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**Changes to legislation:** Commission Decision of 6 November 2012 amending Decision 2012/88/EU on the technical specifications for interoperability relating to the control-command and signalling subsystems of the trans-European rail system (notified under document C(2012) 7325) (Text with EEA relevance) (2012/696/EU), ANNEX II is up to date with all changes known to be in force on or before 03 August 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) [View outstanding changes](#)

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## ANNEX II

ANNEX OPEN POINTS  
G

Open Point	Notes	Braking aspects
Open Point G	It only applies to ERTMS/ETCS Baseline 2 (see Annex A, Table A2, Index 15). Resolved for ERTMS/ETCS Baseline 3 (see Annex A, Table A 2, Indexes 4 and 13). Index 28 – Reliability/availability requirements	Frequent occurrences of degraded situations caused by failures of control-command and signalling equipment will decrease the system safety.
	Minimum wheel diameter for speed greater than 350 km/h	See Annex A, Table A 2, Index 77
	Minimum axle distance for speed greater than 350 km/h	See Annex A, Table A 2, Index 77
	Metal and inductive components free space between wheels	See Annex A, Table A 2, Index 77
	This is not an open point for freight wagons	Characteristics of sand applied to tracks
	See Annex A, Table A 2, Index 77	Vehicle metal mass
	See Annex A, Table A 2, Index 77	Combination of rolling stock characteristics influencing shunting impedance
	See Annex A, Table A 2, Index 77	Electromagnetic interferences (traction current)
	See Annex A, Table A 2, Index 77	Electromagnetic interferences (electromagnetic fields)
	See Annex A, Table A 2, Index 77	This is not an open point for power systems other than DC
	Vehicle Impedance	See Annex A, Table A 2, Index 77
	DC and low frequency components of traction current	See Annex A, Table A 2, Index 77
	Use of magnetic/eddy current brakes	See Annex A, Table A 2, Index 77
	Index 78 — Safety requirements for ETCS DMI functions	This open point is related to the interface between ETCS on-board and the driver, i.e. errors in displaying information and in entering data and commands.

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**Changes and effects yet to be applied to :**

- Decision implicit repeal by [EUR 2016/919](#) Regulation