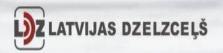
State Joint Stock Company LATVIJAS DZELZCEĻŠ

# Network Statement of the Public-Use Railway Infrastructure of the State Joint Stock Company Latvijas Dzelzceļš

# 2018/2019

(approved by the Decision of the Council of Presidents No. PP-2/10 of 12 January 2018)



## Preface

Pursuant to Section 28 of Railway Law and Cabinet Regulation No. 244 of 19 April 2016, Regulations on the Contents of The Public-Use Railway Infrastructure Network Statement, SJSC Latvijas Dzelzceļš, as the manager of a public-use railway infrastructure, is publishing the network statement of the public-use railway infrastructure managed by SJSC Latvijas Dzelzceļš for the annual working timetable of 2018/2019 (hereinafter – Network Statement).

#### Terms and abbreviations used in Network Statement:

LDz – State Joint Stock Company Latvijas Dzelzceļš;

**LDz railway infrastructure** – public-use railway infrastructure managed by SJSC Latvijas Dzelzceļš (also – LDz Network);

Manager – manager of the public-use railway infrastructure.

Other terms are used in accordance with the definitions contained in the Railway Law and other external laws and regulations.

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#### **1. GENERAL INFORMATION**

#### 1.1. Legal framework. Amendments to Network Statement

The Network Statement for 2018/2019 was approved by the Decision of the Council of Presidents of SJSC Latvijas Dzelzceļš No. PP-2/10 of 12 January 2018.

The Network Statement was prepared taking into account the laws and regulations that are in force on 1 January 2018.

If, after the approval of the Network Statement, any amendments are made to the legislation regulating the issues that are described in the Network Statement and that amend the scope of the rights/obligations of LDz, as well as to other legislation to which reference is made in this Network Statement, the respective legislation should be applied. In this case, the Network Statement may be amended within a reasonable time limit.

The Network Statement shall be amended and/or supplemented by including therein the information to be included in the Network Statement which has been received from third parties.

LDz may amend the Network Statement also in other justified cases.

#### 1.2. Disclaimer

The section of the Network Statement containing the summary of the respective legislation is informative. Applicants for capacity allocation have a responsibility to acquaint themselves with the respective legislation and its amendments in the official publication Latvijas Vēstnesis. The legislation in force at the corresponding moment is applied.

The section of the Network Statement containing information provided by third parties or references to third-party websites is informative. LDz is not responsible for the content of this information and these websites.

LDz is not responsible for the consequences resulting from typing errors or incorrect understanding of the text and is not responsible for the railway infrastructure networks not managed by LDz and not included in this statement.

LDz has no obligation to inform every applicant for capacity allocation separately on the amendments to the Network Statement, as all of them can be found on LDz website <u>www.ldz.lv</u>.

#### 1.3. Period and Area of Network Statement

The Network Statement covers the period of the annual working timetable from 9 December 2018 to 7 December 2019.

The Network Statement contains information on the planned services to be provided within the LDz railway infrastructure in the Republic of Latvia.

#### **1.4. Structure of Network Statement**

The Network Statement consists of:

- information on the Manager and performer of the Manager's essential functions;
- general information on the Network Statement (time period, area, structures);
- description of the LDz railway infrastructure;
- access conditions of the LDz infrastructure;
- requirements for obtaining an operating licence and safety certificate;
- charging and collection conditions;
- capacity allocation rules;
- information submitted by operators of service facility.

#### 2. MANAGER AND PERFORMER OF THE MANAGER'S ESSENTIAL FUNCTIONS

**2.1. Railway infrastructure manager** – State Joint Stock Company Latvijas Dzelzceļš, registration number: 40003032065, registered office: 3 Gogoļa Street, Riga, Latvia, LV-1547, e-mail: info@ldz.lv.

**Functions to be performed**: the management of the railway infrastructure (railway infrastructure maintenance, development), planning, organizing, and supervising the traffic of trains and other rolling stock on the railway tracks within the managed infrastructure, and liability for the management of the control and safety systems.

**2.2. Performer of the infrastructure manager's essential functions** – Joint Stock Company LatRailNet, registration number: 40103361063, registered office: 16 Dzirnavu Street, Riga, Latvia, LV-1010, e-mail: <u>latrailnet@ldz.lv</u>.

**Functions to be performed**: decision-making on infrastructure capacity allocation, the allocation of train paths, including both the determination and evaluation of access and the allocation of individual train paths, as well as the decision-making on infrastructure charges, including the determination and collection of the charges.

#### 3. DESCRIPTION OF THE LDz RAILWAY INFRASTRUCTURE

#### 3.1. Lines of the LDz railway infrastructure

The LDz railway infrastructure lines registered in the register of the State railway administration in accordance with Cabinet Regulation No. 489 of 29 December 1998, National Registration and Inventory Procedure of the Railway Infrastructure (Railway Tracks).

National	
registration	Railway line
index of the	
railway	
infrastructure	
01	Ventspils – Tukums II
02	Tukums II – Jelgava
03	Jelgava – Krustpils
04	Krustpils – Daugavpils
05	Daugavpils – Indra – State border
06	Riga Pasazieru – Krustpils
07	Krustpils – Rezekne
08	Rezekne – Zilupe – State border
09	State border – Karsava – Rezekne
10	Rezekne – Daugavpils
11	Daugavpils – Kurcums – State border
12	State border – Eglaine – Daugavpils
13	Track post on the 524th km – Track post on the 401st km
14	Riga – Jelgava
15	Jelgava – Liepaja
16	Jelgava – Meitene – State border
17	Riga – Lugazi – State border
18	Tornakalns – Tukums II
19	Zemitani – Skulte
20	Ciekurkalns – Riga-Krasta
21	Gluda – Renge – State border
22	Zasulauks – Bolderaja
24	Riga-Precu – Sauriesi*
25	Zemitani – Skirotava
26	Track post on the 191st km – Track post on the 524th km**
27	Plavinas – Gulbene
32	Gulbene – Aluksne***
36	Jaunkalsnava – Veseta
37	Daugavpils junction branch lines
38	Rezekne junction branch lines
	×

\* – open only for the shunting of trainsets;

\*\* – traffic is open in the section between the Track post on the 191st km and Track post on the 383rd km;

\*\*\* – narrow gauge railway line.

#### **3.2.** Access conditions of the LDz infrastructure

#### 3.2.1. Scheme of the LDz railway infrastructure network

The Scheme of the LDz railway network is provided in Annex 1 of the Network Statement.

#### **3.2.2. Traffic capacity and provisions for traffic volume of railway lines**

The traffic capacity and provisions for traffic volume of railway lines are provided in Annex 2 of the Network Statement.

#### **3.2.3. LDz traffic control and safety systems**

The technical equipment with signalling and locking communication systems of the LDz railway infrastructure as well as the locations of the train control units are provided in Annex 3 of the Network Statement.

# **3.2.4.** Lists of the LDz railway infrastructure stations, passing points (block stations, track posts), and stop points

In accordance with Section 19 of the Railway Law, LDz Network consists of:

- 139 stations, of which 74 stations and 2 freight points are open to freight operations (reception and delivery of freight, loading/unloading, etc), (presented in Annex 5 of the Network Statement);
- 22 passing points (railway block stations and track posts) (presented in Annex 6 of the Network Statement);
- 128 stop points, 66 of which are opened for passenger alighting and boarding operations (presented in Annex 7 of the Network Statement).

#### **3.2.5.** List of security posts

The security posts of the LDz railway infrastructure are defined in the "Regulation on security posts", approved by the Order No. D-3.1/98-2013 of 19 March 2013 "On Security Posts" (with amendments), which is published on the LDz website <u>www.ldz.lv</u>, in the section "Normative Documents of the Manager of the Public-Use Railway Infrastructure".

#### **3.2.6.** List of maintenance points of LDz wagons

LDz railway infrastructure contains 6 wagon technical maintenance points located in the following stations:

Jelgava, Daugavpils, Liepaja, Rezekne, Skirotava, Ventspils.

#### 3.2.7. State border control and customs control stations and border crossing points

The state border crossing points, border control and customs control stations on the railway are defined in accordance with Cabinet Regulation No. 704 of 27 July 2010, <u>Regulations on the Border</u> <u>Crossing Points and Check-ups to be Performed Therein</u>, available on the website <u>www.likumi.lv</u>.

As of 1 January 2018, the following border crossing points are situated in the LDz railway infrastructure:

3.2.7.1. on the state border with the **Russian Federation:** 

- Karsava;
- Zilupe;
- Rezekne Precu station (only for goods transported in freight trains);

- Luggage office of the Riga Railway Passenger station (only for goods transported in the luggage wagons of passenger trains);

#### 3.2.7.2. on the state border with the **Republic of Belarus:**

- Indra;

- Daugavpils Precu station (only for goods transported in freight trains);

- Luggage office of the Riga Railway Passenger station (only for goods transported in the luggage wagons of passenger trains).

