

Making the railway system work better for society.

TSI revision 2022 Digital Rail and Green Freight

Annex 10- parameters of ERATV

Based on Annexes II and III of the Commission Implementing Decision 2011/665/EU

Version	Date	Comments
1.0	18 March 2022	Version for consultation. The table lists the proposed evolution of the Annex II of the (consolidated) ERATV Decision.
2.0	30 March 2022	Version for the draft recommendation including the proposal for Annex III in addition
3.0	30 June 2022	<u>Version for the recommendation</u>

ANNEX II

Table 2

Parameters of ERATV

Paramete	er	Data format	Applicabil (Yes, No, C		Parameters for technical		
			1. Traction vehicles	2. Hauled passenger vehicles	3. Freight wagons	t4. Special vehicles	compatibility between Vehicle and the network(s) of area of use
•	Oldentification of the type	Heading (no data)					
0.1	Type number (in accordance with Annex III)	[number] XX- XXX-XXXX-X	Y	Y	Y	Y	
0.2	Variant included in this type (in accordance with Article 2(13) of Regulation (EU) 2018/545)	ZZZ	Y	Y	Y	Y	
0.4	Versions included in this type. (in accordance with Article 2(14) of Regulation (EU) 2018/545)	vvv	Y	Y	Y	Y	
0.3	Date of record in ERATV	[date] YYYYMMDD	Y	Y	Y	Y	
1	General information	Heading (no data)					
1.1	Type name	[character string] (max 256 characters)	0	0	0	0	
1.2	Alternative type name	[character string] (max 256 characters)	0	0	0	0	
1.3	Manufacturer's name	Heading (no data)					
1.3.1	Manufacturer identification data	Heading (no data)					
1.3.1.1	Name of organisation	[character string] (max 256 characters) Selection from a predefined list,	L	Y	Y	Y	

Paramet	er		(Ŷes, No, O	Optional,	Open Poi	nt)	Parameters for technical compatibility
			1. Traction vehicles	12. Hauled passenger vehicles	3. Freigh wagons	t4. Special vehicles	compatibility between Vehicle and the network(s) of area of use
		possibility to add new organisations					
1.3.1.2	Registered business number	Text	0	0	0	0	
1.3.1.3	Organisation code	Alphanumeric code	0	0	0	0	
1.3.2	Manufacturer contact data	Heading (no data)					
1.3.2.1	Address of organisation, street and number	Text	0	0	0	0	
1.3.2.2	Town	Text	0	0	0	0	
1.3.2.3		Code as in EU interinstitutional style guide	0	0	0	0	
1.3.2.4	Post code	Alphanumeric code	0	0	0	0	
1.3.2.5	Email address	Email	0	0	0	0	
1.4	Category	[character string] Selection from a predefined list (according to Annex III)		Y	Y	Y	
1.5		[character string] Selection from a predefined list (according to Annex III)		Y	Y	Y	
:	Conformity with TSIs	Heading (no data)					
2.1	TSI	For each TSI: [character string] Y/N/Partial/Not applicable Selection from a predefined list of vehicle related TSIs (both in force and those that were previously in force) (multiple		Y	Y	Y	

Paramet	ter	Data format	Applicabil (Yes, No, C				Parameters for technical
			1. Traction vehicles	2. Hauled passenger vehicles	3. Freight wagons	4. Special vehicles	compatibility between Vehicle and the network(s) of area of use
		selection possible)					
2.2	verification: Reference of 'EC type examination certificates' (if module SB applied) and/or 'EC design examination	string] (possibility to indicate several certificates, e.g. certificate for		Y	Y	Y	
2.3	cases conformity with which has been assessed)	string] Selection		Y	Y	Y	
2.4		[character string] Selection from a predefined list (multiple selection possible) based on TSIs (for each TSI marked as P)		Y	Y	Y	
	3Authorisations	Heading (no data)					
3.0		[character string] Selection from a predefined list (multiple selection): MS — Network		Y	Y	Y	
3.1	Authorisation in	Heading (no data)					
3.1.1		[character string] Selection from a predefined list		Y	Y	Y	

