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Item 14(a) of the provisional agenda

Regulation No. 98 (Headlamps with gas-discharge light sources)

Proposal for Corrigendum 1 to Supplement 13 to Regulation No. 98

Submitted by the experts from the Working Party “Brussels 1952”*

The text reproduced below was prepared by the expert from the Working Party “Brussels 1952” (GTB) to introduce provisions into Regulation No. 98 to allow a mixture of light-sources including light emitting diodes (LED) modules to produce the driving beam. 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 2006–2010 (ECE/TRANS/166/Add.1, 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., amend to read:

“6.3.2. It is possible to use several light sources for the driving beam, these light sources being listed in ~~either~~ Regulation No. 37 (in this case the filament lamps shall be operated at their reference luminous flux), ~~or~~ **in** Regulation No. 99 **and/or they can be LED module(s)**.

It is also possible that a part of the driving beam...”

II. Justification

With the adoption of single bi-functional passing and driving beam projector systems for reasons of weight reduction and improved installation on the vehicle, there is a need to provide solutions to ensure a good driving beam performance through the use of supplementary light sources. Currently filament light sources are allowed in conjunction with gas discharge lamps to supplement the performance of the driving beam and it is proposed to extend the possibility to also allow LED modules. Compliance to the driving beam photometric requirements will be verified by operating all light sources simultaneously.
