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World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Lighting and Light-Signalling (GRE)

(Fifty-sixth session, 4-7 April 2006,
agenda item 4.11.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 48

(Installation of lighting and light-signalling devices)

Transmitted by the expert from Germany

Note: The text reproduced below was prepared by the expert from Germany, proposing the introduction of two additional, optional end-outline marker lamps at the lower rear side of vehicles and trailers. The modifications to the current text of the Regulation (up to Supplement 13 to the 02 series of amendments) are marked in **bold** characters.

Note: This document is distributed to the Experts on Lighting and Light-Signalling only.

A. PROPOSAL

Paragraph 6.13.2., amend to read:

"6.13.2. Number

Two visible from the front and two visible from the rear.

Optional: two additional lamps visible from the front."

Paragraph 6.13.4.2., amend to read:

"6.13.4.2. In height:

Front: Motor vehicles - the horizontal plane tangential to the upper edge of the apparent surface in the direction of the reference axis of the device must not be lower than the horizontal plane tangential to the upper edge of the transparent zone of the wind-screen.

Trailers and semi-trailers - at the maximum height compatible with the requirements relating to the width, design and operational requirements of the vehicle and to the symmetry of the lamps.

The additional lamps as referred to paragraph 6.13.2. at a minimum possible height compatible with the requirements relating to the design and operational requirements of the vehicle and to the symmetry of the lamps.

Rear: At the maximum height compatible with the requirements relating to the width, design and operational requirements of the vehicle and to the symmetry of the lamps."

Paragraph 6.13.4.3., amend to read:

"6.13.4.3. In length:

No special requirement.

The additional lamps as referred to paragraph 6.13.2. as close as possible to the rear."

B. JUSTIFICATION

This proposal is intended to introduce two additional, optional end-outline marker lamps at the lower rear side of vehicles and trailers. Experience has shown that it is beneficial for the driver to be capable to see the end of the vehicle during nighttime. These lamps enable the driver to do so, giving him a far greater possibility to control the vehicle.
