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

Geneva (online), 14-16 December 2020

Item 1 of the provisional agenda

**Adoption of the Agenda****Provisional agenda for the ad hoc (eighth) session\*, \*\***

Virtual meeting hosted from the Palais des Nations, Geneva, starting at 12.30 a.m. on 14 December 2020 and concluding at 3.30 p.m. on 16 December 2020.

**I. Provisional agenda**

1. Adoption of the agenda.
2. Highlights of the November 2020 session of WP.29.
3. 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 Systems.
4. UN Regulation No. 79 (Steering equipment):
  - (a) Automatically Commanded Steering Function;
  - (b) Steering equipment;
  - (c) Other business.
5. Advanced Emergency Braking Systems.

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\* Delegates are requested to register online with the registration system on the UNECE website (<https://indico.un.org/event/35476/>).

\*\* This document has not been edited. AC.2 authorised deviation from Rule 4 of the Rules of Procedure.



6. UN Regulations Nos. 13, 13-H, 139, 140 and UN GTR No. 8.
7. UN Regulation No. 90.
8. Revision 3 of the 1958 Agreement:
  - (a) Implementation of relevant provisions in Revision 3 to the 1958 Agreement;
  - (b) International Whole Vehicle Type Approval.
9. Other business:
  - (a) List of priorities concerning GRVA activities;
  - (b) Artificial Intelligence;
  - (c) Framework document on automated/autonomous vehicles (FDAV);
  - (d) 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/2020/38

### **2. Highlights of the November 2020 session of WP.29**

GRVA may wish to be briefed by the secretariat about the highlights of the November 2020 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.29/1155

### **3. 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.

GRVA is expected to review, according to the framework document (ECE/TRANS/WP.29/2019/34 as revised), common functional requirements on existing national/regional guidelines and other relevant reference documents.

#### **(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).

GRVA is expected, according to the framework document, to review the existing and upcoming methods and a proposed way forward for the assessment of Automated Driving Vehicles.

(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).

GRVA is expected, according to the framework document, to review the existing national as well as regional activities, and a proposed way forward for DSSAD.

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

GRVA may wish to be informed on WP29 endorsement of the proposal by the Administrative Committee for the Coordination of Work (AC.2) that activities related to the Automated Lane Keeping System (ALKS) extension would be addressed by a group of interested experts that would report to GRVA. AC.2 ruled that this work should not diverge from the outcome of the activities at the IWGs on FRAV and VMAD, and that, if these two groups needed more time than the task force, then the outcome of these two groups would be considered to amend the ALKS regulation, if needed.

**Documentation:** (ECE/TRANS/WP.29/GRVA/2020/32  
ECE/TRANS/WP.29/GRVA/2020/33)

#### 4. **UN Regulation No. 79 (Steering equipment)**

(a) **Automatically Commanded Steering Function**

GRVA may wish to be informed on the discussion at AC.2 at its virtual meeting on 23 October 2020 on the simplification of ACSF provisions in UN Regulation No. 79 and the discussion on the technical provisions for so called “hands off” systems. AC.2 discussed the possibility to take relevant provisions out of UN Regulation No.79 and to develop a UN Regulation on Advanced Driver Assistant Systems (ADAS). AC.2 invited GRVA to further discuss and seek consensus, especially taking into account Human Machine Interface (HMI) related provisions and overreliance, as a safety concern.

**Documentation:** (ECE/TRANS/WP.29/GRVA/2020/22  
ECE/TRANS/WP.29/GRVA/2020/23  
ECE/TRANS/WP.29/GRVA/2020/24)

(b) **Steering equipment**

GRVA agreed to resume consideration of ECE/TRANS/WP.29/GRVA/2020/16 inserting provisions for the type approval of emergency assistance systems (e.g. in case of driver’s health problem).

**Documentation:** ECE/TRANS/WP.29/GRVA/2020/16 and GRVA-07-22

GRVA may wish to review any proposal submitted under this agenda item, if any.

(c) **Other business**

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

#### 5. **Advanced Emergency Braking Systems**

GRVA will review the draft amendment to UN Regulation No. 152, following WP.29 decision on ECE/TRANS/WP.29/GRVA/2020/27 at its November 2020 session.

**Documentation:** (ECE/TRANS/WP.29/GRVA/2020/27)

GRVA may wish to review amendments proposal(s) to UN Regulation No. 152, if any.

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

GRVA agreed to review a proposal tabled by the expert from CLEPA introducing provisions allowing the type approval of Electro-Mechanical Braking systems.

**Documentation:** ECE/TRANS/WP.29/GRVA/2020/21

GRVA may wish to review a proposal for amendments to UN Regulation No. 13-H tabled by the experts from OICA and the European Association of Automotive Suppliers (CLEPA) for permitting uniform behaviour of the stop lamp illumination with regard to various types of braking systems, including those of electric vehicles.

**Documentation:** ECE/TRANS/WP.29/GRVA/2020/31

## **7. UN Regulation No. 90**

GRVA may wish to review a proposal related to UN Regulation No. 90, tabled by the expert from CLEPA.

**Documentation:** Informal document GRVA-07-52

## **8. Revision 3 of the 1958 Agreement**

### **(a) Implementation of relevant provisions in Revision 3 to the 1958 Agreement**

GRVA may wish to discuss actions related to the implementation of new provisions contained in Revision 3 to the 1958 Agreement on:

- "Unique Identifier"

GRVA may wish to specify whether some regulations under its remit shall explicitly ban the use of the "Unique Identifier" as specified in Revision 3 to the 1958 Agreement.

- Transitional provisions in UN Regulations

GRVA may wish to define an action plan to align the transitional provisions in UN Regulations in line with the provisions of the 1958 Agreement e.g. the possibility to grant type approval according to previous versions of UN Regulations.

- Article 12.6 and Schedule 7

GRVA may wish to note the purpose of Article 12.6 and Schedule 7 with regard to the approval of innovations.

- Conformity of Production provisions

GRVA may wish to define an action plan to align the Conformity of Production (CoP) provisions in UN Regulations and amend references on CoP in UN Regulations.

### **(b) International Whole Vehicle Type Approval**

GRVA may wish to receive a status report on the activities of the IWG on International Whole Vehicle Type Approval (IWVTA) and the IWG on Database for the Exchange of Type Approval documentation (DETA), if any.

## **9. Other business**

### **(a) List of priorities concerning GRVA activities**

GRVA may wish to discuss the priorities of GRVA.

**Documentation:** (WP.29-182-17)

### **(b) Artificial Intelligence**

GRVA may wish to be informed about the discussion of the Administrative Committee for the Coordination of Work (AC.2) on this matter.

**(c) Framework document on automated/autonomous vehicles (FDAV)**

Following WP.29 decision at its November 2020 session GRVA will review the table in the annex of the FDAV to update the activities and the schedule on automated and autonomous vehicles.

**(d) Any other business**

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

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