#### 3.2.7.3. border crossing points where customs control is carried out:

#### for freight trains:

Indra, Karsava, Zilupe, Daugavpils Precu, Rezekne Precu stations,

#### for passenger trains:

Indra, Karsava, Riga Pasazieru, Zilupe stations.

#### 3.3. Conditions and restrictions of the technical operation of the LDz railway infrastructure

#### **3.3.1.** Track gauge and clearances

The track gauge of the public-use railway network is 1 520 mm.

The track gauge of the narrow-gauge line Gulbene – Aluksne is 750 mm. The clearances are determined in accordance with the Latvian State Standard LVS 282:2000 "The clearances of railway construction approximation and rolling stock".

#### 3.3.2. Axle load

The permitted axle load in the public-use railway network is 25.0 t.

#### 3.3.3. Railway gradients

The maximum gradient of the 1st category tracks is 8.4 mm/m (line Daugavpils – Indra); The maximum gradient of the 2nd category tracks is 9.9 mm/m (line Zemitani – Skulte); The maximum gradient of the 3rd category tracks is 12.6 mm/m (line Gulbene – Plavinas);

#### **3.3.4.** Train traffic speed and basic requirements for rolling stock

In accordance with the Cabinet RegulationNo. 724 of 3 August 2010 "Regulations on Railway Technical Operation", the permitted train speed in the LDz railway infrastructure for passenger trains is 120 km/h, for freight trains – up to 90 km/h.

The limitations and characteristics of train traffic speed in the LDz railway infrastructure are determined in accordance with the Order No. D–1.14/117-2015 of 10 June 2015 "On the Determination of Train Traffic Speed" (with amendments), including:

- Annex 1 of the Order The permitted train traffic speeds on main and reception-departure tracks of the LDz infrastructure;
- Annex 2 of the Order List of the maximum permitted speed for suburban-area electric trains on main and station tracks;
- Annex 3 of the Order Terms of passage for six-axle and eight-axle gondola cars and tank wagons in the railway lines and stations;
- Annex 4 of the Order List of operational traction vehicles in the LDz infrastructure;
- Annex 5 of the Order List of stations with level crossings which are set up at the end of the station in a connection point or in a departure line and which must be crossed by the traction vehicle driver (engine driver) with a speed of up to 20 km/h ready to stop before a potential obstacle when the reception or departure of a train takes place while the entrance (route) or exit traffic light is red;
- Annex 6 of the Order List of infrastructure objects where the traffic speed of diesel locomotives 2TE10, 2TE116 and 2M62UM is limited;
- Annex 7 of the Order The permitted traffic speeds and main requirements that shall be observed when transporting self-propelled road machines;
- Annex 8 of the Order The permitted traffic speeds and main requirements that shall be observed when transporting non-self-propelled track machines and special-purpose rolling stock;

The Order is published on the LDz website <u>www.ldz.lv</u>, in the section "<u>Laws and regulations for</u> <u>public use railway infrastructure manager</u>".

#### **3.3.5. Electrified lines**

The LDz railway infrastructure has the following electrified districts:

- Riga Pasazieru station Jelgava;
- Tornakalns Tukums II;
- Riga Pasazieru station Zemitani Skulte;
- Riga Pasazieru station Aizkraukle;
- Zemitani Skirotava.

The voltage of the direct current in the electrified lines is 3.3 kV.

#### 3.3.6. Maximum length and weight of trains

Standards for the length and weight of trains are provided in the Annex 4 of the Network Statement.

#### **3.3.7.** Distances between the registered objects of the LDz railway infrastructure

Distances between the registered objects of the LDz railway infrastructure are provided in the Annex 8.

#### **3.3.8.** Automatic locomotive signalisation system (ALSN)

Historically the 1520 mm track gauge railway system in Latvia has full interoperability with the railway systems of the neighbouring Member States of the European Union (EU) Lithuania and Estonia, as well as such non-EU countries as Russia and Belarus. The same interoperability also applies to the Class B automatic locomotive signalisation system specified in the Annex to the technical specification for interoperability (TSI). The new systems in these countries (for instance, KLUB system and VEPS system) are based on the automatic locomotive signalisation system standard and basically are the latest modifications thereof.

All dispatcher centralisation sections are electrified and equipped with automatic and semiautomatic blockage systems specified in Annex 3 to the Network Statement (also equipped with automatic blockage system) and track sections are equipped with the continuous automatic locomotive signalisation (ALSN) system.

Pursuant to Sub-paragraph 380.<sup>2</sup> of Cabinet Regulation No. 724 of 3 August 2010, traction units shall be equipped with ALSN, ETCS and similar devices or external specific transmission board modules (STM) of the signalisation system, if traction units are intended for use in properly equipped railway infrastructure. The ALSN system is described in the Annex to TSI as the Class B specific transmission module (STM). The technical requirements for the STM module are published on the website of the State Railway Technical Inspectorate available at <u>www.vdzti.gov.lv</u> under section "Laws and regulations", sub-section "Technical specifications for interoperability" under "Signalling".

The servicing of ALSN board units is performed by LDz Signalisation and Communication Department (TD) in regional control points according to the addresses specified in Annex 1 to the regulations approved by the decision of the Council of Presidents No. PP-31/494 of 18 December 2014, <u>Regulations Regarding the Use of Train and Section Radio Cmmunication Equipment</u>, Two-way Park Loudspeaker Equipment (hereinafter – Regulation No. PP-31/494). Regulations are published on the website of LDz available at <u>www.ldz.lv</u> under section "Laws and regulations for public-use railway infrastructure manager". TD address: Gogoļa iela 3, Riga, LV-1547, telephone: +371 67232240, fax: +371 67233444, e-mail: <u>td@ldz.lv</u>

Pursuant to Paragraph 476 of Cabinet Regulation No. 724 of 3 August 2010, the following documents are binding with regard to the procedures for the use of the ALS devices:

- Procedures approved by the order of LDz President No. D-3/269-2011 of 30 May 2011, <u>Procedures for Recording and Review of the Malfunctioning of the Automatic Locomotive</u> <u>Signalisation System of Traction Units and Locomotive Driver Vigilance Equipment</u> (hereinafter – Procedures No. D-3/269) published on the website of LDz available at <u>www.ldz.lv</u> under section "Laws and regulations for public-use railway infrastructure manager";
- Instructions approved by the order of LDz Vice President No. D-3.1./369-2012 of 30 May 2012, Instructions on Handling the Malfunctioning of Traction Unit Communication and Security Devices (hereinafter Instructions No. D-3.1./369) published on the website of LDz available at www.ldz.lv under section "Laws and regulations for public-use railway infrastructure manager".

#### **3.3.9.** Radio communication systems

Railway sections are equipped with train dispatcher communication means, inter-section communication means and other LDz internal communication means. The analogue radio communication means of trains operate in the frequency of 2.13-2.15 MHz and ensure continuous and safe two-way communication of the traction unit driver (locomotive driver) with the train dispatcher (within the range of dispatcher sections), station-masters on duty (within the range of track sections adjacent to the station) and other traction unit drivers (locomotive drivers located in the same section). At the end of 2019 and in 2020, LDz plans to carry out gradual transition from analogue communication to digital communication.

Radio communication devices installed in trains ensure continuous and safe two-way communication between the traction unit driver (locomotive driver) and train dispatcher (within the range of dispatcher sections), station-masters on duty (within the range of track sections adjacent to the station) and other traction unit drivers (locomotive drivers located in the same section).

Pursuant to Sub-paragraph 380.<sup>5</sup> of Cabinet Regulation No. 724 of 3 August 2010, traction units shall be equipped with radio communication devices appropriate for use within a fully operational railway infrastructure.

The servicing of the train radio communication system is ensured by TD in regional control points and repair points according to the addresses listed in Annex 1 to the regulations approved by the decision of the Council of Presidents No. PP-31/494 of 18 December 2014, <u>Regulations Regarding the Use of Train and Section Radio Cmmunication Equipment</u>, <u>Two-way Park Loudspeaker Equipment</u>. Regulations are published on the website of LDz available at <u>www.ldz.lv</u> under section "Laws and regulations for public-use railway infrastructure manager".

Pursuant to Paragraph 476 of Cabinet Regulation No. 724 of 3 August 2010, the following documents are binding with regard to the procedures for the use of the radio communication system:

- Regulations approved by the decision of the Council of Presidents No. PP-31/494 of 18 December 2014, <u>Regulations Regarding the Use of Train and Section Radio</u> <u>Communication Equipment, Two-way Park Loudspeaker Equipment;</u>
- Instructions approved by the order of LDz Vice President No. D-3.1./369-2012 of 30 May 2012, Instructions on Handling the Malfunctioning of Traction Unit Communication and Security Devices (hereinafter Instructions No. D-3.1./369) published on the website of LDz available at www.ldz.lv under section "Laws and regulations for public-use railway infrastructure manager".

