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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.

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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)

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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.

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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.