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**Economic Commission for Europe****Inland Transport Committee****Working Party on Intermodal Transport and Logistics****Sixty-fifth session**

Geneva, 19–21 October 2022

Item 3 (c) of the provisional agenda

**European Agreement on Important International Combined Transport Lines and Related Installations: Implementation of the Agreement****Survey on performance data****Note of the secretariat****I. Introduction**

1. At its previous session in 2021, the Working Party on Intermodal Transport and Logistics (WP.24), when considering options on the monitoring mechanism for the European Agreement on Important International Combined Transport Lines and Related Installations (AGTC), in particular with regard to the mechanism for achieving the AGTC performance targets, agreed that the availability of data for assessing the performance targets should be reviewed. To this end, and in order to take an informed decision, WP.24 requested its secretariat to: (i) collect, possibly through a survey, information on the availability of relevant performance data in the contracting parties to the AGTC, (ii) explore if any such data is collected through the Working Party on Transport Statistics and (iii) research what performance data is made available through various ongoing projects undertaken by various industry associations.

2. This document contains information requested by WP.24.

**II. Availability of data****A. Survey**

3. The secretariat issued a simple survey on the availability of data to measure performance targets as referred to in the AGTC Agreement.

4. The simple survey was disseminated on 17 June 2022 to focal points of all countries, contracting parties to the AGTC. The focal points were requested to complete the survey by 8 July 2022.

5. The survey contained three simple questions:

(a) Do you collect or have access to data collected in your country to measure the performance of freight container trains? If so, please select from the list below the data

collected in your country: (i) on nominal speed, (ii) on length, (iii) on weight, (iv) on axle load versus (v) no train performance data.

(b) Do you collect or have access to data collected in your country to measure the performance at terminals? If so, please select from the list below the data available in your country: (i) on times between acceptance of goods and departure of trains, (ii) on times between arrival of trains and availability of wagons for unloading, (iii) on waiting times for road vehicles versus (iv) no data on performance at terminals

(c) Do you collect or have access to data collected in your country to measure performance at intermediate stations? If so, please select from the list below the data available in your country: (i) on times of stops for exchange of wagons, (ii) on times of stops at border-crossing points, (iii) on times of stops at gauge interchange stations, (iv) on times of stops at ferry links/ports versus (v) no data on performance at intermediate stations.

6. By the time of the preparation of this document, 11 responses have been received from the following countries: Austria, Czechia, Denmark, Germany, Latvia, Lithuania, Norway, Republic of Moldova, Russian Federation, Serbia, Switzerland.

7. Data availability was reported as follows:

(a) Train performance:

<i>Country</i>	<i>Data on train</i>				<i>No train performance data</i>
	<i>nominal speed</i>	<i>length</i>	<i>weight</i>	<i>axle load</i>	
Austria		x	x	x	
Czechia			x		
Denmark					x
Germany					x
Latvia	x	x	x		
Lithuania	x	x	x		
Norway	x	x	x	x	
Republic of Moldova					x
Russian Federation	x	x	x	x	
Serbia					x
Switzerland		x	x		

(b) Performance at terminals:

<i>Country</i>	<i>Data on times between/on</i>			<i>No performance data for terminals</i>
	<i>acceptance of goods and departure of trains</i>	<i>arrival of trains and availability of wagons for unloading</i>	<i>waiting times for road vehicles</i>	
Austria				x
Czechia				x

<i>Data on times between/on</i>				
<i>Country</i>	acceptance of goods and departure of trains	arrival of trains and availability of wagons for unloading	waiting times for road vehicles	<i>No performance data for terminals</i>
Denmark				x
Germany				x
Latvia	x	x		
Lithuania				x
Norway	x	x		
Republic of Moldova				x
Russian Federation	x			
Serbia				x
Switzerland	x	x		

## (c) Performance at intermediate stations

<i>Data on times of stops for/at</i>					
<i>Country</i>	exchange of wagons	border-crossing points	gauge interchange stations	ferry links/ports	<i>No performance data for intermediate stations</i>
Austria					x
Czechia					x
Denmark					x
Germany					x
Latvia	x	x			
Lithuania	x	x			
Norway		x			
Republic of Moldova					x
Russian Federation		x	x		
Serbia					x
Switzerland		x			

8. WP.24 is invited to consider the data availability for assessing performance targets.

## **B. Collection of performance data through the Working Party on Transport Statistics**

9. Working Party on Transport Statistics so far has been not collecting data relevant to assessing performance of freight trains, performance at terminals or at the intermediate stations.

## **C. Availability of data through projects of industry associations**

10. A brief internet desk research has led to the following results: the International Union of Railways (UIC) statistical database – Railisa – does not contain any data on the freight train performance. Data is found on the length of lines and tracks, on the infrastructure network, passenger and freight traffic (e.g. passenger-kilometres and tonne-kilometres), train movements, rolling stock, staff numbers, financial results, but not on average freight train speeds, freight train length or weight.

11. It was then found out that a real time train data concerning international passenger and freight trains is available in Train Information System (TIS) which is administered by RailNet Europe (RNE). TIS is a web-based application. The relevant data is obtained directly from the infrastructure managers' systems. As of 2022 TIS handles 5.8 million single train runs per year. Further to <https://tis.rne.eu/real-time-information/> TIS provides the following feature in real time:

- Real-time train traffic data via the Internet (contracted timetable, forecast, running advice, delays),
- Real-time train information in the TIS graphical interface; it shows real-time visualisation of international trains (network overview, space-time diagrams, train run reports, etc.),
- Collection and exchange of railway traffic data from/with European traffic management systems,
- Incident management.

12. For the performance at terminals, the Rail facilities portal managed jointly by RNE and International Union for Road-Rail Combined Transport (UIRR) was explored. While this portal provides useful information on every terminal included on the portal (much of data is not available yet), no section for information on terminal performance data so far has been included.

13. The availability of data such as in TIS could be further researched. At the same time, WP.24 may wish to discuss how data available from the systems of infrastructure managers on real-time train information could be used to assess the freight train performance and possibly also performance at terminals or intermediate stations.

14. Other information may be available for example in Eurasian Rail Alliance Index (ERAI) and WP.24 may wish to explore these other sources going forward.

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