



**Economic and Social
Council**

Distr.
GENERAL

ECE/TRANS/WP.29/2007/100/Add.1
4 October 2007

ENGLISH ONLY

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

One-hundred-and-forty-third session
Geneva, 13 - 16 November 2007
Item 4.2.7. of the provisional agenda

1958 AGREEMENT

Consideration of draft amendments to existing Regulations

Proposal for the 11 series of amendments to Regulation No. 13 (Heavy vehicles braking)

Proposal for amendments to the proposal for the 11 series of amendments to Regulation No. 13

Adendum

Submitted by the Working Party on Brakes and Running Gear */

The text reproduced below was adopted by the Working Party on Brakes and Running Gear (GRRF) at its sixty-second session. It supersedes the transitional provisions of ECE/TRANS/WP.29/2007/106 concerning the installation of the Electronic Stability Control (ESC) on different vehicle categories. The modifications to ECE/TRANS/WP.29/2007/100 are marked in **bold** characters. It is submitted to WP.29 and AC.1. for consideration.

*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles with respect to brakes and running gear. The present document is submitted in conformity with that mandate.

Paragraph 5.2.1.32., amend to read (including the insertion of a reference to a new footnote 1/ and a new footnote 1/):

"5.2.1.32. Subject to the provisions of paragraph 12.4. to this Regulation, all vehicles of categories M₂, M₃, N₂ and N₃ 1/ **having no more than 3 axles, [may be mandated to be equipped on the basis of national regulation / shall be equipped]** with a vehicle stability function. This shall include roll-over control and directional control and meet the technical requirements of Annex 21 to this Regulation."

Paragraph 5.2.2.23., amend to read (including the insertion of a reference to a new footnote 2/ and a new footnote 2/):

"5.2.2.23. Subject to the provisions of paragraph 12.4. to this Regulation, all vehicles of categories O₃ and O₄ 2/ **having no more than 3 axles and equipped with air suspension, [may be mandated to be equipped on the basis of national regulation / shall be equipped]** with a vehicle stability function. This shall include at least roll-over control and meet the technical requirements of Annex 21 to this Regulation."

Paragraph 12.1.7., amend to read (including the footnote */):

"12.1.7. As from the official date of entry into force of the 11 series of amendments, no Contracting Party applying this Regulation shall refuse to grant type-approval under this Regulation as amended by the 11 series of amendments. */"

1/ Off-road vehicles, special purpose vehicles (e.g. mobile plant using non standard vehicle chassis – e.g. cranes - , hydro-static driven vehicles in which the hydraulic drive system is also used for braking and auxiliary functions), Class I and Class A buses of categories M₂ and M₃, articulated buses and coaches, N₂ tractors for semi-trailer with a gross vehicle mass (GVM) between 3.5 and 7.5 tonnes, shall be excluded from this requirement.

2/ Trailers for exceptional load transport and trailers with areas for standing passengers shall be excluded from this requirement.

*/ This paragraph shall not prevent Denmark from continuing to mandate a vehicle stability function meeting the requirements of this Regulation.

Paragraphs 12.4. and 12.4.1., amend to read:

"12.4. Mandatory provisions for vehicles equipped with a vehicle stability function

12.4.1. Requirements for the equipment of vehicles with vehicle stability functions as specified in paragraphs 5.2.1.32. and 5.2.2.23. of this Regulation, as amended by the 11 series of amendments, shall be applied as follows:

Vehicle category	Application date (as from the date after entry into force of the 11 series of amendments)	
	Contracting Parties [may/shall] grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by the 11 series of amendments	Contracting Parties applying this Regulation [may/shall] refuse first national or regional registration of a vehicle which does not meet the requirements of the 11 series of amendments to this Regulation
M ₂	60 months	84 months
M ₃ (Class III)	12 months	36 months
M ₃ <16 tonnes (pneumatic transmission)	24 months	48 months
M ₃ (Class II and B (hydraulic transmission))	60 months	84 months
M ₃ (Class III) (hydraulic transmission)	60 months	84 months
M ₃ (Class III) (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months
M ₃ (Class II) (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months
M ₃ (other than above)	24 months	48 months
N ₂ (hydraulic transmission)	60 months	84 months
N ₂ (pneumatic control transmission and hydraulic energy transmission)	72 months	96 months
N ₂ (other than above)	48 months	72 months
N ₃ (2 axle tractors for semi-trailers)	12 months	36 months
N ₃ (2 axle tractors for semi-trailers with pneumatic control transmission (ABS))	36 months	60 months
N ₃ (3 axles with electric control transmission (EBS))	36 months	60 months
N ₃ (3 axles with pneumatic control transmission (ABS))	48 months	72 months
N ₃ (other than above)	24 months	48 months
O ₃ (combined axle load between 3.5 - 7.5 tonnes)	48 months	72 months
O ₃ (other than above)	36 months	60 months
O ₄	24 months	36 months

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