Paramete	r	Data format	Applicabil (Yes, No, C	lity to v Optional, (ehicle c Open Poi	ategories nt)	Parameters for technical
			1. Traction vehicles	2. Hauled passenger vehicles	3. Freight wagons	4. Special vehicles	compatibility between Vehicle and the network(s) of area of use
		(multiple selection)					
3.1.2		Heading (no data)					
3.1.2.1		[character string] + [date] Possible options: Valid, Suspended YYYYMMDD, Revoked YYYYMMDD, to be renewed YYYYMMDD		Y	Y	Y	
3.1.2.2		[date] YYYYMMDD	Y	Y	Y	Y	
3.1.2.3	Coded conditions for use and other restrictions	L		Y	Y	Y	
3.1.2.4	Non-coded conditions for use and other restrictions	L	Y	Y	Y	Y	
3.1.3		Heading (no data)					
3.1.3.1		Heading (no data)					
	Date of the original authorisation	[date] YYYYMMDD	Y	Y	Y	Y	
		Heading (no data)					
1		Heading (no data)					
3.1.3.1.2. 1.1	organisation	[character string] (max 256 characters) Selection from a predefined list, possibility to add new organisations		Y	Y	Y	
3.1.3.1.2. 1.2	Registered business number	Text	Y	Y	Y	Y	

Paramete	r	Data format	Applicabil (Yes, No, C	lity to v	ehicle c Open Poi	ategories nt)	Parameters for technical
			1. Traction vehicles	2. Hauled passenger vehicles	3. Freight wagons	4. Special vehicles	compatibility between Vehicle and the network(s) of area of use
3.1.3.1.2. 1.3	Organisation code	Alphanumeric code	0	0	0	0	
3.1.3.1.2. 2	Authorisation holder contact data	Heading (no data)					
3.1.3.1.2. 2.1	Address of organisation, street and number		Y	Y	Y	Y	
3.1.3.1.2. 2.2	Town	Text	Y	Y	Y	Y	
3.1.3.1.2. 2.3	Country code	Code as in EU interinstitutional style guide	Y	Y	Y	Y	
3.1.3.1.2. 2.4	Post code	Alphanumeric code	Y	Y	Y	Y	
3.1.3.1.2. 2.5	Email address	Email	Y	Y	Y	Y	
3.1.3.1.3	Authorisation document reference	[character string] (EIN)	Y	Y	Y	Y	
3.1.3.1.4	verification: Reference of type examination or design examination type	string] (Possibility to indicate several certificates, e.g.		Y	Y	Y	
3.1.3.1.5	which conformity to applicable national rules has	from a		Y	Y	Y	
3.1.3.1.6	Comments	[character string] (max 1 024 characters)	0	0	0	0	

Paramete	r		Applicabil (Yes, No, C				Parameters for technical
			1. Traction vehicles	2. Hauled passenger vehicles	3. Freight wagons	4. Special vehicles	compatibility between Vehicle and the network(s) of area of use
	Reference to the written declaration by the proposer referred to in Article 3(11) of Regulation (EU) No 402/2013	string]	Y	Y	Y	Y	
3.1.3.X	authorisation	Heading (no data) (X is progressive from 2 onwards, as many times as modifications of the authorisation of type have been issued)	Y	Y	Y	Y	
	Type of modification	[character string] Text from a predefined list	Y	Y	Y	Y	
3.1.3.X.2	Date	[date] YYYYMMDD	Y	Y	Y	Y	
	applicable)	[character string] (max 256 characters) Selection from a predefined list, possibility to add new organisations		Y	Y	Y	
.1	Authorisation holder identification data	Heading (no data)					
3.1.3.X.3. 1.1	organisation	[character string] (max 256 characters) Selection from a predefined list, possibility to add new organisations		Y	Y	Y	
	Registered business number	Text	Y	Y	Y	Y	
3.1.3.X.3. 1.3	Organisation code	Alphanumeric code	0	0	0	0	

Paramete	r		Applicabil (Yes, No, C				Parameters for technical
			1. Traction vehicles	2. Hauled passenger vehicles	3. Freight wagons	4. Special vehicles	compatibility between Vehicle and the network(s) of area of use
	Authorisation holder contact data	Heading (no data)					
3.1.3.X.3. 2.1	Address of organisation, street and number		Y	Y	Y	Y	
3.1.3.X.3. 2.2	Town	Text	Y	Y	Y	Y	
3.1.3.X.3. 2.3	Country code	Code as in EU interinstitutional style guide	Y	Y	Y	Y	
3.1.3.X.3. 2.4	Post code	Alphanumeric code	Y	Y	Y	Y	
3.1.3.X.3. 2.5	Email address	Email	Y	Y	Y	Y	
3.1.3.X.4	Authorisation modification document reference	[character string]	Y	Y	Y	Y	
3.1.3.X.5	verification: Reference of type examination or design examination type	string] (possibility to indicate several certificates, e.g.		Y	Y	Y	
	national rules (if applicable)	-		Y	Y	Y	
3.1.3.X.7		[character string] (max 1 024 characters)	0	0	0	0	
3.1.3.X.8	Reference to the written declaration by the proposer referred to in Article 3(11)	string]	Y	Y	Y	Y	

