Economic and Social Council

Economic Commission for Europe

Inland Transport Committee
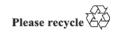
World Forum for Harmonization of Vehicle Regulations

190th session
Geneva, 20-22 June 2023
Item 4.8.5 of the provisional agenda
1958 Agreement:
Consideration of draft amendments to existing
UN Regulations submitted by GRVA

Proposal for a Supplement 2 to the original text of UN Regulation No. 155 (Cyber Security and Cyber Security Management System)

Submitted by the Working Party on Automated/Autonomous and Connected Vehicles*

The text reproduced below was adopted by the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) at its fifteenth session (see ECE/TRANS/WP.29/GRVA/15, para. 49). It is based on Annex V to the session report (GRVA-15-05). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their June 2023 sessions.

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* In accordance with the programme of work of the Inland Transport Committee for 2023 as outlined in proposed programme budget for 2023 (A/77/6 (Sect.20), para 20.6), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

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Annex 5, Part A, second major row of Table A1, item 4, amend to read:

4.3.2 Threats to vehicles regarding their communication channels	4	Spoofing of messages or data received by the vehicle	4.1	**Spoofing of messages** by impersonation (e.g. V2X cooperative awareness or manoeuvre coordination messages, GNSS messages, etc.)
			4.2	**Sybil attack** (in order to spoof other vehicles as if there are many vehicles on the road)

Annex 5, Part B, first row of Table B1, amend to read:

Table A1 reference	*Threats to "Vehicle communication channels"*	*Ref*	*Mitigation*
4.1	Spoofing of messages (e.g. V2X cooperative awareness or manoeuvre coordination messages, GNSS messages, etc.) by impersonation	M10	The vehicle shall verify the authenticity and integrity of messages it receives

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