

Informal Working Group on Event Data Recorder and Data Storage System for Automated Driving (EDR/DSSAD)

Adopted Terms of Reference and Rules of Procedures

This document reproduces Annex VII to the session report of the 178th session of WP.29. It is distributed for information to the Working Party on Automated/Autonomous and connected Vehicles (GRVA).

The Terms of Reference and Rules of Procedures reproduced below were adopted by the World Forum for Harmonization of Vehicle Regulations (WP.29) at its 178th session.

I. Terms of Reference

1. ECE/TRANS/WP29/2019/34, as amended by WP.29-178-10/Rev.2 (Framework Document) contains the strategic vision for the activities of WP29, GRVA, GRSG and their Informal Working Groups (IWGs) with respect to automated vehicles. This framework document directs GRVA, GRSG and their IWGs to use the issues, topics and deliverables from that document as guidance to inform further discussions, activities and outcomes.
2. These ToR implement the arrangements foreseen in the Framework Document and agreed by WP29.
3. As noted in ECE/TRANS/WP29/2019/34 as amended, the IWG shall develop draft proposals for Event Data Recorder (EDR) for conventional vehicles and automated/autonomous vehicles and for Data Storage System for Automated Driving (DSSAD) for automated/autonomous vehicles. These categories shall be understood as systems collecting and storing a determined range of vehicle data, including:
 - (a) Information related to collisions valuable for accident reconstruction (EDR);
 - (b) The status of the automated/autonomous driving system and the status of the driver (DSSAD).
4. To this effect, the IWG shall address the following issues:
 - (a) Define the scope and specific objectives of and differences between EDR and DSSAD,
 - (b) Define EDR and DSSAD requirements.
5. In particular, the IWG will consider defining the categories of data recorded, the events triggering recording, as well as technical specifications in terms of performances of such systems, such as the required endurance, accessibility, storage capacity or the specific security requirements, as well as the required privacy and data protection by design features.
6. The text shall, to the fullest extent possible, be performance based and technology neutral. It shall be prepared in a neutral form such that it can be adapted for use under the 1958, 1997 and 1998 Agreements.
7. The IWG should take into account existing data, research and standards available in the contracting parties in developing its proposals.

8. Among the deliverables foreseen (and to be foreseen) in the Framework Document and to be developed by the IWG are to develop:
 - (a) Clear objectives, scope, deadlines and the identification of differences between DSSAD and EDR.
 - (b) Requirements for DSSAD for Automated Lane Keeping Systems.
 - (c) Requirements for EDR.

II. Rules of Procedure

1. The IWG shall report to both GRVA and GRSG and is open to all participants of WP.29.
 2. Co-Chairs and a Secretary will manage the IWG.
 3. The co-chairs may invite experts (at their discretion), including non-participants of WP.29, to assist in the development of technical standards.
 4. The working language of the IWG will be English.
 5. All documents and/or proposals must be submitted to the Secretary of the relevant group in a suitable electronic format in advance of the meeting. The group may refuse to discuss any item or proposal which has not been circulated five working days in advance to the meeting.
 6. An agenda and related documents will be circulated to all members of the IWG in advance of all scheduled meetings.
 7. Decisions will be reached by consensus. When consensus cannot be reached, the Co-Chairs of the groups shall present the different points of view to the relevant GR. The Co-Chairs may seek guidance from the relevant GR, as appropriate.
 8. The progress of the IWG will be reported routinely to GRVA – wherever possible as an informal document and presented by the Co-Chairs.
 9. All documents shall be distributed in digital format. Meeting documents should be made available to the Secretary for publication on the dedicated website.
 10. Final decision on proposals rests with WP.29 and the Contracting Parties.
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