

Below a proposal to clarify the definition of a “severe ALKS failure”. Deleted text ~~stricken through~~ and the proposed text and justification in **blue** text.

2.11.3. A “severe ALKS failure” is a failure specific to the operation of the ALKS that affects the safe operation of the system when in failure mode with ~~an acceptable occurrence~~ **a very low probability of occurrence such as generally used for essential components as e.g. an electronic control unit.** Single sensor failures are only considered as such when accompanied by another influence affecting the safe operation of the system.

Justification:

-the wording “acceptable occurrence” is subjective.

-the proposed wording “very low probability” is copied from ISO 26262. To make a reference to a certain part (in this case an ECU) is not unique. In R79 par. 5.3.1.1. there is a reference to the braking system to give the level of safety. Above that during the teleconferences last year the ECU was already mentioned as being an important part which could not reasonably be redundant and failures are really very seldom.