

Organisation intergouvernementale pour les transports internationaux ferroviaires

Zwischenstaatliche Organisation für den internationalen Eisenbahnverkehr

Intergovernmental Organisation for International Carriage by Rail

# Specifications for the Vehicle Register

In accordance with Article 13 of ATMF

Applicable from xxxxx

	Specifications for the Vehicle Register		Page 2 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

#### **Introductory Provisions**

- 1. These specifications are laid down in accordance with Article 13 § 1 of ATMF which requires that vehicle registers shall be set up according to the specifications adopted by Committee of Technical Experts in the form of one or more electronic data banks containing information concerning the vehicles in respect of which a Certificate of Operation has been issued.
- 2. The specifications in this document have been prepared taking into account the European Vehicle Register as per European Union European Commission Implementing Decision (EU) 2018/1614 of 25 October 2018.
- 3. The Annex to this document, with its Appendices, contain technical and functional specifications which supersede previous specifications on vehicle registers. Previous specifications related to vehicle registers shall therefore become obsolete.
- 4. The texts of these specifications which appear across two columns are identical in substance to corresponding texts of the European Union regulations. Texts which appear in two columns differ; the left-hand column contains the OTIF rules, the righthand column shows the text in the corresponding EU rules. Texts in the righthand column are strictly for information only. For EU law consult the Official Journal of the European Union.
- 5. For the purpose of these specifications "Vehicle Register" refers to the entire IT environment, including hardware, software and including all functions, which allows for storage and retrieval of vehicle data in accordance with these specifications. The Vehicle Register includes any centralised or decentralised vehicle registrations and the European Vehicle Register EVR.
- 6. For the purpose of these specifications "Registrar" refers to the entity responsible for the development and maintenance of all

	Specifications	for the Vehicle Register		Page 3 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

centralised functions of the Vehicle Register.

Until decided otherwise by the Committee of Technical Experts the Registrar shall be the European Union for Railways.

- 7. Unless defined differently in these specifications, the definitions laid down in Article 2 of APTU and Article 2 of ATMF shall apply.
- 8. The following specifications are laid down in UTP Marking and therefore not contained in these specifications:
  - letter marking for hauled passenger stock types of tractive rolling stock and units in a trainset in fixed or pre- defined formation
  - standard numerical marking of wagons
  - codes for the technical characteristics of the hauled passenger stock
  - codes for the technical characteristics of the special vehicles
  - letter marking for wagons
- 9. Contracting States which are also members of the European Union or which apply Commission Decisions (EU) 2018/1614 through an agreement with the EU are <u>not</u> <u>subject</u> to these specifications as long as they implement a register in accordance with the said EU law which is compatible with these specifications.
- 10. The Registrar and Contracting States shall cooperate with a view to ensuring that centralised and decentralised functions of the Vehicle Register are interconnected and operate in accordance with these specifications in order to allow an adequate exchange of data.
- 11. Contracting States which are unable to implement these specifications shall ensure that the information listed in Table 1 in the Annex concerning all vehicles in respect of which a Certificate of Operation has been issued by that Contracting State, including vehicles admitted according to Article 19 of ATMF is stored in an electronic databank.

The information shall be accessible by the competent authorities of all Contracting

	Specifications	for the Vehicle Register		Page 4 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

States, by the Secretary General, by railway undertakings and infrastructure managers, as well as those persons or organisations registering vehicles or identified in the register and that this data is kept updated.

Contracting States concerned shall notify to the Secretary General without delay how the information can be accessed by the relevant parties. The Secretary General shall share this information with all Member States of OTIF and with Regional Economic Integration Organisations that have acceded to COTIF.

12. The Registrar may require fees for its provided services.

Such fees may be required from Contracting States for assistance in connecting the decentralised functions to the centralised functions.

Such fees may be required from vehicle keepers for the registration of vehicles.

The fees shall not exceed the reasonable costs related to the services provided and not include costs related to the establishment and operation of the European Vehicle Register in accordance with EU law.

#### Article 1 Subject matter

These specifications lay		This Decision amends common specifications for the national vehicle registers and lays					
dowr	down the technical and functional specifications						
for the Vehicle Register.		for the European Vehicle Register.					
	Articl Amendments to common specification						
1.	[reserved – covered in the National Vehicle Register specifications]	The Annex to Decision 2007/756/EC is amended in accordance with Annex I to this Decision.					

	Specifications for the Vehicle Register		Page 5 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

#### Article 3 Withdrawal of redundant registrations

1.	[reserved – covered in the National Vehicle Register specifications]	The keeper shall ensure that redundant registrations of vehicles pursuant to point 3.2.5(1) of the Annex to Decision 2007/756/EC as amended by Commission Decision 2011/107/EU are withdrawn from the national vehicle registers within one year from 15 November 2018.
2.	[reserved – covered in the National Vehicle Register specifications]	The keeper shall ensure that redundant registrations of vehicles of third countries intended to run on the Union rail system and registered in a vehicle register in accordance with the specifications of the Annex to Decision 2007/756/EC and connected to the Virtual Vehicle Register specified in that Decision are withdrawn within one year from 15 November 2018.

#### Article 4 Specifications of the Vehicle Register

The technical and functional specifications of the Vehicle Register shall be those laid down in the Annex.

#### Article 5 **Registration entity**

1. Each Contracting State shall designate a registration entity

independent of any railway undertaking

which will be responsible for the processing of the applications and updating of data in the Vehicle Register in relation to vehicles registered in that Contracting State.

within six months after the entry into force of these specifications.	by 15 May 2019.
The registration entity is also referred to as RE.	

2. This registration entity may be the body designated in accordance with

Contracting States
which use the centralised registration shall ensure that those function shall ensure that

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registration entities cooperate and share information in order to communicate the changes in the Vehicle Register in a timely manner.

	Specifications for the Vehicle Register		Page 6 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

3. Where the registration entity is not the body designated in accordance with

the National Vehicle Register specifications, Contracting States shall inform the Secretary General within twelve months after the entry into force of these specifications Article 4(1) of Decision 2007/756/EC, Member States shall inform the Commission and the other Member States by 15 November 2019 at the latest

of the entity designated in accordance with paragraph 1.