Parameter		Data format	Applicabil (Yes, No, C		sParameters for technical compatibility		
			1. Traction vehicles	2. Hauled passenger vehicles	3. Freight wagons	4. Special vehicles	between Vehicle and the network(s) of area of use
	of Regulation (EU) No 402/2013						
3.X		Heading (no data) (X is progressive incremented by one unit from 2 onwards each time an authorisation for this type has been granted). This Section contains same fields as 3.1	Y	Y	Y	Y	
4	Technical characteristics of the vehicle	Heading (no data)					
4.1	General technical characteristics	Heading (no data)					
4.1.1	Number of driving cabs	[Number] 0/1/2	Y	Y	Y	Y	N
4.1.2	Speed	Heading (no data)					
4.1.2.1	Maximum design speed	[Number] km/h	Y	Y	Y	Y	N
4.1.3		[character string] Selection from predefined list		Y	Y	Y	Y
4.1.5	Maximum number of trainsets or locomotives coupled together in multiple operation.		Y	N	N	N	N
4.1.11	changeover facility			Y	Y	Y	Y
4.1.12	Number of vehicles composing the fixed formation (for fixed formation only)	. ,	Y	Y	Y	Y	N

Paramet	er	Data format	Applicabi (Yes, No, (Parameters for technical	
			vehicles p	2. Hauled passenger vehicles	3. Freight wagons	vehicles	compatibility between Vehicle and the network(s) of area of use	
4.2	Vehicle gauge	Heading (no data)						
4.2.1	Reference profile	[character string] Selection from predefined list (more than one possible) (the list will be different for different categories depending on the applicable TSI)		Y	Y	Y	Y	
4.3	Environmental conditions	Heading (no data)						
4.3.1	Temperature range	[character string] Selection from a predefined list (more than one possible)		Y	Y	Y	N	
4.3.3	Snow, ice and hail conditions	[character string] Selection from a predefined list	Y	Y	Y	Y	N	
4.4	Fire safety	Heading (no data)						
4.4.1	Fire safety category	[character string] Selection from a predefined list	Y	Y	N	Y	Y	
4.5	Design mass and loads	Heading (no data)						
4.5.1	different line	[number] t for line category [character string]		<u>N</u> OP	Y	<u>NOP</u>	Y	
<u>4.5.1.1</u>	EN line category(ies)	[character string] from a predefined list (more than one option possible)		Y	<u>N</u>	Y	<u>Y</u>	
▼ M2		T	1	1	ı	1		
4.5.2	Design mass	Heading (no data)						

Parameter		Data format	Applicabil (Yes, No, C		Parameters for technical		
				2. Hauled passenger vehicles	3. Freight wagons	vehicles	compatibility between Vehicle and the network(s) of area of use
4.5.2.1	Design mass in working order	[number] kg	Y	Y	N	Y	Y
4.5.2.2	Design mass under normal payload	[number] kg	Y	Y	N	Y	Y
4.5.2.3	Design mass under exceptional payload	[number] kg	Y	Y	N	Y	Y
4.5.2.4	Operational mass in working order	[number] kg	Y	Y	N	N	Y
<u>4.5.2.5</u>	Operational mass under normal payload	[number] kg	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>N</u>	<u>Y</u>
4.5.3		Heading (no data)					
4.5.3.1	Static axle load in working order	[number] kg	Y	Y	N	Y	Y
4.5.3.2	Static axle load under normal payload	[number] kg	Y	Y	N	Y	Y
4.5.3.3	Static axle load under exceptional payload	[number] kg	Y	Y	N	Y	Y
4.5.3.4	axles along the unit (axle spacing): a: Distance	b [number] m c [number] m Explanation of the values for a, b and c [character string]		Y	N	Y	Y
4.5.5	Total vehicle mass (for each vehicle of the unit)	L	Y	Y	N	Y	Y
4.5.6	Mass per wheel	[number] kg	Y	Y	N	Y	Y
4.6		Heading (no data)					
4.6.4		[number] km/h - [number] mm	Y	Y	Y	Y	Y

