

Proposal for amendments to FRAV interim submission

Submitted by the expert from the United Kingdom

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Proposal

5.8 ADS Performance of the DDT under Nominal Traffic Scenarios

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5.9.3 This section recommends requirements for assessing the ADS performance of the DDT under critical driving conditions.

5.9.3.1 The requirements of section 5.8 shall continue to apply during critical scenarios as far as is reasonably practicable under the specific circumstances with the aim of minimising overall risk.

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5.10.1 The following recommendations address the Framework document on automated/autonomous vehicles (ECE/TRANS/WP.29/2019/34/Rev.2) guidance regarding the assurance of system safety and responses to system failures that compromise the capability of the ADS to perform the entire DDT.

5.10.1.1 The requirements of section 5.8 shall continue to apply during failure scenarios as far as is reasonably practicable under the specific circumstances with the aim of minimising overall risk.

Justification

As the document is currently written there is no application of the requirements for nominal scenarios to critical and failure scenarios. This amendment extends these requirements to all scenarios as long as that would be reasonably practical in the situation. For example, in a critical scenario where another road user may collide with the ADS vehicle it should still signal to other road users in line with traffic rules whilst taking evasive action.