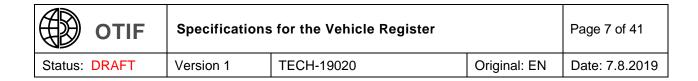
#### Article 6 **Registration of vehicles**

- 1. A keeper shall submit an application for registration through the Vehicle Register to a Contracting State of its choice within the area of use of the vehicle.
- 2. Registration entities shall take reasonable steps to ensure the accuracy of the data registered in the Vehicle Register

#### Article 7 Architecture of the Vehicle Register

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1.	Vehicle data shall be stored either directly in the centralised registration function managed by the Registrar or in a decentralised registration function managed by the Contracting State concerned.	The Agency
	All vehicle data shall be retrievable through the Vehicle Register.	
	Contracting States that will not store their vehicle data in the centralised registration function	
	shall set up and maintain	
	their decentralised registration function in accordance with the specifications in Appendix 7.	the European Vehicle Register in accordance with this Decision.
2	Contracting States that will use the centralised registration function to store their vehicle data shall follow the migration referred to in Article 8.	Following the migration referred to in Article 8, the European Vehicle Register shall be a centralised register and provide a harmonised interface to all users for the consultation, registration of vehicle and data management.
3.	[Reserved]	By derogation from paragraph 1, Member States may use the registration function referred to in point 2.1.4 of Annex II in a de-centralised manner until 16 June 2024 at the latest.



#### 4. Contracting States shall notify

the Secretary General	the Agency
within 6 months after the entry into force of these specifications	by15 May 2019 at the latest

whether they intend to use the centralised registration function setup by the Registrar or to set up a decentralised registration function.

The Secretary General shall forward the information to the Registrar.They sh the cond June 202	ditions laid down in paragraph 5 by 16
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5 Where a Contracting State implements the registration function in a decentralised manner, it shall ensure the compatibility and communication with the

Vehicle Register.	European Vehicle Register.
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It shall also ensure that the de-centralised registration function is operational in accordance with

these specifications.

the European Vehicle Register specifications

by 16 June 2021 at the latest.

6. Contracting States may at any time modify their decision to use a decentralised registration function and instead opt in to the centralised registration function

or vice versa

by notifying

the Secretary General, which shall forward the Agency this information to the Registrar.

The decision shall take effect six months from the notification

#### Article 8 Migration from the national vehicle registers to the vehicle register

1. Contracting States shall ensure that data for registered vehicles is

retrievable through the Vehicle Register.

Vehicle data shall therefore either be

transferred from the national vehicle registers to the

	registration functi		
connected	decentralised	registration	be migrated
function of	the Vehicle Regist	er.	migration, th
			no aistusti an

European Vehicle Register and this data shall be migrated by 16 June 2021. During the migration, the Agency shall coordinate with the registration entities the transition from the

	Specifications for the Vehicle Register		Page 8 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

	The Registrar shall facilitate the transfer and connection of data.	respective national vehicle registers to the EVR and the Agency shall ensure the availability of the IT environment.
2.	The Registrar shall make the	The Agency shall make the European
	Vehicle Register functions available to Memb	per States by 15 November 2020 at the latest.
3.	The Registrar shall define the specifications a decentralised registration function and make	for the implementation of the interfaces with the them available to the Contracting States
	within 6 months after the entry into force of these Specifications.	by 16 January 2020 at the latest.
4.	From 16 June 2021, Contracting States sha accordance with Article 7.	all register vehicles in the Vehicle Register in
5.	[Reserved]	From 16 June 2024, Member States shall use the centralised registration function.
	Articl	e 9

# Repeal

# Article 10 Entry into force and application

Following their adoption by the Committee of Technical Experts these Specifications will enter into force in accordance with Article 35 of COTIF.	This Decision shall enter into force on the twentieth day following that of its publication in the <i>Official Journal of the European Union</i> . Sections 2.2, 2.3, 2.4, 2.5, 3, 4.3, 5 of Annex II
Sections 2.2, 2.3, 2.4, 2.5, 3, 4.3, 5 of the Annex and Appendices 1 to 7 to the Annex shall apply from 16 June 2021.	and Appendices 1 to 6 to that Annex shall apply from 16 June 2021. Done at Brussels, 25 October 2018

	Specifications for the Vehicle Register		Page 9 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

# <u>ANNEX</u>

#### 1. CONTENT AND DATA FORMAT

The content and data format of the Vehicle Register shall be as set out in the following table.

#### **Table 1: Parameters of the VR**

Parameter number	Parameter name	Description	Format	Compulsory/ Optional
1	Vehicle Identification			
1.1	Unique Vehicle Number (EVN)	Numeric identification code as defined in Appendix 6.	See Appendix 6 ( <sup>1</sup> )	Compulsory
1.2	Previous vehicle number	Previous number (if applicable, for renumbered vehicle)		Compulsory (when applicable)
2	State of Registration			
2.1	Contracting State of registration	Contracting State where the vehicle has been registered	2-letter code (*)	Compulsory
3	States where the vehicle is authorised			
3.1	Resulting area of use	Field automatically filled in by the system based on the values of parameter 11.4.	Text	Field automatically filled in by the system based on the values of parameter 11.4.
4	Additional conditions			
4.1	Additional conditions applicable to the vehicle	Identification of applicable bilateral or multilateral agreements such as RIV, RIC, TEN, TEN-CW, TEN-GE,	Text	Compulsory (when applicable)
5	Manufacturing			
5.1	Manufacturing year	Year in which the vehicle left the factory	YYYY	Compulsory

	Specifications for the Vehicle Register		Page 10 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

Parameter number	Parameter name	Description	Format	Compulsory/ Optional
5.2	Manufacturing serial number	Manufacturing serial number as marked on the vehicle frame.	Text	Optional
5.3	ERATV Reference	European Union identification, in the European Register of Authorised Types of Vehicles, of the authorised ( <sup>2</sup> ) vehicle type (or version or variant) the vehicle is in conformity to.	Alphanumeric code(s)	Compulsory when available
5.4	Series	Identification of the series the vehicle is part of.	Text	Compulsory (when applicable)
6	References to UTP Declarations of verification ( <sup>3</sup> )			
6.1	Date of declaration	Date of declaration of verification	Date (YYYYMMD D)	Optional
6.2	UTP declaration reference	Reference to the UTP declaration of verification	For existing vehicles: text. For new vehicles: alphanumeric code based on EIN, see Appendix 2	Optional
6.3	Applicant in the meaning of Article 10 of ATMF			
6.3.1	Organisation name		Text	Compulsory (when available)
6.3.2	Registered business number		Text	Compulsory (when available)
6.3.3	Address	Address of organisation, street and number	Text	Compulsory (when available)
6.3.4	Town		Text	Compulsory (when available)
6.3.5	Country code		2-letter code (*)	Compulsory (when available)
6.3.6	Post code		Alphanumeric code	Compulsory (when available)

	Specifications for the Vehicle Register		Page 11 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

