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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

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

Working Party on Lighting and Light-Signalling (GRE)  
(Fifty-third session, 4-8 October 2004,  
agenda item 2.15.)

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 to insert installation provisions for the possible use of a registration plate which emits the light itself. This proposal corresponds to discussions which took place at the informal GRE meeting on the development of a gtr, held in Ottawa. The modification to the existing text of the Regulation is marked in **bold** characters.

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

**A. PROPOSAL**

Paragraphs 2.7.16.1. to 2.7.16.3., amend to read:

- "2.7.16.1. retro-reflecting **registration plates or a rear registration plate lamp(s)**;
- 2.7.16.2. the retro-reflecting signals mentioned in the ADR (European Agreement concerning the international carriage of dangerous goods by road);
- 2.7.16.3.** other retro-reflective markings which must be used to comply with national requirements for use as regards certain categories of vehicles or certain methods of operation."

Paragraph 5.10., amend to read:

"5.10. No red light which could give rise to confusion shall be emitted from a lamp as defined in paragraph 2.7. in a forward direction and no white light which could give rise to confusion, other than from the reversing lamp **and/or rear registration plate lamp(s)**, shall be emitted from a lamp as defined in paragraph 2.7. in a rearward direction. No account shall be taken of lighting devices fitted for the interior lighting of the vehicle. In case of doubt, this requirement shall be verified as follows:"

Paragraph 6.8.2., amend to read:

"6.8.2. Number

Such that the device illuminates the site of the registration plate, **and/or one rear registration plate lamp(s).**"

Paragraph 6.8.7., amend to read:

"6.8.7. Electrical connections

In accordance with paragraph 5.11.

**In case that a rear registration plate lamp and a rear registration plate which emits the light itself is installed together only one of both devices shall be activated."**

\* \* \*

**B. JUSTIFICATION**

New technologies make it possible to combine the rear registration plate with the "illumination" in such a way that the plate emits the light itself. This proposal proposes the amendments for the possible installation of such "rear registration plate lamps" or rear registration plates which emit light itself.

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