on the hardware in the train. 2. Orbit monitoring reports and access to the ORBIT Monitoring Application 3. Daily provision of the ORBIT performance data. 4. Implementation of the relevant railway vehicle data at the request of the transport operator 5. The possibility to switch off the sound on the train at the request of the transport operator.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	Railway undertakings arrange hardware in the train. The hardware (On Board Unit) is available as a catalogue item from Strukton. If the railway undertaking already has a suitable hardware platform in the train, the ORBIT Train software can alternatively be supplied as a separate component, whereby the railway undertaking itself realises the integration with its own platform. ProRail can support the study and realisation of this alternative.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	The use of this service is subject to a charge of € 0.007590 per forecast train kilometre. This concerns the charge for the use, the implementation concerns customisation for which a price proposal is made on request.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The railway undertaking shall have appropriate equipment for this purpose.
6. Capacity request		
6.1	Access request	ProRail – request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	Requests will be processed within five working days.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

26 Description of the publication MTPS (Provision of Railway Vehicle and Train Position Service)

Provision of Railway Vehicle and Train Position Service (MTPS)		
1. General information		
1.1	Facility	Provision of Railway Vehicle and Train Position via MTPS is a publication that qualifies as a service under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>The supply of real-time data on train positions on the basis of train detection systems. The GPS positions provided by the railway undertaking are enriched with track data and the resulting train and railway vehicle positions are made available.</p> <p>In addition to the railway undertaking's own use for accurate tracking and tracing of its railway vehicles, the data is also incorporated into SpoorWeb, creating benefits for the railway undertaking in the form of professionalisation of its incident handling. The ability to determine exact locations means that all parties involved can act more quickly in the event of an incident, thereby limiting (environmental) damage and injury, and possibly even saving lives.</p>
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	N/A
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	The use of this publication is free of charge.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	Data is provided via the Internet (https server in combination with certificates).
6. Capacity request		
6.1	Access request	ProRail – request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	Requests will be processed within five working days.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

27 Description of the standard report and provision of data on train service performance

Standard reports and provision of data on train service performance		
1. General information		
1.1	Facility	Standard reports and provision of data on train service performance is a report, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>Standard traffic performance report: report on the various performances of the own train service whereby a choice can be made in terms of product options, delivery frequency and variation (detailing and aggregation level of data), see the table below for a more detailed explanation.</p> <p>Standard monitoring report: a daily standard report with clarifiable deviations of the own train service (registered by ProRail), classified according to cause and delay jumps, including safety incidents and related data.</p> <p>Standard provision of data on traffic performance: provision of measurement data of the performance of the own train service. The report and data concern the main railway network managed by ProRail, excluding the locally controlled areas.</p>
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Depending on the agreed frequency.
3.1.2	Technical characteristics	N/A
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This publication is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	Agreements on the train service performance reports are included in the Access Agreement.
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The information products are delivered to a standard email address specified by the railway undertaking. From this email address, the authorised customer can distribute the products within his own organisation.
6. Capacity request		
6.1	Access request	Via the Performance Analysis Office (PAB@prorail.nl).
6.2	Handling time	Requests will be processed within five working days.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

Detailed explanation of the standard report on the performance of the train service			
Products	Notes	Frequency	Range
Monitoring train deviations	Causes and scale of delay jumps, safety incidents and related data	day/week/month/quarter/year	train series/timetable point/network
Detailed activities	Planning and realisation times at train number level.	day	train number/activity/timetable point
Delays	Arrival and departure activities at timetable points per train number in the event that the standard time specified by the client is exceeded.	day/week	train number/activity/timetable point
Delay counts	Number of arrival and departure delays at a timetable point in a period.	Week/month/quarter/year	train number/activity/timetable point
Punctuality	Arrival and departure activities at timetable points per train series within a standard time specified by the client.	day/week/month/quarter/year	series/activity/timetable point
Connections	Transfer possibilities within a specified transfer standard as given by the railway undertaking.	day/week/month/quarter/year	train number/series/connecting station
Cancellation	Information on non-realised train arrivals for which no replacement train was inserted	day/week/month/quarter/year	train number/train series/activity/timetable point
Orders	Requests for train activities submitted by railway undertakings.	day/week/month	transport operator/network
Tonnages	Tonnages per train whereby a distinction is made between whether the tonnage has been measured or use has been made of the standard weights table	day/week/month	transport operator/train number
Train km	Number of run km per train	day / week / month	transport operator/train number
Parking	Duration of the parking of freight trains on railway yards	day/week/month	transport operator/train number

28 Description of the report Information on train service performance: customised reports, provision of data and analyses

Information on train service performance: customised reports, provision of data and analyses		
1. General information		
1.1	Facility	Information on train service performance: customised reports, provision of data and analyses is a service that falls under category 4 of Annex II to Directive 2012/34/EU
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<ul style="list-style-type: none"> Customised reports: reports in line with client requirements on the traffic performance of the own train service (punctuality, connections, cancellation and registered causes of delays). The customised report can include comparisons in terms of location and time, for example. Customised data provision: receipt of customised data on the performance of the own train service. Customised analyses: receipt of analyses on the own train service, establishing a relationship between the causes and consequences of traffic performance, punctuality and connections, along with an explanation thereof.
3. Description of the facilities		

Information on train service performance: customised reports, provision of data and analyses

3.1	Locations	N/A
3.1.1	Availability	On request
3.1.2	Technical characteristics	N/A
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	On request, depending on specific wishes.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The information products are delivered to a standard email address specified by the railway undertaking. From this email address, the authorised customer can distribute the products within his own organisation.
6. Capacity request		
6.1	Access request	ProRail – request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	Requests will be processed within ten working days.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

29 Description of the application TOON (Information on historic train movements)

TOON		
1. General information		
1.1	Facility	TOON is an application that qualifies as a service under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	TOON makes it possible to review historic train movements in relation to the actual infrastructure situation (signal aspect, switch position, route) at a certain point in time at a certain location.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: working days between 08.00 and 18.00 hrs
3.1.2	Technical characteristics	N/A
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	The use of this service is subject to a charge of € 398 per account.