Parameter number	Parameter name	Description	Format	Compulsory/ Optional
6.3.7	E-mail address		E-mail	Compulsory (when available)
6.3.8	Organisation Code		Alphanumeric code	Compulsory (when available)
7	Owner	Identification of the owner of the vehicle		
7.1	Organisation Name		Text	Compulsory
7.2	Registered business number		Text	Compulsory
7.3	Address		Text	Compulsory
7.4	Town		Text	Compulsory
7.5	Country code		2-letter code (*)	Compulsory
7.6	Post code		Alphanumeric code	Compulsory
7.7	E-mail address		E-mail	Compulsory
7.8	Organisation Code		Alphanumeric code	Compulsory
8	Keeper	Identification of the keeper of the vehicle		
8.1	Organisation name		Text	Compulsory
8.2	Registered business number		Text	Compulsory
8.3	Address		Text	Compulsory
8.4	Town		Text	Compulsory
8.5	Country code		2-letter code (*)	Compulsory
8.6	Post code		Alphanumeric code	Compulsory
8.7	E-mail address		E-mail	Compulsory
8.8	Organisation Code		Alphanumeric code	Compulsory
8.9	Vehicle Keeper Marking		Alphanumeric code	Compulsory
9	Entity in charge of maintenance	Reference to the entity in charge of maintenance		
9.1	Organisation name		Text	Compulsory
9.2	Registered business number		Text	Compulsory
9.3	Address		Text	Compulsory
9.4	Town		Text	Compulsory
9.5	Country code		2-letter code (*)	Compulsory

	Specifications for the Vehicle Register		Page 12 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

Parameter number	Parameter name	Description	Format	Compulsory/ Optional
9.6	Post code		Alphanumeric code	Compulsory
9.7	E-mail address		E-mail	Compulsory
9.8	Organisation Code		Alphanumeric code	Compulsory
10	Registration status			
10.1	Registration status (see Appendix 3)		2-digit code	Compulsory
10.2	Registration status date	Date of the status of the registration	Date (YYYYMMD D)	Compulsory
10.3	Registration status reason		Text	Compulsory (when applicable)
11	Admission ( <sup>4</sup> ) to international traffic ( <sup>5</sup> )			
11.1	Name of authorising entity	Competent Authority that issued the Certificate of Operation	Text	Compulsory
11.2	Member State of authorising entity	Member State of Competent Authority	2-letter code (*)	Compulsory
11.3	Unique identification number (EIN)	Harmonised authorisation number for placing in service, generated by authorising entity	Authorisation number. For new vehicles: alphanumeric code based on EIN, see Appendix 2.	Compulsory
11.4	Area of use	As stated in the issued vehicle authorisation.	Text	Compulsory
11.5	Date of authorisation		Date (YYYYMMD D)	Compulsory
11.6	Authorisation valid until (if specified)		Date (YYYYMMD D)	Compulsory (when applicable)
11.7	Date of suspension of authorisation		Date (YYYYMMD D)	Compulsory (when applicable)

	Specifications for the Vehicle Register		Page 13 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

Parameter number	Parameter name	Description	Format	Compulsory/ Optional
11.8	Date of revocation of authorisation		Date (YYYYMMD D)	Compulsory (when applicable)
11.9	Conditions for use of the vehicle and other restrictions on how the vehicle may be used			
11.9.1	Coded conditions for use and restrictions	Conditions for use and restrictions on how the vehicle may be used	List of codes (see Appendix 1).	Compulsory (when applicable)
11.9.2	Non-coded conditions for use and restrictions	Conditions for use and restrictions on how the vehicle may be used	Text	Compulsory (when applicable)
12	Additional fields ( <sup>6</sup> )			

(<sup>1</sup>) Rolling stock placed in service for the first time in Estonia, Latvia or Lithuania and intended to be used outside the European Union as part of common 1 520 mm rail system wagons fleet shall be registered in both the Vehicle Register and the Information Database of the Council of Railway Transport of the Commonwealth of Independent States. In this case, the 8-digit numbering system may

be applied instead of the numbering system specified in Appendix 6.

(<sup>2</sup>) For vehicle types authorised in accordance with EU law: Article 26 of Directive 2008/57/EC and Article 24 of Directive (EU) 2016/797.

 $(^{3})$  It must be possible to specify the references to the EC Declaration of verification of the rolling stock subsystem and the CCS subsystem

<sup>(4)</sup> It must be possible to specify the data for all authorisations granted to the vehicle.

(<sup>5</sup>) Authorisation for placing on the market delivered in accordance with EU law: Chapter V of Directive (EU) 2016/797 or authorisation for placing in service delivered in accordance with Chapter V of Directive 2008/57/EC or in accordance with the authorisation regimes existing before transposition of Directive 2008/57/EC.

<sup>(6)</sup> When appropriate, additional fields as referred to in point 3.2.1.14.

(\*) The codes are those officially published and updated on the European Union website in the *Interinstitutional style guide*. In case of the multinational safety authority Channel Tunnel Intergovernmental Commission, the country code CT shall be used. In case of the European Union Agency for railways, the country code EU shall be used.

#### **2. ARCHITECTURE**

#### 2.1. The EVR architecture

#### 2.1.1. Data search and consultation function (DSC function)

The DSC function shall be implemented by the Registrar via a centralised web-based tool and an interface for machine to machine communication. The function shall enable the searching and consultation of data in the Vehicle Register after authentication.

The DSC function shall provide the registration entities with the means to extract the values of parameters in table 1 of their recorded vehicle registrations

	Specifications for the Vehicle Register			Page 14 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

#### 2.1.2. User creation and administration function (UCA function)

The UCA function shall be implemented via a centralised web-based tool setup by the Registrar. The function shall enable persons and organisations to request access to the Vehicle Register's data and the competent registration entity ('RE') to create users and manage access rights.

#### 2.1.3. Reference data administration function (RDA function)

The RDA function shall be implemented via a centralised web-based tool setup by the Registrar. The function shall enable REs and the Registrar to manage the common reference data.

#### 2.1.4. Application, registration and data storage functions (ARS functions)

The ARS function shall enable keepers, after authentication, to submit applications for registration or update of an existing registration to the selected RE, via a web-based tool presenting the harmonised e-form (see Appendix 4). This function shall also allow the RE to register the registration data. The set of registrations for a given Contracting State shall be referred to as the vehicle register of such Contracting State.

Contracting States may decide to use the centralised ARS function (C-ARS) provided by the Agency or may implement the ARS function autonomously in a de-centralised manner. In the latter case, the Member State and the Registrar shall ensure the compatibility and communication between the de-centralised ARS functions (D-ARS) and the centralised functions (DSC, UCA and RDA).

The centralised ARS function shall provide pre-reservation and management of vehicle numbers. The pre-reservation process shall allow for pre-filling of information required in the e-form by the applicant or the keeper.

#### 2.2. Usability

The Vehicle Register's functions shall be accessible to users with the most commonly used web browsers and in

at least the three working languages of OTIF

all Union official languages.

#### 2.3. Availability

As a general rule, the Vehicle Register shall be permanently available, with a target system availability of 98%.

However, in the case of a failure occurring out of business hours - Monday to Friday from 07:00 to 20:00 Central European Time - the restoration of the service shall be handled the next working day after the failure. The unavailability of the system shall be minimal during the maintenance.