#### **3.4. Legislative and operative documents of LDz**

The legislative and operative documents of LDz and amendments thereto, which have been issued on the basis of Section 5, Paragraph 2.<sup>1</sup> of the Railway Law, are published on the LDz website <u>www.ldz.lv</u> under section "Laws and regulations for public-use railway infrastructure manager".

Information regarding capacity restrictions pursuant to point 15 of Annex VII (approved by Commission-delegated decision (EU) 2017/2075 of 4 September 2017) to Directive 2012/34/EU of the European Parliament and of the Council of 21 November 2012 establishing a single European railway area is published on the website of LDz available at <u>www.ldz.lv</u> under section "FOR BUSINESS. Infrastructure capacity restrictions".

## 4. REQUIREMENTS FOR OBTAINING AN OPERATING LICENCE AND A SAFETY CERTIFICATE

In order to obtain the right to use the public-use railway infrastructure, a company must obtain an operating licence and a safety certificate.

The requirements for obtaining an operating licence and a safety certificate are determined by the Railway Law (the version currently in force is available at <u>http://likumi.lv/</u>) and the legal acts issued on the basis of this law:

- Cabinet Regulation No. 558 of 16 August 2016, Regulations on the Licensing of Railway Operators (the version currently in force is available at <a href="http://likumi.lv/">http://likumi.lv/</a>);
- Cabinet Regulation No. 168 of 10 March 2008, Regulations on the Procedure and Criteria for Issuing, Suspending and Revoking the Part A and Part B of a Safety Certificate (the version currently in force is available at <u>http://likumi.lv/</u>);
- European Commission Regulation No. 653/2007 of 13 June 2007 on the use of a common European format for safety certificates and application documents in accordance with Article 10 of Directive 2004/49/EC of the European Parliament and of the Council and on the validity of safety certificates delivered under Directive 2001/14/EC (the version currently in force is available at

http://eur-lex.europa.eu/legal-content/LV/TXT/?uri=CELEX%3A32007R0653).

# **5. INFORMATION REGARDING THE PERFORMER OF MANAGER'S ESSENTIAL FUNCTIONS**

5.1. The amount of infrastructure charge for the access to the railway infrastructure of the infrastructure Manager currently in force is available on the website <u>www.lrn.lv</u>.

5.2. The performer of the Manager's essential functions, JSC LatRailNet, adopted the following Board decisions on 30 June 2017:

5.2.1. No. JALP-1.3/05-2017 (Minutes No. JALP-1.2/31-2017), On the Approval of a Charging Scheme;

5.2.2. No. JALP-1.3/06-2017 (Minutes No. JALP-1.2/32-2017), On the Approval of a Charging Scheme;

5.2.3. No. JALP-1.3/07-2017 (Minutes No. JALP-1.2/33-2017), On the Approval of the Scheme for the Improvement of Performance of the Public-use Railway Infrastructure Network.

The Charging Scheme is available at: <u>http://www.lrn.lv/tiesiskais-regulejums/shemas/</u>

The Collection Scheme is available at: <u>http://www.lrn.lv/tiesiskais-regulejums/shemas/</u>

The Scheme for the Improvement of Performance of the Public-use Railway Infrastructure Network is available at: <u>http://www.lrn.lv/tiesiskais-regulejums/shemas/</u>

The Decision of the Board of the performer of Manager's essential functions No. JALP-1.3/04-2017 of 30 June 2017, Regarding the Application of the Commission Implementing Regulation (EU) 2015/909 of 12 June 2015 on the Modalities for the Calculation of the Cost that is directly Incurred as a Result of Operating the Train Service, is available at <u>http://www.lrn.lv/ek-regula-909-piemorosana/</u>

The Decision of the Board of the performer of Manager's essential functions No. JALP-1.3/01-2016 of 10 March 2016, Regarding the application of the Commission Implementing Regulation (EU) 2015/909 of 12 June 2015 on the Modalities for the Calculation of the Cost that is Directly Incurred as a Result of Operating the Train Service, is available at <u>http://www.lrn.lv/lemums-par-pakapenisku-regulas-prasibu-piemerosanu/</u>

On 29 September 2017, the performer of Manager's essential functions, JSC LatRailNet, approved (Minutes No. JALP-1.2/39-2017) amendments to JSC LatRailNet Regulations No. JALP-7.6/03-2017 of 30 June 2017, The Scheme for the Improvement of Performance of the Public-use Railway Infrastructure Network, and to JSC LatRailNet Regulation No. JALP-7.6/01-2017 of 30 June 2017, Section XI of the Charging Scheme, available at <a href="http://www.lrn.lv/tiesiskais-regulejums/shemas/">http://www.lrn.lv/tiesiskais-regulejums/shemas/</a>

5.3. The list of railway transportation market segments where mark-ups are applied is included in the Infrastructure Charging Scheme.

5.4. The capacity allocation procedures and related time frames are laid down in Section 27 of the Railway Law, in Cabinet Regulation No. 472 of 15 July 2016, Regulations on the Capacity Allocation of the Public-Use Railway Infrastructure (hereinafter – Capacity Regulations), and in the capacity allocation scheme in force developed by the performer of the Manager's essential functions (hereinafter – Capacity Scheme), which is available at <a href="http://www.lrn.lv/tiesiskais-regulejums/shemas/">http://www.lrn.lv/tiesiskais-regulejums/shemas/</a>.

The characteristics and restrictions of the available infrastructure capacity comply with the information provided by the Manager (including the information provided in Chapter 3 of the Network Statement) during the development of the infrastructure capacity allocation plan for the current time period.

5.5. The criteria applied in the infrastructure capacity allocation process:

5.5.1. the procedures according to which applicants may request infrastructure capacity are established in Chapter 2 of the Capacity Regulations and Chapter 2 of the Capacity Scheme;

5.5.2. the requirements applicable to applicants, including the requirements to ensure reasonable expected income for the Manager in the future, are specified in Section 27, Paragraph four of the Railway Law, as well as in the Capacity Regulations and Capacity Scheme;

5.5.3. the schedule and procedures for the submission of applications and infrastructure capacity allocation, which are complied with when requesting information on the planning of the annual working timetable, are laid down in Section 27 of the Railway Law, Chapter 5 of the Capacity Regulations, and Chapters 3 and 6 of the Capacity Scheme;

5.5.4. the principles governing the coordination process and dispute resolution system are established in Chapter 3 of the Capacity Regulations and Chapters 2 and 7 of the Capacity Scheme;

5.5.5. the procedures to be followed and criteria to be applied in the case the infrastructure is congested are laid down in Chapter 4 of the Capacity Regulations and Chapters 2, 4, and 5 of the Capacity Scheme;

5.5.6. information on the restrictions of the use of the infrastructure complies with the information provided by the Manager (including the information provided in Chapter 3 of the Network Statement) during the development of the infrastructure capacity allocation plan for the current time period;

5.5.7. the conditions under which the previous levels of infrastructure congestion are taken into account when determining the capacity allocation priorities, are specified in Section 27, Paragraph three of the Railway Law, Chapters 2 and 5 of the Capacity Regulations, and Chapter 2 of the Capacity Scheme.

5.6. The measures taken to ensure proper handling of freight traffic, international traffic, and requests for spare infrastructure capacity after the development of the annual working timetable are specified in Chapter 5 of the Capacity Regulations and Chapters 1 and 2 of the Capacity Scheme.

5.7. The application form for infrastructure capacity requests is available in Annex 1 to the Capacity Scheme.

5.8. The procedure for the allocation of the international train tracks is established in Chapter 6 of the Capacity Regulations and Chapters 1, 2, and 3 of the Capacity Scheme.

5.9. Currently, the specialised infrastructure status pursuant to Section 27<sup>3</sup> of the Railway Law and the Capacity Regulations has not been assigned.

5.10. The criteria under which it is determined that train tracks are not being used are established in Section 12, Paragraph five of the Railway Law, Chapter 7 of the Capacity Regulations, and Chapter 4 of the Capacity Scheme.

5.11. The procedures for dispute resolution and complaint handling in relation to issues regarding access to the infrastructure and services are included in Chapter 7 of the Capacity Scheme in accordance with Paragraph 25 of the Capacity Regulations.

### 6. INFORMATION REGARDING OPERATORS OF SERVICE FACILITIES

#### 6.1. Operator of a service facility — LDz services

6.1.1. The registration number and registered office of LDz are specified in Section 2.1 of the Network Statement.

- 6.1.2. service "technical maintenance of freight wagons" Information regarding LDz service is available on the website of LDz available at <u>www.ldz.lv</u> under section "FOR BUSINESS. Freight wagons".
- 6.1.3. services "processing of wagons", "processing of trains" and "processing of local wagons" Information regarding LDz service is available on the website of LDz available at <u>www.ldz.lv</u> under section "FOR BUSINESS. Freight wagons".
- 6.1.4. service "servicing and repair works of traction unit ALS board devices" service "servicing and repair works of traction unit ALS board devices" is provided in the extent and according to periodicity specified in Section 10 of Instructions No. D-3.1./369 "Verification of ALSN Devices".

