

Proposal for amendments to ECE/TRANS/WP.29/GRVA/2026/3

The text reproduced below is based on that of GRVA/2026/3. The modifications to that text are indicated in **bold** for new characters and ~~strike through~~ for deleted characters.

I. Proposal

Paragraph 2.11.4., amend to read:

{2.11.4. ~~“Detected objects” shall mean objects detected by the perception system of the vehicle and classified by the ADS as relevant for the purpose of performing a dynamic driving task. Objects with a negative relative velocity shall be deemed relevant.~~}

“Detected object” means a static or dynamic object (e.g., ~~animals or other road users~~ animal or other road user) detected by the ADS and recognised as relevant for the purpose of performing the DDT.

Paragraph 5.3.1. of Annex 8, amend to read:

"5.3.1. The data elements **in paragraph 5.3.2.** shall be recorded if the following thresholds are reached or conditions occur:

- (a) Detected collision
- (b) EDR trigger input (excluding last stop trigger)

The DSSAD shall record each data element with a range, resolution, frequency, and accuracy such that the data elements provide sufficient detail, even after any data compression is applied, to evaluate the actions of the ADS vehicle and provide sufficient information to enable understanding of the actual context of the situation for any of the above triggering events. These parameters shall be included in the description of each data element under paragraph 7.3.1.13.1.(c). of this regulation.

Insert new paragraph 5.3.1.2., to read:

5.3.1.2. Notwithstanding the recording interval specified in paragraph 5.3.2., the DSSAD may stop recording the data required to be recorded following the triggering event after the ADS vehicle achieves an MRC or comes to a standstill as described in paragraph 6.1.3.3. of this regulation.

Paragraph 5.3.2., amended to read:

5.3.2. The following table details the data elements of time-series data to be recorded during a triggering event.

<i>Data element</i>	<i>Condition for requirement</i>	<i>Recording interval/time (relative to time stamp triggering event)</i>
Visual images	Mandatory	-7 to +7 seconds
Detected object distance, longitudinal	Mandatory, if available	-7 to 0 seconds
Detected object distance, lateral	Mandatory, if available	-7 to 0 seconds
Detected object relative velocity, longitudinal	Mandatory, if available	-7 to 0 seconds
Detected object relative velocity, lateral	Mandatory, if available	-7 to 0 seconds
Detected object classification	Mandatory, if available	-7 to 0 seconds
Sensor data	Mandatory if 'Detected object elements' are not available	-7 to 0 seconds
ADS-requested accel demand	Mandatory	-7 to +7 seconds
ADS-requested service braking demand	Mandatory	-7 to +7 seconds
ADS-requested parking brake demand	Mandatory	-7 to +7 seconds
ADS-requested steering demand	Mandatory	-7 to +7 seconds
Vehicle acceleration, longitudinal	Mandatory	-7 to +7 seconds
Vehicle acceleration, lateral	Mandatory	-7 to +7 seconds
ADS-determined vehicle speed	Mandatory	-7 to +7 seconds

Insert new paragraph 5.4., to read:

5.4 Power and communication failure

If a fault (e.g. due to damage or power loss) results in the absence of a signal needed to generate a DSSAD data element, this regulation does not require the ADS to have the capability to restore the signal. However, if such a fault occurs prior to a triggering event, the failure of the source of the signal (e.g., system or sensor) shall be recorded by the DSSAD (in accordance with paragraph 5.3.1.) If the fault occurs after the triggering event (i.e., during recording), the failure of the source shall not affect the data recorded by the DSSAD prior to the occurrence of the fault.

Data need not be recorded when the power or the communication is lost to the device hosting the DSSAD or systems providing data.