



Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Automated/Autonomous and Connected Vehicles****Tenth session**

Geneva, 25-28 May 2021 (online)

Item 1 of the provisional agenda

Adoption of the Agenda**Provisional agenda for the tenth session*. ****

to be held online, starting at 1:30 p.m. (CET) on Tuesday, 25 May 2021 and concluding on 28 May 2021.

I. Provisional agenda

1. Adoption of the agenda.
2. Highlights of the March 2021 session of WP.29.
3. Artificial Intelligence in vehicles.
4. Automated/autonomous and connected vehicles:
 - (a) Deliverables of the Informal Working Group on Functional Requirements for Automated and Autonomous Vehicles;
 - (b) Deliverables of the Informal Working Group on Validation Methods for Automated Driving;
 - (c) Deliverables of the Informal Working Group on Event Data Recorder / Data Storage System for Automated Driving;
 - (d) UN Regulation on Automated Lane Keeping System;
 - (e) Other business.
5. Connected vehicles:
 - (a) Cyber security and data protection;
 - (b) Software updates and Over-the-Air issues;

* Delegates are requested to register online with the registration system on the UNECE website (<https://indico.un.org/event/35765>). Based on the registrations received information for access to the virtual meeting will be provided.

** Before the session, documents may be downloaded from the UNECE Sustainable Transport Division's website. For the translation of official documents, delegates can access the public Official Document System (ODS) on the following website: documents.un.org or <https://undocs.org/>"symbol"



- (c) Data and vehicle communications;
- (d) Other business.
- 6. Advanced Driver Assistance Systems and UN Regulation No. 79:
 - (a) Advanced Driver Assistance Systems;
 - (b) UN Regulation No. 79 (Steering equipment);
 - (c) Other business.
- 7. Advanced Emergency Braking Systems.
- 8. UN Regulations Nos. 13, 13-H, 139, 140 and UN GTR No. 8:
 - (a) Electronic Stability Control;
 - (b) Electromechanical Brakes;
 - (c) Clarifications.
- 9. Motorcycle braking:
 - (a) UN Global Technical Regulation No. 3;
 - (b) UN Regulation No. 78.
- 10. UN Regulation No. 90.
- 11. Exchange of views on guidelines and relevant national activities.
- 12. Other business.
 - (a) List of priorities concerning GRVA activities;
 - (b) Framework document on automated/autonomous vehicles (FNAV);
 - (c) Any other business.

II. Annotations and list of documents

1. Adoption of the agenda

In accordance with Chapter III, Rule 7 of the Rules of Procedure (ECE/TRANS/WP.29/690 as amended) of the World Forum for Harmonization of Vehicle Regulations (WP.29), the first item on the provisional agenda is the adoption of the agenda.

Documentation: ECE/TRANS/WP.29/GRVA/2021/1

2. Highlights of the March 2021 session of WP.29

GRVA may wish to be briefed by the secretariat about the highlights of the March 2021 session of WP.29, regarding the activities of the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) and common issues.

Documentation: (ECE/TRANS/WP.29/1157)

3. Artificial Intelligence in vehicles

GRVA agreed to resume consideration of the informal document submitted by the expert from the Russian Federation and to resume the discussion on this agenda item.

Documentation: Informal document GRVA-09-23

4. Automated/autonomous and connected vehicles

(a) **Deliverables of the Informal Working Group on Functional Requirements for Automated and Autonomous Vehicles**

GRVA may wish to be briefed on the outcome of the recent meeting(s) of the Informal Working Group (IWG) on Functional Requirements for Automated and Autonomous Vehicles (FRAV).

(b) **Deliverables of the Informal Working Group on Validation Methods for Automated Driving**

GRVA may wish to be briefed on the outcome of the last meetings of the IWG on Validation Methods for Automated Driving (VMAD).

(c) **Deliverables of the Informal Working Group on Event Data Recorder / Data Storage Systems for Automated Driving**

GRVA may wish to be briefed on the outcome of the last meetings of the IWG on Event Data Recorder / Data Storage Systems for Automated Driving (EDR/DSSAD).

(d) **UN Regulation on Automated Lane Keeping System**

GRVA may wish to consider proposals for amendments to UN Regulation No. [157].

Documentation: (ECE/TRANS/WP.29/GRVA/2020/32,
ECE/TRANS/WP.29/GRVA/2020/33,
ECE/TRANS/WP.29/GRVA/2021/2,
ECE/TRANS/WP.29/GRVA/2021/3,
ECE/TRANS/WP.29/GRVA/2021/4)

(e) **Other business**

GRVA may wish to consider any other proposal, if available.

