Summary of Vehicle Cyber Security Workshop with the contracting parties of the 1958 and 1998 Agreements*

on 8 July 2022

*Organized as requested by GRVA (ECE/TRANS/WP.297GRVA/13, para. 50)
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The aim of this workshop was to share information regarding implementation of regulation(s) or standards on vehicle cyber security.

1. *Introduction of "Recommendation on uniform provisions concerning cyber security and software updates"

The [document](#) which was developed by IWG on CS/OTA and adopted by WP.29 was introduced. This document provides a guidance for Contracting Parties to the 1998 Agreement to formulate national legislation on cyber security for automotive vehicles and/or legislation regarding software updates and the processes for updating vehicle’s software. Provisions of the document are in line with UN R155.
Summary of Vehicle Cyber Security Workshop with the contracting parties of the 1958 and 1998 Agreements

2. Inputs from China about their legal activities regarding vehicle cyber security

China is working on the development of national standard. Auditing CSMS will be conducted based on ISO/PAS 5112 and ISO21434. Following items are still open.
• China would need pass/fail requirements. What are the pass/fail requirements corresponding to the provisions of UN R 155?
• How to deal with assessment of Tier 2 or further suppliers.
• Testing (They are thinking specific test requirements including Fuzz)
• Confirmation of OEM’s tests effectiveness.
• Interpretation of para. 8.1.2
• They stated that they would like to participate further similar events (workshops)
3. Inputs from contracting parties regarding outcomes from their R155 type approval experiences

- France, Germany, Japan, Netherlands and Spain introduced overall steps, taken at national level, for auditing CSMS and testing vehicle type.
- Auditing consists in pre-assessment of documents and onsite audit. The volume of work for audit is large.
- Some open topics were identified such as multiple or shared CSMS, CSMS for products with multistage production.
- Experts expressed the need for flexibility for assessment and testing to adapt to the OEM project.
Summary of Vehicle Cyber Security Workshop with the contracting parties of the 1958 and 1998 Agreements

4. Discussion and summary

- The participants reviewed the current implementation of UN R155 and agreed that:
  - The main impact of the regulation is related to the TARA
  - Annex 5 should not become the primary focus or the checklist with the consequence of a less effective TARA
- Further workshops and/or bilateral meetings could be organized.