Information regarding LDz service "Servicing and repair works of traction unit ALS board devices" will be available on the website of LDz available at <u>www.ldz.lv</u> under section "FOR BUSINESS. Traction unit board devices".

6.1.5. service "servicing and repair works of traction unit radio communication board devices" service "servicing and repair works of traction unit radio communication board devices" is provided in the extent and according to periodicity specified in Annex 2 to Regulation No. PP-31/494 "Measures and Periodicity for the Technical Maintenance of Radio Communication Devices".

Information regarding LDz service "Servicing and repair works of traction unit radio communication board devices" will be available on the website of LDz available at <u>www.ldz.lv</u> under section "FOR BUSINESS. Traction unit board devices".

### 6.2. Other service facilities connected to the LDz railway infrastructure

The following information about service facilities has been received from operators of service facilities.

6.2.1. **Service facility operator** – Joint Stock Company Baltijas Ekspresis, registration number: 41203009997, legal address: Dzintaru iela 20A, Ventspils, Latvia, LV-3602, e-mail: <u>be@asbe.lv</u>.

Joint Stock Company Baltijas Ekspresis in the capacity of a service facility operator provides the following services at Depo iela 17, Ventspils:

- technical maintenance of TA-2 ČME-3, TEM-2, 2M62 un 2TE116 series diesel locomotives;
- technical maintenance of TA-3 ČME-3 and TEM-2 series diesel locomotives;
- technical repair of TR-1 ČME-3 series diesel locomotives;
- ensuring locomotive preservation and diesel engine regime (heating) during the halt of the locomotives;
- drawing up of route sheets for locomotive brigades;
- locomotive equipping services (sand, cooling water).

Pursuant to Sub-paragraph 5.6.3 of Cabinet Regulation No. 244, information is available on the website of Joint Stock Company Baltijas Ekspresis available at <u>www.asbe.lv</u> under section "Services provided by the service facility operator".

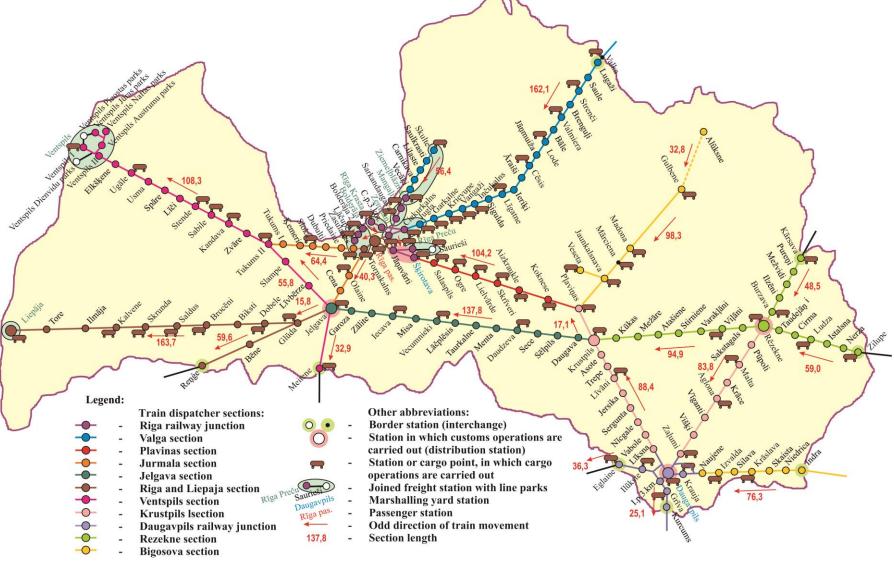
6.2.2. **Service facility operator** – Joint Stock Company Pasažieru vilciens, registration number: 40003567907, registered office: Turgeņeva iela 14, Riga, Latvia, LV-1050, e-mail: <u>pv@pv.ldz.lv</u>.

Joint Stock Company Pasažieru vilciens is the service facility operator at **Daugavpils** and **Rēzekne** ticket offices ensuring the drawing up of transport documents intended for international passenger transportation. More detailed information regarding Joint Stock Company Pasažieru vilciens is available on the website available at <u>www.pv.lv</u> under section "Information for passengers", "Trade of international tickets".

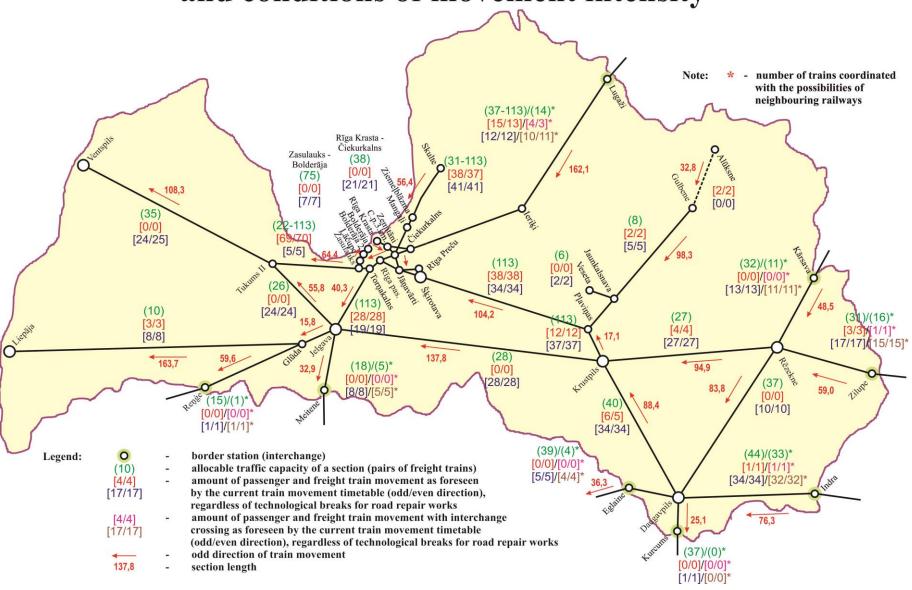
#### 7. SAMPLE AGREEMENT FOR THE CONCLUSION OF A FRAMEWORK AGREEMENT BETWEEN THE PERFORMER OF THE MANAGER'S ESSENTIAL FUNCTIONS AS WELL AS THE INFRASTRUCTURE MANAGER, IF THEIR SCOPE OF ACTIVITY IS CONCERNED, AND THE APPLICANT

Sample agreement for the conclusion of a framework agreement between the performer of the manager's essential functions, as well as the infrastructure manager, if their scope of activity is concerned, and the applicant is forbidden due to the reason that the performer of the manager's essential functions does not offer the conclusion of such agreement. The proposal of concluding a separate agreement and the necessity for concluding such agreement shall be reviewed in accordance with the procedures laid down in laws and regulations.

