

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

I. Terms of Reference

1. ECE/TRANS/WP29/2019/34 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. As noted in document ECE/TRANS/WP29/2019/34, 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:
 - Information related to collisions valuable for accident reconstruction (EDR);
 - The status of the automated/autonomous driving system and the status of the driver (DSSAD).
3. 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.
4. 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.
5. 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.
6. The IWG should take into account existing data, research and standards available in the contracting parties in developing its proposals.
7. The group will come with clear objectives, scope, deadlines and the identification of differences between DSSAD and EDR for the [September 2019 session] of GRVA and [October 2019 session] of GRSG.

8. DSSAD requirements for Automated Lane Keeping Systems should be submitted to GRVA at its [February 2020] session.
9. EDR requirements should be submitted to GRSG for consideration at its [October 2020] session.

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. Experts [among WP.29 participants] may be invited upon invitation by the [co-chairs] to ensure engagement of the best available experts.
 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 regulatory proposals rests with WP.29 and the Contracting Parties.
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