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**ECONOMIC COMMISSION FOR EUROPE**

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Working Party on Lighting and Light-Signalling (GRE)  
(Fifty-first session, 15-19 September 2003,  
agenda item 1.1.2.9.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 48

(Installation of lighting and light-signalling devices)

Transmitted by the expert from France

Note: The text reproduced below was prepared by the expert from France proposing new provisions in order to clarify the situation of the automatic switching of the hazard warning signal. The amendment is based on the text of a document without a symbol (informal document No. 24), distributed during the fiftieth GRE session (see report TRANS/WP.29/GRE/50, para. 22). The new proposed text is shown in **bold** characters.

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

**A. PROPOSAL**

Paragraph 6.6.7., amend to read:

"6.6.7. Electrical connections

**Shall be such that** all the vehicle's direction-indicator lamps flash in phase.

**The hazard warning signal shall be switched on and off voluntarily by the driver using a separate control. In addition, it may be switched on automatically to indicate to other road-users the risk of an imminent danger which may occur on the vehicle itself.**

The signal shall remain switched on until it is voluntarily switched off. However after an automatic switching on, the signal may be automatically switched off after a minimum operating duration of 5 s.

On M<sub>1</sub> and N<sub>1</sub> vehicles less than 6 m in length, with an arrangement complying with paragraph 6.5.5.2. above, the amber side-marker lamps, when mounted, shall also flash at the same frequency (in phase) with the direction indicator lamps."

\* \* \*

**B. JUSTIFICATION**

At the present time many conditions are already used to switch on automatically the hazard warning signal. In order to clarify the situation, the expert from France proposes to introduce in Regulation No. 48, the automatic switch on and off of this signal, when the risk of an imminent danger is occurring, as indicated in the Vienna Convention, article 32, paragraph 13 b.

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