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**Economic Commission for Europe****Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Automated/Autonomous and Connected Vehicles****Twenty-second session**

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Item 6(a) of the provisional agenda

**Advanced Driver Assistance Systems:  
Driver Control Assistance Systems**

**Proposal for a Guidance Document on the Use of DETA  
for the Purpose of UN Regulation No. 171 on uniform  
provisions concerning the approval of vehicles with regard  
to Driver Control Assistance Systems (DCAS)**

**Submitted by the experts from the Task Force on Advanced Driver  
Assistance System\***

The text reproduced below was prepared by the experts from Task Force on Advanced Driver Assistance System to introduce a guidance on the use of the UN secure internet database "DETA" for the exchange of information on incidents related to DCAS operation between Type Approval Authorities. This guidance is to be published as a separate document on the dedicated WP.29 webpage (<https://unece.org/deta-information>). The proposed text is based on that adopted by the Informal Working Group (IWG) on DETA at its fifty-second session (document DETA-52-03-Rev.3).

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\* In accordance with the programme of work of the Inland Transport Committee for 2025 as outlined in the proposed programme budget for 2025 (A/79/6 (Sect. 20), table 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.



## A. Proposal

### Guidance Document on the Use of DETA for the Purpose of UN Regulation No. 171 (Driver Control Assistance Systems)

#### I. Introduction

1. This guidance document is intended to provide guidance to the approval authorities of Contracting Parties to the 1958 Agreement on the use of DETA for the implementation of UN Regulation No. 171 on uniform provisions concerning the approval of vehicles with regard to Driver Control Assistance Systems (DCAS) (documents ECE/TRANS/WP.29/2024/37 as amended by ECE/TRANS/WP.29/2024/146 and ECE/TRANS/WP.29/2025/7).
2. This guidance document does not alter the provisions of UN Regulation No. 171. If there is any inconsistency between these guidelines and the text of the UN Regulation, the latter shall prevail.
3. This guidance document is without prejudice to any guidance, rules and instructions from manuals, user information, instructions on client administration, guidelines or any other DETA documents.
4. For the purpose of these guidelines, "DETA" refers to the 'Database for the Exchange of Type Approval documentation established by the United Nations Economic Commission for Europe'.

#### II. Main principles of exchanging information by DETA

5. The paragraphs of UN Regulation No. 171 relevant for the use of DETA:
  - 7.2.2. *Short-term Reporting of Safety-Critical Occurrences*
    - 7.2.2.1. *Following the initial notification as per paragraph 7.2.1., the manufacturer shall investigate whether the incident was related to DCAS operation and inform the Type Approval Authority of the results of this investigation as soon as possible. If the operation of the system was likely one of the causes of the incident, in addition, the manufacturer shall inform the Type Approval Authority of intended remedial action(s) addressing DCAS design, if applicable.*
    - 7.2.2.2. *If remedial action addressing DCAS design is to be taken by the manufacturer, the Type Approval Authority shall upload the information received from the manufacturer in the English language to the secure internet database "DETA"<sup>1</sup>, established by the United Nations Economic Commission for Europe, without undue delay to communicate this information to all Type Approval Authorities. The information shall be sufficient to understand the incident, the cause of it and the remedial action.*
6. This guidance results in the general use case for DETA that the approval authority that granted a type approval for UN Regulation No. 171 (hereafter called "notifying authority"):
  - (a) Uploads the required information to DETA, and

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<sup>1</sup> <https://www.unece.org/trans/main/wp29/datasharing.html>

- (b) Notifies this to the other authorities by adding a notification message onto DETA.
- 7. The information uploaded to DETA is only available to the Contracting Parties applying UN Regulation No. 171. The notification message, in the form of a standardised text (see paragraph 9(c) of this Guidance Document), will be available to all DETA users.
- 8. Information obtained through DETA for the purpose of the information sharing scheme which is defined in this UN Regulation shall be protected in a secure manner. This information shall not be used for purposes other than preventing negative consequences of DCAS operation.

### **III. General guidance on the use of DETA for exchanging information regarding incidents with DCAS**

- 9. The notifying authority shall proceed as follows:
  - (a) To communicate with the manufacturer to understand fully the nature of the incident, the role of DCAS in it, the cause of it, and the remedial actions (to be) taken by the manufacturer.
  - (b) All required information referred to in UN Regulation No. 171, paragraph 7.2.2.2. shall be put together as one or more pdf files. These files shall be uploaded to the type approval number concerned as document parts of the type "OTHER".
  - (c) The notifying authority then enters the actual notification in the tab "News". This notification includes as a minimum the standard text and approval number, to trace the related information in the DETA archive, as follows:

*"The Approval Authority of [country name] hereby notifies the other Approval Authorities of the Contracting Parties applying UN Regulation No. 171 about the incident related to DCAS operation, the cause of it and the remedial action(s) (being) taken in accordance with UN Regulation No. 171 and in particular with paragraphs 7.2.2.1. and 7.2.2.2. thereof. Please refer to the type approval No. [...] for the details."*

*Note 1:* The notification in "News" has a 2-month expiry date by default. [GRVA may reach an agreement on a different period of time for the availability of such notification.]

*Note 2:* "News" is not a mailing-system. Other users only see the messages after logging into the system. Therefore, this guidance recommends the approval authorities to check the "News" section of DETA on a daily basis.

- 10. The other approval authorities of the Contracting Parties applying UN Regulation No. 171 taking note of the notification message from the notifying authority may submit queries regarding the incident to the notifying authority via email.

## **B. Justification**

- 1. This proposal was created to implement the amended provisions of UN Regulation No. 171, paragraph 7.2.2.2., which involve the use of the secure internet database "DETA" for the purpose of exchanging the information regarding incidents with DCAS operation between type approval authorities of the Contracting Parties.

2. The initial proposal was based on the guidelines adopted by WP.29 (document ECE/TRANS/WP.29/2022/61) provided for implementation of UN Regulation No. 155 on cybersecurity. Further on, the proposal was modified by the IWG on DETA at its fifty-second session (document DETA-52-03-Rev.3).

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