

**Economic and Social Council**Distr.: General
12 April 2012

Original English

Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****157th session**

Geneva, 26-29 June 2012

Item 4.14.4 of the provisional agenda

**Consideration of pending proposals for amendments
to existing Regulations submitted by the Working
Parties subsidiary to the World Forum****Proposal for Supplement 2 to the 02 series of amendments to
Regulation No. 117 (Tyres - Rolling resistance, rolling noise
and wet grip)****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 seventy-second session proposing changes in the definition of the measuring rim for C1, C2 and C3 tyres. It is based on ECE/TRANS/WP.29/GRRF/2012/5, amended by GRRF-72-24 as reproduced in Annex VII to the report (ECE/TRANS/WP.29/GRRF/72, paras. 25 and 33). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Annex 6, paragraph 2.2., amend to read

"2.2. Measuring rim (see appendix 2)

The tyre shall be mounted on a steel or light alloy measuring rim, as follows:

- (a) for Class C1 tyres, the width of the rim shall be as defined in ISO 4000-1:2010,
- (b) for Class C2 and C3 tyres, the width of the rim shall be as defined in ISO 4209 1:2001.

In cases where the width is not defined in the above mentioned ISO Standards, the rim width as defined by one of the standards organizations as specified in Appendix 4 may be used."

Annex 6, Appendix 1, paragraph 2.1., amend to read

"2.1. Width

For passenger car tyre rims (C1 tyres), the test rim width shall be the same as the measuring rim determined in ISO 4000-1: 2010 clause 6.2.2.

For truck and bus tyres (C2 and C3), the rim width shall be the same as the measuring rim determined in ISO 4209-1:2001, clause 5.1.3.

In cases where the width is not defined in the above mentioned ISO Standards, the rim width as defined by one of the standards organizations as specified in Appendix 4 may be used."

Annex 6, Appendix 1, paragraph 5, in the table, where the tolerances are given for spindle force and torque input, amend both rows, amend to read:

"

spindle force	+/- 0.5 N or +/- 0.5% (a)	+/- 1.0 N or +/- 0.5% (a)
Torque input	+/- 0.5 Nm or +/- 0.5% (a)	+/- 1.0 Nm or +/- 0.5% (a)

"

Annex 6, add a new Appendix 4, to read

"Annex 6 – Appendix 4

Tyre standards organizations

1. The Tire and Rim Association, Inc. (TRA)
2. The European Tyre and Rim Technical Organisation (ETRTO)
3. The Japan Automobile Tyre Manufacturers' Association (JATMA)
4. The Tyre and Rim Association of Australia (TRAA)
5. South Africa Bureau of Standards (SABS)
6. China Association for Standardization (CAS)
7. Indian Tyre Technical Advisory Committee (ITTAC)
8. International Standards Organisation (ISO)"