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Working Party on Lighting and Light-Signalling

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Geneva, 26-30 March 2007

Item 4.5. of the provisional agenda

REGULATION No. 48
(Installation of lighting and light-signalling devices)

Requirements for fog lamps

Proposal for draft amendments to Regulation No. 48

Submitted by the expert from Germany

The text reproduced below was prepared by the expert from Germany in order to allow the deactivation of rear fog lamp(s) of a towing vehicle while the rear fog lamp(s) of its trailer is (are) activated. The modifications to the current text of the Regulation (up to Supplement 1 to the 03 series of amendments) are marked in **bold** or ~~strikethrough~~ characters.

Note: This document is distributed to the Experts of the Working Party on Lighting and Light-Signalling (GRE) only.

A. PROPOSAL

Paragraph 6.11.7.4., amend to read:

"6.11.7.4. Except as provided in paragraphs 6.11.7.1., ~~and~~ 6.11.7.3. **and 6.11.7.5.**, the operation of the rear fog lamp(s) shall not be affected by switching on or off any other lamps."

Insert a new paragraph 6.11.7.5., to read:

"6.11.7.5. The rear fog lamp(s) of a drawing motor vehicle may be automatically switched off while a trailer is connected and the rear fog lamp(s) of the trailer is (are) activated."

B. JUSTIFICATION

This proposal is aimed at introducing the possibility to deactivate the rear fog lamp(s) of a drawing motor vehicle when the rear fog lamp(s) of its trailer is (are) activated. The rear fog lamp(s) of a drawing motor vehicle is (are) often obscured by the trailer and is (are) not visible to the following vehicles.

In addition, trailers with brightly coloured or reflecting front parts can reflect the light of the rear fog lamp(s) and this can causes driver's "self-glare" through the rear-view mirrors. Especially in foggy conditions glare and also "self-glare" can reduce the driver's vision drastically. This proposal is aimed at improving this situation without reducing the visibility of the vehicle combination because the rear fog lamp(s) of the trailer will be activated.
