**GRVA input on the draft WP.29 Programme of Work for 2022**

**(Draft ECE/TRANS/WP.29/2022/1)**

*Table 5,* amend to read:

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

The United States note that automation related activities currently underway under GRVA guided by the current version of the Framework Document. This includes the specific deliverables and timelines. To promote stronger coordination, the US also urges other GRs to confer with GRVA before beginning any work related to automated/autonomous driving systems.

| *GRVA* |
| --- |
| *Title* | *Tasks / Deliverables* | *References* | *Allocations / IWGs* | *Timeline* | *Initiator* | *Comments* |
| Functional Requirements for Automated Vehicles | Identification and definition of high-level performance requirements for ADS High-level definition of safety of ADS and mandatory manufacturer description of ADS.Draft initial WP.29 guidelines for ADS safety requirements based on "current activities" including the requirements on motorway use case.Proposal for WP.29 guidelines on ADS safety requirements | Framework document for automated/autonomous vehiclesECE/TRANS/WP.29/2019/34 as revised | GRVA, IWG on FRAV | March 2021November 2021 (information) / March 2022 (endorsement)March 2022 (information)/ June 2022 (endorsement) | WP.29 | Ongoing |
| New Assessment/Test Method | Description of New assessment /Test method (NATM) process/procedures for the assessment of an ADS Second iteration of NATM addressing the "outstanding issues" identified by VMAD and the evaluation of NATM for the motorway use-case.WP29 guidelines on EDR Performance Elements for ADS EDR 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 | GRVA, IWG on VMAD | March 2021November 2021 (information) / March 2022 (endorsement)March 2022 (information)June 2022 (endorsement) | WP.29 | Ongoing |
| Cyber security and (Over-the-Air) Software updates | Review of draft set of technical requirements for 1998 CPs | Framework document for automated/autonomous vehiclesECE/TRANS/WP.29/2019/34 as revised | GRVA, IWG on Cyber Security and OTA issues | November 2022 | 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 | November 2022 | WP.29 | Ongoing |
| Event Data Recorder (EDR) | Corrections/ amendments to existing EDR regulation [and ADS data elements for ALKS]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 | March 2023 | 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 2022 | Russian Federation and European Commission | Ongoing |
| ALKS | Amendment to UN Regulation No. 157 | ECE/TRANS/WP.29/1155, para. 33 | GRVA, Special Interest Group on UN Regulation No. 157 | June 2022 | Germany,United Kingdom of Great Britain and Northern IrelandEuropean Commission | Ongoing |
| AEBS | Amendment to UN Regulation No. 131  | ECE/TRANS/WP.29/GRVA/9, Annex V | GRVA, IWG on AEBS (Heavy vehicles)  | June 2022 | GermanyJapan | Ongoing |
| UN GTRs  | Amendments to UN GTRs  | AC.3 decisions | GRVA | Upon decisions | AC.3 | Ongoing |
| UN Regulations | Amendments to UN Regulations* UN Regulation No. 156
* UN Regulation No. 155
* UN Regulation No. 130
* UN Regulation No. 90
 | Provisions of the 1958 Agreement | GRVA | Permanent | N/a | N/a |