

## **IWG on EDR/DSSAD - status and proposed workplan**

### **Status:**

The IWG on EDR/DSSAD completed a productive year delivering:

- DSSAD requirements for inclusion in the ALKS regulation approved by WP.29 in its June 2020 meeting
- Proposal for Guidance on Event Data Recorder (EDR) Performance Elements Appropriate for Adoption in 1958 and 1998 Agreement Resolution or Regulations (ECE/TRANS/WP.29/2020/100/Rev.1) and a new UN Regulation on Event Data Recorder (ECE/TRANS/WP.29/2020/123/Rev.1) for conventional vehicles, as well as the 01 series of amendments (ECE/TRANS/WP.29/2021/58) to it, to support the European Union General Safety Regulation (EU 2019 GSR) implementation.

The IWG invites WP.29 to provide guidance with respect to the bracketed data elements in the Proposal for Guidance on Event Data Recorder (EDR) Performance Elements Appropriate for Adoption in 1958 and 1998 Agreement Resolution or Regulations.

### **Proposed Workplan:**

DSSAD:

- Review and compilation of best practices already underway in data storage systems
- In coordination with FRAV/VMAD, the IWG will develop DSSAD performance elements that are broadly applicable to automated driving systems (broader than limited ADS application in ALKS regulation).

EDR:

- EDR performance elements appropriate for ADS equipped vehicles (coordinated with FRAV/VMAD)
- EDR for heavy duty vehicles (trucks and busses) (to support EU GSR 2026-2029)
- EDR Step#2 - consideration of amendments 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”).

### **Mandate:**

Current EDR/DSSAD IWG mandate expires March 2020. IWG requests WP.29 to extend mandate to facilitate completion of proposed workplan.

### **Timetable:**

EDR/DSSAD IWG, requests guidance from WP.29 regarding deliverable deadlines.