TOON		
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection.
6. Capacity request		
6.1	Access request	<p>If you want to use ProRail applications, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> If your company is not yet a client of ProRail, you can click here for more information about the request procedure. If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. <p>If you have a ProRail account, you can request access to an application via IDM.</p>
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

30 Description of the application Approval Monitoring

Approval Monitoring		
1. General information		
1.1	Facility	Approval Monitoring is an application, included in the train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	This application enables railway undertakings to accept or reject the causes of train deviations (in the Monitoring System) assigned to railway undertakings. By doing so, the railway undertaking contributes to the quality of the data and the monitoring process. The data provided by this application can also be used to analyse the own process.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	N/A
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	This application is provided as part of the train path service, see section 5.3.1.A graduated scale is used for this service. If more accounts are purchased than agreed in the graduated scale, additional costs of € 995 per account will be charged.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		

Approval Monitoring		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection. Access to the Approval Monitoring application on the ProRail network is provided via a Citrix account.
6. Capacity request		
6.1	Access request	Via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	A maximum handling time of two weeks is set between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

31 Description of the publication providing various measurement data from Quo-Vadis and Hotbox systems

The provision of measurement data from Quo Vadis and Hotbox systems		
1. General information		
1.1	Facility	The provision of measurement data from Quo Vadis and Hotbox systems is an application that falls under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	<p>The system is available in 3 variants:</p> <ul style="list-style-type: none"> Provision of high values. Via an email message with Excel file. The data is available at soonest one day after measurement and at latest 5 days after measurement. Provision of all measurement data. Via a subscription to a FTP server where the raw measurement data is prepared in XML format. This applies to railway vehicles equipped with RFID tags. For railway vehicles equipped with RFID tags, the data are available within minutes. In case of railway vehicles without tags, the data is available at soonest one day after measurement and at latest 5 days after measurement. Customised reports. Delivery depends on wishes. <p>More product information about Quo Vadis is available at materieelimpact@prorail.nl.</p> <p>The measurement data refer to the forces and temperatures of wheels and axles. The railway undertaking can use this data for preventive maintenance of its railway vehicles and for steering and controlling its operating processes. For more information, see also section 7.3.7.1.</p>
3. Description of the facilities		
3.1	Locations	Measurements are taken at 45 Quo Vadis and 31 Hotbox locations.
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: 7x24 hours.
3.1.2	Technical characteristics	<p>a) Provision of high values list A daily list of trains of the relevant railway undertaking that have been measured with higher wheel and axle load values. The list provides the train number, location</p>

The provision of measurement data from Quo Vadis and Hotbox systems		
		<p>and time of the measurement, the axle number, side of the wheel (left or right), the measured speed and the measured values. This variant is offered actively and free of charge to railway undertakings.</p> <p>b) Provision of all measurement data An overview (daily or nearly real time) of all measurement data of trains of the relevant the railway undertaking. This includes the following information:</p> <ol style="list-style-type: none"> 1. peak force 2. axle load 3. skew load 4. train weight 5. train speed 6. temperature of the running surface of the wheels and axle boxes <p>c) Customised reports</p>
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	On request, depending on specific wishes.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	N/A
6. Capacity request		
6.1	Access request	ProRail – request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	The handling time between the request for and granting of access to the application is. <ol style="list-style-type: none"> a) Within one month after request b) Two to three months after request c) Depending on requirements
6.3	Information on capacity availability and temporary capacity restrictions	N/A

32 Description of the application Sherlock

Sherlock		
1. General information		
1.1	Facility	Sherlock is an application that qualifies as a service under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		

Sherlock		
2.1	Description	Sherlock is a software tool that supports users with train performance analysis. The tool collect realisation data from various sources terms and combines these wherever possible. Sherlock includes data on punctuality, train characteristics, rail use, signal passages and intervention measures. Various algorithms serve to enrich the data and provide clarification wherever possible. This helps users to gain an integral view of the (train) performance. Sherlock undergoes continuous development and no guarantee can be given as regards the completeness, availability and reproducibility of the incorporated data.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: working days between 08.00 and 18.00 hrs.
3.1.2	Technical characteristics	Access to the Sherlock application via an external ProRail account.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information related to the user charge	On request, depending on specific wishes
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	The conditions of the disclaimer must be accepted using Sherlock for the first time.
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection.
6. Capacity request		
6.1	Access request	<p>If you want to use ProRail applications, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> If your company is not yet a client of ProRail, you can click here for more information about the request procedure. If your company is already a client of ProRail, but you do not yet have an account, request one via your company administrator. <p>If you have a ProRail account, you can request access to an application via IDM.</p>
6.2	Handling time	Requests will be processed within five working days.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

33 Description of the publication Provision of customised incident-related data

Provision of customised incident-related data		
1. General information		
1.1	Facility	Provision of customised incident-related data is a publication that qualifies as a service under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of this Network Statement.
2. Function		

