

## **Review of the progress made on the activities listed in the Framework Document on Automated/ autonomous Vehicles (Revision 2)**

The World Forum for Harmonization of Vehicle Regulations (WP.29) adopted ECE/TRANS/WP.29/2019/34/Rev.2 at its 179<sup>th</sup> session.

The Administrative Committee for the Coordination of Work (AC.2) met informally and virtually on 28 May 2020 and reviewed the progress made on the project listed in the Revision 2 of the Framework Document on Automated/autonomous Vehicles (FDVA).

The table below reflects the comments send by the Informal Working Group on Event Data Recorder / Data Storage System for Automated Driving prior to the meeting as well as the assessment provided by AC.2 during that meeting on the activities listed in the Annex in FDAV.



Title	Description of work / ECE/TRANS/WP.29/2019/2	Corresponding principles/elements	Allocation to	Main targets	Activities		Deliverable/ Deadline for submission to WP29
					Current activities	Future Activities	
Cyber security and (Over-the-Air) Software updates	Work of Task Force on Cyber Security and (OTA) software updates (TF CS/OTA) ongoing. Draft recommendations on the approach (based on draft technical requirements).	g. Cybersecurity h. Software Updates	GRVA Cyber/software update informal group	Conventional and Automated / Autonomous vehicles	Test phase on the draft requirements under 1958 Agreement  Review of draft set of technical requirements for 1998 CPs	Review of the report of the test phase on the draft requirements. <b>Regulation tabled for vote</b>	November 2019 <b>Done 11/2019</b>  November 2019 <b>Done 03/2020</b>  November 2019 <b>Delayed</b>
Data Storage System for Automated Driving vehicles (DSSAD)	DSSAD are for autonomous vehicles (e.g. accident recoding). This work item should take into consideration of the discussion at GRVA and its Informal Working Group on Automatically Commended Steering Function (IWG on ACSF). Clear objectives, deadline and the identification of differences with EDR to be determined first before discussion on detailed data information.	i. EDR/DSSAD	First: GRVA Later: GRSG (in coordination with GRVA)  New EDR/DSSAD informal group	Automated / Autonomous vehicles		Clear objectives, deadline and the identification of differences with EDR  DSSAD requirements for Lane Keeping systems of SAE levels 3/4 as New UN Regulation for contracting parties to the 1958 Agreement  Review of the existing national / regional activities and a proposed way forward for DSSAD	November 2019 <b>Done</b>  March 2020 <b>Done</b>  March 2020 <b>Overview of existing activities and of the positions of the CP's on a proposed way forward submitted. An agreed proposal on a way forward on behalf of the IWG expected June 2021.</b>
Event Data Recorder (EDR)	Existing systems - as road safety measure (e.g. accident recoding).	i. EDR/DSSAD	GRSG  New EDR/DSSAD informal group	Conventional and Automated / Autonomous vehicles		Clear objectives, deadline and the identification of differences with DSSAD  Review of the existing national /regional activities and a proposed way forward for EDR	November 2019 <b>Done</b>  March 2020 <b>Overview of the existing activities and of the positions of the CP's on a proposed way forward submitted.</b>

Title	Description of work / ECE/TRANS/WP.29/2019/2	Corresponding principles/elements	Allocation to	Main targets	Activities		Deliverable/ Deadline for submission to WP29
					Current activities	Future Activities	
						Technical requirements on EDR.	<p>An agreed proposal on a way forward on behalf of the IWG expected June 2021.</p> <p>November 2020 Still aiming to submit a proposal to GRSG July session to be forwarded to WP.29 November 2020 session. (In addition, an informal doc. will be developed Q3 to remove brackets and slightly amend the original document).</p>