

Updated and consolidated provisional agenda for the sixteenth session of GRVA

(Including informal documents submitted to the secretariat until 19 May 2023 5.30 p.m.)

1. Adoption of the agenda

In accordance with Chapter III, Rule 7 of the Rules of Procedure (ECE/TRANS/WP.29/690/Rev.2) 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/2023/7
[Informal document GRVA-16-01 and GRVA-16-02 \(Secretariat\)](#)

2. Highlights of the March 2023 session of WP.29

GRVA may wish to be briefed by the secretariat on the highlights of the March 2023 session of WP.29, regarding the activities of the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) and common issues.

Documentation: [Informal document GRVA-16-03 \(Secretariat\)](#)

3. Artificial Intelligence in vehicles

GRVA may wish to review the amendments to definitions in the context of Artificial Intelligence relevant for vehicle regulations, tabled by the expert from the International Organization of Motor Vehicle Manufacturers (OICA), as well as any other input, if any.

GRVA may wish to discuss potential suggestions to the Administrative Committee on the coordination of work (AC.2).

Documentation: [Informal documents GRVA-16-04 and GRVA-16-05 \(CLEPA, OICA\)](#)
[\(GRVA-11-04 and GRVA-13-04/Rev.1\)](#)

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).

Documentation: [Informal documents GRVA-16-29 and GRVA-16-30 \(FRAV\)](#)

(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 System 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 No. 157

GRVA may wish to be briefed on activities of the Special Interest Group (SIG) on UN Regulation No. 157, if any.

GRVA may wish to review the proposal for amendments to UN Regulation No. 157, tabled by the expert from the Netherlands, aimed at clarifying the reference to UN Regulation No. 10 (EMC) in line with the recommendations in ECE/TRANS/WP.29/1044/Rev.3.

Documentation: ECE/TRANS/WP.29/GRVA/2023/8

GRVA may wish to review any other amendment proposal to UN Regulation No. 157, if available.

(e) Coordination of work on automation between working parties (GRs)

GRVA may wish to discuss the work coordination between working parties concerning Automated Driving Systems.

GRVA may wish to be briefed by the expert from France on the progress made by the task force screening the UN Regulations and UN Global Technical Regulations (of relevance) regarding Automated Driving Systems.

GRVA received an amendment proposal to UN Regulation No. 48, based on ECE/TRANS/WP.29/GRE/2023/9 tabled by the GRE Task Force on Autonomous Vehicle Signalling Requirements (AVSR), aiming to introduce provisions for vehicles with a *driving system*, which controls their operation or may be operated by *driver support features* or *automated driving features* or by an *Automated Driving System*.

Documentation: Informal document GRVA-16-12 (TF on AVSR)

GRVA received a presentation containing considerations on vehicle categories for ADS tabled by the experts from CLEPA and OICA.

Documentation: Informal document GRVA-16-13 (CLEPA, OICA)

(f) Other business

GRVA may wish to receive presentation by ISO on their recent achievements.

Documentation: Informal document GRVA-16-24 (ISO)

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 Cyber Security and Over-the-Air (CS/OTA) issues and their review of the proposed work item on the data security of intelligent and connected vehicles.

Documentation: Informal document GRVA-16-16 (CS/OTA)

GRVA agreed to detail the envisaged deliverables and milestones of the group for the mandate extension, including a timeline (until November 2024 and possibly beyond).

GRVA agreed to resume consideration on the inclusion of agricultural vehicles in UN Regulation No. 155.

Documentation: Informal document GRVA-16-26 (Germany)

GRVA may wish to resume consideration of the amendment proposals to UN Regulation No. 155 and its Interpretation Document, tabled by SAE International, and review the conclusion of IWG on CS/OTA on these proposals.

Documentation: (Informal document GRVA-15-18)
Informal document GRVA-16-15 (CS/OTA)

GRVA may wish to be briefed on the outcome of the technical workshop on the implementation of cyber security provisions under the 1958 and 1998 Agreements, on the model of those already organized for the implementation of UN Regulation No. 155.

