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INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Sixty-third session

Geneva, 29 - 31 March 2010

Item 16 of the provisional agenda

REGULATION No. 53

(Installation of lighting and light-signalling devices for L₃ category vehicles)

Proposal for Supplement 12 to the 01 series of amendments to Regulation No. 53

Submitted by the expert from Japan */

The text reproduced below was prepared by the expert from Japan in order to introduce requirements for reciprocally incorporated position lamps with other lamps. The modifications to the current text of the Regulation are marked in bold characters.

*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

A. PROPOSAL

Insert new paragraphs 5.6.1.1.and 5.6.1.2., to read:

"5.6.1.1. The photometric and colorimetric requirements of a lamp shall be fulfilled when all other functions with which this lamp is grouped, combined or reciprocally incorporated are switched OFF.

However, when a front or rear position lamp is reciprocally incorporated with one or more other function(s) which can be activated together with them, the requirements regarding colour of each of these other functions shall be fulfilled when the reciprocally incorporated function(s) and the front or rear position lamps are switched ON.

5.6.1.2. Stop lamps and direction indicator lamps are not permitted to be reciprocally incorporated."

Paragraph 5.6.1.1. (former), renumber as paragraph 5.6.1.3.

Paragraph 6.6.7., amend to read:

"6.6.7. Other requirements

~~None~~

If a front position lamp is reciprocally incorporated with a direction indicator the electrical connection of the front position lamp on the relevant side of the vehicle or the reciprocally incorporated part of it may be such that it is switched off during the entire period (both ON and OFF cycle) of activation of the direction indicator lamp."

Paragraph 6.7.7., amend to read:

"6.7.7. Other requirements

~~None~~

If a rear position lamp is reciprocally incorporated with a direction indicator, the electrical connection of the rear position lamp on the relevant side of the vehicle or the reciprocally incorporated part of it may be such that it is switched OFF during the entire period (both ON and OFF cycle) of activation of the direction indicator lamp."

B. JUSTIFICATION

The above proposal is aimed at introducing requirements for the reciprocally incorporated position lamps with other lamps into Regulation No. 53. This amendment is related to the Informal document No.GRE-62-04, concerning Regulation No. 50, distributed during the sixty-second session of GRE, and to the provisions of Regulation No. 48.
