

**France requests the definition of a common interpretation of the new UN Regulation No. [157] on uniform provisions concerning the approval of vehicles with regards to Automated Lane Keeping System (ALKS), with regards approaching emergency vehicles.**

## **I. Context**

- 2.5. “*Unplanned event*” is a situation which is unknown in advance, but assumed as very likely in happening, e.g. [road construction, inclement weather, approaching emergency vehicle, missing lane marking, load falling from truck (collision)] and which requires a transition demand.
- 5.4. Transition demand and system operation during transition phase
- The fulfilment of the provisions of this paragraph shall be demonstrated by the manufacturer to the technical service during the inspection of the safety approach as part of the assessment to Annex 4 and according to the relevant tests in Annex 5.
- 5.4.1. The activated system shall recognise all situations in which it needs to transition the control back to the driver.
- 5.4.2.2. In case of an unplanned event, a transition demand shall be given upon detection.
- Annex 5:
- 5.3. Additional other test cases may be assessed if it is deemed justified by the Technical Service. Some of the cases may include:
- Emergency vehicles

## **II. Interpretation question**

In the spirit of the current proposal, is there an obligation to the system to detect approaching emergency vehicles in order to alert the driver or to initiate a transition demand ?

Do we consider an approaching emergency vehicles as unplanned event, so that, requirements of paragraph 5.4.2.2. apply ?

## **III. Justification**

In order to have a common application by Contacting parties, technical services and manufacturers, to avoid vehicles fitted with ALKS on the market that may react differently due to unharmonized application, France requests to have a discussion and a clear statement on the detection of approaching emergency vehicles.

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