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

GRVA may wish to consider any proposal regarding software updates and over-the-air issues, if available.

(c) Data and vehicle communications

GRVA may wish to resume discussion on the challenges related to telecommunication coverage, latency and interference and more generally about vehicles communications.

GRVA may wish to be briefed on the outcome of discussions at AC.2 and WP.29 regarding Vehicle-to-Vehicle data exchange.

(d) Other business

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

Documentation: [Informal document GRVA-16-21 \(ISO\)](#)

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 (ADAS), if any, related to the activities on the drafting of a new UN Regulation on Driver Control Assistance Systems (DCAS).

Documentation: [Informal document GRVA-16-18 \(TF on ADAS\)](#)

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

GRVA may wish to consider any amendment proposal to UN Regulation No. 79, if available.

Documentation: [Informal documents GRVA-16-06 \(OICA\), GRVA-16-08 and GRVA-16-09 \(CLEPA, OICA\)](#)

(c) Acceleration Control for Pedal Error

GRVA may wish to be briefed on the outcome of the recent meeting(s) of the IWG on Acceleration Control for Pedal Error (ACPE), if any, related to the activities on the drafting of a new UN Regulation on ACPE.

(d) Other business

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

7. Advanced Emergency Braking System

(a) Advanced Emergency Braking System

GRVA may wish to resume consideration of the proposal tabled by the expert from Germany for a new UN Regulation on Urban Emergency Braking System (UEBS), specifically for heavy vehicles travelling at low speeds and for the protection of vulnerable road users.

Documentation: [\(ECE/TRANS/WP.29/GRVA/2022/24\)](#)

GRVA may wish to resume consideration of the proposal tabled by the expert from France for a supplement to UN Regulation No. 152 (Advanced Emergency Braking System for M₁ and N₁), aimed at allowing the use of virtual testing in the context of this Regulation.

Documentation: (Informal documents GRVA-15-19 and GRVA-15-20)
Informal document GRVA-16-22 (CLEPA, OICA)

(b) Lane Departure Warning Systems

GRVA received an amendment proposal to the original text of UN Regulation No. 130 – Lane Departure Warning Systems (LDWS) from the expert from Australia. The proposal is aiming at facilitating effective functioning of the LDWS fitted to Australian supplied vehicles of category M₂, M₃, N₂ and N₃ primarily used under highway conditions.

Documentation: Informal document GRVA-16-10/Rev.1 (Australia)

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

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

(a) Electronic Stability Control

GRVA agreed to review the proposal for amendments to UN Regulation No. 140 (Electronic Stability Control (ESC) Systems), tabled by the expert from OICA, aimed at amending requirements for the final steering amplitude in case of front tyres saturation.

Documentation: ECE/TRANS/WP.29/GRVA/2023/9
Informal document GRVA-16-23 (CLEPA, OICA)

(b) Electromechanical brakes

GRVA will resume consideration of the proposal by the expert from the United Kingdom of Great Britain and Northern Ireland to upgrade Annex 18 of UN Regulation No. 13, considering the development of similar annexes in UN Regulations Nos. 79, 152 and 157 in the recent years.

Documentation: ECE/TRANS/WP.29/GRVA/2023/10

GRVA may wish to be informed on the outcome of the GRVA workshop on Electro-Mechanical Brakes that took place in Brussels in March 2023 (ECE/TRANS/WP.29/1171, para. 62).

Documentation: Informal documents GRVA-16-11 (Secretariat)

GRVA may wish to review the drafting guidance for UN Regulation Nos. 13 and 13-H Electrical Brake System from the expert from the United Kingdom of Great Britain and Northern Ireland, introducing seven principles and describing how they could be used to help draft provisions for new technology while still respecting the intent of the regulation.