2	Description	Provision of customised incident-related data (on condition that the data are available in SpoorWeb). These data can be read into own applications or used for analysis purposes. The following data stream is provided: - Current Standard Obstruction Measures (without image) - Data related to an undesired event, limited to specific titleholders.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Standard Obstruction Measures, daily file delivery (1x per day). Other data streams on a 7x24 hour basis. Support management services: during office hours.
3.1.2	Technical characteristics	Standard Obstruction Measures are delivered as one or more data files (XML file). Other data is accessed via a direct data link
3.1.3	Planned changes	None
4. User costs		
4.1	Information regarding user charge	There are no additional costs associated with its use. However, the set-up costs (€3,000) are charged per data stream purchased.
4.2	Information regarding discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).
5.2	Technical requirements made of railway vehicles	N/A
5.3	Self-provision of rail-related services	N/A
5.4	IT systems	No specific conditions
6. Capacity request		
6.1	Access request	Via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	Requests will be processed within ten working days.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

34 Description of the application BUTA (BuitenTermijnAanvragen)

BUTA		
1. General information		
1.1	Facility	BUTA is an application, included in the Train path service falling under category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	The BUTA application is used to record and thus communicate agreements about ProRail's plans to reduce the availability of the infrastructure if this is necessary to carry out repairs to the infrastructure in the short term. The initiative here lies with ProRail.
3. Description of the facility		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of ancillary services: working days between 08.00 and 18.00 hrs.
3.1.2	Technical characteristics	Access to the application via an external ProRail account.

3.1.3	Planned changes	Until May 2022, communication on BUTA will be via ISVL-Buta. From May 2022, ISVL-Buta will be replaced by the <u>temporary</u> Mendix-Buta application due to the fact that ISVL is at the end of its life cycle. In the course of 2023, ProRail will replace the temporary Mendix-Buta with the definitive BUTA application. BUTA will be part of the GMS portal, from which other applications such as WLIS and Order Portal are also accessible.
4. User costs		
4.1	Information related to the user charge	This application is provided as part of the Train path service, see section 5.3.1.
4.2	Information relating to discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	N/A
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection.
6. Capacity request		
6.1	Access request	Via Product Management Information & ICT Services (informatiediensten@prorail.nl).
6.2	Handling time	Requests will be processed within five working days.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

35 Description of the application FRISO (Flexible Rail Infrastructure Simulation Environment)

FRISO		
1 General information		
1.1	Facility	FRISO is an application that qualifies as a service under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2	Description	Through simulation of the train service, FRISO (Flexible Rail Infrastructure Simulation Environment) provides insight into the quality of future and current timetables on a national or local scale. Impact of daily variation and interaction between trains due to infrastructure utilisation, route claims and/or connections can be visualised and quantified. FRISO can be used for infrastructure studies, capacity, robustness and safety analyses and innovation studies. FRISO is supplied with a basic dataset with which the timetable for the coming year can be simulated; this dataset is updated on an annual basis.
3. Description of the facility		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7 x 24 hours Availability of helpdesk: during working days from 09:00 – 17:00 hours.
3.1.2	Technical characteristics??	The application is delivered as a stand-alone executable with installer for a recent MS Windows 64 bit environment. The application uses the simulation platform Enterprise Dynamics; access to this platform is granted on the basis of a separate licence. This

		<p>licence can be supplied (see 4.1 for licence fees) or use can be made of already existing licences.</p> <p>Software requirements</p> <ul style="list-style-type: none"> • Access to simulation platform Enterprise Dynamics Microsoft .NET Framework 4.0 SQL Server Express 2019: you can also choose to use a separate SQL server. • Microsoft.NET Framework 4.0 • SQL Server Express 2019: you can also choose to use a separate SQL server. <p>In that case, the following two redistributables from the Microsoft® SQL Server® 2012 Feature Pack must be installed (64bit):</p> <ul style="list-style-type: none"> ○ Microsoft® System CLR Types for Microsoft® SQL Server® 2012 ○ Microsoft® SQL Server® 2012 Shared Management Objects <p>When installing FRISO, the interaction with the simulation platform Enterprise Dynamics is automatically included for the purpose of online activation. Activation of the licence is necessary after installation.</p>															
3.1.3	Planned changes	No changes foreseen.															
4. User costs																	
4.1	Information regarding user charge??	<p>The use of this application is subject to a charge of € 4,727,-- per account (excluding licence fees).</p> <p>The optional licence fees for the simulation platform Enterprise Dynamics are:</p> <table border="1"> <thead> <tr> <th></th> <th>Units</th> <th>Fee</th> </tr> </thead> <tbody> <tr> <td>System Licence</td> <td>Per year</td> <td>€ 7,100</td> </tr> <tr> <td>Training</td> <td>1 day</td> <td>€ 1,300</td> </tr> <tr> <td>Technical Support (Installation and General)</td> <td>Per 4 hours</td> <td>€ 480</td> </tr> <tr> <td>Other (functional) support</td> <td>TBD</td> <td></td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Multiple users can use one software licence. When used by several persons simultaneously, an extra licence is needed. • The FRISO application can be activated by means of a digital key or dongle. • The FRISO application runs on a laptop or desktop and in an intranet environment. • Multiple Training and Support units and appointments on request. 		Units	Fee	System Licence	Per year	€ 7,100	Training	1 day	€ 1,300	Technical Support (Installation and General)	Per 4 hours	€ 480	Other (functional) support	TBD	
	Units	Fee															
System Licence	Per year	€ 7,100															
Training	1 day	€ 1,300															
Technical Support (Installation and General)	Per 4 hours	€ 480															
Other (functional) support	TBD																
4.2	Information regarding discount on the user charge	N/A															
5. User conditions																	
5.1	Legal requirements	An SLA forms part of the Access Agreement; a draft version will be provided on request via Product Management Information & ICT Services (informatiediensten@prorail.nl).															
5.2	Technical requirements made of railway vehicles	N/A															
5.3	Self-provision of rail-related services	N/A															
5.4	IT systems	<p>Recommended hardware configuration:</p> <ul style="list-style-type: none"> • Processor: 4 GHz+ Quad (or higher) Core • Memory: 16GB but more is better • Hard disk size: min 20GB available • Operating system: Windows 10 • Video: OpenGL® 4.5+ (with 512MB or more) <p>Required software:</p> <ul style="list-style-type: none"> • Microsoft® Excel 															
6. Capacity request																	
6.1	Access request	Via Product Management Information & ICT Services (informatiediensten@prorail.nl).															
6.2	Handling time	Requests will be processed within ten working days.															
6.3	Information on capacity availability and	N/A															

	temporary capacity restrictions	
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36 Description of the application Punctuality Map