	Specifications for the Vehicle Register		Page 15 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

#### 2.4. Service level

Support shall be provided during business hours by a Help Desk to users on matters related to the use of the system and to the REs on the functioning of the system.

The Registrar shall provide a test environment for the Vehicle Register.

#### 2.5. Change control

The Registrar shall establish a change control management process for the Vehicle Register and propose, where relevant in coordination with the Secretary General, modifications to these specifications to the Committee of Technical Experts.

The Agency shall establish a change control management process for the EVR.

#### 2.6. Data integrity

The Vehicle Register shall ensure appropriate data integrity.

#### 2.7. Pre-check

The Vehicle Register system shall provide automatic checks of data entered in the e-form, including checks against Vehicle Register vehicle registrations completeness check and check of the format of data entered.

#### 2.8. Facilitation of the use in the Union of vehicles registered in third countries

[Reserved]

The Agency may implement the DSC function to allow for relevant entities in third countries to get access to appropriate data of the EVR when an international agreement to which the European Union is party provides for that.

The Agency may allow for the use of EVR functions by entities in third countries when an international agreement to which the European Union is party provides for that.

#### **3. OPERATING MODE**

#### **3.1.** Use of the Vehicle Register

The Vehicle Register may be used for purposes such as:

	Specifications for the Vehicle Register		Page 16 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

- checking if a vehicle is duly registered and the status of the registration;
- retrieving information on
  - the admission to operations the authoris

the authorisations for placing on the market,

including the authorising entity, the area of use, the conditions for use and other restrictions;

- retrieving the reference to the

admitted vehicle type authorised vehicle type

to which the vehicle conforms to;

- identifying the keeper, the owner or the entity in charge of maintenance

#### **3.2.** Registration of vehicles

- 3.2.1. General rules
- 1. A vehicle,

After being admitted to operation in After the authorisation for placing on the market international traffic

and before being operated, shall be registered in the Vehicle Register at the request of the keeper. The keeper shall fill in the e-form and submit the application for registration to one Member State of its choice within the area of use. At the request of the applicant or keeper, the Contracting State chosen for registering the vehicle shall offer procedures for the prereservation of a vehicle number or a range of vehicle numbers.

2. For a given vehicle, only one valid registration may exist in the Vehicle Register. A vehicle without a valid registration may not be operated

in international traffic.

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3. Upon registration, the vehicle is assigned a Unique Vehicle Number (EVN) by the RE in the registering Contracting State. The EVN shall comply with the rules set in

the UTP Marking Appendix 6.

In case the applicant or keeper - upon their request - received a pre-reserved vehicle number, that vehicle number shall be used for the first registration.

4. The EVN may be changed in the cases specified in points 3.2.2.8 and 3.2.2.9.

In case of vehicles entering the Union rail
system from third countries and registered in a
vehicle register not in conformity with this
Annex or not connected to the EVR,

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	Specifications for the Vehicle Register		Page 17 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

the keeper shall submit the application for registration to the

first Contracting State first Member State where the vehicle is intended to be operated on the Union rail system. 6. Rolling stock placed in service for the first time in a third country and intended to be used inside the Union as part of the common 1 520 mm rail system wagons fleet shall not be registered in the EVR. However. in accordance with Article 47(7) of Directive (EU) 2016/797, it shall be possible to retrieve information on the keeper of the vehicle concerned, the entity in charge of its maintenance and the restrictions on how the vehicle may be used. 7. [Reserved] When an international agreement to which the European Union is party provides for that, in case of vehicles entering the Union rail system from third countries and registered in a vehicle register connected to the EVR (via the DSC function), in conformity with this Annex, they shall be registered only in that vehicle register. 8. [Reserved] For each vehicle, the EVR shall contain the references of all authorisations granted to the vehicle and of non-Member States in which the vehicle is admitted to international traffic in accordance with Appendix G to the Convention concerning international carriage by rail, and the corresponding conditions for use and other restrictions. The RE shall take reasonable steps to ensure the accuracy of the data registered in the EVR.

9. The RE shall take reasonable steps to ensure the accuracy of the data registered in the EVR. To this end the RE may request information from other REs, in particular when the keeper applying for registration is established in another Contracting State. The RE may decide to suspend a vehicle registration in duly justified cases.

10.	If a Competent Authority in the meaning of	If either the NSA or the Agency consider
	Article 5 of ATMF considers	

there is a justified case for suspension of registration of a vehicle

	Specifications for the Vehicle Register			Page 18 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

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in accordance with the provisions	s of	in accordance with Article 54 of Regulation
Article 10a of ATMF, it		(EU) $2018/545^1$ , they

shall request the registration entity to suspend it. The registration entity shall suspend the registration without delay upon such a request.

- 11. The keeper shall submit the applications for registration via the electronic web- based form to the competent RE. The web-based form and dashboard shall be made available as part of the ARS function and shall be accessible after authentication.
- 12. Applications for registration may concern a single vehicle or a list of vehicles.
- 13. In some registration cases, Contracting States may require supporting documents to be electronically attached to the application for registration; to that end the RE shall publish the list of supporting documents required in each registration case.
- 14. Besides the data referred to in Table 1, Contracting States may require additional fields to be provided in the registration application; to that end the RE shall publish the list of such fields.
- 15. The Vehicle Register shall provide the keeper and the RE with the possibility to review in the system the applications for registration and their related attachments and provide the recording of registrations and registration changes with the information related to these changes.
- 16. The RE shall register the data in the EVR within 20 working days of the receipt of a complete application. The RE shall, within that deadline, either register the vehicle or request correction or clarification.
- 17. The keeper shall be able to review the progress of its applications via a web-based dashboard.
- 18. The VR shall notify the keeper and RE of any change of status of the application for registration.

#### 3.2.2. Registration cases

The registration cases are specified below. If applicable, different registration cases may be merged in a single vehicle registration application.

#### 3.2.2.1. New registration

All mandatory fields listed in Table 1 shall be filled, together with any additional field required by the Contracting State in accordance with point 3.2.1.14.

<sup>&</sup>lt;sup>1</sup> Commission Implementing Regulation (EU) 2018/545 of 4 April 2018 establishing practical arrangements for the railway vehicle authorisation and railway vehicle type authorisation process (OJ L 90, 6.4.2018, p. 66–104).

	Specifications for the Vehicle Register		Page 19 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

Applications shall be submitted by the keeper to the RE of a Contracting State in the area of use of the vehicle where registration is sought.

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6	from third countries in accordance with point
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In that case the application shall contain at least the information on the identification of the keeper, the entity in charge of maintenance and the restrictions on how the vehicle may be used.

#### 3.2.2.2. Update of an existing registration

Applications shall be submitted by the keeper to the RE of the Contracting State where the vehicle is registered. Only the parameters in Table 1 to be updated shall be filled.

