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World Forum for Harmonization of Vehicle Regulations**Working Party on Brakes and Running Gear****Eighty-second session**

Geneva, 20-23 September 2016

Item 7(b) of the provisional agenda

Tyres – Regulation No. 30**Proposal for amendments to the 02 series of amendments to Regulation No. 30 (Tyres for passenger cars and their trailers)****Submitted by the expert from the European Tyre and Rim Technical Organisation***

The text reproduced below was prepared by the expert from the European Tyre and Rim Technical Organisation to propose editorial corrections to Regulation No. 30. 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 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), 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.

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I. Proposal

Paragraph 6.1.2.1., amend to read (amend reference to paragraph 2.23.):

"6.1.2.1. The outer diameter of a tyre shall be obtained by means of the following formula:

$$D = d + 2H$$

where:

D is the outer diameter expressed in millimetres;

d is the nominal rim diameter defined in paragraph 2.23. above, expressed in millimetres;

H is the nominal section height rounded to the nearest millimetre and is equal to:

$$H = S_1 \cdot 0.01 Ra, \text{ where}$$

S_1 is the nominal section width in millimetres (mm);

Ra is the nominal aspect ratio;

all as shown on the sidewall of the tyre in the tyre-size designation in conformity with the requirements of paragraph 3.4. above."

Paragraphs 2.2.2. to 2.2.4., amend to read:

"2.2.2. The maximum load rating associated with a maximum speed of 240 km/h for tyres Speed Symbol "V" (see para. 2.37.2. of this Regulation).

2.2.3. The maximum load rating associated with a maximum speed of 270 km/h for tyres with speed symbol "W" (see paragraph 2.37.3. of this Regulation).

2.2.4. The maximum load rating associated with a maximum speed of 300 km/h for tyres with speed symbol "Y" (see paragraph 2.37.4. of this Regulation)."

Paragraph 2.5.2., amend to read:

"2.5.2. Initial test speed: prescribed maximum speed for the type of tyre (see paragraph 2.34.1. of this Regulation), less 40 km/h in the case of the smooth wheel having $1.70 \text{ m} \pm 1$ per cent in diameter or less 30 km/h in the case of the smooth wheel having $2 \text{ m} \pm 1$ per cent in diameter;"

II. Justification

The aim of this proposal is to correct paragraph number references due to the definition renumbering.
