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Working Party on Lighting and Light-Signalling

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REGULATION No. 48
(Installation of lighting and light-signalling devices)

Conspicuity markings

Proposal for draft amendments to Regulation No. 48

Submitted by the expert from Japan

The text reproduced below was prepared by the expert from Japan in order to clarify that conspicuity markings, installed on the sides of vehicles, should not be taken into account for the determination of the visibility of white light towards the rear. The modifications to the current text of the Regulation (up to Supplement 1 to the 03 series of amendments) are marked in **bold** characters.

Note: This document is distributed to the Experts of the Working Party on Lighting and Light-Signalling (GRE) only.

A. PROPOSAL

Paragraph 5.10.2., amend to read:

"5.10.2. For the visibility of white light towards the rear of the vehicle, with the exception of white conspicuity markings fitted to the side of the vehicle, there must be no direct visibility of the apparent surface of a white lamp if viewed by an observer moving within Zone 2 in a transverse plane situated 25 m behind the vehicle (see Annex 4);"

B. JUSTIFICATION

Paragraph 6.21.6.1. of the Regulation requires that conspicuity markings have to be fitted to the side of a vehicle "as close as practicable to being parallel to the median longitudinal plane of the vehicle". Side conspicuity markings, however, sometimes are fitted towards the rear at a slight angle due to the structure of a vehicle. In such cases, the apparent surface of conspicuity markings may become visible when observed as specified in paragraph 5.10.2. For this reason, side conspicuity markings should not be taken into account when the visibility of white light towards the rear of vehicles is determined.
