ADS Safety Guidelines

• Submitted to this session (GRVA-17-33)
• “Guidelines for Regulatory Requirements and Verifiable Criteria for ADS Safety Validation”
  • Aims to guide further work on ADS safety under WP.29.
  • Based on WP.29-190-08
• Adds “Recommendations for safe interactions between Users and ADS”
  • ADS features that allow a user to take over manual control of the DDT.
  • ADS features that do not allow a user to take manual control of the DDT.
• Fulfils mandate under the terms of reference
• Integration of FRAV and VMAD guidelines
  • Per the AV Framework Document for delivery by June 2024 WP.29 session
  • GRVA-17-33 based on WP.29-190-08 (FRAV)
  • WP.29/2023/44/Rev.1 (VMAD)
  • Subject to review and approval by FRAV and VMAD

• FRAV/VMAD Integration Group (IG) coordinating work.

• FRAV has received “introduction”, “scope and purpose”, and “terms and definitions” from IG
  • Review of terms and definitions completed.
  • Other sections under review.
  • FRAV will propose amendments as warranted to the IG.

• Joint session of FRAV and VMAD planned for December in Tokyo.
• FRAV exchanged views with the GRE Autonomous Vehicles Signalling Requirements leaders.
• Considered GRE/2023/9/Rev.1.
• Agreed on definition of “ADS” applicable under UN R48.
  • Rendered “Driving System Control” term unnecessary.
• Agreed to request GR comments on definition of “driver”.
  • “Driver” means a human being who performs in real time part or all of the DDT.
  • Agreed on importance of consolidating terms and definitions in ADS guidelines.
    • Ensure uniform terms and definitions applicable across WP.29 regulations.
Informal Working Group on Functional Requirements for Automated Vehicles

Status Report

17th GRVA Session
25-29 September 2023

FRAV welcomes questions, feedback, and guidance from GRVA.