Punctuality Map		
1. General information		
1.1	Facility	Punctuality Map is an application that qualifies as a service under category 4 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of this Network Statement.
2. Function		
2	Description	Punctuality Map gives real-time graphical information on the punctuality of passenger train services.
3. Description of the facilities		
3.1	Locations	N/A
3.1.1	Availability	Availability of application: 7x24 hours (subject to fixed times for maintenance to be determined). Availability of helpdesk: during working days from 09:00 – 17:00 hours.
3.1.2	Technical characteristics	The application is made available by means of authorisation via the Internet.
3.1.3	Planned changes	There are no planned changes.
4. User costs		
4.1	Information regarding user charge	The use of this application is free of charge.
4.2	Information regarding discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	The formal punctuality score per railway undertaking is determined by the ProRail Performance Analysis Bureau (PAB), the data shown in the map should not be used as a substitute for the PAB reports.
5.2	Technical requirements made of railway vehicles	N/A
5.3	Self-provision of rail-related services	N/A
5.4	IT systems	The application is accessible from every computer with a recent browser and Internet connection.
6. Capacity request		
6.1	Access request	The Punctuality Map can be accessed via ' Logistics Portal -> Applications '.
6.2	Handling time	Available immediately.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

37 Description of the service NEO Simulation

NEO Simulation		
1 General information		
1.1	Facility	NEO Simulation is a service under Category 4 of Annex II to EU Directive 2012/34.
1.2	Service provider	ProRail

1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2	Description	<p>Railway undertakings can request ProRail to carry out a simulation for them using the NEO Simulator, which is a next-generation experimentation and testing tool. Scenarios are programmed for this purpose, which are then loaded into the simulation environment for testing.</p> <p>ProRail and NS have jointly developed the NEO Simulator. The NEO Simulator can be used to carry out simulations to test, research and evaluate the (safety) effects of innovations on users. This particularly concerns innovations to improve train running. The NEO Simulator is not suitable as a simulator for the training of drivers.</p>
3. Description of the facility		
3.1	Locations	The RailCenter in Amersfoort has a permanent facility that can be used to simulate the train driver's user-experience.
3.1.1	Availability	Availability on the basis of agreements made in advance, which are based on a tailor-made offer. A condition is that experts within ProRail with knowledge of the NEO Simulator are available.
3.1.2	Technical characteristics	Titleholders are offered the opportunity to carry out a simulation together. The simulation takes place at the fixed facility in the RailCenter.
3.1.3	Planned changes	The simulation core of the NEO Simulator will be renewed in the coming years.
4. User costs		
4.1	Information regarding user charge	On the basis of the wishes and the agreed project plan, ProRail will make an offer for the simulation.
4.2	Information regarding discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	Agreements concerning the service will be laid down in an agreement.
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	
6. Capacity request		
6.1	Access request	Via ProRail Account Management (accountmanagement@prorail.nl).
6.2	Handling time	Requests will be processed within ten working days.
6.3	Information on capacity availability and temporary capacity restrictions	An internal employee of a titleholder is always required to set up and run the simulation. The titleholder is responsible for the result to be achieved.

38 Description of the service ProRail ERTMS Integration Lab (PREI)

ProRail ERTMS Integration Lab (PREI)		
1. General information		
1.1	Service	The performance of integration tests by a railway undertaking in the ProRail ERTMS Integration Lab is a service under Category 4 of Annex II to EU Directive 2012/34.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description??	<p>Railway undertakings (but also suppliers of ERTMS rolling stock and ERTMS on-board equipment) can submit a request to ProRail to be allowed to use the available facilities of the ProRail ERTMS Integration Lab to perform (chain) integration tests between ERTMS on-board equipment and the ERTMS trackside equipment of the Dutch main railway infrastructure.¹⁹⁶</p> <p>To this end, the lab shall have a copy of the ERTMS systems as present on the Dutch ERTMS infrastructure, process control system, GSM-R and associated test applications and various interfaces (in accordance with subset 110-111-112). The ProRail ERTMS Integration Lab has various test rooms and also a demonstration room in which the signalman's and driver's workstations have been set up to test operational processes in relation to ERTMS. The user is responsible for the test plan, the test leader, the performance of the test and the test report.</p> <p>The ProRail ERTMS Integration Lab can be used for, among other things:</p> <ul style="list-style-type: none"> - Track-side Train (pre-)Integration tests, including ESC tests as defined in the CCS TSI and TD/011REC1028 - Connection performance tests GSM-R - Transition tests (transitions from ERTMS to ATBEG and vice versa) - Configuration tests - Training and demonstrations <p>For more information see Integration Lab ProRail</p>
3. Description of the facilities		
3.1	Locations	The ProRail ERTMS Integration Lab is located on the third floor of the Railcenter in Amersfoort.
3.1.1	Availability	Availability on the basis of agreements made in advance (reservation system), based on an offer. A condition is that ProRail employees with knowledge of the test applications are available to supervise the tests.
3.1.2	Technical characteristics	Access to the systems - including an ERTMS infrastructure environment and Test Control Logging (TCL) - and the support of lab employees are included. All facilities are adapted to the predefined needs.
3.1.3	Planned changes	ProRail is currently further developing its own ProRail Test Control Log (PTCL), which will enable more test scenarios to be handled in the future. For example, the possibilities with regard to testing transitions (see section 2.3.13) ¹⁹⁷ in the ProRail ERTMS Integration Lab are being expanded. Within the framework of the ERTMS programme, see Appendix 10, a new test environment (baseline 3) will also be created.
4. User costs		
4.1	Information related to the user charge	On the basis of the wishes and the submitted test plan, ProRail will draw up an offer in which a daily fee of € 2,084 will be charged for the use of the ProRail ERTMS Integration Lab.
4.2	Information relating to discount on the user charge	N/A

