

4 March 2024

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, including the amendments which entered into force on 14 September 2017)

Addendum 154 – UN Regulation No. 155

Amendment 2

Supplement 2 to the original version of the Regulation – Date of entry into force:
5 January 2024

Uniform provisions concerning the approval of vehicles with regards to cyber security and cyber security management system

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2023/70.



UNITED NATIONS

* Former titles of the Agreement:

Agreement concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958 (original version);
Agreement concerning the Adoption of Uniform Technical Prescriptions 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 Prescriptions, done at Geneva on 5 October 1995 (Revision 2).



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:

<i>Table A1 reference</i>	<i>Threats to "Vehicle communication channels"</i>	<i>Ref</i>	<i>Mitigation</i>
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