Draft GRVA priorities in 2024

The table below is an attempt to reflect comments received during the sixteenth session of GRVA. It will be reviewed again by GRVA at its September 2023 session.

**Subjects under consideration by the Working Party on Automated / Autonomous and Connected Vehicles (GRVA)**

| *GRVA* |
| --- |
| *Title* | *Tasks / Deliverables* | *References* | *Allocations / IWGs* | *Timeline* | *Initiator* | *Comments* |
| Functional Requirements for Automated Vehicles | Proposal for WP.29 guidelines on ADS safety requirements and for verifiable criteria for ADS safety validationConsolidated FRAV/VMAD submission covering both functional requirements and assessment/test methods (Progressive increase in FRAV-VMAD collaboration towards 2024 deliverable of consolidated submission). | Framework document for automated/autonomous vehiclesECE/TRANS/WP.29/2019/34 as revised | GRVA, IWG on FRAV and VMAD | June 2023:Guidelines for regulatoryrequirements and for verifiable criteria for ADS safety validationJune 2024:Consolidated FRAV/VMAD submission (requirements + assessment) | WP.29 | Shift of emphasis towards alignment of FRAV and VMAD outcomes to provide integrated guidelines on ADS safety assurance sufficient to enable WP.29 decisions on initiatives, if any, under the Agreements. |
| New Assessment/Test Method | Second iteration of NATM addressing the "outstanding issues".Consolidated FRAV/VMAD submission covering both functional requirements and assessment/test methods | Framework document for automated/autonomous vehiclesECE/TRANS/WP.29/2019/34 as revised | GRVA, IWG on VMAD | June 20232nd iteration of the Guidelines for NATM including outcome of "outstanding issues"June 2024 Consolidated FRAV/VMAD submission (requirements + assessment) | WP.29 | *Progressive increase in FRAV-VMAD collaboration towards 2024 deliverable of consolidated submission,*  sufficient to enable WP.29 decisions on initiatives, if any, under the Agreements.*.* |
| Cyber security and (Over-the-Air) Software updates | **Maintenance,** **Knowledge sharing,****Software Updates after registration** | Framework document for automated/autonomous vehiclesECE/TRANS/WP.29/2019/34 as revised**, GRVA-16-16** | GRVA, IWG on Cyber Security and OTA issues | November 2024 | WP.29 | Ongoing |
| Data Storage System for Automated Driving vehicles (DSSAD) | Inventory of best ADS storage practices.DSSAD performance elements for ADS | Framework document for automated/autonomous vehiclesECE/TRANS/WP.29/2019/34 as revised | GRVA, IWG on EDR/DSSAD | June 2024 | WP.29 | Ongoing |
| Event Data Recorder (EDR) | WP29 guidelines on EDR Performance Elements for ADSEDR Step 2: Consideration of additional technical requirements to current UN Regulation regarding trucks and buses | Framework document for automated/autonomous vehiclesECE/TRANS/WP.29/2019/34 as revised | GRSG in cooperation with GRVA, IWG on EDR/DSSAD | June 2024November 2024 | WP.29 | Ongoing |
| ADAS / DCAS | Amendment to UN Regulation No. 79 and new UN Regulation | ECE/TRANS/WP.29/GRVA/9, Annex IV | GRVA, Task Force on ADAS | November 2023 | Russian Federation and European Commission | OngoingMore time needed (expected) |
| **ACPE** | **Draft a new UN Regulation on ACPE** | **ECE/TRANS/WP.29/1171, para 59**  | **IWG on ACPE** | **November 2024** | **Japan / Germany** | **Ongoing** |
| **Screening (and amending) Regulations ensuring the fitness for ADS** | **Review of UN GTRs and UN Regulation on their fitness for ADS** | **ECE/TRANS/WP.29/1164, para. 30** | **TF on FADS** | **Phase 1:** **June 2023** | **WP.29** | **Ongoing** |
| **[Artificial Intelligence** | **Review definitions and envisage possible guidance** | **GRVA-08-10** | **n/a** | **n/a** | **AC.2** | **Ongoing]** |
| UN GTRs  | Amendments to UN GTRs  | AC.3 decisions | GRVA | Upon decisions | AC.3 | Ongoing |
| UN Regulations | Amendments to UN Regulations **e.g.:*** UN Regulation No. 157
* UN Regulation No. 156
* UN Regulation No. 155
* UN Regulation No. 152
* UN Regulation No. 140
* UN Regulation No. 131
* UN Regulation No. 130
* UN Regulation No. 90
* UN Regulation No. 79
* UN Regulation No. 78
* **UN Regulation No. 13 and**

**UN Regulation No. 13H,****(including EMB)** | Provisions of the 1958 Agreement | GRVA | Permanent | N/a | N/a |