¹⁹⁶ Article 6 Implementing Regulation 2018/545

¹⁹⁷ The regulations (e.g. the [TD/011REC1028](#)) include various ESC types that deal with transition tests. Only the transition to STM-ATBEG is currently available in the PREI, see description under 2.1, the other ESC types are still being worked on.

5. User conditions		
5.1	Legal requirements	Agreements concerning the service will be laid down in an agreement.
5.2	Technical requirements made of railway vehicles	ERTMS On-board equipment (On Board Unit + On Board Unit adapter) can be connected via subset 111 <i>Note: train equipment must allow for transport via the lift to the 3rd floor in the Railcenter.</i>
5.3	Independent use	N/A <i>A lab employee is always needed as operator of the test environment.</i>
5.4	IT systems	N/A
6. Capacity request		
6.1	Access request	Requests for use of the lab can be submitted via the request form on prorail.nl or by email via ERTMSlab@ProRail.nl Note: If it concerns ESC checks in the context of equipment approval, the applicant must first contact: inzet.spoorvoertuigen@prorail.nl (see section 3.4.1), before capacity can be requested from the lab.
6.2	Handling time	Requests will be processed within ten working days. Based on the final schedule, an offer will be provided two months, but no later than two weeks, before performance.
6.3	Information on capacity availability and temporary capacity restrictions	In view of the rollout of ERTMS within the Netherlands, an increasing demand for testing capacity of the lab is expected. ProRail will make every effort to achieve optimum utilisation of the available testing capacity to the extent that the parties make known their testing needs at an early stage (> six months). This does require some flexibility from the parties. Use of the ProRail ERTMS Integration Lab is awarded on a "first come, first serve" basis.

40 Description of the Mijn Treinen application

Mijn Treinen		
1. General information		
1.1	Facility	"Mijn Treinen" is an application, included in the train path service falling under Category 1 of Annex II to Directive 2012/34/EU.
1.2	Service provider	ProRail
1.3	Term of validity	The service is offered during the term of the Network Statement.
2. Function		
2.1	Description	"Mijn Treinen" shows an overview of all scheduled freight transport operator-related trains for the next 24 hours and running trains with the ability for the railway undertaking to easily perform certain interventions. These include interventions such as: <ul style="list-style-type: none"> - Release of train paths - Changes to train paths - Freight train check-in (GTI)
3. Description of the facility		
3.1	Locations	N/A
3.1.1	Availability	<ul style="list-style-type: none"> • Availability of facility: 7 x 24 hours (subject to fixed maintenance periods). • Availability of ancillary services: 7 x 24 hours.
3.1.2	Technical characteristics	Access to the "Mijn Treinen" option within the web-based application GMS198), which runs on an Internet browser.
3.1.3	Planned changes	During 2023, this service will also become available to railway undertakings focusing on passenger transport and transport contractors.
4. User costs		

¹⁹⁸ GMS is ProRail's Generic HMI (HMI = Human Machine Interface) system. This system forms a single portal for end users within which various functionalities focused on the operation (such as WLIS and the Order Portal) can be launched and handled.

Mijn Treinen		
4.1	Information related to the user charge	This application is provided as part of the train path service, see section 5.3.1.
4.2	Information relating to the discount on the user charge	N/A
5. User conditions		
5.1	Legal requirements	An SLA is part of the Access Agreement, the model version of which can be found on the ProRail website .
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection.
6. Capacity request		
6.1	Access request	<p>If you want to use ProRail applications, you need a ProRail account as a client of ProRail:</p> <ul style="list-style-type: none"> If your railway undertaking is not yet a client of ProRail, you can click for further information on the request procedure. If your railway undertaking is already a client of ProRail, but you do not yet have an account, request one via your administrator. <p>If you have a ProRail account, you can request access to an application via IDM.</p>
6.2	Handling time	A maximum handling time of two weeks applies between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

41 Description of the Wegkennisbank application

Wegkennisbank								
1. General information								
1.1	Facility	Wegkennisbank (Network Database) is an application that qualifies as a service under Category 4 of Annex II to Directive 2012/34/EU.						
1.2	Service provider	NedTrain B.V.						
1.3	Term of validity	The service is offered during the term of the Network Statement.						
2. Function								
2.1	Description	Wegkennisbank is a web application made available by NedTrain B.V. to infrastructure managers and railway undertakings. This service provides data on rail infrastructure managed by ProRail and on NS sites through Signposts drawings enriched with media and documentation.						
3. Description of the facility								
3.1	Locations	N/A						
3.1.1	Availability	Availability of application: 7 x 24 hours (subject to fixed times for maintenance to be determined).						
3.1.2	Technical characteristics	The user is provided with a username and password to gain access to the network database.						
3.1.3	Planned changes	There are no planned changes.						
4. User costs								
4.1	Information related to the user charge	<p>The use of this service is subject to a charge.</p> <table border="1"> <thead> <tr> <th>Number of licenses</th> <th></th> <th>Price per license (excluding VAT)*</th> </tr> </thead> <tbody> <tr> <td><6</td> <td>100%</td> <td>€332.00</td> </tr> </tbody> </table>	Number of licenses		Price per license (excluding VAT)*	<6	100%	€332.00
Number of licenses		Price per license (excluding VAT)*						
<6	100%	€332.00						

