

# Status report to 73<sup>rd</sup> GRBP (January 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 72<sup>nd</sup> GRBP adopted a working document and an informal document with amendments to each of UN R141 (TPMS) and UN R142 (tyre installation).
  - 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

# Meetings

- The Task Force had six meetings to prepare two working documents to 72<sup>nd</sup> session of GRBP
- 1<sup>st</sup> meeting in February 2020
- 2<sup>nd</sup> meeting in March 2020
- 3<sup>rd</sup> meeting in April 2020
- 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> meeting in June 2020
- 7<sup>th</sup> and 8<sup>th</sup> meeting in August 2020
- Small sub-group meeting on Warming-up procedure in August 2020
- Experts group on TPMS communication interface N-O vehicles
  - 1<sup>st</sup> and 2<sup>nd</sup> meeting in September 2020
  - 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> meeting in October 2020
- 9<sup>th</sup> and 10<sup>th</sup> meeting on TPMS in November 2020
- 11<sup>th</sup> and 12<sup>th</sup> meeting on TPMS in December 2020
- Until the 8<sup>th</sup> meeting, TF assisted by TRL through a study on TPMS testing requirements

## Status of the work on UN Regulation No. 142

- The Task Force finished the work on the amendments to UN Regulation No. 142 at its 8<sup>th</sup> meeting.

## Status of the work on UN Regulation No. 141

- The Task Force finished the work on nearly all amendments to UN Regulation No. 141 at its 8<sup>th</sup> meeting and presented a working document and an informal document to the 72<sup>nd</sup> GRBP.
  - *Transitional provisions aligned in UN R141 and 142 with the corresponding ones in Regulation (EU) 2019/2144 (GSR)*
- Based on the work of the Experts group on TPMS communication interface of N-O vehicles the **9<sup>th</sup> Task Force meeting** resulted in a **working document to the 73<sup>rd</sup> GRBP** addressing the requirements for the “Communication Interface” between the towing vehicle and the to be towed vehicle(s) of category O<sub>3</sub> and O<sub>4</sub>.
  - *Paragraph 5.6. has been updated and Annexes 5 and 6 drafted.*
- The **10<sup>th</sup> - 12<sup>th</sup> Task Force meetings** continued the work on the “Communication interface” and **submitted an informal document to the 73<sup>rd</sup> GRBP.**

# Timeline Schedule

- ***One issue is still open*** and needs further work to be finalized: the TPMS/TPRS/CTIS “Communication interface” of N category vehicles with in service O<sub>3</sub> and O<sub>4</sub> category vehicles not equipped with TPMS.
- ***Work to continue on the open issue*** after the 73<sup>rd</sup> GRBP
  - Preliminary date for the 13<sup>th</sup> Task Force meeting: 23 February 2021
  - Work to be based on the documents
    - [ECE/TRANS/WP.29/GRBP/2021/6](#)
    - [GRBP-73-03](#)
    - [ECE/TRANS/WP.29/2021/10](#)
    - [ECE/TRANS/WP.29/2021/11](#)
- Further timeline to be decided at the 13<sup>th</sup> Task Force meeting.