5. Connected vehicles

(a) **Cyber security and data protection**

GRVA may wish to be briefed on the outcome of the recent meeting(s) of the IWG on Cybersecurity and Over-the-Air issues.

GRVA may wish to review a draft set of technical requirements relevant for the 1998 Agreement Contracting Parties, if any.

GRVA may wish to review other proposals for amendments to UN Regulation No. 155 (Cyber Security and Cyber Security Management System), if any.

(b) **Software updates and Over-the-Air issues**

GRVA agreed to reconsider a proposal tabled by the expert from France clarifying the applicable provisions to Manufacturers applying alternatives to the Regulation No. X Software Identification Number (RxSWIN).

Documentation: (ECE/TRANS/WP.29/GRVA/2021/6)

(c) **Data and vehicle communications**

GRVA may wish to resume discussion on the presentation made by the expert from the International Standard Organisation (ISO) on extended vehicles and alternatives.

(d) **Other business**

GRVA may wish to consider any other proposal, if available.

6. Advanced Driver Assistance Systems and UN Regulation No. 79

(a) Advanced Driver Assistance Systems

GRVA may wish to receive a status report of the Task Force on Advanced Driver Assistance Systems, if any.

(b) UN Regulation No. 79 (Steering equipment)

GRVA agreed to resume consideration of the amendment proposal to the 03 series of amendments to UN Regulation No. 79, with the provisions on Risk Mitigation Function submitted to WP.29 and the Administrative Committee of the 1958 Agreement (AC.1) for consideration at their June 2021 sessions, subject to reconfirmation by GRVA.

GRVA agreed to resume consideration of pending amendment proposals to UN Regulation No. 79.

Documentation: (ECE/TRANS/WP.29/GRVA/2021/7
ECE/TRANS/WP.29/GRVA/2021/8
ECE/TRANS/WP.29/GRVA/2021/9
ECE/TRANS/WP.29/GRVA/2021/10
ECE/TRANS/WP.29/GRVA/2021/11
ECE/TRANS/WP.29/GRVA/2021/12
ECE/TRANS/WP.29/GRVA/2021/13)

(c) Other business

GRVA may wish to consider any other proposal, if available.

7. Advanced Emergency Braking Systems

GRVA may wish to receive a status report of the IWGs on AEBS for M₁ and N₁.

GRVA may wish to receive a status report of the IWG on AEBS for heavy vehicles.

GRVA may wish to review proposals for amendments to UN Regulation No. 131 (AEBS) and to UN Regulation No. 152 (AEBS for M₁ and N₁ vehicles), if any.

8. UN Regulations Nos. 13, 13-H, 139, 140 and UN GTR No. 8

(a) Electronic Stability Control

GRVA agreed to resume consideration on the proposal to amend UN Global Technical Regulation (UN GTR) No. 8, aimed at introducing the testing provisions to accommodate the latest innovations for steering systems.

Documentation: ECE/TRANS/WP.29/GRVA/2020/34
(ECE/TRANS/WP.29/2020/99)

(b) Electromechanical Brakes

GRVA agreed to review a revised proposal for amendments to UN Regulation No. 13 with provisions relevant for the type approval of ElectroMechanical Brakes (EMB), tabled by the expert from the European Association of Automotive Suppliers (CLEPA).

Documentation: (ECE/TRANS/WP.29/GRVA/2020/21)

(c) Clarifications

GRVA may wish to review amendments to UN Regulations No. 13, 13-H, 139 or 140, if available.

9. Motorcycle braking

(a) UN Global Technical Regulation No. 3

GRVA may wish to review any proposal related to UN Global Technical Regulation (GTR) No. 3, if any.

(b) UN Regulation No. 78

GRVA may wish to review any proposal related to UN Regulation No. 78, if any.

10. UN Regulation No. 90

GRVA agreed to resume consideration of a proposal for amendments to UN Regulation No. 90, tabled by the expert from CLEPA.

Documentation: (ECE/TRANS/WP.29/GRVA/2021/15)

11. Exchange of views on guidelines and relevant national activities

GRVA may wish to receive information on national activities related to vehicle automation and connectivity, if any.

12. Other business

(a) List of priorities concerning GRVA activities

GRVA may wish to review the comments of the European Commission on the priorities of GRVA.

Documentation: (informal document WP.29-183-13)

(b) Framework document on automated/autonomous vehicles (FDAV)

GRVA may wish to review proposals to update the activities and the schedule on automated and autonomous vehicles, if any.

(c) Any other business

GRVA may wish to consider any other proposals, if available.
