

**Economic and Social Council**Distr.: General
18 November 2021

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on Noise and Tyres

Seventy-fifth session

Geneva, 8–11 February 2022

Item 4 (b) of the provisional agenda

Tyres: UN Regulation No. 54 (Tyres for commercial vehicles and their trailers)**Proposal for amendments to UN Regulation No. 54****Submitted by the experts from the European Tyre and Rim Technical Organization***


The text reproduced below was prepared by the experts from the European Tyre and Rim Technical Organization (ETRTO). The modifications to the existing text of the UN 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 2022 as outlined in proposed programme budget for 2022 (A/76/6 (Sect.20), para 20.76), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



I. Proposal

Paragraph 3.1.10., amend to read:

"3.1.10. In the case of tyres which can be regrooved, the symbol “” at least 20 mm in diameter, or the word "REGROOVABLE", ~~moulded into or on to each sidewall;~~"

Paragraph 6.1.1.2., amend to read:

"6.1.1.2. ~~However,~~ **Notwithstanding paragraph 6.1.1.1.**, for the types of tyres whose designation is given in the first column of the tables in Annex 5 to this Regulation, the section width shall be deemed to be that given opposite the tyre designation in those tables.


However, if a measuring rim whose width code differs from the measuring rim width code listed in the table is used, the section width is calculated using the formula from paragraph 6.1.1.1., where

S1 is the section width in millimetres listed in the table;

**A1 is the measuring rim width code from the table multiplied by 25.4;
and**

the other quantities are as defined in paragraph 6.1.1.1."

II. Justification

1. To remove an inconsistency in the marking provisions in this Regulation and in line with what was adopted for Supplement 14 to this Regulation (ECE/TRANS/WP.29/GRBP/2020/13 and Informal document GRBP-72-30), it is proposed to extend to the symbol “” or the word "REGROOVABLE" the possibility to be produced with technologies other than moulding.

2. It is proposed to consolidate the calculation of reference dimensions with that provided in United Nations Global Technical Regulation (UN GTR) No. 16, paragraph 3.5.2.3., to allow measuring tyres with size designations listed in Annex 5 on rims whose width code differs from the measuring rim width code listed in the tables of Annex 5.