Documentation: Informal documents GRVA-16-07 (UK)

GRVA may wish to review the proposal for terms of reference for a Special Interest Group on Electro-Mechanical Brakes (EMB) and Brake By Wire (BBW).

Documentation: GRVA-16-17 (CLEPA, OICA) and GRVA-16-27 (UK)

(c) Clarifications

GRVA may wish to resume consideration of the document tabled by the expert from the International Association of the Body and Trailer Building Industry (CLCCR), a proposal for a supplement to the 11 series of amendments to UN Regulation No. 13 (Heavy vehicle braking), addressing regenerative braking system of the trailer/semi-trailer.

Documentation: (ECE/TRANS/WP.29/GRVA/2023/3)

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 proposals related to UN GTR No. 3 (Motorcycle brakes), if any.

(b) UN Regulation No. 78

GRVA may wish to review any proposal for amendments to UN Regulation No. 78 (Motorcycle and Moped Braking), if available.

10. UN Regulation No. 90

GRVA may wish to review the proposal for amendments to the 01 and 02 series of amendments to UN Regulation No. 90 (Replacement braking parts), tabled by the experts from Italy and the European Association of Automotive Suppliers (CLEPA). The proposal aims at introducing amendments for caliper/ drum set packaging and at allowing, as option, to report the approved vehicles/brakes/axle information as well as fitting instructions through digital format (e.g. QR code, website).

Documentation: ECE/TRANS/WP.29/GRVA/2023/11
ECE/TRANS/WP.29/GRVA/2023/12
[Informal document GRVA-16-14 \(Italy/CLEPA\)](#)

GRVA may wish to review alternative proposals tabled by the expert from the Federation of European Manufacturers of Friction Materials (FEMFM).

Documentation: ECE/TRANS/WP.29/GRVA/2023/13
ECE/TRANS/WP.29/GRVA/2023/14
ECE/TRANS/WP.29/GRVA/2023/15

GRVA may wish to review other proposals for amendments to UN Regulation No. 90, if any.

11. Exchange of views on guidelines and relevant national activities

[GRVA may wish to be informed on activities, conducted at national level or by Standard Developing Organizations, of relevance for GRVA.](#)

Documentation: [Informal document GRVA-16-25 \(Norway\)](#)

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

12. Revision 3 to the 1958 Agreement

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

GRVA will further discuss the concept “Unique Identifier (UI) summary document” related to the use of the Database of the Exchange of Type Approval documentation (DETA), which was developed by GRE and the IWG on DETA.

Documentation: [Informal documents GRVA-16-19 and GRVA-16-20 \(Russian Federation\)](#)

GRVA may wish to be briefed on the work performed by the experts from the Russian Federation, the International Motor Vehicle Inspection Committee (CITA) and CLEPA to complete the table in GRVA-15-11.

Documentation: (Informal document GRVA-15-11)

(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.

13. Other business

(a) Arrangement of meetings

GRVA may wish to be briefed on the input from WP.29 regarding the envisaged organization of a combined meeting with WP.1.

GRVA may wish to discuss the organization of GRVA meetings outside of Geneva in 2024, as envisaged at the January 2023 session.

(b) Any other business

(i) *Activities of Inland Transport Committee and its subsidiary bodies*

At the eighty-fifth session of the Inland Transport Committee in February 2023, the committee invited its Working Parties to submit to the secretariat their ongoing contributions, future plans and suggestions in support of **climate change mitigation** and requested the secretariat, in consultation with the Bureau, to prepare a comprehensive paper with these activities and action-oriented options for the Committee and Working Parties for consideration at the Committee's eighty-fifth plenary session (ECE/TRANS/328, para. 57).

(ii) *Programme of Work*

The Group may wish to review its programme of work to provide guidance to the GRVA leadership team in preparation of the AC.2 sessions in 2023.

Documentation: Informal document GRVA-16-28 (Secretariat)

(iii) *Any other business*

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