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Item 7(d) of the provisional agenda

Tyres – Regulation No. 117 (Tyres - Rolling resistance, rolling noise and wet grip)

Proposal for Supplement 2 to the 02 series of amendments to Regulation No. 117 (Tyre rolling noise, wet grip adhesion and rolling resistance)

Submitted by the expert from France *

The text reproduced below was prepared by the expert from France proposing changes in the definition of the measuring rim for C1, C2 and C3 tyres.

The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* 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.

I. Proposal

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 ~~and C2~~ tyres, the width of the rim shall be as defined **in priority** in ISO 4000-1:2010,
- (b) for Class **C2 and C3** tyres, the width of the rim shall be as defined **in priority** in ISO 4209 1:2001. ~~No other rim width shall be allowed. See Appendix 2.~~

In the case where the width is not defined in the above mentioned ISO references, the rim width as defined in the industry standards 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 priority** 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 priority** in ISO 4209-1:2001, clause 5.1.3.

In the case where the width is not defined in the above mentioned ISO references, the measuring rim width as defined in the industry standards 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) |

"

II. Justification

Appendix 2 concerns C1, C2 and C3 tyres. The reference to this Appendix 2 needs to be located at the correct place. Thus, it can be applicable for all the categories of tyres.