

11 December 2023

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## 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)

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#### **Addendum 156 – UN Regulation No. 157**

#### **Revision 1 - Amendment 1**

Supplement 1 to the 01 series of amendments – Date of entry into force 24 September 2023

#### **Uniform provisions concerning the approval of vehicles with regard to Automated Lane Keeping Systems**

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2023/17.



**UNITED NATIONS**

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\* 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).



*Paragraph 2.27.*, amend to read:

"2.27. An 'aborted lane change manoeuvre' is an LCM which is not completed and results in the vehicle returning to its original lane of travel."

*Paragraph 8.2.1.*, amend to read:

".....

- (k) Severe vehicle failure;
- (l) Start of Lane Change Procedure;
- (m) End of Lane Change Procedure;
- (n) Abortion of Lane Change Manoeuvre;
- (o) Start of intentional lane crossing (5.2.1.1. (d));
- (p) End of intentional lane crossing (5.2.1.1. (d))."

*Paragraph 8.2.2.*, amend to read:

"8.2.2. Occurrences flags for paragraph 8.2.1 (l) and (o) are only required to be stored if they happen either within 30 seconds before the following occurrences:

- (a) Start of Emergency Manoeuvre;
- (b) Involved in a detected collision;
- (c) Abortion of Lane Change Manoeuvre;
- (d) EDR trigger input,

or within 5 seconds before a system override."

*Paragraph 8.2.3.*, amend to read:

"8.2.3. Occurrences flags for paragraph 8.2.1. (m) and (p) are only required to be stored if they happen within 30 seconds before the following occurrences:

- (a) Start of Emergency Manoeuvre;
  - (b) Involved in a detected collision; or
  - (c) EDR trigger input."
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