IWG on EDR/DSSAD

Status Report

April 2021
IWG Activities – since GRSG-121

March 2021:

• IWG on EDR/DSSAD session
• WP.29 183rd session
• SG on EDR session
**IWG Activities – since GRSG-121**

WP.29 183rd session:

• adopted the proposals for a new UN Regulation on EDR and 01 Series of Amendments to it.  
  **UN Reg. [160] on EDR may enter into force 30 Sept. 2021**

• Extended the mandate for the IWG untill December 2022.

• Did not provide guidance on the ‘EDR Common Technical Requirements document’ ECE/TRANS/WP.29/2020/100.

• Supported the proposed workplan and  
  - directed the IWG to make progress on DSSAD a priority for the upcoming year, and  
  - underlined the interlinkage of the activities of the IWG on EDR/DSSAD with VMAD and FRAV.
Proposed workplan – WP.29-183-12

- EDR performance elements appropriate for ADS equipped vehicles (coordinated with FRAV/VMAD);
- EDR for heavy duty vehicles (trucks and busses);
- 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”).
- DSSAD: review and compilation of best practices already underway in data storage systems;
- DSSAD: 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).
Next activities

The SG on EDR will:

- further correct/amend the common element and 01 series UN Regulation documents (e.g. address definitions and resolve remaining technical issues identified);
- in parallel identify ADS data elements (coordination with FRAV/VMAD);
- then initiate work on the substantive EDR Step 2 topics;
- heavy duty vehicle EDR: kick-off session Q3/21 with expert presentations on potential standards, best practices and technical challenges.

Final proposal to WP.29 March 2024?

Next sessions:

SG on DSSAD 26 April and SG on EDR 11 May.
Any guidance by GRSG is appreciated!

Thank you.