Wegkennisbank		
		21 95% €315.40
		35 90% €298.80
		51 85% €282.20
		<66 80% €265.60
		81 75% €249.00
		96 70% €232.40
		<111 65% €215.80
		<126 60% €199.20
		<141 55% €182.60
		From 141 50% €166.00
4.2	Information relating to the discount on the user charge	Users who also provide input to the application receive a discount in certain cases.
5. User conditions		
5.1	Legal requirements	The railway undertaking can access (maintain) data from its own concession lines.
5.2	Technical requirements made of railway vehicles	N/A
5.3	Independent use	N/A
5.4	IT systems	The application is accessible from every computer with a browser and an Internet connection.
6. Capacity request		
6.1	Access request	Via NedTrain B.V., Team IAM/WKB (nsr.nsrwkb@ns.nl)
6.2	Handling time	A maximum handling time of two weeks applies between the request for and granting of access to the application.
6.3	Information on capacity availability and temporary capacity restrictions	N/A

Appendix 24 Conditions for use of the tractive power supply system (sections 5.3.3 and 5.4.1)

The use of the tractive power supply system forms part of the basic access package. This appendix comprises the terms of delivery for the use of the tractive power supply system.

The railway undertaking will in the Access Agreement decide whether or not to use the tractive power supply system, whereby a distinction is made between the Combined Network and the Betuweroute.

Use of the tractive power supply system of the Combined Network

The railway undertaking wishing to use the tractive power supply system is required before contracting the basic access package to provide ProRail:

- With a statement in accordance with the model statement for 'Consumption and Purchase of Electric Tractive Power' (see the), which reflects that the railway undertaking has concluded an agreement with at least one power supplier and has fulfilled all relevant contractual obligations.
- A forecast of the consumption of electric tractive power during the coming 5 years, with a distinction according to consumption on the 1500V DC network and the 25kV AC network.

Use of the tractive power supply system of the Betuweroute and the Zevenaar – Zevenaar Grens route section.

The railway undertaking wishing to use the tractive power supply system is required before contracting the basic access package:

- to inform ProRail of its supplier of electric tractive power;
- the following forecasts of the consumption of electric tractive power:
 - for the next seven years, with an annual forecast, by 15 October of each year;
 - for the coming year, with a quarterly forecast, by 15 October of each year;
 - for the coming calendar year, as accurately as possible, before 15 December;
- the realised consumption of tractive power on the Betuweroute during the past calendar year, accompanied by an approved auditor's statement, annually by 1 April at the latest.

If the railway undertaking is a member of the CIEBR purchasing organisation, CIEBR can submit the aforementioned specifications to ProRail on behalf of the railway undertaking.

The railway undertaking will appoint a programme officer with full authority as referred to in the ACM System Code. The programme officer will accept full programme responsibility for the connections to the electric tractive power system, including the consequences of imbalance and indemnify ProRail against all claims concerning the programme responsibility for the connections of the electric tractive power system. ProRail prefers that the railway undertakings using electric tractive power on the Betuweroute jointly appoint one programme officer.

Free choice of traction energy supplier from 2025 onwards

Based on European electricity legislation, enshrined in the Energy Act, a free choice of electricity supplier applies. Up to now, electricity on the ProRail traction network has been purchased jointly by the railway undertakings through the VIVENS and CIEBR cooperatives as mentioned above. These electricity contracts run until 1 January 2025. From 2025 onwards, ProRail will facilitate free choice of supplier for railway undertakings on its traction network.

Advance payments and factual charge

ProRail will charge a monthly advance to the railway undertakings using electric tractive power. ProRail determines the amount of this advance as a pro rata share, based on the information at its disposal.

ProRail calculate the factual charge for the service in the relevant calendar year and, following expiry of the calendar year, settles this against the paid advances. This takes place as soon as all railway undertakings using electric tractive power have provided a consumption statement (as referred to under the fifth bullet).

Information exchange:

The railway undertaking will, on request, provide ProRail with copies of delivery invoices and cooperate in the annual audit of consumption data by an independent party.

ProRail will on request provide CIEBR with information on the use of the railway infrastructure by railway undertakings that are members of CIEBR with a view to determining the consumption of electric tractive power per railway undertaking, on condition that the relevant railway undertaking grants permission for the provision of this data in the sense of Article 6 General Terms & Conditions to the Access Agreement.

ProRail obliges CIEBR to respect confidentiality and to only use the information for the purpose for which it was provided.

The railway undertaking shall provide ProRail with data per type of electric railway vehicle as described in item 2.2 of Appendix 8.

Appendix 25 Stations (section 7.3.2)

The table below offers an alphabetical list of the available stations, with a classification into one of the station categories 'cathedral', 'mega', 'plus', 'basic' or 'stop' for the purpose of determining the charge. Any newly opened stations not included in the list below are classified as 'basic'.

