Status report to 75th GRBP
(February 2022)

Task Force
on
Tyre Pressure Monitoring System & Tyre Installation
(TPMSTI)
Introduction

• Following the 71st session of GRBP the Task Force was created with the aim to introduce harmonised measures on Tyre Pressure Monitoring System (TPMS) and on Tyre Installation for all M-, N- and O-categories of vehicles to UN Regulation No. 141 and to No. 142, in order to increase vehicles safety and their environmental performance.

Objectives

• The Task Force shall develop and propose requirements for Tyre Pressure Monitoring System (TPMS) and for Tyre Installation concerning all M-, N- and O-categories of vehicles.

• The scope and purpose of the Task Force should cover UN Regulation No. 141 and No. 142.

• The Task Force shall, where appropriate, develop amendments to these two Regulations or develop new Regulations for N2, N3, M2, M3, O3 and O4.

• The Task Force shall report to GRBP.
Timeline

• The 183rd WP.29 adopted the amendments to each of UN Regulation No. 141 (TPMS) and UN Regulation No. 142 (tyre installation), based on a working document and an informal document for the former and a working document for the latter, adopted by the 72nd and 73rd GRBP.
  • Informal documents necessary to complete the TF work delayed by the Covid-19 restrictions.
  • Work continued on detailed technical matters.

Participants

• Contracting Parties: European Commission, Germany, The Netherlands, China, Japan, Finland.
  • NGOs: CLEPA, ETRTO, OICA.
  • Between 40 and 50 experts joined in average the meetings on UN R No. 141
  • Between 15 and 25 experts joined in average the meetings on UN R No. 142

Roles

• Chair: European Commission; as from the 20th meeting (if held), tbc
• Secretary: OICA; as from the 20th meeting (if held) CLEPA (tbc)
Meetings and outcome

• The Task Force had six meetings to prepare two working documents to the 72nd session of GRBP (on both UN R No. 141 and No. 142) and six more meetings, together with more than 5 meetings of limited groups, on TPMS communication interface N-O and warming-up procedure until the 73rd session of GRBP.

• Until the 8th meeting, TF assisted by TRL through a study on TPMS testing requirements

• The Task Force continued its work on the TPMS/TPRS/CTIS “Communication interface” of N category vehicles within service O3 and O4 category vehicles.

• Also, the Task Force worked on an alternative procedure for the approval of trailers with respect to TPMS.

• Three dedicated meetings of a limited group of experts provided with a proposal to the Task Force.

• The Task Force submitted to the 74th GRBP one working document (GRBP/2021/20) on the technical subjects related to “an alternative procedure for the approval of trailers with respect to TPMS” for UN R No. 141.

• The Task Force submitted also to the 74th GRBP two working documents with amendments of the transitional provisions for their full clarification (GRBP/2021/19 for UN R No. 141 and GRBP/2021/21 for UN R No. 142).
Timeline Schedule

• **Work continued on refining the technical matters on CTIS and TPRS**
  • Work was based on the documents of the 16\textsuperscript{th} meeting

  • An informal document on the technical matter regarding CTIS and TPRS, based on the outcome of the discussions at the 18\textsuperscript{th} and 19\textsuperscript{th} meeting, was finalized and submitted to the 74\textsuperscript{th} session of GRBP (GRBP-74-26)

  • GRBP generally supported GRBP-74-26 and invited TF TPMSTI to submit it to the next session in the form of an official document (ECE/TRANS/WP.29/GRBP/72 – Report of GRBP on its 74\textsuperscript{th} session)

  • The official document has been submitted to the 75\textsuperscript{th} session of GRBP (ECE/TRANS/WP.29/GRBP/2022/2)

• **Further timeline to be decided upon the decision made at the 75\textsuperscript{th} session of GRBP at the 20\textsuperscript{th} Task Force meeting (if needed)**