

11 June 2021
Original: English

United Nations

Economic Commission for Europe

Working Party on Automated/Autonomous and Connected Vehicles

Workshop on the implementation of UN Regulation No. 155

CONCEPT NOTE

I. TIME AND VENUE

1. The United Nations Economic Commission for Europe is organizing the **Workshop on the implementation of UN Regulation No. 155** with the support of the National Traffic Safety and Environment Laboratory (NTSEL) from Japan. The workshop is organized as an online meeting hosted from the Palais des Nations. It will be held on xx July 2021.

II. BACKGROUND

2. UN Regulation No. 155 is annexed to the 1958 Agreement concerning the Adoption of Harmonized Technical United Nations Regulations for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these United Nations Regulations (Revision 3). It deals with Cyber Security and Cyber Security Management Systems.

3. UN Regulation No. 155 is rather unique in the framework of the 1958 Agreement and also in the field of cyber security. The regulation makes the vehicle manufacturer responsible for ensuring cybersecurity throughout the lifecycle of the vehicle. It demands to address two types of requirements, those related to the cyber security management and those related to the type approval.

4. On the one hand, the Regulation is stringent due to the holistic approach, and the number of requirements. The Regulation lists, in Annex 5, a significant number of cyber threats and vulnerabilities (69 different attack routes), and mitigations (23) that must be considered. On the other hand, the regulation does not provide a high level of details on the way to evidence the compliance with the requirements. The regulator chose to provide guidance in a guidance document instead of inserting them in the regulation. This choice has an importance in the context of the mutual recognition obligation of type approvals according to the provisions of the 1958 Agreement. The regulator therefore inserted in the regulation the obligation for the Approval Authorities to exchange information, via the Database for the Exchange of Type Approval (DETA) on the assessment method used in the context of this regulation.

5. The Working Party on Automated/Autonomous and Connected Vehicles (GRVA) discussed the implementation of UN Regulation No. 155 at its tenth session held in May 2021 and agreed on the need to organize a workshop to discuss the implementation of UN Regulation No. 155 and requested the secretariat to host such event with the support of the NTSEL.

III. PURPOSE

6. The purpose of this workshop is to gather the Approval Authorities that are working on the provisions of para. 5.3. of the Regulation.

7. Approval Authorities of Contracting Parties may report about the process of implementation for fulfilment of the requirements of the Regulation. An exchange could take place on the difficulties and challenges that occurred during this process.

8. The target audience are the representatives of contracting parties applying UN Regulation No. 155, the Approval Authorities and the technical services of contracting parties applying this regulation.

Note: any discussion on potential amendments to UN Regulation No. 155 or its interpretation document (ECE/TRANS/WP.29/182/05) are out of the scope of this workshop.

IV. PROGRAMME

Opening by the Chair of GRVA

Session A (restricted to Contracting Parties): exchange on the application of para. 5.3.

Session B (also open to the NGOs participating in GRVA): exchange on practical solutions to specific issues in the context of this workshop

Conclusion and way forward

V. LANGUAGE

9. The working language of the workshop is English

VI. REGISTRATION

10. Please register following the instructions on the UNECE website (<https://unece.org/transport/events/workshop-implementation-un-regulation-no-155>). The secretariat will share the connection details per email to the duly registered participants.