# Organisation scheme of Latvian railway train movement and cargo operations

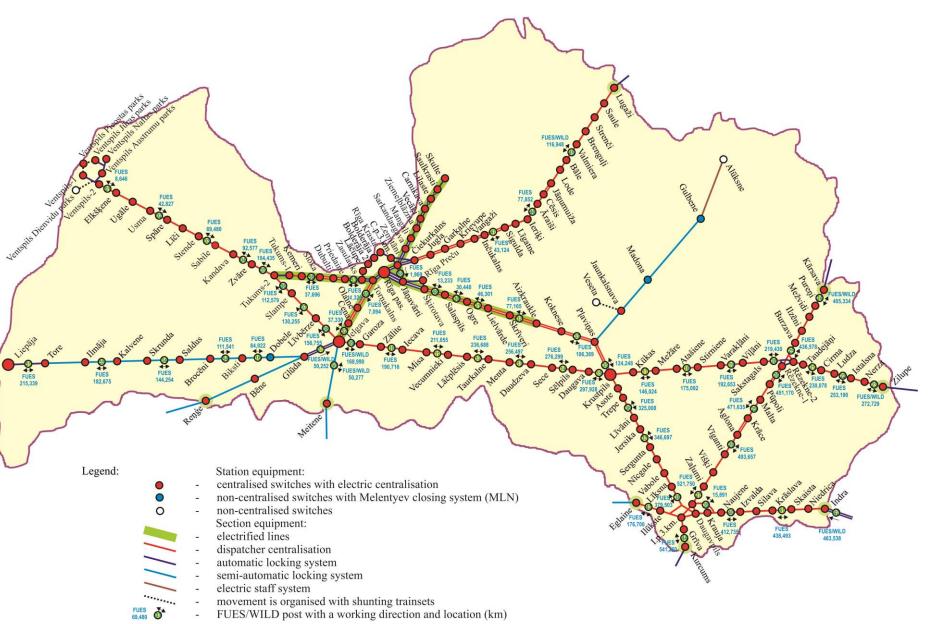


# Allocable traffic capacity of railway sections and conditions of movement intensity

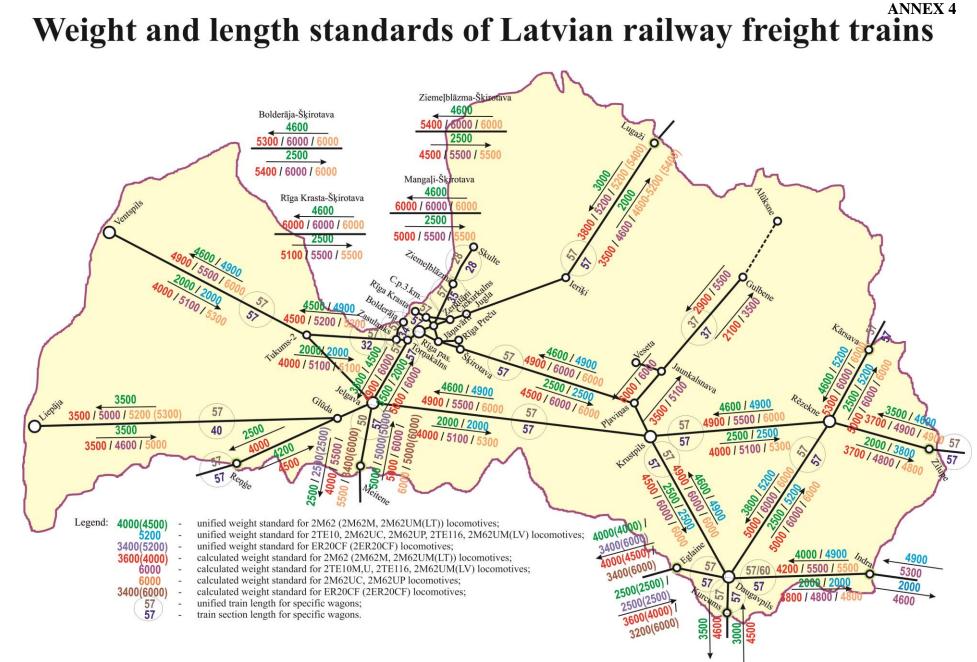


16

# **Equipment of Latvian railway sections**



ANNEX 3



18

## LIST OF RAILWAY STATIONS

- 1. Aglona
- 2. Aizkraukle
- 3. Aluksne
- 4. Araisi
- 5. Atasiene
- 6. Bale
- 7. Bene
- 8. Biksti
- 9. Bolderaja (with parks: Bolderaja I, Bolderaja II)
- 10. Brenguli
- 11. Broceni
- 12. Burzava
- 13. Carnikava
- 14. Cena
- 15. Cesis
- 16. Ciekurkalns
- 17. Cirma
- 18. Daudzeva
- 19. Daugava
- 20. Daugavpils (with parks: Daugavpils Pasazieru, Daugavpils D parks, Daugavpils Skirosanas)
- 21. Dobele
- 22. Dubulti
- 23. Eglaine
- 24. Elkskene
- 25. Garkalne
- 26. Garoza
- 27. Gluda
- 28. Griva
- 29. Gulbene
- 30. Iecava
- 31. Ieriki
- 32. Ilguciems
- 33. Ilmaja
- 34. Ilukste
- 35. Ilzeni
- 36. Incukalns
- 37. Indra
- 38. Istalsna
- 39. Izvalda
- 40. Jāņmuiža
- 41. Jaunkalsnava

- 42. Jelgava (with Jelgava II park)
- 43. Jersika
- 44. Jugla
- 45. Kalvene
- 46. Kandava
- 47. Karsava
- 48. Kemeri
- 49. Koknese
- 50. Kraslava
- 51. Krauja
- 52. Krievupe
- 53. Krustpils
- 54. Kukas
- 55. Kurcums
- 56. Lacplesis
- 57. Lacupe
- 58. Lici
- 59. Lielvarde
- 60. Liepaja
- 61. Ligatne
- 62. Liksna
- 63. Lilaste
- 64. Livani
- 65. Livberze
- 66. Lode
- 67. Ludza
- 68. Lugazi
- 69. Madona
- 70. Malta
- 71. Mangali
- 72. Meitene
- 73. Menta
- 74. Mezare
- 75. Mezvidi
- 76. Misa
- 77. Naujene
- 78. Nerza
- 79. Nicgale
- 80. Niedrica
- 81. Ogre
- 82. Olaine
- 83. Plavinas
- 84. Priedaine
- 85. Pureni
- 86. Renge
- 87. Rezekne (with parks: Rezekne I, Rezekne II, Rezekne II A)

- 88. Riga Krasta
- 89. Riga Pasazieru (with parks: Tornakalns, Vagonu parks)
- 90. Riga Precu
- 91. Sabile
- 92. Sakstagals
- 93. Salaspils
- 94. Saldus
- 95. Sarkandaugava
- 96. Saule
- 97. Saulkrasti
- 98. Sauriesi
- 99. Sece
- 100. Selpils
- 101. Sigulda
- 102. Silava
- 103. Skaista
- 104. Skirotava (with parks: A, C, and Janavarti)
- 105. Skriveri
- 106. Skrunda
- 107. Skulte
- 108. Slampe
- 109. Sloka
- 110. Spare
- 111. Stende
- 112. Stirniene
- 113. Strenci
- 114. Taudejani
- 115. Taurkalne
- 116. Tore
- 117. Trepe
- 118. Tukums I
- 119. Tukums II
- 120. Ugale
- 121. Usma
- 122. Vabole
- 123. Valmiera
- 124. Vangazi
- 125. Varaklani
- 126. Vecaki
- 127. Vecumnieki
- 128. Ventspils (with parks: Ventspils I, Ventspils II, Ventspils Austrumu, Ventspils Naftas, Ventspils Juras)
- 129. Veseta
- 130. Viganti
- 131. Vilani

- 132. Viski
- 133. Zalite
- 134. Zalumi
- 135. Zasulauks
- 136. Zemitani
- 137. Ziemelblazma
- 138. Zilupe
- 139. Zvare

### LIST OF RAILWAY PASSING POINTS (RAILWAY BLOCK STATIONS AND TRACK POSTS)

- 1. B.s. on the 8th km.
- 2. B.s. on the 223rd km.
- 3. T.p. on the 1st km.
- 4. T.p. on the 3rd km.
- 5. T.p. on the 5th km.
- 6. T.p. on the 8th km.
- 7. T.p. on the 14th km.
- 8. T.p. on the 191st km.
- 9. T.p. on the 192nd km.
- 10. T.p. on the 383rd km
- 11. T.p. on the 387th km.
- 12. T.p. on the 401st km.
- 13. T.p. on the 524th km.
- 14. T.p. Inčupe
- 15. T.p. Kleperova
- 16. T.p. Krāce
- 17. T.p. Pūpoli
- 18. T.p. Valka
- 19. P.p. on the 3rd km.
- 20. P.p. Asote
- 21. P.p. Kalniena
- 22. P.p. Sergunta

## LIST OF RAILWAY STOP POINTS

- 1. S.p. on the 210th km\*
- 2. S.p. on the 256th km\*
- 3. S.p. on the 50th  $km^*$
- 4. S.p. on the 525th km\*
- 5. S.p. on the 7th km\*
- 6. S.p. Acone\*
- 7. S.p. Airite\*
- 8. S.p. Alotene
- 9. S.p. Apgulde\*
- 10. S.p. Apsani \*
- 11. S.p. Apsupe\*
- 12. S.p. Ardava\*
- 13. S.p. Asari
- 14. S.p. Atgazene
- 15. S.p. Auce
- 16. S.p. Auri\*
- 17. S.p. BA Turiba
- 18. S.p. Babite
- 19. S.p. Balozi
- 20. S.p. Baltezers
- 21. S.p. Berzupe\*
- 22. S.p. Birze (narrow gauge)
- 23. S.p. Birze\*
- 24. S.p. Blidene\*
- 25. S.p. Brakski\*
- 26. S.p. Brasa
- 27. S.p. Briezi\*
- 28. S.p. Brigi
- 29. S.p. Bulduri
- 30. S.p. Cesvaine
- 31. S.p. Ciemupe
- 32. S.p. Cukurfabrika
- 33. S.p. Dalbe
- 34. S.p. Darzini
- 35. S.p. Daugmale
- 36. S.p. Degas\*
- 37. S.p. Dendrarijs
- 38. S.p. Depo
- 39. S.p. Dimzas\*
- 40. S.p. Dole
- 41. S.p. Dorupe\*
- 42. S.p. Dunduri (narrow gauge)