#### 3.2.2.3. Change of keeper

Should a keeper of a vehicle change, it is the responsibility of the currently registered keeper to inform the RE in due time, so that the latter may update the Vehicle Register.

The former keeper shall be removed from the Vehicle Register registration and relieved of its responsibilities only when the new keeper has acknowledged its acceptance of keeper status. If on the date of de-registration of the currently registered keeper no new keeper has accepted the keeper status, the registration of the vehicle shall be suspended.

#### 3.2.2.4. Change of entity in charge of maintenance ('ECM')

When there is a change of ECM of a vehicle, the keeper shall inform the RE in due time, so that the latter may update the Vehicle Register. The former ECM shall deliver the maintenance documentation to either the keeper or the new ECM. The former ECM is relieved of its responsibilities when it is removed from the Vehicle Register registration. If on the date of de-registration of the former ECM any new entity has not acknowledged its acceptance of ECM status, the registration of the vehicle is suspended.

#### 3.2.2.5. Change of owner

When there is a change of owner, the keeper shall inform the RE in due time, so that the latter may update the Vehicle Register

	Specifications for the Vehicle Register		Page 20 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

#### 3.2.2.6. Suspension or reactivation of a registration

The new status<sup>2</sup> and the status reason shall be filled. The status date shall be automatically filled by the Vehicle Register. A vehicle that has its registration suspended may not be operated

In international traffic between Contracting States. on the Union rail system.

A reactivation of a registration after suspension will require the re-examination by the RE of the conditions which caused the suspension and, if applicable, in coordination with the Competent Authority that requested the suspension.

#### 3.2.2.7. Withdrawal of a registration

The new status<sup>2</sup> and the status reason shall be filled. The status date is automatically filled by the system. A vehicle that has its registration withdrawn may not be operated

in international traffic between Contracting States on the Union rail system

under such registration.

#### 3.2.2.8. Change of EVN following technical modifications

The EVN shall be changed when it does not reflect the interoperability capability or technical characteristics in accordance with

1

Section 7	Appendix 6			
European	Union	Commission	Implementing	
Decision (EU) 2018/1614				

due to technical modifications of the vehicle. Such technical modifications may require a

a	new authorisation for placing on the market and, where appropriate, a new vehicle type authorisation, in accordance with Articles 21 and 24 of Directive (EU) 2016/797.
---	--

The keeper shall inform the RE of the Contracting State where the vehicle is registered of those changes and, if applicable,

1

of the new admission to operation or of the new	of the new authorisation for placing on the
authorisation in accordance with EU law.	market.

That RE shall assign to the vehicle a new EVN. The change of EVN consists of a new registration of the vehicle and subsequent withdrawal of the old registration.

<sup>&</sup>lt;sup>2</sup> As set out in Appendix 3.

	Specifications for the Vehicle Register		Page 21 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

#### 3.2.2.9. Change of EVN and of registering Member State

The EVN may be changed at the request of the keeper through a new registration of the vehicle by a different Contracting State in the area of use and subsequent withdrawal of the old registration.

If this new registration concerns a Contracting State which is different from that of the first registration, the RE competent for the new registration may request a copy of the documentation related to the former registration.

The administrative costs incurred by the change shall be covered by the applicant requesting the change, if the Contracting State or the Registrar requires so.

#### 3.2.3. Automatic notification of changes

Following a change to one or more registration items, the Vehicle Register IT system shall send to the keeper and to the concerned Competent Authority for the area of use of the vehicle an automatic e-mail notification informing about the change, when they have subscribed to such notifications.

Following a change of keeper or owner or ECM, the Vehicle Register IT system shall send an automatic e-mail notification to, respectively, the previous keeper and the new keeper or the previous owner and the new owner or the previous ECM and new ECM.

A keeper or owner or ECM or EC declaration issuing body may opt-in the reception of automatic email notifications informing about changes to registrations they are identified within.

#### 3.2.4. Historical records

All data in the Vehicle Register shall be retained for 10 years from the date of withdrawal of a vehicle registration. As a minimum, data shall be available on-line for the first three years. After three years, data may be archived. If at any time during the 10-year period an investigation involving a vehicle or vehicles is started, data relating to those vehicles shall be retained beyond the 10-year period if so required by investigating bodies

referred to in Article 22 of Directive (EU) 2016/798 of the European Parliament and of the Council

or national jurisdictions.

After withdrawal of a vehicle registration, any of the registration numbers assigned to the vehicle shall not be assigned to any other vehicle for 100 years from the date the vehicle registration is withdrawn.

Any changes to the data in the Vehicle Register shall be recorded.

	Specifications for the Vehicle Register		Page 22 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

#### **3.3.** Management of users

#### 3.3.1. Request of user

Any person or organisation shall be able to request access to the Vehicle Register via a web-based (part of the centralised UCA function) form from the competent RE where the person or organisation is located. The RE shall assess the request and, if appropriate, create a user account for the requestor and assign the appropriate access rights in accordance with points 3.3.2 and 3.3.3.

#### 3.3.2. Access rights

The access rights to data of the Vehicle Register are listed in the table below:

Entity	Read rights	Update rights
RE of Member State 'XX'	All data	All data in vehicle register of MS 'XX'
Competent Authority	All data	None
OTIF Secretariat	All Data	None
Registrar	All data	None
Keeper	All data on vehicles of which it is keeper	None
ECM	All data, except owner's references, of vehicles for which it is ECM	None
Owner	All data on vehicles of which it is owner	None
Railway undertaking	All data, except owner's references, based on one or more vehicle numbers	None
Infrastructure manager	All data, except owner's references, based on one or more vehicle numbers	None
Investigating body /Auditing Body/ Regulatory Body as designated by the Contracting States	All data on vehicles being checked or audited	None

	Specifications for the Vehicle Register		Page 23 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

Entity	Read rights	Update rights
EC declaration of verification issuing body (the applicant)	All data on vehicles of which it is EC declaration of verification issuing body (the applicant), except owner's references	None
Other legitimate user recognised by Competent Authority or the Agency ( <sup>1</sup> ), or CS Competent Authority	To be defined as appropriate, duration possibly limited, except owner's references	None

<sup>1</sup>The Registrar shall, in cooperation with the Competent Authorities, define the procedure for recognising legitimate users.

[Reserved]

The access rights to data of EVR may be extended to relevant third country entities or intergovernmental organisation when an international agreement to which the European Union is party provides for that.

#### 3.3.3. Other rights

Keepers shall be able to submit applications for registration.

Any organisation shall be able to submit changes to its own data kept in the reference data (see Section 3.4)

#### 3.3.4. Security

Authentication of users shall be by means of username and password.

The Registrar shall implement state of the art data					
security measures	which	are	reasonable	and	
suitable with respect to the sensitivity of the data					
concerned.					

In the case of keepers (applicants for vehicle registration) and REs, authentication shall provide the assurance level 'substantial' referred to in point 2.2.1 of the Annex to Commission Implementing Regulation (EU) 2015/1502<sup>3</sup>.

