

# Status report to 74<sup>th</sup> GRBP (September 2021)

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

# Introduction

- Following the 71<sup>st</sup> 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 N<sub>2</sub>, N<sub>3</sub>, M<sub>2</sub>, M<sub>3</sub>, O<sub>3</sub> and O<sub>4</sub>.
- The Task Force shall report to GRBP.

# Timeline

- The 183<sup>rd</sup> WP.29 adopted the amendments to each of UN R141 (TPMS) and UN R142 (tyre installation), based on a working document and an informal document for the former and a working document for the latter, adopted by the 72<sup>nd</sup> and 73<sup>rd</sup> GRBP.
  - Informal documents necessary to complete the TF work delayed by the Covid-19 restrictions.
- Work is continuing 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
- Secretary: OICA, as from the 20<sup>th</sup> meeting CLEPA (tbc)

# Meetings and outcome

- The Task Force had six meetings to prepare two working documents to the 72<sup>nd</sup> session of GRBP (on both UN R141 and R142) 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 73<sup>rd</sup> session of GRBP.
- Until the 8<sup>th</sup> 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 with in 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 74<sup>th</sup> GRBP one working document (GRBP/2021/20) on the second technical subjects related to “an alternative procedure for the approval of trailers with respect to TPMS” for **UN R141**.
- The Task Force submitted also to the 74<sup>th</sup> GRBP two working documents with amendments of the transitional provisions for their full clarification (GRBP/2021/19 for **UN R141** and GRBP/2021/21 for **UN R142**).

# Timeline Schedule

- ***Work continued on refining the technical matters on CTIS and TPRS***
  - Work was based on the documents of the 16<sup>th</sup> meeting
  - An Informal document on the technical matter regarding CTIS and TPRS was based on the outcome of the discussions at the 18<sup>th</sup> and 19<sup>th</sup> meeting
  - The Informal document has been finalized and submitted to the 74<sup>th</sup> session of GRBP
- ***Further timeline to be decided upon the decision made at the 74<sup>th</sup> session of GRBP at the 20<sup>th</sup> Task Force meeting (if needed)***