- 43. S.p. Durbe\*
- 44. S.p. Dzelzava\*
- 45. S.p. Dzintari
- 46. S.p. Dzukste\*
- 47. S.p. Eglupe
- 48. S.p. Elste\*
- 49. S.p. Gaisma
- 50. S.p. Garciems
- 51. S.p. Gardene\*
- 52. S.p. Garupe
- 53. S.p. Gauja
- 54. S.p. Goba\*
- 55. S.p. Ikskile
- 56. S.p. Imanta
- 57. S.p. Jaundubulti
- 58. S.p. Jaungulbene\*
- 59. S.p. Jaunogre
- 60. S.p. Jaunolaine
- 61. S.p. Josta\*
- 62. S.p. Jumprava
- 63. S.p. Kaibala
- 64. S.p. Kalngale
- 65. S.p. Kalsnava
- 66. S.p. Kegums
- 67. S.p. Kisupe
- 68. S.p. Krimunas\*
- 69. S.p. Kudra
- 70. S.p. Kudraine\*
- 71. S.p. Laci\*
- 72. S.p. Lasupe\*
- 73. S.p. Lielupe
- 74. S.p. Ligciems\*
- 75. S.p. Lubiste\*
- 76. S.p. Lutrini\*
- 77. S.p. Majori
- 78. S.p. Malnava\*
- 79. S.p. Marciena
- 80. S.p. Mazeleja\*
- 81. S.p. Medupe\*
- 82. S.p. Melluzi
- 83. S.p. Melturi
- 84. S.p. Mezciems\*
- 85. S.p. Milzkalne
- 86. S.p. Muldakmens
- 87. S.p. Ozolnieki

- 88. S.p. Ozolsala
- 89. S.p. Pabazi
- 90. S.p. Padone\*
- 91. S.p. Paparde (narrow gauge)
- 92. S.p. Parogre
- 93. S.p. Penkule\*
- 94. S.p. Platone\*
- 95. S.p. Pravini\*
- 96. S.p. Pumpuri
- 97. S.p. Pure\*
- 98. S.p. Purini
- 99. S.p. Putani\*
- 100. S.p. Puze\*
- 101. S.p. Robeznieki\*
- 102. S.p. Rudbarzi\*
- 103. S.p. Rumbula
- 104. S.p. Ruzi\*
- 105. S.p. Saulkalne
- 106. S.p. Seda
- 107. S.p. Sieksate\*
- 108. S.p. Silciems
- 109. S.p. Smarde
- 110. S.p. Spigana\*
- 111. S.p. Staburags\*
- 112. S.p. Stameriene (narrow gauge)
- 113. S.p. Sventa\*
- 114. S.p. Tadaiki\*
- 115. S.p. Tiraine
- 116. S.p. Umernieki (narrow gauge)
- 117. S.p. Vadakste\*
- 118. S.p. Vagonu parks
- 119. S.p. Vainava\*
- 120. S.p. Vaivari
- 121. S.p. Vecdaugava
- 122. S.p. Vejini (narrow gauge)
- 123. S.p. Vezukrogs\*
- 124. S.p. Viesturi\*
- 125. S.p. Zalvezers\*
- 126. S.p. Zilani\*
- 127. S.p. Zolitude
- 128. S.p. Zvejniekciems
- Notes: \* stop points are preserved.

### DISTANCES BETWEEN THE REGISTERED OBJECTS OF THE LDZ RAILWAY INFRASTRUCTURE

	Distance (km)				Distance (km)		
Name	Passenger train traffic	Freight train traffic	Service train and locomotive traffic	Name	Passenger train traffic	Freight train traffic	Service train and locomotive traffic
Ventspils – T	'ukums I	I	108 km	Tukums II -	- Jelgava		56 km
Ventspils I park				Tukums II			
Ventspils II park	5	5	5	S.p. Pravini*	11	17	11
Elkskene	7	7	7	Slampe	6		6
S.p. Puze*	11	17	11	S.p. Dzukste*	5		5
Ugale	6		6	S.p. Apsupe*	4	19	4
Usma	10	10	10	Livberze	10		10
Spare	7	7	7	S.p. Brakski*	7	20	7
Lici	11	11	11	Jelgava	13		13
	8	8	8				120.1
Stende	7	7	7	Jelgava – Krustpils			138 km
Sabile	7		7	Jelgava	2	2	2
S.p. Ligciems*	5	12	5	Jelgava II park	12	12	12
Kandava	5		5	Garoza	8	8	8
S.p. Pure*	8	13	8	Zalite			
Zvare		11		Iecava	10	10	10
Tukums II	11	11	11	Misa	11	11	11
Ventspils Juras park				S.p. on the 210th km*	3	9	3
Ventspils Naftas park	3	3	3	Vecumnieki	6		6
Venstpils Austrumu park	3	3	3	S.p. Birze*	9		9
Ventspils II park	3	3	3	S.p. Goba*	4	16	4
Ventspils I park				Lacplesis	3		3
Venstpils Austrumu park	5	5	5				<u> </u>

State Joint Stock Company LATVIJAS DZELZCEĻŠ Statement of the Public-Use Railway Infrastructure for 2018/2019

				Col	ntinuatio		
	D	istance (k	m)		I	Distance (k	m)
Name	Passenger train traffic	Freight train traffic	Service train and locomotive traffic	Name	Passenger train traffic	Freight train traffic	Service train and locomotive
Lacplesis	9	9	9	Liksna	7	7	7
Taurkalne	11	11	11	T.p. on the 383rd km	2	1	2
Menta				S.p. Mezciems*	3	5	
S.p. on the 256th km*	5	9	5	T.p. on the 387th km	3	2	3
Daudzeva	4	0	4	Daugavpils Pasazieru parl	3	3	3
Sece	8	8	8	- Daugavpils State bo			76 kr
S.p. Staburags*	6	15	6	Daugavpils Pasazieru parl	9	9	9
Selpils	7	7	7	Krauja	2	2	2
Daugava				T.p. on the 401st km			
Krustpils	11	11	11	Naujene	6	6	6
Krustpils – D	augavpil	S	89 km	S.p. Putani*	6	12	6
Krustpils				Izvalda	6		6
P.p. Asote	9	9	9	Silava	4	4	4
Тгере	8	8	8	Kraslava	9	9	9
Livani	12	12	12	Skaista	12	12	12
	11	11	11		7	7	7
Jersika	10	10	10	Niedrica	8	8	8
P.p. Sergunta	7	7	7	Indra	5		5
Nicgale	6		6	S.p. Robeznieki*	2	7	2
S.p. Ruzi*	6	12	6	Indra–exp. (State border)			
Vabole	5	5	5				
Liksna	3	3	5				

Service train and locomotive traffic

76 km

	Distance (km)				
Name	Passenger train traffic	Freight train traffic	Service train and locomotive traffic		
Riga Pasazieru	– Krustj	pils	129 km		
Riga Pasazieru					
S.p. Vagonu parks/ Vagonu parks	2	2	2		
Janavarti -	2	2	2		
S.p. Daugmale	2	4	2		
Skirotava A park	2		2		
S.p. Gaisma	2		2		
S.p. Rumbula	1		1		
S.p. Darzini	2	10	2		
S.p. Dole	3		3		
Salaspils -	2		2		
	5		5		
S.p. Saulkalne	5	16	5		
S.p. Ikskile	5	16	5		
S.p. Jaunogre	1		1		
Ogre	1		1		
S.p. Parogre	4		4		
S.p. Ciemupe	6	17	6		
S.p. Kegums	6		6		
Lielvarde	5		5		
S.p. Kaibala	6		6		
S.p. Jumprava	4	21	4		
S.p. Dendrarijs	6				
Skriveri -	0		6		

Continuation of ANNEX 8							
Name	Passenger train traffic	Freight train traffic traffic	Service train and locomotive traffic				
Skriveri							
S.p. Muldakmens	6	10	6				
Aizkraukle	4		4				
Koknese	12	12	12				
S.p. Alotene	8	18	8				
Plavinas	10		10				
S.p. Ozolsala	9	17	9				
Krustpils	8		8				
Skirotava							
Skirotava C park	2	2	2				
Skirotava C park		_	_				
Janavarti	2	2	2				
Krustpils – Rez	ekne II p	ark	95 km				
Krustpils	4		4				
S.p. Zilani*	4	13					
Kukas	9		9				
Mezare	11	11	11				
Atasiene	11	11	11				
Stirniene	16	16	16				
Varaklani	8	8	8				
Vilani	10	10	10				
Sakstagals	14	14	14				
B.p. on the 223rd km	10	10	10				
Rezekne II park	2	2	2				

Statement of the Public-Use Railway Infrastructure for 2018/2019

	Distance (kr	n)	
Name	Passenger train traffic	Freight train traffic	Service train and locomotive traffic
– Rezekne State be		59 km	
Rezekne II park			
	2	2	2
Rezekne II A park	5	5	5
Taudejani			
Cirma	5	5	5
Ludza	12	12	12
Ludza	9	9	9
Istalsna	11	11	11
Nerza			
S.p. Brigi	6	11	6
	5		5
Zilupe	4	4	4
Zilupe–exp. (State border)			
- State border Rezel		<b>I</b> –	49 km
Karsava–exp.			
(State border)	5	5	5
Karsava	2		2
S.p. Malnava*	6	8	6
Pureni			
Mezvidi	8	8	8
	10	10	10
Ilzeni	7	7	7
Burzava	7	7	7
T.p. Kleperova			
Rezekne I	4	4	4

