

Submitted by the expert from the United States of America,
Co-Chair of the IWG on DSSAD/EDR

Informal document **GRVA-10-30**
10th GRVA, 25-28 May 2021
Provisional agenda item 4(c)

DSSAD / EDR IWG PROGRESS REPORT

MAY 25, 2021

MISSION

Provide guidance on the collection and recording of necessary data related to the automated driving system status, noting occurrence of malfunctions, degradations or failures in a way that can be used to establish the cause of any crash and to identify the status of the Automated/autonomous driving system and the status of the driver.

*– UN Framework Document on
Automated/Autonomous Vehicles*

PROJECTS COMPLETED TO DATE



EDR/DSSAD Comparison Table

November 2019



UN Regulation 157 - DSSAD
requirements – *March 2020*



UN Regulation 160 – EDR requirements

March 2021

PROJECT CURRENTLY UNDERWAY



Complete EDR Performance Elements for
1958/1998 Contracting Parties- July 2021



Corrections/amendments to existing EDR
regulation – July 2021

EDR PROPOSED WORKPLAN



EDR Performance Elements for ADS

(coordinated with FRAV/VMAD) - **November 2022**



EDR Step 2: Consideration of additional technical requirements to current UN regulation- **March 2023**



EDR for Heavy Duty Vehicles - **March 2024**

DSSAD PROPOSED WORKPLAN



Inventory of best ADS storage practices
TBD



DSSAD performance elements for ADS
(*in coordination with FRAV/VMAD*) *TBD*



THANK YOU