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**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

**World Forum for Harmonization of Vehicle Regulations**

One-hundred-and-forty-fourth session  
Geneva, 11 - 14 March 2008  
Item 4.2.5. of the provisional agenda

**1958 AGREEMENT**

Consideration of draft amendments to existing Regulations

Proposal for Supplement 5 to the 10 series of amendments to Regulation No. 13  
(Heavy vehicles braking)

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 is based on ECE/TRANS/WP.29/GRRF/2007/6, as amended by para. 11 of the report, and ECE/TRANS/WP.29/GRRF/2007/8/Amend.1, as amended by para. 16 of the report. It is submitted to WP.29 and AC.1 for consideration (ECE/TRANS/WP.29/GRRF/62, paras. 11 and 16).

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\*/ 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. The present document is submitted in conformity with that mandate.

Paragraph 5.2.1.26.2.3., amend to read:

"5.2.1.26.2.3. A break in the wiring ... "on" (activated) position.

However, if the parking braking system detects correct clamping of the parking brake, the flashing of the red warning signal may be suppressed and the non-flashing red signal shall be used to indicate parking brake applied.

Where actuation ... for a red signal."

Paragraphs 5.2.1.30.2. and 5.2.1.30.2.1., amend to read:

"5.2.1.30.2. Requirements for vehicles installed with endurance braking systems

5.2.1.30.2.1. In the case of vehicles that utilise electronic signalling to control initial application of braking, the following shall apply:

Deceleration Thresholds	
$\leq 1.0 \text{ m/sec}^2$	$> 1.0 \text{ m/sec}^2$
May generate the signal	Shall generate the signal

"

Insert new paragraphs 5.2.1.30.2.2. and 5.2.1.30.2.3., to read:

"5.2.1.30.2.2. In the case of vehicles equipped with a braking system of a specification different to that defined in paragraph 5.2.1.30.2.1. above, the operation of the endurance braking system may generate the signal irrespective of the deceleration produced.

5.2.1.30.2.3. The signal shall not be generated when retardation is produced by the natural braking effect of the engine alone."

Insert a new paragraph 12.2.5., to read:

"12.2.5. As from 24 months after the date of entry into force of Supplement 5 to the 10 series of amendments, Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by Supplement 5 to the 10 series of amendments."

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