Paramete	r		(Ŷes, No, O	Optional, (Open Poir	ıt)	Parameters for technical
			1. Traction vehicles	2. Hauled passenger vehicles	3. Freight wagons	4. Special vehicles	compatibility between Vehicle and the network(s) of area of use
	cant deficiency for which the vehicle was assessed						
4.6.5	Rail inclination	[character string] from a predefined list	Y	Y	Y	Y	Y
4.7		Heading (no data)					
4.7.1	Maximum average deceleration	[number] m/s²	Y	N	N	Y	N
4.7.2	Thermal capacity	Heading (no data)					
4.7.2.1		Heading (no data)					
4.7.2.1.1		[character string] from a predefined list	Y	Y	Y	Y	N
4.7.2.1.2	Speed (if no reference case is indicated)	[number] km/h	Y	Y	Y	Y	N
4.7.2.1.3	Gradient (if no reference case is indicated)	[number] ‰ (mm/m)	Y	Y	Y	Y	N
4.7.2.1.4	Distance (if no reference case is indicated)	[number] km	Y	Y	Y	Y	N
4.7.2.1.5	Time (if distance is not indicated) (if no reference case is indicated)		Y	Y	Y	Y	N
4.7.2.1.6	Maximum brake thermal energy capacity	[number] kJ	Y	Y	Y	Y	N
4.7.3		Heading (no data)					
4.7.3.3	Maximum gradient on which the unit is kept immobilised by the parking brake alone (if the vehicle is fitted with it)		Y	Y	N	Y	N

Parameter		Data format	Applicability to vehicle categories (Yes, No, Optional, Open Point)				for technical
			1. Traction vehicles	2. Hauled passenger vehicles	3. Freight wagons	nt4. Specia vehicles	compatibility between Vehicle and the network(s) of area of use
4.7.3.4	Parking brake	[Boolean] Y/N	N	N	Y	N	N
4.7.4	Braking systems fitted on the vehicle	Heading (no data)					
4.7.4.1	Eddy current brake	Heading (no data)					
4.7.4.1.1	Eddy current track brake fitted	[Boolean] Y/N	Y	Y	N	Y	Y
4.7.4.1.2	Possibility of preventing the use of the eddy current track brake (only if fitted with eddy current track brake)		Y	Y	N	Y	Y
4.7.4.2	Magnetic brake	Heading (no data)					
4.7.4.2.1	Magnetic track brake fitted	[Boolean] Y/N	Y	Y	N	Y	Y
4.7.4.2.2	Possibility of preventing the use of the magnetic track brake (only if fitted with magnetic brake)		Y	Y	N	Y	Y
4.7.4.3	Regenerative brake (only for vehicles with electrical traction)	Heading (no data)					
4.7.4.3.1	Regenerative brake fitted	[Boolean] Y/N	Y	N	N	Y	Y
4.7.4.3.2	Possibility of preventing the use of the regenerative brake (only if fitted with regenerative brake)		Y	N	N	Y	Y
4.7.5	Emergency brake: Stopping distance and deceleration profile for each load condition per design maximum speed	[number] m/s²	Y	Y	N	Y	N

Parameter		Data format	(Yes, No, O	Applicability to vehicle categorie Yes, No, Optional, Open Point)				
				12. Hauled passenge vehicles	13. Freigh rwagons	t4. Special vehicles	compatibility between Vehicle and the network(s) of area of use	
4.7.6	For general operation: Brake weight percentage (lambda) or Braked mass			Y	Y	Y	N	
4.7.7	Service brake: At maximum service brake: Stopping distance, Maximum deceleration, for the load condition 'design mass under normal payload' at the design maximum speed.		Y	Y	Y	Y	N	
4.7.8	Wheel slide protection system	[Boolean] Y/N	Y	Y	Y	Y	N	
4.8	Geometrical characteristics	Heading (no data)						
4.8.1	Vehicle length	[number] m	Y	Y	N	Y	N	
4.8.2	Minimum in- service wheel diameter	[number] mm	Y	Y	Y	Y	Y	
4.8.4	Minimum horizontal curve radius capability	[number] m	Y	Y	N	Y	Y	
4.8.5	Minimum vertical convex curve radius capability	-	Y	Y	Y	Y	N	
4.8.6	Minimum vertical concave curve radius capability	-	Y	Y	Y	Y	N	
▼ M1								
4.9	Equipment	Heading (no data)						
4.9.1	coupling	[Character string] From a predefined list (multiple selection possible)		Y	Y	Y	N	
4.9.2		[Character string] From a	Y	Y	Y	Y	Y	

