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Working Party on Lighting and Light-Signalling (GRE)

(Fifty-third session, 4-8 October 2004,
agenda item 5.2.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 48

(Installation of lighting and light-signalling devices)

Transmitted by the expert from Japan

Note: The text reproduced below was prepared by the expert from Japan in order to insert requirements for the installation of additional light sources for infrared radiation on front position lamps. This document is a package proposal of TRANS/WP.29/GRE/2004/7/Rev.1. Thus, it should be considered along with that document.

The modification to the existing text of the Regulation is marked in **bold** characters.

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

A. PROPOSAL

Paragraph 6.9.9., amend to read:

"6.9.9. Other requirements

If one or more light source(s) for generating infrared radiation is (are) installed inside the front position lamp, it (they) may be activated only when the headlamp is switched on and the vehicle is in forward motion. In the event that the front position lamp fails, the light source(s) shall be automatically switched off."

* * *

B. JUSTIFICATION

This night vision system is only needed when the headlamp is switched on in the nighttime.

In order to avoid visible red light toward the front, the light source(s) for generating infrared radiation should be prohibited to be lit when the front position lamp fails.

For the purposes of eye safety, activation of the light source(s) is allowed in forward motion of vehicle so that the pedestrians do not see the light source directly in close distance.

This document is closely bound up with TRANS/WP.29/GRE/2004/7/Rev.1 which aims to include the use of an additional light source for night vision systems in the ECE Regulation No. 7. Thus, it should be considered along with TRANS/WP.29/GRE/2004/7/Rev.1.
