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Item 7 (m) of the provisional agenda

Other Regulations – Regulation No. 123 (Adaptive Front-lighting Systems (AFS))

Proposal for Supplement 8 to the 01 series of amendments to Regulation No. 123 (Adaptive Front-lighting Systems (AFS))

Submitted by the expert from the International Automotive Lighting and Light Signalling Expert Group (GTB)*

The text reproduced below was prepared by the expert from the GTB to correct editorial errors and to improve the text to avoid misinterpretation. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Paragraph 6.3.2.1.1., amend to read:

"6.3.2.1.1. The maximum value (I_M) shall in no circumstances exceed 215,000 cd **in each of the lighting units (driving beam) mounted on the left- and right-hand side of the vehicle.**"

Paragraph 6.3.3.1.; amend to read:

"6.3.3.1. The system meets the requirements of the **table in paragraph 6.3.2. and** paragraphs 6.3.2.1.1. ~~and 6.3.2.1.2.~~ above, ~~with each lighting unit when~~ measured according to the relevant procedure indicated in Annex 9."

II. Justification

1. This proposal corrects a reference.
 2. A potential problem of misinterpretation is removed by deleting the words "with each lighting unit" from paragraph 6.3.3.1. This wording is redundant or contradicts Annex 9 and could lead to an incorrect interpretation that each lighting unit shall meet photometric requirement in all cases.
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