<sup>&</sup>lt;sup>3</sup> Commission Implementing Regulation (EU) 2015/1502 of 8 September 2015 on setting out minimum technical specifications and procedures for assurance levels for electronic identification means pursuant to Article 8(3) of Regulation (EU) No 910/2014 of the European Parliament and of the Council on electronic identification and trust services for electronic transactions in the internal market (OJ L 235, 9.9.2015, p. 7).

	Specifications for the Vehicle Register		Page 24 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

#### *3.3.5. Data protection*

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#### **3.4.** Reference data

In order to guarantee the harmonisation of data input in the registration process, the Vehicle Register shall make use of reference data. Vehicle Register reference data for parameters in Table 1 shall be available to keepers in the harmonised e-form via the ARS function.

#### 3.4.1. Update of reference data

The Registrar shall keep reference data updated and available in a central tool (part of the RDA function) in collaboration with the REs. Any organisation recorded in the reference data shall be able to submit changes to its data via a web-based interface. Following an application for registration, the RE shall ensure that the organisation data is recorded in the reference data with allocation of an organisation code by the Registrar or, if already recorded, that the reference data is updated with the new data submitted by the keeper.

#### 3.4.2. Organisation codes

#### 3.4.2.1. Definition of organisation code

An organisation code is a unique identifier, consisting of four alphanumeric characters that shall be assigned by the Registrar to one organisation.

#### 3.4.2.2. Format of organisation codes

For each of the four alphanumeric characters, any of the 26 letters of ISO 8859-1 alphabet or any number from 0 to 9 may be used. Letters are written in capitals.

<sup>&</sup>lt;sup>4</sup> Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1).

	Specifications for the Vehicle Register		Page 25 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

#### 3.4.2.3. Allocation of organisation codes

Any organisation accessing the Vehicle Register or identified therein shall be assigned an organisation code. The Registrar shall publish and keep up-to-date the procedure for the creation and allocation of organisation codes.

A range to be allocated only to companies under scope of TAP and TAF TSI shall be specified in the EVR Guidelines.

#### 3.4.2.4. Publication of the list of organisation codes

The Registrar shall make the list of organisation codes publicly available on its website.

#### 4. **EXISTING VEHICLES**

#### 4.1. Vehicle number

- 1. Vehicles already possessing a 12-digit number shall keep their current number. The 12-digit number shall be registered as such without any modification.
- 2. For vehicles without a 12-digit number<sup>5</sup>, a 12-digit number

(in accordance with UTP Marking)	(in accordance with Appendix 6)

shall be allocated in the Vehicle Register. The Vehicle Register IT system shall link this EVN to the current vehicle number.

the 12-digit number shall physically applied to the vehicle not later than six years after the number is registered in the Vehicle Register.	For vehicles used in international traffic, except those reserved for historical use, the 12-digit number is physically applied to the vehicle itself within a period of six years after allocation in the EVR.
	For vehicles used in domestic traffic and for those reserved for historical use, the physical application of the 12-digit number is voluntary.

# 4.2. Procedure for the migration from national vehicle registers (NVRs) to the Vehicle Register

The entity previously responsible for vehicle registration

, if this entity is not itself the RE,

<sup>&</sup>lt;sup>5</sup> Without prejudice to footnote (1) of Table 1.

	Specifications for the Vehicle Register			Page 26 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

shall make all information available to the RE of the country where it is located.

Existing vehicles shall be registered only by one of the following Member States:

- The State where the vehicle was first admitted to international traffic in accordance with ATMF or, in case of states applying EU law, where the vehicle was	-the Member State where they were
first authorised for placing in service in ac 2008/57/EC;	ccordance with Articles 21 to 26 of Directive
or registered after it was	-the Member State where they were registered after they have been

authorised in accordance with Articles 21 and 25 of Directive (EU) 2016/797;

-in the case of registrations transferred to the NVR of another Contracting State, by such Contracting State.

#### 4.3. Existing systems

The standard NVR, translation engine and Virtual Vehicle Register systems referred to in

the OTIF NVR decision

Decision 2007/756/EC

shall be discontinued.

#### 5. GUIDELINES

To facilitate the implementation and usage of this Annex, the Registrar shall publish and keep up-todate guidelines.

Contracting States

Member States

shall set up, publish and keep up to date guidelines, in particular describing their language policy including communication provisions.

	Specifications for the Vehicle Register			Page 27 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

#### **RESTRICTION CODING**

#### **1. PRINCIPLES**

The restrictions referred to in

Admission of vehicle for international traffic the authorisation for placing on the market.

shall be assigned a harmonised code or a national code

#### 2. STRUCTURE

Each code is a combination of:

- category of restriction,
- type of restriction,
- value or specification,

which are joined by a dot (.):

[Category].[Type].[Value or specification].

#### **3. RESTRICTION CODES**

1. Harmonised restriction codes shall be applicable in all the.

Contracting States Member States

The Registrar shall keep up-to-date and publish on its website the list of harmonised restriction codes

I

. Where relevant the Registrar shall	for the whole of the Union rail system.
coordinate the process of harmonisation of	
restriction codes with the Committee of	
Technical Experts.	

If a Competent Authority considers that a new code needs to be added to the list of harmonised restriction codes, it shall request the Registrar to evaluate the inclusion of that new code.

The Registrar shall evaluate the request, in consultation with other Competent Authorities s, where appropriate. Where appropriate, the Agency shall include a new restriction code in the list.

2. The Registrar shall keep up-to-date the list of national restriction codes. The use of national restriction codes shall be limited to those restrictions that reflect particular characteristics of the existing rail system of a Contracting State and are unlikely to be applied with the same meaning in other Contracting States

For types of restrictions not indicated in the list referred to in point 1, the Competent Authority shall request the Registrar to include a new code in the list of national restriction codes. The

	Specifications for the Vehicle Register		Page 28 of 41	
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

Registrar shall evaluate the request, where appropriate in consultation with other Competent Authorities. If appropriate, the Registrar shall include a new restriction code in the list.

The restriction code for multinational safety authorities shall be treated as national restriction code.

4 The use of non-coded restrictions shall be limited to those restrictions that due to their particular character are unlikely to be applied to several types of vehicle.

The Agency shall keep a unique list of restriction codes for the EVR, the European Register of Authorised Types of Vehicles referred to in Article 48 of Directive (EU) 2016/797, the one-stop shop and the European Railway Agency Database of Interoperability and Safety.

Where relevant, the Agency may coordinate the process of harmonisation of restriction codes with relevant intergovernmental organisation when an international agreement to which the European Union is party provides for that.

5.

3.

