



EUROPEAN
COMMISSION

Brussels, XXX
[...] (2023) XXX draft

ANNEX

ANNEX

to the

Commission Implementing Decision

**amending Implementing Decision 2011/665/EU as regards the specification for the
European register of authorised types of vehicles referred to
in Article 48 of Directive (EU) 2016/797**

ANNEX

Section 1

Annex II to Commission Implementing Decision 2011/665/EU is amended as follows:

- (1) in table 2, row 4.5.1 is replaced by the following :

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4.5.1	Permissible payload for different line categories	[number] t for line category [character string]	N	N	Y	N	Y
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’;

- (2) in table 2 the following row 4.5.1.1 is added:

,

4.5.1.1	EN line category(ies)	[character string] from a predefined list (more than one option possible)	Y	Y	N	Y	Y
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’;

- (3) in table 2, the following rows 4.5.2.4 and 4.5.2.5 are added:

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4.5.2.4	Operational mass in working order	[number] kg	Y	Y	N	N	Y
4.5.2.5	Operational mass under normal payload	[number] kg	Y	Y	N	N	Y

’;

- (4) in table 2, the following rows 4.9.3.1,4.9.3.2 are added:

4.9.3.1	Flange lubrication fitted	(Y/N)	Y	Y	N	Y	Y
4.9.3.2	Possibility of preventing the use of the lubrication device (only if fitted with flange lubrication)	(Y/N)	Y	Y	N	Y	Y

- (5) in table 2, the following row 4.10.16 is added:

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	Y	N	N	Y	Y
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’;

- (6) in table 2, rows 4.13.1.1 to 4.13.1.9 are replaced by the following:

4.13.1.1	ETCS equipment on-board and the set of specifications from CCS TSI Appendix A	[Character string] From a predefined list	Y	Y	N	Y	N
4.13.1.5	Class B or other train protection, control and warning legacy systems installed (system and, if applicable, version)	[Character string] From a predefined list (more than one option possible)	Y	Y	N	Y	Y
4.13.1.7	ETCS on-board implementation	[Character string]	Y	Y	N	Y	N
4.13.1.8	ETCS System Compatibility	[Character string] From a predefined list (more than one option possible)	Y	Y	N	Y	Y
4.13.1.9	Managing information about the completeness of the train (not from driver)	[Boolean] Y/N	Y	Y	N	Y	Y

’;

- (7) In table 2 the following rows 4.13.1.10 and 4.13.1.11 are added:

4.13.1.10	Safe consist length information from on-board necessary to access the line and corresponding SIL	[Character string] From a predefined list	Y	Y	N	Y	Y
4.13.1.11	Envelope of legally operated ETCS system versions	[Character string] From a predefined list	Y	Y	N	Y	Y

- (8) in table 2 rows 4.13.2.1 to 4.13.2.12 are replaced by the following:

4.13.2.1	GSM-R Radio voice on board and its Baseline	[Character string] From a predefined list	Y	Y	N	Y	N
4.13.2.3	Class B or other radio legacy systems installed (system and, if applicable, version)	[Character string] From a predefined list (more than one option possible)	Y	Y	N	Y	Y
4.13.2.5	Radio Voice System Compatibility	[Character string] From a predefined list (more than one option possible)	Y	Y	N	Y	Y
4.13.2.6	GSM-R Voice and operational communication implementation	[Character string]	Y	Y	N	Y	N
4.13.2.7	GSM-R Radio Data communication on board and its Baseline	[Character string] From a predefined list	Y	Y	N	Y	N
4.13.2.8	Radio Data System Compatibility	[Character string] From a predefined list (more than one option possible)	Y	Y	N	Y	Y
4.13.2.9	GSM-R Data communication application for ETCS and ATO implementation	[Character string]	Y	Y	N	Y	N
4.13.2.10	Voice SIM Card GSM-R Home Network	[Character string] From a predefined list	Y	Y	N	Y	Y
4.13.2.11	Data SIM Card GSM-R Home Network	[Character string] From a predefined list	Y	Y	N	Y	Y

4.13.2.12	GSM-R Voice SIM Card support of Group ID 555	[Boolean] Y/N	Y	Y	N	Y	Y
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- (9) in table 2, the following rows 4.13.3 to 4.13.3.2 are added:

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4.13.3	ATO	Heading (no data)					
4.13.3.1	On-board ATO system version	[Character string] From a predefined list	Y	Y	N	Y	N
4.13.3.2	On-board ATO implementation	[Character string]	Y	Y	N	Y	N

’;

- (10) in table 2, the following rows 4.15, to 4.15.3 are added:

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4.15	Derailment detection and prevention functions	Heading (no data)					
4.15.1	Presence and type of derailment detection and prevention function(s)	[Character string] From a predefined list (more than one option possible)	N	N	Y	N	N
4.15.2	Presence of derailment prevention and detection function	[Boolean] Y/N	Y	N	N	N	N
4.15.3	Presence of derailment prevention and detection signal processing	[Boolean] Y/N	Y	N	N	N	N

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Section 2

Annex III to Commission Implementing Decision 2011/665/EU, the introductory phrase above the second table and the second table are replaced by the following:

‘Field 1 (digits 1 and 2) is assigned according to category and subcategory of the vehicle type in accordance with the following table (code 71 and code 73 shall no longer be used for new types of vehicles after [date to be the Entry into force of ERATV amendment, e.g. 2022-12-30]):

Code	Category	Subcategory
11	Traction vehicles	Locomotive
12		Power Unit (or power car)
13		Self-propelled passenger trainset
14		Reserved
15		Reserved
16		Railcar
17		Shunter
18		Tram-Train
19		Other (see article (1)(4) of directive (EU) 2016/797
31	Hauled passenger vehicles	Coach
32		Reserved
33		Van
34		Reserved
35		Car carrier
36		Driving Coach
37		Reserved
38		Driving Van
39		Fixed rake of coaches
40		Reserved
41		Other
42-49		Reserved
51	Freight wagons (hauled)	Freight wagon
52		Reserved
53		Fixed rake of freight wagons
54		Separate rail bogies connected to compatible road vehicle(s)
55-59		Reserved
71	Special vehicles	Self-propelled special vehicle - code not to be used after [date to be the Entry into force of ERATV amendment, e.g. 2022-12-30]
72		On track Machines (OTMs)

73		Hauled special vehicle - code not to be used after [date to be the Entry into force of ERATV amendment, e.g. 2022-12-30]
74		Infrastructure inspection vehicles
75		Environment vehicles
76		Emergency vehicles
77		Road-Rail vehicles
78		Reserved
79		Reserved

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