Continuation of ANNEX 8 Distance (km)						
Name	Passenger train traffic	Freight train traffic	Service train E and locomotive traffic			
Rezekne – D	augavpil	S	84 km			
Rezekne I park						
T.p. Pupoli	11	11	11			
Malta	8	8	8			
S.p. Vainava*	8	12	8			
-	4	12	4			
T.p. Krace	6		6			
S.p. Zalvezers*	4	15	4			
S.p. Apsani *	5		5			
Aglona	5		5			
S.p. Ardava*		8				
Viganti	3		3			
Viski	7	7	7			
S.p. Medupe*	6	11	6			
	5		5			
Zalumi	5		5			
S.p. Kudraine*	2	7	2			
T.p. on the 524th km	1		1			
S.p. on the 525th km*	4	5	4			
Daugavpils Skirosanas park	+		-+			

<b>Continuation of ANNEX 8</b>							
	Distance (km)						
	ır lic	ain	ain	/e			

	Γ	Distance (k	<b>m</b> )	
Name	Passenger train traffic	Freight train traffic	Service train and locomotive traffic	N
Daugav Kurcums – S		er	25 km	
Daugavpils Skirosanas				Riga P
park	1.	4	4	Kiga I
P.p. on the 3rd km	2	2	2	Torn
Griva	2.	3	3	S.p. A
	2.	12	12	
Kurcums	2.	6	6	S.p. B.
Kurcums–exp. (State border)				B.s. on t
State border Dauga	0	-	36 km	S.p. 7
Eglaine–exp.				S.p.
(State border)	5	5	5	
Eglaine	7	7	7	S.p. Ja
Ilukste	/	,	/	Ol
	6		6	S.p.
S.p. Sventa*	5	11	5	5.p.
T.p. on the 191st km				С
T.p. on the 192nd km	1	1	1	S.p. O
	2		2	
S.p. on the 7th km*	4	6	4	S.p. Cul
T.p. on the 5th km				Jel
Dn on the 2nd km	2	2	2	
P.p. on the 3rd km	4	4	4	
augavpils Pasazieru parl				Jel
Track post on t Track post on			6 km	S.p. on th
T.p. on the 524th km				S.p. V
T m an 4b - 144 1	1.	1	1	S.p. D
T.p. on the 14th km	1.	5	5	5.p. L
T.p. on the 401st km				G
				S.p.

Name	Passenger train traffic	Freight train traffic	Service train and locomotive traffic
Riga – J	elgava		43 km
Riga Pasazieru	3	3	3
Tornakalns		3	
S.p. Atgazene	2		2
S.p. BA Turiba	1	5	1
B.s. on the 8th km	2		2
S.p. Tiraine	1		1
S.p. Balozi	4	14	4
S.p. Jaunolaine	5		5
Olaine	4		4
S.p. Dalbe	7	12	7
Cena	5	12	5
	- 3		3
S.p. Ozolnieki	4	9	4
S.p. Cukurfabrika	2		2
Jelgava			
Jelgava –	Liepaja	r	180 km
Jelgava	7		7
S.p. on the 50th km*	2		2
S.p. Viesturi*	4	16	4
S.p. Dorupe*			
Gluda	3		3
S.p. Laci*	5	13	5
Dobele	8		8

	I	Distance (k	<b>m</b> )		ontinuatio	Distance (k	
Name	e Passenger train traffic traffic train traffic traf		Passenger train traffic	Freight train traffic	Service train and locomotive		
Dobele	7		7	Jelgava – Meitene	e – State b	order	33 km
S.p. Gardene*	7		7	Jelgava			
S.p. Berzupe*	6	21	6	S.p. Dimzas*	- 8		8
Biksti	- 8		8	S.p. Platone*	6		6
S.p. Josta*	- 8		8	S.p. Vezukrogs*	- 3	28	3
S.p. Blidene*	- 11	27	11	S.p. Briezi*	- 4		4
Broceni	- 8		8	S.p. Mazeleja*	- 3		3
Saldus	6	6	6		- 4		4
	7		7	Meitene Meitene–exp.	- 5	5	5
S.p. Lutrini*	- 4		4	(State border)			
S.p. Lasupe*	- 7	28	7	Riga – Lugazi -	- State bo	rder	166 km
S.p. Airite*	10		10	Riga Pasazieru	- 4	4	4
Skrunda	6		6	Zemitani			
S.p. Sieksate*	- 8	23	8	Ciekurkalns	2	2	2
S.p. Rudbarzi*		25		Jugla	- 4	4	4
Kalvene	9		9	S.p. Baltezers	7	13	7
Ilmaja	- 11	11	11	Garkalne	6		6
S.p. Padone*	6		6	Krievupe	6	6	6
S.p. Durbe*	- 3	19	3	Vangazi	- 5	5	5
S.p. Tadaiki*	- 3		3	Incukalns	- 6	6	6
Tore	- 7		7		- 3		3
	16	16	16	S.p. Eglupe	- 4	13	4
Liepaja				S.p. Silciems	- 6		6
				Sigulda			

Sigulda         11         11         11           Ligatne         10         10         10           Ieriki         4         10         10           Ieriki         4         10         6           Araisi         9         9         9           Cesis         5         5         5           Janmuiza         7         7         7           Lode         9         9         9           Bale         7         7         7           Valmiera         8         8         8           Brenguli         12         12         12           S.p. Seda         11         11         11           Sule         9         9         9           Lugazi         2         2         2           T.p. Valka**         0         0         0           Lugazi-exp. (State border)         0         0         0           Tornakalns park – Tukums II         65 km		Distance (km)				
Ligatne         11         11         11           Ligatne         10         10         10           Ieriki         4         10         6           Araisi         9         9         9           Cesis         5         5         5           Janmuiza         7         7         7           Lode         9         9         9           Bale         7         7         7           Valmiera         8         8         8           Brenguli         12         12         12           S.p. Seda         11         11         11           Saule         9         9         9           Janue         9         9         9           Lugazi         12         12         12           S.p. Seda         11         11         11           Saule         9         9         9         9           Lugazi         2         2         2         2           T.p. Valka**         0         0         0         0           Iugazi-exp.         1         65 km         55 km	Name	Passenger train traffic	Freight train traffic	Service train and locomotive traffic		
Ligatne         10         10         10           Ieriki         4         10         4           S.p. Melturi         6         10         6           Araisi         9         9         9           Cesis         5         5         5           Janmuiza         7         7         7           Lode         9         9         9           Bale         7         7         7           Valmiera         8         8         8           Brenguli         12         12         12           S.p. Seda         11         11         11           Saule         9         9         9         9           Lugazi         2         2         2         2           T.p. Valka**         0         0         0         0           Iugazi-exp. (State border)         -         -         65 km	Sigulda					
Ieriki410S.p. Melturi610Araisi99Araisi99Cesis55Janmuiza77Lode99999Bale77Valmiera88Brenguli1212Strenci314S.p. Seda1111Saule99922Character and the state of the state	Ligatne	11	11	11		
4 $10$ $4$ S.p. Melturi $6$ $6$ Araisi $9$ $9$ Cesis $5$ $5$ Janmuiza $7$ $7$ Lode $9$ $9$ Bale $7$ $7$ Valmiera $8$ $8$ Brenguli $12$ $12$ Strenci $3$ $14$ S.p. Seda $11$ $11$ Saule $9$ $9$ $9$ $9$ $9$ Lugazi $2$ $2$ Casile $0$ $0$ $0$ $0$ $0$ Tornakalns park – Tukums II $65$ km	Ieriki	10	10	10		
Araisi         6         6           Araisi         9         9         9           Cesis         5         5         5           Janmuiza         7         7         7           Lode         9         9         9           Bale         7         7         7           Valmiera         8         8         8           Brenguli         12         12         12           Strenci         3         14         11           Saule         9         9         9           Lugazi         2         2         2           T.p. Valka**         0         0         0           Lugazi-exp.         0         0         0           Tornakalns park – Tukums II         65 km         65 km		4	10	4		
9         9         9           Cesis         5         5           Janmuiza         7         7           Lode         9         9           Bale         7         7           Valmiera         8         8           Brenguli         12         12           Strenci         3         14           S.p. Seda         11         11           Saule         9         9         9           Lugazi         2         2         2           T.p. Valka**         0         0         0           Lugazi-exp. (State border)         -         -         -           Tornakalns park – Tukums II         65 km         -		6	10	6		
Janmuiza         5         5         5           Janmuiza         7         7         7           Lode         9         9         9           Bale         7         7         7           Valmiera         8         8         8           Brenguli         12         12         12           Strenci         3         14         11           Saule         9         9         9           Lugazi         2         2         2           T.p. Valka**         0         0         0           Lugazi-exp. (State border)         1         65 km		9	9	9		
Lode       7       7       7         Bale       9       9       9         Bale       7       7       7         Valmiera       8       8       8         Brenguli       12       12       12         Strenci       3       14       11         Saule       9       9       9         Lugazi       2       2       2         T.p. Valka**       0       0       0         Iugazi-exp.       0       0       0         Tornakalns park – Tukums II       65 km       65 km	Cesis	5	5	5		
Lode       9       9       9         Bale       7       7       7         Valmiera       8       8       8         Brenguli       12       12       12         Strenci       3       14       11         Saule       9       9       9         Lugazi       2       2       2         T.p. Valka**       0       0       0         Iugazi-exp.       0       0       0         Tornakalns park – Tukums II       65 km       65 km	Janmuiza	7	7	7		
Bale       7       7       7         Valmiera       8       8       8         Brenguli       12       12       12         Strenci       3       14       3         S.p. Seda       11       11       11         Saule       9       9       9         Lugazi       2       2       2         T.p. Valka**       0       0       0         Iugazi-exp. (State border)       0       0       0	Lode					
Valmiera       8       8       8         Brenguli       12       12       12         Strenci       3       14       3         S.p. Seda       11       11       11         Saule       9       9       9         Lugazi       2       2       2         T.p. Valka**       0       0       0         Iugazi-exp. (State border)       0       0       0         Tornakalns park – Tukums II       65 km       65 km	Bale					
Brenguli         12         12         12           Strenci         3         3           S.p. Seda         11         11           Saule         9         9         9           Lugazi         2         2         2           T.p. Valka**         0         0         0           Lugazi-exp. (State border)         0         0         65 km	Valmiera		7			
Strenci         3         14         3           S.p. Seda         11         11         11           Saule         9         9         9           Lugazi         2         2         2           T.p. Valka**         0         0         0           Lugazi-exp. (State border)         0         0         0           Tornakalns park – Tukums II         65 km         65 km	Brenguli	8	8	8		
3     3       S.p. Seda     11       Saule     11       9     9       Lugazi     2       T.p. Valka**     0       Lugazi-exp.     0       (State border)     0       Tornakalns park – Tukums II     65 km	Strenci	12	12	12		
Image: Solution of the second system     11     11       Saule     9     9     9       Lugazi     2     2     2       T.p. Valka**     0     0     0       Lugazi-exp. (State border)     0     0     0       Tornakalns park – Tukums II     65 km		3	14	3		
Lugazi999Lugazi222T.p. Valka**000Lugazi-exp. (State border)00Tornakalns park – Tukums II65 km		11	14	11		
ZZZT.p. Valka**00Lugazi-exp. (State border)00Tornakalns park – Tukums II65 km		9	9	9		
Lugazi–exp. (State border)     0     0       Tornakalns park – Tukums II     65 km	Lugazi	2	2	2		
Lugazi–exp. (State border)	_	0	0	0		
	Tornakalns parl	k – Tukur	ns II	65 km		
	Tornakalns park					
I.         4         4           Zasulauks	Zasulauks	1.	4	4		

