

Open issues for 5th AFS session– R XXX Adaptive Front Lighting Systems

Following the 4th meeting, the key points which still need resolving are as follows:

1. Safety Concept (2.2.2.1, 5.9.4, 6.2.7)

Is it possible or necessary to use Annex 18 from R13.09 to govern technical service access to manufacturer FMEA or similar documents. Or is further expansion of paragraph 2.2.2.1 necessary ?

Should relevant FMEA documentation be foreseen as an alternative in 2.2.2.1. to the envisaged testing? (testing may be difficult in certain cases). Access to FMEA could become an optional part of the safety concept, providing detailed reasons/insight into the design process concerning reliability and effectiveness of the safety measures.

2. Failure provisions (5.9, 5.9.1)

The failure discussion was not completely finished at the 4th meeting, due to the R48 discussion re-opening some issues. There may be a need to look again at RXXX based on the R48 discussions.

3. Photometric values. (6.2.9.1, Annex 3 Tables)

The only outstanding issue is point 50L – 15 lux or 20 lux ? (25 or 35 lux for Class W beam). To answer the question in which respect point 50L is a glare point. And which consequences arise then.

4. Annex 8 Provisions for unapproved light sources. Some delegates requested that this Annex be held open pending further possible amendments to it, which ensure adequate regulation of "unregulated" light sources not covered in R37 or R99.

5. Annex 9 Cut-off line. Awaiting two alternative proposals (with or without instrumental aim) from an informal group to be convened by GTB-AFS.

6. The document should be carefully read for editorial points and re-numbered before submission to GRE.