

## **Report to WP.29 about results of the 33rd and 34th meetings of the Informal Working Group on Periodical Technical Inspections**

The 33d and 34th meetings of the Informal Working Group on Periodical Technical Inspections were held virtually on 5<sup>th</sup> December 2023 and 13<sup>th</sup> February 2024 accordingly.

### **I. In-service compliance assessment**

The group keeps the document ECE/TRANS/WP.29/2023/89 in the agenda to discuss, if needed, any proposals on compliance, related to PTI provisions added to UN Regulations and the follow up process, the impact of this framework document on the relation between manufacturers and the inspections bodies as well as on the possibility for inspection bodies to act independently.

### **II. Electronic Periodical Technical Inspections**

The IWG on PTI recognized that Advanced Driver Assistance Systems (ADAS) and Automated Driving Systems (ADS) have been rapidly evolving and spreading, but if it malfunctions, it may lead to a serious accident. It was agreed that to prevent these accidents, it is effective to check functions of these safety systems by electronic Periodical Technical Inspections (e-PTI). To verify these functions at e-PTI, it is necessary to obtain data from the vehicle's electronic control unit (ECU) using an electronic interface (e.g. scan tools).

The representative from Japan made a presentation of the e-PTI framework in Japan. Furthermore, he noted that for each country's e-PTI, it is important to ensure connection to the ECU a scan tool that complies with international standards, and suggested to ask guidance from the WP.29.

The group agreed to discuss Japan's proposal at its next meeting and submit a proposal to WP29 in June.

### **III. Draft Rule on Accident Emergency Call Systems (AECS)**

It was agreed that for verification of AECS functions at PTI, it is necessary to obtain data from the vehicle's ECU using an electronic interface (e.g. scan tools) and new proposals on the document ECE/TRANS/WP.29/GRSG/2023/6 could be based on this approach.

### **IV. Exchange of views and information on the national PTI legal system and measures**

Exchange of views and information from each Contracting Party about the most advanced technology, equipment and methods, including, such as research results including field tests, information on the national legal system and measures, events, conventions, etc. is an important working item of the group.

The representative of ACEA/OICA presented the results of the comprehensive study conducted by FKA, which focused on evaluating the EU Roadworthiness Package and specifically assessed the impact of PTI on accident prevention measures. The study aimed to provide valuable insights into the correlation between vehicle inspections and the reduction of road accidents. It contains reviews on effectiveness of current inspection mechanism, existing critical test requirements and procedures, the OEM's readiness/availability of the PTI information in structured format and recommend best way forward for exchange of information.

It was agreed that the results of the study will be used for the group's activities and initiatives.

## **V. Coordination and organization of the work**

The mandate of the IWG on PTI was granted till June 2024, subject to renewal. The Co-Chairs request the WP.29 for extension of the mandate until June 2027.

The group began review of the existing Terms of Reference. The updated ToR will align the group's objectives with evolving needs and goals. It will serve as a guiding framework for the group's activities and initiatives in the upcoming years, facilitating focused and concerted efforts towards its objectives. The updated ToR will be submitted at the 193rd session of the WP.29.

## **VI. Next meeting of IWG on PTI**

The next meeting of IWG on PTI will be held in April, 2024.

---