



Economic and Social Council

Distr.: General
9 July 2020

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on Automated/Autonomous and Connected Vehicles

Seventh session

Geneva, 21-25 September 2020

Item 1 of the provisional agenda

Adoption of the Agenda

Provisional agenda for the seventh session

Addendum

Annotations

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/2020/19 and Add.1

2. Highlights of the March and June 2020 sessions of WP.29

GRVA may wish to be briefed by the secretariat about the highlights of the March and June 2020 sessions of WP.29, regarding the activities of the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) and common issues.

Documentation: (ECE/TRANS/WP.29/1151 and ECE/TRANS/WP.29/1153)

3. 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.

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.

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 (1958 and 1998 Agreements)

(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 Systems

GRVA may wish to consider a proposal for amendments to the UN Regulation on Automated Lane Keeping Systems (ALKS), tabled by the expert from Germany, aimed at raising the specified maximum speed up to 130 km/h.

Documentation: ECE/TRANS/WP.29/GRVA/2020/32

GRVA may wish to consider a proposal for amendments to the UN Regulation on ALKS, tabled by the expert from Germany, inserting additional requirements for a lane change functionality.

Documentation: ECE/TRANS/WP.29/GRVA/2020/33

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 the text of the footnotes 3 and 6 in the UN Regulation on Cyber Security and Cyber Security Management Systems.

Documentation: (ECE/TRANS/WP.29/2020/94)

GRVA may wish to review a proposal for an interpretation document regarding the UN Regulation on Cyber Security and Cyber Security Management System, if any.

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

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

GRVA may wish to review a proposal for an interpretation document regarding the UN Regulation on Software Updates and Software Updates Management System.

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

(c) Legal considerations regarding technical provisions over the vehicle lifetime

GRVA may wish to be informed by the secretariat about the discussion at WP.29 in March 2020 concerning the legal basis to draft lifecycle and lifetime related provisions under the 1958 Agreement.

Documentation: (Informal document WP.29-180-18)

(d) Other business

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

6. UN Regulation No. 79 (Steering equipment)**(a) Automatically Commanded Steering Function**

GRVA agreed to review two proposals for amendments to the provisions applicable to Automatically Commanded Steering Function (ACSF) of Category C, tabled by the experts from the International Organization of Motor Vehicle Manufacturers (OICA).

Documentation: ECE/TRANS/WP.29/GRVA/2020/22
ECE/TRANS/WP.29/GRVA/2020/23

GRVA may wish to consider a document submitted by the expert from Germany proposing amendments to paragraph 5.6.4.7. allowing to consider additional influencing parameters when identifying the critical situation (e.g. acceleration of the ego-vehicle and/or deceleration of the approaching vehicle) and therefore, when calculating the value of $S_{critical}$.

Documentation: ECE/TRANS/WP.29/GRVA/2020/24

GRVA may wish to perform a general review of the ACSF provisions.

Documentation: (ECE/TRANS/WP.29/GRVA/5, para. 44)

GRVA may wish to review provisions for an alternative Human-Machine Interface (HMI) to control the Remote-Control Parking function, if any.

(b) Steering equipment

GRVA agreed to resume consideration of ECE/TRANS/WP.29/GRVA/2020/16 inserting provisions for a new category of Emergency Steering Function (ESF) aimed to allow 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

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

(c) Remote Control Manoeuvring

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

(d) Other business

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

7. Advanced Emergency Braking Systems

GRVA agreed to review amendments proposal(s) to UN Regulation No. 152 tabled by the IWG on Advanced Emergency Braking Systems (AEBS)

Documentation: ECE/TRANS/WP.29/GRVA/2020/26
ECE/TRANS/WP.29/GRVA/2020/27

ECE/TRANS/WP.29/GRVA/2020/28
ECE/TRANS/WP.29/GRVA/2020/35

GRVA agreed to review a document tabled by the expert from OICA, proposing amendments to the Electronic Stability Control deactivation provisions affecting AEBS.

Documentation: ECE/TRANS/WP.29/GRVA/2020/25

GRVA may wish to review proposals for amendments to the draft UN Regulation on 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) Modular Vehicle Combinations

GRVA agreed to review a proposal for amendments to UN Regulation No. 13 with provisions relevant for Modular Vehicle Combinations (MVC), tabled by the expert from OICA.

Documentation: ECE/TRANS/WP.29/GRVA/2020/30

(c) Clarifications

GRVA agreed to review a proposal tabled by the expert from France, clarifying the provisions in Annex 3, paragraph 1.5.3.1.

Documentation: ECE/TRANS/WP.29/GRVA/2020/20

GRVA agreed to review a proposal tabled by the expert from OICA 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

GRVA agreed to review proposals for amendments inserting requirements for endurance braking systems for vehicles equipped with an electric regenerative endurance braking system, submitted by the experts from Germany and OICA, separately.

Documentation: ECE/TRANS/WP.29/GRVA/2020/36
ECE/TRANS/WP.29/GRVA/2020/37

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 may wish to review any proposal related to UN Regulation No. 90, if any.

11. 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 subgroup activities, if any.

12. Other business

(a) List of priorities concerning GRVA activities

GRVA may wish to discuss the priorities of GRVA.

Documentation: (ECE/TRANS/WP.29/2020/1/Rev.1)

(b) Artificial Intelligence

GRVA may wish to receive presentations from Standard Developing Organizations on their activities related to Artificial Intelligence in road vehicles, if any.

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

(c) Any other business

GRVA may wish to review the UNECE roadmap for promoting Intelligent Transport System. This roadmap was published in February 2012. The Inland Transport Committee, parent body of WP.29 requested the secretariat, in close cooperation with relevant Working Parties and subsidiary bodies, to prepare a revised roadmap for consideration in the framework of relevant Working parties, the ITC Bureau and possible adoption at its eighty-third session in February 2021, subject to availability of resources.

Documentation: (ECE/TRANS/294, para. 31-32)

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