

Informal document GRSG-116-45
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Agenda item 18.)



WP.29 and GRVA activities on Automated Vehicles

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GRVA

- GRVA is the Working Party on Automated/Autonomous and Connected Vehicles
 - Established in June 2018
 - First session in September 2018
- Bureau for 2019:
 - Chair: United Kingdom
 - Vice-chairs: China, Japan
- Develop provisions for:
 - Automation
 - ADAS ([impacting the dynamics of vehicles])
 - Active safety
 - Dynamics of vehicles
 - Connectivity



Priorities defined by WP.29

See ECE/TRANS/WP29/2019/2 (adopted in March 2019)

- Framework document for automated and autonomous vehicles (WP.29)
- Functional requirements (GRVA)
- New assessment test method (GRVA)
- Cyber security and software updates (GRVA)
- DSSAD (GRVA then GRSG)
- EDR (GRSG)

Ongoing activities - highlights

- Vehicle automation:
 - Automated Lane Keeping Systems (Levels 3 [and 4], tbc.)
 - Specific ALKS requirements
 - CEL Annex
 - DSSAD
- ADAS:
 - Automatically Commanded Steering Function (assisted lane change Level 2) – ACSF of Cat. C – 2 step interface
- Active safety:
 - Advanced Emergency Braking (AEB) systems (car, pedestrian, bicycles)
 - Remote controlled maneuvering
 - UN Regulation No. 13 (Discussion regarding EVs and Endurance brake test Type II-A)
 - UN Regulation No. 90
- Cyber security and (OTA) software updates
- Ongoing discussion: structure of the IWGs and their ToRs

Discussion at WP.29 in March 2019

See WP.29-177-19

- Draft proposal for a framework document
 - Working principle
 - AV principles
 - Safety vision
 - “an automated vehicles shall not cause any non-tolerable risk”
 - Key elements

- Further discussion at the June 2019 session of WP.29