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**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

**World Forum for Harmonization of Vehicle Regulations**

One-hundred-and-fiftieth session  
Geneva, 9-12 March 2010  
Item 4.2.8 of the provisional agenda

**1958 AGREEMENT**

Consideration of draft amendments to existing Regulations

Proposal for Corrigendum 3 to Revision 6 of Regulation No. 13  
(Heavy vehicle 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 at its sixty-sixth session in order to correct errors in Revision 6 of Regulation No. 13. It is based on ECE/TRANS/WP.29/GRRF/2009/26 as amended by the report (ECE/TRANS/WP.29/GRRF/66, para. 14). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration.

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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.

Annex 19, paragraph 5.4.1.2.4.2., amend to read:

"5.4.1.2.4.2. With the load sensing valve set to the laden condition and the initial energy level set according to paragraph 6.1.2. of Annex 13 to this Regulation, the energy storage device(s) shall be isolated from further supply of air. The brakes shall be applied with a control pressure of 650 kPa at the coupling head and then released. Further applications shall be made until the pressure in the brake chambers is the same as that obtained after completing the tests defined in paragraphs 6.1.3. and 6.1.4. of Annex 13 to Regulation No. 13. The number of equivalent brake applications ( $n_{er}$ ) shall be noted.

The equivalent number of static brake applications ( $n_e$ ) is to be recorded in the test report.

Where  $n_e = 1.2 \cdot n_{er}$  and is to be rounded up to the nearest whole integer"

Annex 20,

Paragraph 3.2.1., amend to read:

"3.2.1. The requirements of Annex 4, paragraphs 1.2.7., 3.1.2. and 3.1.3. (cold performance requirement and achievement without wheel lock, deviation or abnormal vibration) are considered to be satisfied by the subject trailer if it meets the verification criteria described in the following paragraphs, in both the laden and unladen conditions:"

Appendix 2, amend the formula of  $z_c$ , to read:

$$" z_c = (0.45 - 0.01) \left( \frac{F_R}{(P + 7000)g} \right) + 0.01 "$$

Appendix 3, amend the formula of  $z_c$ , to read:

$$" z_c = (0.5 - 0.01) \left( \frac{F_R}{(P + 7000)g} \right) + 0.01 "$$

Appendix 4, amend the formula of  $z_c$ , to read:

$$" z_c = (0.5 - 0.01) \left( \frac{F_R}{(P + 7000)g} \right) + 0.01 "$$

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