Invitation to the 20th Session of the GRVA Informal Working Group on Functional Requirements for Automated Vehicles (FRAV)

The 20th session of the FRAV informal group is scheduled for 14 October 2021 between 12:45 and 15:15 CET via web conference. Further details will be posted as available on the FRAV wiki page for the session. Participants can connect to this session via the Internet using this link: https://global.gotomeeting.com/join/570380341.

Session Objectives

During our last session, FRAV reviewed a revised version of Document 5 (FRAV-19-05) prepared to inform GRVA on the status of our discussions. The document raised comments that were highlighted in presenting the FRAV status to GRVA during its 27 September-1 October session.

With the 20th session, FRAV returns to its ongoing work based on the outcomes of the workstream deliberations (DDT, ADS users, ORU, and data collection). FRAV-19-05 is referred to the workstreams for consideration in this work. The agenda will primarily review the status of the workstream activities and intentions for the further development of draft requirements.

At the request of the workstream pilots, the agenda allocates the largest period of time for discussions on ADS user interactions and the work under the ADS users workstream. The aim is to clarify this section of the draft requirements and provide guidance for managing the ongoing work.

FRAV will also consider its plans for work through to the next GRVA session. GRVA has exchanged places with GRBP such that the next GRVA session will be held during 24-28 January 2022. For this session, FRAV will be expected to submit a new version of Document 5 based on FRAV consideration of the input provided by the workstreams addressing ADS safety requirements. GRVA plans to hold a further session during 23-27 May to finalize its submission of the FRAV output to the 20-24 June session of WP.29.

The FRAV and VMAD leaderships have agreed on a program for coordination between FRAV and the VMAD scenarios subgroup (SG1). In general, this program involves the alignment of FRAV requirements with VMAD scenarios (and vice versa). SG1 is expected to provide initial examples of scenarios so FRAV can inform SG1 of the safety requirements applicable to the scenarios. Through this iterative process, FRAV and SG1 are expected to build out the requirements and scenarios leading to the application of technical specifications from FRAV to the logical layer of scenario abstractions developed under SG1.