Parameter		Data format Applicability to vehicle (Yes, No, Optional, Open Po					for technical
			1. Traction vehicles	2. Hauled passenger vehicles	3. Freight wagons	vehicles	compatibility between Vehicle and the network(s) of area of use
	axles box detection)	predefined list (multiple selection possible)					
4.10	00 11 0	Heading (no data)					
4.10.1	system (voltage and frequency)	[Character string] From a predefined list (multiple selection possible)		Y	N	Y	Y
4.10.4	Maximum current at standstill per pantograph (to be indicated for each DC systems the vehicle is equipped for)	[Voltage automatically prefilled in]	Y	Y	N	Y	N
4.10.5	interaction of			Y	N	Y	Y
4.10.6	system the vehicle is equipped for)	string] for [energy supply system		Y	N	Y	Y
4.10.7	Number of pantographs in contact with the overhead contact line (OCL) (to be indicated for each energy supply system the vehicle is equipped for)		Y	Y	N	Y	Y

Parameter			Applicability to vehicle categories (Yes, No, Optional, Open Point)				for technical
			1. Traction vehicles	12. Hauled passengei vehicles	3. Freight wagons	t4. Special vehicles	compatibility between Vehicle and the network(s) of area of use
4.10.8	Shortest distance between two pantographs in contact with the OCL (to be indicated for each energy supply system the vehicle is equipped for; to be indicated for single and, if applicable, multiple operation) (only if number of raised pantographs is more than 1)		Y	Y	N	Y	Y
4.10.10	pantograph contact strip the vehicle may be equipped with (to be indicated for each energy supply system the vehicle is equipped for)	string] for [energy supply system automatically prefilled in]		Y	N	Y	Y
4.10.11	Automatic dropping device (ADD) fitted (to be indicated for each energy supply system the vehicle is equipped for)		Y	Y	N	Y	Y
4.10.14	Electric units equipped with power or current limitation function	[Boolean] Y/N	Y	N	N	Y	Y
4.10.15	Mean contact force	[Number] [N]	Y	Y	N	Y	Y
4.10.16	Vehicle equipped with electric energy storage for traction purposes and with the function of charging with OCL at standstill	[Boolean] Y/N	<u>Y</u>	<u>N</u>	<u>N</u>	<u>Y</u>	<u>Y</u>

Parameter			(Ŷes, No, C	ıt)	esParameters for technical		
	l v		1. Traction vehicles	2. Hauled passenger vehicles	l 3. Freigh rwagons	4. Special vehicles	compatibility between Vehicle and the network(s) of area of use
4.12		Heading (no data)					
4.12.3.1	for which the vehicle is designed.	[Number] from predefined list (multiple selection possible)	Y	Y	N	N	Y
4.13		Heading (no data)					
4.13.1		Heading (no data)					
4.13.1.1	on-board and the	string] From a predefined list	Y	NΥ	N	Y	¥Ν
4.13.1.5	control and	string] From a predefined list (more than one		<u>Y</u> 4	N	Y	Y
4.13.1.7		[Character string]	Y	<mark>N</mark> Y	N	Y	Ν¥
4.13.1.8		[Character string] From a predefined list (more than one option possible)		NΥ	N	Y	Υ N
4.13.1.9	Managing information about the completeness of the train (not from driver)	,	Y	<u>NY</u>	N	Y	Y
4.13.1.10	Safe consist length information from on-board necessary for access the line and SIL level	string] From a predefined list	Y	Y	<u>N</u>	Y	Y

Parameter			(Yes, No, C	ıt)	esParameters for technical		
				2. Hauled passenger vehicles	3. Freight wagons	t4. Special vehicles	compatibility between Vehicle and the network(s) of area of use
4.13.1.11		[Character string] From a predefined list	<u>Y</u>	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>Y</u>
4.13.2		Heading (no data)					
4.13.2.1	GSM-R Radio voice on board and its Baseline	-	Y	N <u>Y</u>	N	Y	¥ <u>N</u>
4.13.2.3	systems installed (system and, if	string] From a		<u>NY</u>	N	Y	Y
4.13.2.5	System	[Character string] From a predefined list (more than one option possible)		₩ Y	N	Y	N Y
	GSM-R Voice and operational communication implementation	[Character string]	Y	<u>NY</u>	N	Y	¥ <u>N</u>
4.13.2.7	GSM-R Radio Data communication on board and its Baseline		Y	N Y	N	Y	¥ <u>N</u>
4.13.2.8		[Character string] From a predefined list (more than one option possible)		<u> </u>	N	Y	<u>NY</u>
4.13.2.9		string]	Y	<u> NY</u>	N	Y	<u>N</u> ¥
4.13.2.10		[Character string] From a predefined list	Y	<u>NY</u>	N	Y	<u>Y</u> N
4.13.2.11	GSM-R Home	[Character string] From a predefined list		<u>NY</u>	N	Y	<u>Y</u> N
4.13.2.12	GSM-R Voice SIM Card support of Group ID 555		Y	<u>NY</u>	N	Y	<u>Y</u> N