	Specifications for the Vehicle Register			Page 29 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

# STRUCTURE AND CONTENT OF THE UNIQUE IDENTIFICATION NUMBER (EIN)

The Registrar, where relevant in coordination with the Committee of Technical Experts,	The Agency	
shall set out the structure and content of the		
Unique identification number (EIN)	European identification number (EIN)	
including the codification of the types of documents	concerned	
and propose it for approval to the Committee of Technical Experts. After such approval the information shall be contained in this Appendix 2.		

	Specifications	Page 30 of 41		
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

# APPENDIX 3

# **REGISTRATION STATUS CODING**

Code	Registration status <sup>6</sup>	Registration status reason	Description
00	Valid	Not applicable	The vehicle has a valid registration.
10	Suspended	Not applicable	The vehicle's registration is suspended at the request of the keeper or by a decision of the Competent Authority of the registering Contracting State or RE.
			Code not to be used anymore.
11	Suspended	Not applicable	The vehicle registration is suspended at the request of the keeper.
			The vehicle is destined for storage in working order as an inactive or strategic reserve.
12	Suspended	To be specified by the Keeper and recorded in parameter 10.3.	The vehicle registration is suspended at the request of the keeper. Other reason.
13	Suspended	To be specified by the NSA of the registering Member State and recorded in parameter 10.3.	The vehicle registration is suspended at the request of the Competent Authority of the registering Contracting State.
14	Suspended	To be specified by the RE and recorded in parameter 10.3	The vehicle registration is suspended by decision of the RE.
20	Withdrawn	Not applicable	The vehicle registration is withdrawn at the request of the keeper.
			The vehicle is known to be re-registered under a different number, for continued use in international traffic or for domestic traffic within the European Union.
			Code not to be used anymore.
21	Withdrawn	Not applicable	The vehicle registration is withdrawn at the request of the keeper.
			The vehicle is known to be re-registered under a different EVN due to technical modifications of the vehicle. See point 3.2.2.8.

<sup>&</sup>lt;sup>6</sup> This table sets out registration status of completed registration only.

	Specifications	Page 31 of 41		
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

Code	Registration status <sup>6</sup>	Registration status reason	Description
22	Withdrawn	Not applicable	The vehicle registration is withdrawn at the request of the keeper. The vehicle is known to be re-registered under a different EVN and by a different Contracting State in the area of use. See point 3.2.2.9.
30	Withdrawn	To be specified by the keeper and recorded in parameter 10.3.	The vehicle registration is withdrawn at the request of the keeper. The vehicle's registration for use in international traffic has ended without known re-registration.
31	Withdrawn	Not applicable	The vehicle registration is withdrawn at the request of the keeper. The vehicle is destined for continued use as a rail vehicle outside the scope of ATMF.
32	Withdrawn	Not applicable	The vehicle registration is withdrawn at the request of the keeper. The vehicle is destined for the recovery of major interoperable constituents/modules/spares or major rebuilding.
33	Withdrawn	Not applicable	The vehicle registration is withdrawn at the request of the keeper. The vehicle has been scrapped and disposed for materials (including major spares) for recycling.
34	Withdrawn	Not applicable	The vehicle registration is withdrawn at the request of the keeper. The vehicle is destined to be 'historic preserved rolling stock' for operation on a segregated network, or for static display, outside the scope of ATMF.

#### Use of codes

The codes and the reason shall be based solely on information provided to the RE by the entity requesting the change of registration status.

#### **APPENDIX 4**

REGISTRATION CASE TYPE	<b><u>REGISTRATION CASE</u>(7)</b>
New registration	New registration
Update	Update of registration
	Change of Keeper
	Change of ECM
	Change of Owner
	Update of organisation data
Change of registration status	Suspension
	Reactivation
	Withdrawal
Change of EVN	Change of EVN following technical modifications
	Change of EVN and registering MS /CS (8)

#### **STANDARD E-FORM FOR REGISTRATION OF VEHICLES**

#### **INFORMATION ABOUT THE VEHICLE**

1.	Vehicle identification
□ 1.1	EVN ( <sup>9</sup> ):
□ 1.2	Previous vehicle number:
<b>2.</b> □ 2.1	<b>Contracting State of Registration</b> Contracting State of registration ( <sup>10</sup> ):
3.	Contracting States where the vehicle is authorised
□ 3.1	Resulting area of use:
<b>4.</b> □ 4.1	Additional conditions applicable to the vehicle Additional Conditions applicable to the vehicle

<sup>7</sup> Except for the case New registration, the box before each modified parameter shall also be ticked.

In such case, the form addressed to the new RE shall also have the box *New registration* ticked and the 8 form addressed to the previous RE shall also have the box *Withdrawal* ticked. In case of *New registration*, the field may be left empty or filled with a pre-reserved vehicle number.

<sup>9</sup> 

<sup>10</sup> In case of New registration, Member State where registration is sought.

	Spe	Specifications for the Vehicle Register			Page 33 of 41	
Status: DRAFT	Vers	ion 1	TECH-19020		Original: EN	Date: 7.8.2019
		□ RIC □ TEN-	□ RIV CW □ TEN-GE	□ TEN □ Other (_	)	
	5.	Manufa	cturing			
	□ 5.1		turing year:			
	□ 5.2		turing serial number			
	□ 5.3	ERATV	reference (if availabl	e):		
	□ 5.4					
	6.	Referen	ces to EC declaratio	ons of verificati	ion	
	a. Rollin	ng stock sub	system			
	□ 6.1	Date of 1	EC declaration (if any	y):	-	
	□ 6.2	EC decla	aration reference (if a	ny):		
	EC decla	aration of ve	rification issuing bod	y (the applicant	(if any)	
	□ 6.3.1	Organisa	ation Name:			
	□ 6.3.2	Register	ed business number:			
	□ 6.3.3	Address	:			
	□ 6.3.4	Town:	Town:			
	□ 6.3.5	•	Country code:			
	□ 6.3.6 Post		Post code:			
	□ 6.3.7		ddress:			
	□ 6.3.8	Organisa	ation Code:			
	b. On-be	oard CCS s	ubsystem			
	□ 6.1	Date of I	EC declaration (if any	/):	-	
	□ 6.2	EC decla	aration reference (if a	ny):		
	EC decla	aration of ve	rification issuing bod	y (the applicant	t) (if any)	
	□ 6.3.1	•	ation Name:			
	□ 6.3.2	Register	ed business number:			
	□ 6.3.3	Address	Address:			
	□ 6.3.4	Town:	Town:			
	□ 6.3.5	•	Country code:			
	□ 6.3.6					
	□ 6.3.7	E-mail address:				
	$\Box$ 6.3.8 Organisation Code:					
<u>INFORMA'</u>	TION ABO	UT THE E	NTITIES RESPONS	SIBLE FOR T	<u>HE VEHICLE</u>	
	7.	Owner				
	□ 7.1	Organisa	ation name:			

	Specifications	Page 34 of 41		
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

