

Proposals for amendments to

Terms of Reference of the Informal Working Group on Wet Grip Performance for Tyres in a Worn State (IWG WGWT)

A. Introduction

1. At the sixty-ninth session of GRB, it was pointed out that the wet grip performance of tyres decreases with tyre wear, so the current testing (performed on new tyres) does not represent the worst-case situation. The process of adapting the requirements on tyres should continue, in particular to ensure that tyre performance is also assessed, if relevant, at the end of a tyre's life (in worn state) and to promote the idea that tyres should meet the requirements throughout their life and not be replaced prematurely. UN Regulation No 117 now contains detailed provisions on noise, rolling resistance and wet grip performance of tyres that can be amended to take into account some other prescriptions.
2. It is proposed to create, starting in 2019, an informal working group to define prescriptions for wet grip performance of tyres in worn state (IWG WGWT).
3. This proposal establishes the Terms of Reference for the IWG WGWT.
4. The aim of the group is to propose an amendment to UN Regulation No. 117 under the 1958 Agreement.

B. Objectives

5. The scope and purpose are based on ECE/TRANS/WP.29/GRB/2019/6 and informal document GRB-69-23 submitted by France.
6. The future amendment to UN Regulation No. 117 will apply to new pneumatic tyres of classes C1, C2 and C3.

Justification: wet grip performance of C2 and C3 tyres in worn state is also important for vehicles safety. It is also of relevance to the EU legislative proposal for a new General Safety Regulation, which includes in its requirements the wet grip of such tyres at worn state with reference to UNECE Regulation No 117.

7. IWG WGWT shall:
 - Consider the scope and elaborate the target
 - Evaluate the method for preparing a tyre to be tested in worn state **at its type-approval**
 - Define the test conditions
 - Describe the test methods
 - Define the **type-approval** thresholds **of tyre wet grip performance in worn state**

Justification: clarification that the tyre wet grip will be tested at the type-approval procedure of the tyre at worn state.

8. IWG WGWT shall work in the framework of the 1958 Agreement and shall report to GRBP.

C. Rules of Procedure

9. IWG WGWT shall be open to all participants of GRBP.

10. IWG shall be co-chaired by France **and the European Commission**. ETRTO shall act as Secretary.

11. The working language will be English.

12. All documents and/or proposals must be submitted to the Secretary of IWG in a suitable electronic format at least one week before a scheduled meeting.

13. An agenda and the latest draft document will be circulated to all members of IWG in advance of all scheduled meetings.

14. All IWG documentation will be made available on the dedicated ECE website.

Justification: clarification of the new name of the UNECE Group to which this IWG refers and on the co-chairing of the group.

D. Timeline

15. IWG shall aim to present a working document for adoption at seventy-third session of GRBP in January 2021. IWG shall present a progress report, including already achieved results, at the seventy-first session of GRB in January 2020 and a comprehensive proposal at the seventy-second session of GRB in September 2020.

Justification: clarification of the new name of the UNECE Group to which this IWG refers.

16. The first IWG meeting is planned to be held in April 2019. The exact date and location are to be determined.