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 15th GRVA Session
  - CS/OTA 25th Session: Web meeting – 18th April 2023

All meeting documents of the group can be found [here](#)

Outline of activities

- Finalise draft of ToR to clarify output for the renewed mandate.

- Update of recommendations document

- Proposal for amendments to R.155

- Proposal for amendments to interpretation document for R.156

- Discussion around harmonisation of post-registration software update process

Proposed ToR

- Terms of reference updated for extension of mandate till November 2024 (GRVA-16-16)
- Maintain the official documents which the group is responsible
- Provide an opportunity to share knowledge and experience
- Consider developing a proposal for post-registration updates

Update of recommendations document

- Proposal to amend recommendation for automotive cyber security and software updates (GRVA-16-15)

- Based on amendments made to R.155

  - Reference to ISO PAS 5112

  - Modification to wording about threat and mitigation concerning spoofing of messages

Proposal on R.155

- Issue with wording of mitigation for spoofing of GNSS signal
- Discussed potential modifications to both R.155 and interpretation document
- Item will be discussed at workshop
  - Are authorities requesting GNSS authentication?
  - Is GNSS authentication only need if threat identified in the TARA?

Proposal on R.156 interpretation document

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

- SAE suggesting to reference in interpretation document for R.156

- IWG asked to review the standard and proposal.

Post-registration software updates

- Different approaches and issues across countries and regions have been highlighted
- Survey was distributed to gather further information (CTS-24-07)
- Some CPs presented situation in their country
- Workshop will consider survey and way forward – request more CPs to complete

Upcoming events

- Next implementation workshop planned for 27th June (online)

Thank you for your attention.