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Item 7 of the provisional agenda

Regulation No. 46

(Devices for indirect vision)

Proposal for draft corrigendum to Regulation No. 46

Submitted by the expert from the Netherlands

The text reproduced below was prepared by the expert from the Netherlands in order to correct an unforeseen consequence of the latest amendments to Regulation No. 46. It is based on informal document No. GRSG 92-9, distributed during the ninety-second session of GRSG (ECE/TRANS/WP.29/GRSG/71, para. 23). The proposed modifications to the existing text of the Regulation are marked in **bold**.

A. PROPOSAL

Paragraph 15.1.4., amend to read:

"15.1.4. The fields of vision defined below shall be established using ambinocular vision, the eyes being at the "driver's ocular points" as defined in paragraph 12.1. The fields of vision shall be determined when the vehicle is unladen in the condition described in paragraph 12.5. They shall be established through windows which have a total light transmission factor of at least 70 per cent measured normal to the surface; **this last provision does not apply to Class I mirrors.**"

B. JUSTIFICATION

In cases where the interior mirror does not provide the required field of vision or that field of vision can not be established through a rear window with a light transmission factor of less than 70 per cent, the mirror is deemed to be an optional mirror; that mirror is not taken into account during the type approval process. Examples are the use of dark rear windows or tinted glazing in the rear of motor caravans for comfort or privacy reasons.

The 02 series of amendments to Regulation No. 46 have made such optional mirrors mandatory. Even when certain obstructions are permitted according paragraph 15.2.4.8.1., the requirements of paragraph 15.1.4. with regard to the total light transmission factor of at least 70 per cent can not be met. As it was never the intention to forbid rear windows with a light transmission factor of less than 70 per cent, paragraph 15.1.4. of the Regulation No. 46 should be corrected.