Continuation of ANNEX 8 Distance (km)						
Name	Passenger train traffic	Freight train traffic	Service train and locomotive traffic			
Zasulauks	1		1			
S.p. Depo	- 1					
S.p. Zolitude	- 1					
S.p. Imanta	- 1	10       1         3       4         4       2         1       1         8       3				
S.p. Babite	- 3		3			
Priedaine	4		4			
S.p. Lielupe	2		2			
S.p. Bulduri	- 1		1			
	- 3	8	3			
S.p. Dzintari	- 1		1			
S.p. Majori	- 1		1			
Dubulti	2		2			
S.p. Jaundubulti	1	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1			
S.p. Pumpuri	- 1		1			
S.p. Melluzi	2					
S.p. Asari						
S.p. Vaivari	- 1					
Sloka	- 3					
S.p. Kudra	- 5	9				
Kemeri	4		4			
S.p. Smarde	- 10		10			
S.p. Milzkalne	- 7	21	7			
Tukums I	- 4		4			
	- 3	3	3			
Tukums II						

	Distance (km)			Co		on of ANN Distance (k	
Passenger train traffic Freight train traffic Service train and locomotive traffic	Name	Passenger train traffic	Freight train traffic	Service train and locomotive			
Zemitani	– Skulte		52 km	Ciekurkalns –	Riga-Kra	nsta	5 km
Zemitani				Ciekurkalns			
S.p. Brasa	2	2	2	S.p. Brasa	2		2
Sarkandaugava	1	1	1	T.p. on the 3rd km	1	1	1
Mangali	3	3	3	Riga–Krasta	2	2	2
Ziemelblazma	3	3	3	Gluda – Renge -	- State bo	order	60 km
S.p. Vecdaugava	3	5	3	Gluda			
Vecaki	2		2	S.p. Krimunas*	7		7
S.p. Kalngale	- 3		3		6 • 4	asta 2 1 2 order 29 30 1	6
	4	12 -	4	S.p. Auri*			4
S.p. Garciems	2		2	S.p. Apgulde*	- 5		5
S.p. Garupe	- 3		3	S.p. Penkule*	7		7
Carnikava	2	2	2	Bene	11		11
S.p. Gauja	- 5	5	5	S.p. Auce	13	30	13
Lilaste	- 6	6	6	S.p. Vadakste*	6		6
S.p. Incupe <b>T.p. Incupe</b>	2		2	Renge	1	1	1
S.p. Pabazi	3	5	3	Renge–exp. (State border)			
Saulkrasti				Zasulauks –	Bolderaj	a	9 km
S.p. Kisupe	2		2	Zasulauks			
S.p. Zvejniekciems	3	8	3	Lacupe	3		3
Skulte	3		3	Bolderaja II park	3	3	3
	I	<u> </u>		Bolderaja I park	3	3	3
							-

2

2

2

Lacupe

Ilguciems

	r	Distance (k	m)		т	ANN Distance (k	NEX 8
Name	train rain rain rain	Name	Passenger train traffic	Freight train traffic	Service train and locomotive traffic		
Riga-Precu	– Sauries	i	9 km	Plavinas –	Gulbene		98 km
Riga - Precu				Plavinas			
S.p. Acone*	5	9	5	S.p. Spigana*	9	19	9
Sauriesi	4		4	Jaunkalsnava	10		10
Janavarti				S.p. Kalsnava*	6	26	6
Riga - Precu	3	3	3	S.p. Marciena	7		7
Skirotava A park				Madona	13		13
Riga - Precu	3	3	3	S.p. Cesvaine	14	-	14
Zemitani – S	Skirotava	<u> </u>	4 km	S.p. Dzelzava*	8		8
Zemitani				S.p. Degas*	7	53	7
Janavarti	4	4	4	S.p. Jaungulbene*	7		7
Track post on t			10 km	S.p. Elste*	7		7
Track post on t	he 524st l	km -		Gulbene	10		10
T.p. on the 191st km	1	1	1		Veget		14 km
T.p. on the 1st km	4		4	Jaunkalsnav	a - veseta	a	14 KM
S.p. Lubiste*	2	6	2	Jaunkalsnava	- 14	14	14
T.p. on the 8th km	3	3	3	Veseta			
T.p. on the 383rd km							
T.p. on the 192nd km	1	1	1				
T.p. on the 1st km	1		-				

	Distance (km)				Distance (km)			
Name	Passenger train traffic	Freight train traffic	Service train and locomotive traffic	Name	Passenger train traffic	Freight train traffic	Service train	
Daugavpils juncti	on branc	h lines	· · · · · ·	Gulbene – .	Aluksne		3	
T.p. on the 387th km				Gulbene				
Daugavpils Skirosanas	3	3	3	S.p. Birze (narrow gauge)	4			
Daugavpils D park				S.p. Purini	2	14		
Daugavpils Pasazieru	1	1	1	S.p. Stameriene	4			
					4			
Daugavpils Pasazieru	3	3	3	P.p. Kalniena	6			
Daugavpils Skirosanas				S.p. Dunduri	1			
T.p. on the 5th km				S.p. Paparde				
Griva	2	2	2	S.p. Umernieki	3	19		
Rezekne junction branch lines			1	S.p. Vejini	4			
Rezekne II park				Aluksne	5			
	3	3	3	Aluksite				
Rezekne I park								
B.s. on the 223rd km	3	3	3					
Rezekne I park		5	5					
T.p. Kleperova								
Rezekne II park	2	2	2					

Notes:

\* – stop points are preserved. In order to begin passenger handling, it is necessary to harmonise their opening with the Directorate of the Real Estate of LDz.

\*\* T. p. Valka – the distance must be calculated from all LDz stations to the station Lugazi + 2 km (plus 2 km). Wagon passing was performed from the direction of the station Valga.

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**Continuation of ANNEX 8** 

Service train and locomotive

33 km

4

2

4

4

6

1

3

4

5

traffic