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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
(Braking)

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

Transmitted by the European Commission (EC)

The text reproduced below was prepared by the representative of EC. It is aimed at modifying the transitional provisions to make feasible the installation of the Electronic Stability Control on different vehicle and braking system categories. It is based on the text adopted by GRRF at its one sixty-first session. 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.

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**, 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**, 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."

Add a new paragraph 12.1.7., 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/ Permanent All-Wheel-Drive (AWD) 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.**

Amend paragraph 12.4., to read (including the insertion of the references to footnotes 3/, 4/, 5/, 6/, 7/ and 8/ and the new footnotes 3/, 4/, 5/, 6/, 7/ and 8/):

"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 (period after entry into force of the 11 series of amendments)	
	Contracting Parties [may/shall] refuse type approval to vehicles not meeting the applicable requirements.	Contracting Parties [may/shall] refuse first entry into service of vehicles not meeting the applicable requirements.
M ₂	60 months	84 months
M ₃ (Class III) <u>3/</u>	12 months	36 months
M ₃ (other than above) <u>4/</u>	24 months	48 months
N ₂ <u>5/</u>	48 months	72 months
N ₃ (tractors for semi-trailers) <u>6/</u>	12 months	36 months
N ₃ (other than above) <u>7/</u>	24 months	48 months
O ₃ <u>8/</u>	36 months	60 months
O ₄	24 months	36 months

"

3/ An additional 12 months period for vehicles with a GVM < 16 tonnes having pneumatic transmission. An additional 48 months period for vehicles with hydraulic transmission. An additional 60 months period for vehicles with pneumatic control transmission and hydraulic energy transmission.

4/ An additional 36 months period for vehicles of Class B and vehicles of Class II with hydraulic transmission. An additional 48 months period for vehicles of Class II with pneumatic control transmission and hydraulic energy transmission.

5/ An additional 12 months period for vehicles with hydraulic transmission. An additional 24 months period for vehicles with pneumatic control transmission and hydraulic energy transmission.

6/ Applicable to vehicle configurations having two axles. An additional 24 months period for vehicles with pneumatic control transmission (Anti-lock braking system).

7/ An additional 12 months period for vehicles having 3 axles that have electric control transmission (Electronic braking system). An additional 24 months period for vehicles with pneumatic control transmission (Anti-lock braking system).

8/ An additional 12 months period for vehicles with a combined axle load between 3,5 tonnes and 7,5 tonnes.