Parameter		Data format		Applicability to vehicle categorie (Yes, No, Optional, Open Point)				
			1. Traction vehicles	2. Hauled passenger vehicles	3. Freight wagons	4. Special vehicles	compatibility between Vehicle and the network(s) of area of use	
4.13.3	<u>ATO</u>	Heading (no data)						
4.3.13.1	On-board ATO system version	[Character string] From a predefined list	<u>Y</u>	<u>NY</u>	<u>N</u>	Y	<u>N</u>	
4.3.13.2	On-board ATO implementation	[Character string]	<u>Y</u>	<u>NY</u>	<u>N</u>	<u>Y</u>	N	
4.14	Compatibility with train detection systems	Heading (no data)						
4.14.1	detection systems for which the vehicle has been	predefined list		Y	Y	Y	Y	
<u>4.14.2</u>	TSI compliant track circuit - Frequency bands	[character string] Selection from a predefined list (more than one option possible)		<u>Y</u>	<u>Y</u>	<u>Y</u>	Y	
4.15	Derailment detection and prevention functions	Heading (no data)						
<u>4.15.1</u>	Presence and type of derailment detection and prevention function(s)	[Character string] From a predefined list (more than one option possible)		N	Y	N	<u>N</u>	
<u>4.15.2</u>	Presence of derailment prevention and detection function	[Boolean] Y/N	<u>Y</u>	<u>N</u>	<u>N</u>	<u>N</u>	<u>N</u>	
4.15.3	Presence of derailment prevention and detection signal processing	[Boolean] Y/N	Y	N	N	N	N	

Commented [VFJ1]: Pending approval of the Working Party

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ANNEX III

Structure of type number

Each type of vehicle shall receive a number consisting of 10 digits with the following structure:

хх	xxx	xxxx	Х
Category — Subcategory	Family (Platform)	Incrementa <u>l</u> number	Check digit

Where:

Field 1 (digits 1 and 2) is assigned according to category and subcategory of the vehicle type in accordance with the following table:

Code	Category	Subcategory
11	Traction vehicles	Locomotive
12		Reserved
		Power Unit (or power car)
13		Self-propelled passenger trainset (incl. railbuses)
14		Reserved
15		Reserved
		Self-propelled freight trainset
16		Reserved
		<u>Railcar</u>
17		Shunter
18		Reserved
		<u>Tram-Train</u>
19		Other (tramways, light rail vehicles, etc.see article (1)(4) of directive (EU) 2016/797
31	Hauled passenger vehicles	Passenger Ceoach (incl. sleeping cars, restaurant, etc.)
32		Reserved
33		Van
34		Reserved
		Driving trailer
35		Car carrier
36		Reserved
		<u>Driving Coach</u>
37		Reserved
		Vehicle for services (e.g. kitchen)
38		Reserved
		Driving Van
39		Fixed rake of coaches
40		Reserved
41		Other
42-49		Reserved

Freight wagons	Freight wagon
(nauled)	Reserved
	Fixed rake of freight wagons
	Reserved
	Separate rail bogies connected to compatible road vehicle(s)
	Reserved
Special vehicles	NOT TO BE USED ANYMORE AFTER <i>date</i> " (date to be the Entry into force of ERATV amendment, e.g. 2022-12-30) - Self-propelled special vehicle
	Reserved
	On track Machines (OTMs)
	NOT TO BE USED ANYMORE AFTER <i>date</i> " (date to be the Entry into force of ERATV amendment, e.g. 2022-12-30) - Hauled special vehicle
	Reserved
	Infrastructure inspection vehicles
	Environment vehicles
	Emergency vehicles
	Road-Rail
	Reserved
	<u>Reserved</u>
	(hauled)