Submitted by the IWG on CS/OTA

Status report from the Informal Working Group on Cyber Security and Software Updates

Progress of the group

- ## Meetings since the 17th GRVA Session

  - 27th Session: Web meeting – 27th-28th November 2023

  - 28th Session: Web meeting – 16th January 2024

All meeting documents of the group can be found [27th](#) and [28th](#)

Outline of activities

- Updating of UN R.156 interpretation document

- Amending Annex 7 of R.E.3 (RXSWIN)

- Harmonisation of post-registration software update processes

- Authorised data access & privacy by design

- Updatable OTA telecommunications technology

Updating UN R.156 interpretation document

- ISO recently published ISO 24089:2023, titled "Road vehicles – Software update engineering" (GRVA-16-21)

- SAE suggested to refer to the ISO in interpretation document for R.156

- A dedicated subgroup has drafted proposed amendment to the interpretation document to include reference to clauses of ISO 24089

- Discussion on-going to agree the alignment on the references with concern about the scope that the standard covers compared to the Regulation

Proposal amending R.E.3 regarding "RXSWIN" concept

- This proposal is to provide set of regulatory texts to implement "RXSWIN" concept for other regulations

- IWG had been discussing the drafting of various texts to be inserted in R.E.3

- Discussions have highlighted difference in opinions of the extent and the method for how RXSWIN should be implemented

Proposal amending R.E.3 regarding "RXSWIN" concept

(continued)

- The points that have be highlighted are:
  - Should the use of RXSWIN be mandated
  - If it is, should that be via R.156 or other UN Regulations referring to R.E.3

- A draft proposal from the UK has been shared (GRVA-18-27) to illustrate and elicit some feedback from GRVA

Post-registration software updates

- Different approaches and issues across countries and regions have been highlighted
- Survey was distributed to gather further information (TFCS-24-07)
- France, Germany, Denmark, UK(Great Britain), Spain, Switzerland, Japan and Italy presented situation in their country (TFCS-28-04)
- Workshop to consider output and way forward
- Issues with Whole Vehicle Type-Approval have been noted

Authorised data access & privacy by design

- FIA have provided two concepts to address authorised data access and data privacy

- The authorisation concept categorises levels of accessibility to vehicle data with national/regional legislation to define which parties can utilise what

- The data privacy concept is that the driver or authorised person should be able to control the data streams to and from the vehicle

- The IWG have begun to consider but have yet to discuss this issue

Updatable OTA telecommunications technology

- The IWG seeks further information regarding updatable OTA telecommunications technology to consider the matter further

Workshop

- Continues to discuss various issue around interpretation and implementation
- Activity of the workshop will be presented separately

Upcoming events

- Next IWG meeting is under planning

Thank you for your attention.