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Working Party on Lighting and Light-Signalling (GRE)

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agenda item 16.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 48

(Installation of lighting and light-signalling devices)

Transmitted by the expert from the International Organization
of Motor Vehicle Manufacturers (OICA)

Note: The text reproduced below was prepared by the expert from OICA in order to amend tell-tale activation conditions for bend lighting systems and to allow to apply the same conditions also for Adaptive Front-lighting Systems (AFS). The modifications to the current text of the Regulation (up to Supplement 13 to the 02 series of amendments) are marked in **bold** or ~~striketrough~~ characters.

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

A. PROPOSAL

Paragraph 6.2.8., amend to read:

"6.2.8. Tell-tale

Tell-tale optional.

However, in the case where the whole beam or the kink of the elbow of the cut-off is moved to produce bend lighting, an operational tell-tale **whether flashing or not** is mandatory; it shall be **activated** ~~a flashing warning light which comes on~~ in the event of a malfunction of the displacement of the kink of the elbow of the cut-off. **It shall remain activated while the failure is present. It may be cancelled temporarily, but shall be repeated whenever the device which starts and stops the engine is switched on and off.**"

A. JUSTIFICATION

The text above is provided in order to align the provisions for a tell-tale for bend lighting with the new provisions of AFS. In future, it will be possible to have different lighting systems in one car line. The information for the driver, about a malfunction of the lighting system, should not be dependant on the Regulation according to which the headlamps are approved.

For that purpose, OICA proposes to modify Regulation No. 48 in such a way that provides failure indication in the same way for both: bend lighting systems and AFS systems.

The paragraph 6.22.8.2., of TRANS/WP.29/2005/54 (the draft amendments to Regulation No. 48 in the respect to AFS) reads:

"6.22.8.2. A visual failure tell-tale for AFS is mandatory. It shall be non-flashing. It shall be activated whenever a failure is detected with respect to the AFS control signals or when a failure signal is received in accordance with paragraph 5.9. of Regulation No. xxx. It shall remain activated while the failure is present. It may be cancelled temporarily, but shall be repeated whenever the device which starts and stops the engine is switched on and off."

Bend lighting systems, which are approved according to Regulations Nos. 98 and 112 with a flashing warning light, as failure indication must remain approvable in the future in order to avoid modifications of existing systems, which are already available in the market and may also be installed in new vehicles.
