

IWG on Electromagnetic Compatibility (IWG EMC)

Status report to GRE-87

October 2022

IWG EMC - Status Report

Draft proposal for 07 series of Amendments to UN R10:

- New agreed requirements since April 2022:
 - Implementation of AVAS (test conditions & failure criteria) as immunity related function in Annex 6, paragraph 2.1.1.2
 - For long (12m) / wide (2.6m) / high (4m) vehicle additional reference points shall be chosen in Annex 6, paragraph 3.4
 - Frequency range up to to 6GHz in Annex 6, paragraph 1.3

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Draft proposal for 07 series of Amendments to UN R10:

- Items under discussion(1/2):
 - ESA charging cables: Draft of a table with a defined test procedure for charging modes and the corresponding annexes. A conducted survey among CPs for best practices will contribute to the finalization.
 - eCall: Guidance was received by GRSG and will contribute to the discussion for the next working group meeting. Further specification of the wording will be the focus.
 - REESS test procedure: For the input current, there is no agreement regarding test parameters yet (16A or 20A).

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Draft proposal for 07 series of Amendments to UN R10:

- Items under discussion(2/2):
 - Alternative test methods for long, wide, or high vehicles are under development with the goal to be able to test long/wide/high vehicles in a more environment-independent manner.
 - Market surveillance: A study presented by JRC shows new emission-relevant findings in relation to speed profiles. The working group welcomes further information and insights as the study progresses.

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Draft proposal for future 08 series of Amendments to UN R10:

- Items for decision:
 - ESD: Due to the time constraint, the majority of the CPs (78%) has the position that the subject of ESD should be dealt with in the 08 series of amendments.
 - Immunity below 20 MHz: The majority of the CPs (89%) support the position that the frequency extension below 20 MHz should not be introduced in the 07 series of amendments, because further justifications are necessary.

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Future planning and outlook:

- Next IWG session on the 9th of November
- Prepare the final draft of the 07 series of amendments as a working document for the 88th session of GRE by end of January 2023.