Name of the station	Station class
Aalten	basic
Abcoude	basic
Akkrum	stop
Alkmaar	plus
Alkmaar Noord	basic
Almelo	plus
Almelo de Riet	basic
Almere Buiten	basic
Almere Centrum	mega
Almere Muziekwijk	basic
Almere Oostvaarders	basic
Almere Parkwijk	basic
Almere Poort	basic
Alphen aan den Rijn	plus
Amersfoort Centraal	mega
Amersfoort Schothorst	basic
Amersfoort Vathorst	basic
Amsterdam Amstel	mega
Amsterdam Arena	stop
Amsterdam Bijlmer ArenA	mega
Amsterdam Centraal	cathedral
Amsterdam Holendrecht	basic
Amsterdam Lelylaan	plus
Amsterdam Muiderpoort	plus
Amsterdam Rai	basic
Amsterdam Science Park	basic
Amsterdam Sloterdijk	mega
Amsterdam Zuid	mega
Anna Paulowna	basic
Apeldoorn	plus
Apeldoorn De Maten	stop
Apeldoorn Osseveld	basic
Appingedam	stop
Arkel	stop
Arnhemuiden	stop
Arnhem Centraal	mega
Arnhem Presikhaaf	basic
Arnhem Velperpoort	basic

Name of the station	Station class
Arnhem Zuid	basic
Assen	basic
Baarn	basic
Bad Nieuweschans	stop
Baflo	stop
Barendrecht	basic
Barneveld Centrum	basic
Barneveld Noord	stop
Barneveld Zuid	stop
Bedum	stop
Beek-Elsloo	basic
Beesd	stop
Beilen	basic
Bergen op Zoom	basic
Best	basic
Beverwijk	basic
Bilthoven	basic
Blerick	basic
Bloemendaal	basic
Bodegraven	basic
Borne	basic
Boskoop	basic
Boskoop Snijdelwijk	stop
Boven Hardinxveld	stop
Bovenkarspel Flora	stop
Bovenkarspel-Grootebroek	basic
Boxmeer	basic
Boxtel	basic
Breda	mega
Breda Prinsenbeek	basic
Breukelen	basic
Brummen	basic
Buitenpost	basic
Bunde	stop
Bunnik	basic
Bussum Zuid	basic
Capelle Schollebaar	basic
Castricum	basic

Name of the station	Station class
Chevremont	stop
Coevorden	basic
Cuijk	basic
Culemborg	basic
Daarlerveen	stop
Dalen	stop
Dalfsen	basic
De Vink	basic
De Westereen	stop
Deinum	stop
Delden	stop
Delft	mega
Delft Campus	basic
Delfzijl	stop
Delfzijl West	stop
Den Dolder	basic
Den Haag Centraal	cathedral
Den Haag HS	mega
Den Haag Laan van NOI	plus
Den Haag Mariahoeve	basic
Den Haag Moerwijk	basic
Den Haag Ypenburg	basic
Den Helder	basic
Den Helder Zuid	basic
Deurne	basic
Deventer	mega
Deventer Colmschate	basic
Didam	basic
Diemen	basic
Diemen Zuid	basic
Animals	basic
Doetinchem	basic
Doetinchem De Huet	basic
Dordrecht	mega
Dordrecht Stadspolders	basic
Dordrecht Zuid	basic
Driebergen-Zeist	plus
Driehuis	basic
Dronryp	stop
Dronten	basic
Duiven	basic
Duivendrecht	plus
Echt	basic
Ede Centrum	stop

Name of the station	Station class
Ede-Wageningen	plus
Eemshaven	stop
Eijsden	stop
Eindhoven Centraal	cathedral
Eindhoven Stadion	stop
Eindhoven Strijp-S	basic
Elst	basic
Emmen	basic
Emmen Zuid	stop
Enkhuizen	basic
Enschede	plus
Enschede De Eschmarke	stop
Enschede Kennispark	basic
Ermelo	basic
Etten-Leur	basic
Eygelshoven	stop
Eygelshoven Markt	stop
Feanwâlden	stop
Franeker	basic
Gaanderen	stop
Geldermalsen	basic
Geldrop	basic
Geleen Oost	stop
Geleen-Lutterade	basic
Gilze-Rijen	basic
Glanerbrug	stop
Goes	basic
Goor	basic
Gorinchem	basic
Gouda	mega
Gouda Goverwelle	basic
Gramsbergen	stop
Grijpskerk	stop
Groningen	mega
Groningen Europapark	basic
Groningen Noord	basic
Grou-Jirnsum	stop
Haarlem	mega
Haarlem Spaarnwoude	basic
Halfweg-Zwanenburg	basic
Harde ('t)	basic
Hardenberg	basic
Harderwijk	basic
Hardinxveld Blauwe Zoom	stop

Name of the station	Station class
Hardinxveld-Giessendam	basic
Haren	basic
Harlingen	basic
Harlingen Haven	stop
Heemskerk	basic
Heemstede-Aerdenhout	basic
Heerenveen	basic
Heerenveen IJstadion	stop
Heerhugowaard	basic
Heerlen	plus
Heerlen Woonboulevard	stop
Heeze	basic
Heiloo	basic
Heino	stop
Helmond	basic
Helmond 't Hout	basic
Helmond Brandevoort	basic
Helmond Brouwhuis	basic
Hemmen-Dodewaard	stop
Hengelo	plus
Hengelo Gezondheidspark	stop
Hengelo Oost	stop
Hertogenbosch ('s-)	mega
Hertogenbosch Oost ('s-)	basic
Hillegom	basic
Hilversum	mega
Hilversum Media Park	basic
Hilversum Sportpark	basic
Hindeloopen	stop
Hoensbroek	stop
Hoevelaken	basic
Hollandsche Rading	basic
Holten	basic
Hoofddorp	plus
Hoogeveen	basic
Hoogezand-Sappemeer	basic
Hoogkarspel	basic
Hoorn	plus
Hoorn Kersenboogerd	basic
Horst-Sevenum	basic
Houten	basic
Houten Castellum	basic
Houthem-St.Gerlach	stop
Hurdegaryp	stop

