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Item 4.7.2 of the provisional agenda

**1958 Agreement – Consideration of draft amendments
to existing Regulations submitted by GRRF**

Proposal for Supplement 3 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-third session (ECE/TRANS/WP.29/GRRF/73, para. 28). It is based on ECE/TRANS/WP.29/GRRF/2012/18. 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 6.2., amend to read:

"6.2. Temperature correction

If measurements at temperatures other than 25 °C are unavoidable (only temperatures not less than 20 °C or more than 30 °C are acceptable), then a correction for temperature shall be made using the following equation, with:

F_{r25} is the rolling resistance at 25 °C, in Newton:

$$F_{r25} = F_r [1 + K(t_{amb} - 25)]$$

Where:

F_r is the rolling resistance, in Newton,

t_{amb} is the ambient temperature, in degree Celsius,

K is equal to:

0.008 for Class C1 tyres

0.010 for Class C2 and C3 tyres with a load index equal or lower than 121

0.006 for Class C3 tyres with a load index greater than 121"
