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Working Party on Lighting and Light-Signalling (GRE)
(Fifty-fourth session, 5-8 April 2005,
agenda item 3.5.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 48

(Installation of lighting and light-signalling devices)

Transmitted by the expert from the Working Party "Brussels 1952" (GTB)

Note: The text reproduced below was prepared by the expert from GTB, in order to insert into Regulation No. 48 additional provisions which would address the activation of the operating tell-tale for front and rear direction indicator lamps equipped with more than one light source. It is based on a document without a symbol (informal document No. GRE-52-23) distributed during the fifty-third GRE session. The modifications to the current text of the Regulation are marked in **bold** characters.

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

A. PROPOSAL

Paragraph 6.5.8., insert a new sub-paragraph after the first sub-paragraph, to read:

"6.5.8. Tell-tale
Operating tell-tale mandatory for or rear direction-indicator lamps.

It shall be activated either:

- **in case of a failure of any one of the light sources incorporated in such direction indicator, or**
- **when any such direction indicator, as a consequence of a failure of one of such light sources, ceases to meet the relevant full photometric component requirements,**

as indicated in the applicable documentation according to Regulation No. 6.

If a motor vehicle is equipped to draw "

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B. BACKGROUND

At its fifty-second and fifty-third sessions, GRE considered informal document No. GRE-52-23, submitted by the expert from the Netherlands, which addressed the problems of applying the provisions of paragraph 6.5.8. of Regulation No. 48 in the case of direction indicators equipped with multiple light sources, e.g. LED's., and invited GTB to prepare suitable proposals.

The present proposal reflects the extensive discussions in GTB regarding fail-safe strategies for different layouts of multiple light sources in direction indicators. It provides two alternatives for the activation of the operational tell-tale. Similar amendments have been proposed to Regulation No. 6 in document TRANS/WP.29/GRE/2005/9.
