ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on Brakes and Running Gear

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Geneva, 15-17 September 2009
Item 3(c) of the provisional agenda

REGULATIONS Nos. 13 AND 13-H
(Braking)

Trailer braking

Proposal for amendments to Regulation No. 13

Submitted by the expert from Germany */

The text reproduced below was prepared by the expert from Germany to allow O₃ trailers to be type-approved using successful Type-III test results. The modifications to the existing text of the Regulation are marked in bold and strikethrough characters.

*/ 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.

GE.09-
A. PROPOSAL

Annex 4, items 3.1.2.4. and 3.1.2.5., amend to read:

"3.1.2.4. In addition, the vehicles shall undergo the Type-I test or alternatively a Type-III test in the case of an O₃ trailer.

3.1.2.5. In the Type-I or the Type-III test of a semi-trailer, the mass braked by the latter's axle(s) must correspond to the maximum axle load(s) (not including the king pin load)."

Annex 11, Appendix 3, item 2.3.2., amend to read:

"2.3.2. In the case of vehicles of categories O₃ and O₄..."

B JUSTIFICATION

The proposal provides a simplified procedure for the type approval for O₃ trailer fitted with an axle type approved according to Type III tests.

Currently, if the same axle is used in both O₃ and O₄ trailers (depending on the number of axles used), it will be tested to both the Type-I (O₃ trailer) and the Type-III (O₄ trailer) requirements. The Type-III test is the more stringent test and a braking system meeting this requirement will also meet the Type-I test requirement. Therefore, it is proposed to allow that Type-III test results be also used for the type approval of a O₃ trailer.

The use of O₄ test results for O₃ trailers is already used in Regulation No. 13 (Annex 19, paragraph 5.1.2.).