

1.4 GNSS positioning may be approved at the request of the applicant.
However, if the applicant opts to request approval ~~to~~ of AECD/AECS without the GNSS positioning as described in this regulation, national requirements of the Contracting Parties apply.

~~1.4a~~ Hands-free audio performance may be approved at the request of the applicant.
However, if the applicant opts to request approval ~~to~~ of AECD/AECS without the hands-free audio performance assessment as described in this regulation, national requirements of the Contracting Parties apply.

Commenté [EM1]: Use same approach as for GNSS. Perform hand-free audio performance assessment at the request of the manufacturer

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~~2.5~~ "Power supply" means back-up battery when fitted, or in its absence, any power source feeding the AECD after the ~~sled test defined in Annex 7~~ ~~impact~~.

Commenté [EM2]: Power supply cannot be dedicated to the sled test.

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- 7.6.1. The following AECD components shall be tested to Annex 7:
- Control module,
 - **Communication module excluding microphones and loudspeakers.**
 - ~~AECD information signal device~~
 - ~~back-up battery (if fitted) Power supply~~
 - **Connectors**
 - Network access antenna,

Commenté [EM3]: Not tested in part 2 if included in the AECD, so has to be tested here.

- 7.6.2. If the applicant for approval so requests, the following AECD components may be tested to Annex 7:
- AECD warning signal device,
 - Hands-free audio equipment (microphones and loudspeakers),
 - ~~AECD information signal device~~
 - GNSS antenna and
 - GNSS receiver

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16.1.5 Vehicles of category M1 shall be subject to the following:

16.1.5.1. Vehicles of category M1 with a total permissible mass less or equal to 2,5 tons and R-point height at or below 700 mm:

~~16.1.5.1.1.~~ paragraphs ~~17.3.1.~~ ~~17.4.1~~ and ~~17.3.2.~~ ~~17.4.2~~, or paragraph ~~17.3.3.~~ ~~17.4.3~~ ~~for vehicles equipped with side airbag.~~

~~16.1.5.1.2.~~ paragraphs ~~17.3.1.~~ or paragraph ~~17.3.3.~~ for vehicles not equipped with side airbag.

~~16.1.4.1.2.~~ paragraphs ~~17.3.1~~ and ~~17.3.2.~~ or paragraph ~~17.3.3~~

~~16.1.5.1.3.~~ paragraph ~~16.X.X.~~ ~~17.2.~~

Commenté [EM4]: This is to resolve the issue of vehicles complying with Reg.95 without side airbag

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16.5. Hands-free audio performance

The AECS shall provide sufficient voice intelligibility for the vehicle **driver occupant and the PSAP** according to ~~[Annex XXX] [P.Emergency ITU T Recommendation]~~. ~~Subject to paragraph 1.4a, this can be demonstrated by proving compliance with ITU-T Recommendation P.1140 in a vehicle prior to conducting any of the tests according to Regulations No.94 and No.95. In addition, subjective testing in accordance with paragraph 16.5.1 shall be conducted after performing tests according to Regulations No.94 and No.95.~~

Commenté [EM5]: HF audio instrumental testing pre-crash plus simple subjective test post-crash, both by request of the manufacturer

16.5.1 Testing languages

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17.5 Verification of AECS functionality (emission of Ecall, HMI functionality and MSD)

The following items shall be verified according to the test procedures of **Annex 9** ~~or paragraph 4 or 5 to Annex 10~~ of this regulation as appropriate:

Commenté [EM6]: To be discussed with technical services if procedure in Annex 10 is practical.

17.5.1 Activation of automatic call

17.5.2 ~~When relevant, m~~Manual emergency call control operation

Commenté [EM7]: When is it not relevant?