Name of the station	Station class
IJlst	stop
Kampen	basic
Kampen Zuid	basic
Kapelle-Biezelinge	basic
Kerkrade Centrum	stop
Kesteren	stop
Klarenbeek	stop
Klimmen-Ransdaal	stop
Koog aan de Zaan	basic
Koudum-Molkwerum	stop
Krabbendijke	stop
Krommenie-Assendelft	basic
Kropswolde	stop
Kruiningen-Yerseke	stop
Lage Zwaluwe	stop
Landgraaf	stop
Lansingerland-Zoetermeer	basic
Leerdam	basic
Leeuwarden	plus
Leeuwarden	stop
Camminghaburen	
Leiden Centraal	cathedral
Leiden Lammenschans	basic
Lelystad Centrum	plus
Lichtenvoorde-Groenlo	basic
Lochem	stop
Loppersum	stop
Lunteren	stop
Maarheeze	basic
Maarn	basic
Maarssen	basic
Maastricht	plus
Maastricht Noord	stop
Maastricht Randwyck	basic
Mantgum	stop
Mariënberg	stop
Martenshoek	basic
Meerssen	basic
Meppel	basic
Middelburg	basic
Mook Molenhoek	basic
Naarden-Bussum	basic
Nieuw Amsterdam	stop
Nieuw Vennep	basic

Name of the station	Station class
Nieuwerkerk a/d IJssel	basic
Nijkerk	basic
Nijmegen	mega
Nijmegen Dukenburg	basic
Nijmegen Goffert	basic
Nijmegen Heyendaal	basic
Nijmegen Lent	basic
Nijverdal	basic
Nunspeet	basic
Nuth	stop
Obdam	basic
Oisterwijk	basic
Oldenzaal	basic
Olst	basic
Ommen	basic
Oosterbeek	stop
Opheusden	stop
Oss	basic
Oss West	basic
Oudenbosch	basic
Overveen	basic
Purmerend	basic
Purmerend Overwhere	basic
Purmerend Weidevenne	basic
Putten	basic
Raalte	basic
Ravenstein	basic
Reuver	basic
Rheden	stop
Rhenen	basic
Rijssen	basic
Rijswijk	basic
Rilland-Bath	stop
Roermond	plus
Roodeschool	stop
Roosendaal	plus
Rosmalen	basic
Rotterdam Alexander	plus
Rotterdam Blaak	mega
Rotterdam Centraal	cathedral
Rotterdam Lombardijen	basic
Rotterdam Noord	basic
Rotterdam Stadium	stop
Rotterdam Zuid	basic

Name of the station	Station class
Ruurlo	stop
Santpoort Noord	stop
Santpoort Zuid	stop
Sassenheim	basic
Sauwerd	stop
Schagen	basic
Scheemda	stop
Schiedam Centraal	plus
Schin op Geul	stop
Schinnen	stop
Schiphol Airport	cathedral
Sittard	plus
Sliedrecht	basic
Sliedrecht Baanhoek	basic
Sneek	basic
Sneek Noord	basic
Soest	stop
Soest Zuid	basic
Soestdijk	stop
Spaubeek	stop
Stavoren	stop
Stedum	stop
Steenwijk	basic
Susteren	stop
Swalmen	stop
Tegelen	stop
Terborg	stop
Tiel	basic
Tiel Passewaaij	basic
Tilburg	mega
Tilburg Reeshof	basic
Tilburg Universiteit	basic
Twello	basic
Uitgeest	basic
Uithuizen	stop
Uithuizermeeden	stop
Usquert	stop
Utrecht Centraal	cathedral
Utrecht Leidsche Rijn	basic
Utrecht Lunetten	basic
Utrecht Overvecht	basic
Utrecht Terwijde	basic
Utrecht Vaartsche Rijn	basic
Utrecht Zuilen	basic

Name of the station	Station class
Valkenburg	basic
Varsseveld	stop
Veendam	basic
Veenendaal Centrum	basic
Veenendaal West	basic
Veenendaal-De Klomp	basic
Velp	basic
Venlo	basic
Venray	basic
Vierlingsbeek	stop
Vleuten	basic
Vlissingen	basic
Vlissingen Souburg	stop
Voerendaal	stop
Voorburg	basic
Voorhout	basic
Voorschoten	basic
Voorst-Empe	stop
Vorden	stop
Vriezenveen	stop
Vroomshoop	stop
Vught	basic
Waddinxveen	basic
Waddinxveen Noord	stop
Waddinxveen Triangel	stop
Warffum	stop
Weert	basic
Weesp	plus
Wehl	stop
Westervoort	basic
Wezep	basic

Name of the station	Station class
Wierden	basic
Wijchen	basic
Wijhe	basic
Winschoten	basic
Winsum	basic
Winterswijk	basic
Winterswijk West	stop
Woerden	plus
Wolfheze	stop
Wolvega	basic
Workum	stop
Wormerveer	basic
Zaandam	mega
Zaandam Kogerveld	basic
Zaandijk Zaanse Schans	basic
Zaltbommel	basic
Zandvoort aan Zee	basic
Zetten-Andelst	stop
Zevenaar	basic
Zevenbergen	basic
Zoetermeer	basic
Zoetermeer Oost	basic
Zuidbroek	stop
Zuidhorn	basic
Zutphen	plus
Zwijndrecht	basic
Zwolle	mega
Zwolle Stadshagen	stop

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