□ 7.2	Registered business number:			
□ 7.3	Address:			
□ 7.4	Town:			
□ 7.5	Country code:			
□ 7.6	Post code:			
□ 7.7	E-mail address:			
□ 7.8	Organisation Code:			
Change of	f Owner			
Date of ch	ange of Owner (YYYYMMDD):			
8.	Keeper			
□ 8.1	Organisation Name:			
□ 8.2	Registered business number:			
□ 8.3	Address:			
□ 8.4	Town:			
□ 8.5	Country code:			
□ 8.6	Post code:			
□ 8.7	E-mail address:			
□ 8.8	Organisation Code:			
□ 8.9	VKM:			
Change of Keeper				
Date of change of Keeper (YYYYMMDD):				
Acceptance by new Keeper:				
Date (YYYYMMDD):				
Title, name and signature of authorised representative:				

#### **OPERATIONAL INFORMATION**

9.	Entity in charge of maintenance
□ 9.1	Organisation name:
□ 9.2	Registered business number
□ 9.3	Street and number:
□ 9.4	Town:
□ 9.5	Country code:
□ 9.6	Post code:
□ 9.7	E-mail address:
□ 9.8	Organisation Code:

	Specifications	Specifications for the Vehicle Register			
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019	

#### Change of ECM

Date of change of ECM (YYYYMMDD): \_\_\_\_\_

Acceptance by new ECM:

Date (YYYYMMDD): \_\_\_\_\_

Title, name and signature of authorised representative:

#### 10. Registration status

- $\Box$  10.1 Registration status (<sup>11</sup>): \_ \_
- □ 10.2 Registration status date (YYYYMMDD): \_\_\_\_\_
- □ 10.3 Registration status reason:

#### **INFORMATION ON THE AUTHORISATION OR ADMISSION**

	11. traffic	Authorisation for placing on the market in the EU or admission to international
	□ 11.1	Name of competent authority which issued authorisation of admission:
	□ 11.2	Member State of competent authority:
	□ 11.3	EIN (unique identification number):
	□ 11.4	Area of use:
	□ 11.5	Date of authorisation or admission (YYYYMMDD):
	□ 11.6	Authorisation or admission valid until (YYYYMMDD):
	□ 11.7	Date of suspension of authorisation or admission (YYYYMMDD):
	□ 11.8	Date of revocation of authorisation or admission (YYYYMMDD):
	11.9.	Conditions for use of the vehicle and other restrictions
	□ 11.9.1	Coded restrictions (code):,,,
	□ 11.9.2	,,

<sup>11</sup> In case of new registration, the field may be left empty.

	Specifications for the Vehicle Register			Page 36 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

#### ADDITIONAL FIELDS

[Additional fields as referred to in point 3.2.1.14, to be included in this section]

#### Identification of the entity applying for registration:

\_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Organisation Code: \_ \_ \_ \_

Date (YYYYMMDD): \_\_\_\_\_

Title, name and signature of authorised representative:

#### **Registration Entity references**

Date application received (YYYYMMDD): \_\_\_\_\_

Date of update (YYYYMMDD): \_\_\_\_\_

	OTIF
Status:	DRAFT

# GLOSSARY

Acronym/Ab breviation	EU Definition	COTIF Definition		
Agency	European Union Agency for Railways established by the Regulation (EU) 2016/796 of the European Parliament and of the Council of 11 May 2016 on the European Union Agency for Railways and repealing Regulation (EC) No 881/2004 (OJ L 138, 26.5.2016, p. 1)	European Union Agency for Railways, also referred to in the text as Registrar.		
Applicant	A natural or legal person requesting an authorisation for placing a vehicle on the market	See ATMF		
Area of use of a vehicle	A network or networks within a Member State or a group of Member States in which a vehicle is intended to be used, as referred to in Article 2 of Directive (EU) 2016/797			
ARS function	Application, Registration and data Storage functions			
ATMF	Uniform Rules concerning the Technical Admission of Railway Material used in International Traffic (ATMF - Appendix G to COTIF)			
Authorising entity	Entity (NSA or the Agency) that authorised the vehicle for placing on the market			
Authorisation	Authorisation for placing on the market	Admission to international traffic		
C-ARS function	Application, Registration and data Storage (ARS) function (centralised)			
COTIF	Convention concerning International Carriage by Rail			
D-ARS function	Application, Registration and data Storage (ARS) function (decentralised)			
DSC function	Data Search and Consultation function			
ECM	Entity in Charge of Maintenance			
EIN	European identification number	Unique identification number		
EVN	European vehicle number	Unique vehicle number		

	Specifications for the Vehicle Register			Page 38 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

Acronym/Ab breviation	EU Definition	COTIF Definition		
EVR	European Vehicle Register, as referred to in Article 47 of Directive (EU) 2016/797	Centralised European Vehicle Register		
ERATV	European Register of Authorised Types of Vehicles, as referred to in European Union law, Article 48 of Directive (EU) 2016/797			
GDPR	Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) (OJ L 119, 4.5.2016, p. 1)			
ISO	International Organisation for Standardisation			
IT	Information Technology			
NSA	National Safety Authority	Competent Authority		
NVR	National vehicle register referred to in Article 47 of Directive (EU) 2016/797	National vehicle register in accordance with the specifications adopted by the Committee of Technical Experts.		
OTIF		Intergovernmental Organisation for International Carriage by Rail		
RDA function	Reference Data Administration function			
RE	Registration Entity, that is the body designated by each Member State in accordance with this Decision Registration Entity, that is the body designate each Contracting State in accordance with Decision			
RIC	Regulations governing the reciprocal use of carriages and brake vans in international traffic			
RIV	Regulations concerning the reciprocal use of wagons in international traffic			
TAF (TSI)	(TSI)	European Union technical specifications for interoperability concerning telematics Telematics Applications for Freight. The TAF TSI is aligned and compatible with the UTP TAF.		
TAP (TSI)	Telematics Applications for Passengers (TSI)	European Union technical specifications for interoperability concerning telematics Telematics Applications for Passengers.		

	Specifications for the Vehicle Register			Page 39 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

Acronym/Ab breviation	EU Definition	COTIF Definition		
TSI	Technical Specification for Interoperability	European Union technical specifications for interoperability.		
UCA function	User Creation and Administration function			
VKM	Vehicle Keeper Marking			
VKMR	Vehicle Keeper Marking Register			
VVR	Virtual Vehicle Register, as defined in Decision 2007/756/EC Virtual Vehicle Register in accordance with registers adopted by the Committee of Technic Experts.			

	Specifications for the Vehicle Register			Page 40 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

[reserved]

	Specifications for the Vehicle Register			Page 41 of 41
Status: DRAFT	Version 1	TECH-19020	Original: EN	Date: 7.8.2019

# Interface specifications for connectivity between Vehicle Registers

[To be developed together with the ERA Task Force.]