Proposal for amendments to the Framework Document on Automated Vehicles

Table below contains the proposed amendment to the Framework Document based on the outcome of the discussions at AC.2 regarding the post 2024 regulatory activities on ADS.

The proposed amendments to add the activities “UN Regulations and UN GTRs amendments related to their adaptation to automated driving” and “ADS vehicle categorization or sub categorization” were copied and added from the proposal from France to amend the framework document.

*Table 1 in* [*ECE/TRANS/WP.29/2019/34/Rev.2*](https://undocs.org/ECE/TRANS/WP.29/2019/34/REV.2)*, as modified by* [*ECE/TRANS/WP.29/2021/151*](https://unece.org/transport/documents/2021/09/working-documents/secretariat-proposal-updated-table-1-framework) *and E*[*CE/TRANS/WP.29/2023/43*](https://unece.org/transport/documents/2022/12/working-documents/secretariat-proposal-updated-table-1-framework), amend to read:

| *Title* | *Description of work (including elements taken from ECE/TRANS/WP.29/2019/2)* | *Corresponding principles/elements* | *Allocation to* | *Main targets* | *Activities* | | *Deliverable/ Deadline for submission to WP29* |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *Current activities* | *Future Activities* |
| Automated Driving Systems (ADS) | Work on regulatory activities for Automated Driving Systems, based on the deliverables from FRAV and VMAD as mandated by WP.29 including the joint FRAV-VMAD integrated document |  | GRVA  Informal Working Group on ADS  (IWG on ADS)    GRVA workshops  (4 times per year) | Automated Driving Systems | Drafting regulatory text on ADS for the use under the 1958 and 1998 Agreements (purpose, scope, definition, general requirements, performance requirements, test procedures)  Drafting of administrative provisions and annexes needed for a UN Global Technical Regulation (Task 1)  Drafting of administrative provisions and annexes needed for a UN Regulation (Task 2)  Drafting and preparing a guiding/ interpretation document (for both Agreements) (Task 3) | Combining the draft regulatory text, the specific administrative provisions and annexes for a  - UN GTR on ADS and  - UN Regulation on ADS  Guiding/ interpretation document | June 2026:  UN GTR on ADS  UN Regulation on ADS    Nov. 2026  Guiding/ interpretation document |
| UN and GTR amendment related to their adaptation to automated driving | Following the work in 2022/2023 of screening of UN and GTRs (ECE/TRANS/WP.29/2023/86), adaptation of identified UN and GTRs to automated driving |  | All GRs, based on their respective expert group on regulatory fitness for ADS | Automated/Autonomous vehicles | Drafting amendments to UN and GTRs identified as priority in ECE/TRANS/WP.29/2023/86 | Drafting amendments to UN and GTRs identified as non priority in ECE/TRANS/WP.29/2023/86 | Timeline expected to be presented at the March 2024 WP.29 |
| ADS vehicle categorization or sub categorization | Determining if new categories or new sub-categories are necessary to address AD vehicle specificities |  | GRSG and GRVA dedicated joint expert group | Automated/Autonomous vehicles | RE3 and SR1 to be adapted if necessary |  | [mid 2024] |
| Cyber security and (Over-the-Air) Software updates | Work of Task Force on Cyber Security and (OTA) software updates (TF CS/OTA) ongoing.  Draft recommendations on the approach (based on draft technical requirements). | g. Cybersecurity  h. Software Updates | GRVA  Cyber/soft-ware update informal group | Conventional and Automated / Autonomous vehicles | Maintain the official documents regarding UNR 155 and UNR 156 and the recommendations on uniform provisions document.  Provide opportunities for sharing of knowledge, experience and ideas from implementation of national regulation/standards regarding CS/OTA as well as UN Regulations Nos. 155 and 156. | Develop deliverables regarding recommendations for SW updates after registration and address items passed by GRVA. | November 2024 |
| Data Storage System for Automated Driving vehicles (DSSAD) |  | i. EDR/DSSAD | GRVA  EDR/DSSAD informal group | Automated / Autonomous vehicles | DSSAD performance elements for ADS |  | June 2024 |
| Event Data Recorder (EDR) | Existing systems - as road safety measure  (e.g. accident recording). | i. EDR/DSSAD | GRSG  GRSG (in cooperation with GRVA)  EDR/DSSAD informal group | All vehicles  ADS | EDR Step 2: Consideration of amendment to Step #1 requirements with respect to additional data elements, durability considerations including potential fire resistance, potential test procedures and consideration of new triggering criteria (e.g. “jerk”). | Update EDR documents as necessary | March 2025  November 2024 |