

ADS GID Change Request

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Date	27 April 2026	Please use month name (e.g., "12 January 2026")
Document	ADS-20-13/Rev.1	
Agenda Item	5.2.	
Submitted by	UK	Affiliation only—No personal information
Title	faults, malfunctions, and abnormalities	25 words or less (used to post document)
Location	6.1.4.2	e.g., impacted section, paragraph number(s)
Summary	The terms faults, malfunctions, and abnormalities do not appear to have distinct meaning when used in this requirement	<input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Accepted as amended <input type="checkbox"/> Deferred (further discussion) <input type="checkbox"/> Not accepted <input type="checkbox"/> Withdrawn
Original Text	<p>This requirement encompasses three kinds of issues:</p> <ol style="list-style-type: none"> 1. Warning signals sent by other systems (note this is covered more directly by paragraph 6.3.6) 2. Faults, malfunctions and abnormalities without warning signals that a driver would be expected to perceive (e.g., sideways drift when braking) 3. Faults, malfunctions and abnormalities within the ADS itself (e.g. sensors/perception, actuators...) <p>Receiving a warning does not necessarily mean an immediate impact on the DDT and the obligation is to detect and respond to faults that do compromise the capability to perform the DDT. The response of the ADS to these faults is handled in other requirements (e.g. 6.1.4.3.)</p>	
Revised Text	<p>In this requirement the intention was for "faults, malfunctions, and abnormalities" to cover any failure in the ADS' capability to perform the DDT, they do not have specific distinct meanings with regards to this requirement.</p> <p>This requirement encompasses three kinds of issues:</p> <ol style="list-style-type: none"> 1. Warning signals sent by other systems (note this is covered more directly by paragraph 6.3.6) 2. Faults, malfunctions and abnormalities without warning signals that a driver would be expected to perceive (e.g., sideways drift when braking) 3. Faults, malfunctions and abnormalities within the ADS itself (e.g. sensors/perception, actuators...) <p>Receiving a warning does not necessarily mean an immediate impact on the DDT and the obligation is to detect and respond to faults that do compromise the capability to perform the DDT. The response of the ADS to these faults is handled in other requirements (e.g. 6.1.4.3.)</p>	
Rationale	<p>This requirement refers to "faults, malfunctions, and abnormalities" without there being any explanation of what "malfunctions, and abnormalities" are and how they differ from faults. The meaning can be found in the second half of the requirement "compromise its capability to perform the DDT within the ODD." But it could be misinterpreted because different words are used.</p> <p>It should be added to the bucket list to use more consistent language in this requirement</p>	

Discussion

