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INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

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Item 10(g) of the provisional agenda

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

Regulations Nos. 48, 98 and 112

Proposal for draft collective amendments to Regulation Nos. 48, 98 and 112

Submitted by the expert from the United Kingdom */

The text reproduced below was prepared by the expert from the United Kingdom in order to ensure that measures, required by Regulations Nos. 98 and 112, to prevent discomfort to other road-users when the vehicle is used in traffic travelling on the side opposite to that for which it was designed, are accessible when the lamps are installed on a vehicle in accordance with Regulation No. 48. The modifications to the existing 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

A.1. PROPOSAL TO AMEND REGULATION No. 48 (Installation of lighting and light signalling devices)

Insert a new paragraph 5.2.1., to read:

"**5.2.1. In the case of headlamps fitted with measures to prevent discomfort to other road-users in a country where traffic operates on the side of the road opposite to that of the country for which the headlamp was designed, such measures shall be achieved using a simple procedure by the vehicle user with the vehicle in the parked condition without the need for special tools (other than those provided with the vehicle) and the vehicle handbook shall provide a detailed description of the procedure accordingly.**"

A.2. PROPOSAL TO AMEND REGULATION No. 98 (Vehicle headlamps equipped with gas-discharge light sources)

Paragraph 5.4.1., amend to read (insert reference to footnote x/ and new footnote x/:)

"5.4.1. In the case of headlamps designed to meet the requirements of traffic moving on one side of the road (either right or left) only, appropriate measures shall be taken to prevent discomfort to **road-**users in a country where traffic moves on the side of the road opposite to that of the country for which the headlamp was designed. **x/** Such measures may be:

…..

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x/ Instructions on the installation of lamps fitted with these measures are given in Regulation No. 48."

Note by the secretariat: The reference(s) to further footnote(s) will be renumbered accordingly.

A.3. PROPOSAL TO AMEND REGULATION No. 112 (headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps)

Paragraph 5.8.1., amend to read (insert reference to footnote x/ and new footnote x/:):

"5.8.1. In the case of headlamps designed to meet the requirements of traffic moving on one side of the road (either right or left) only, appropriate measures shall be taken to prevent discomfort to **road-**users in a country where traffic moves on the side of the road opposite to that of the country for which the headlamp was designed. **x/** Such measures may be:

…..

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x/ Instructions on the installation of lamps fitted with these measures are given in Regulation No. 48"

Note by the secretariat: The reference(s) to further footnote(s) will be renumbered accordingly.

B. JUSTIFICATION

Regulation No. 98 Supplement 9 paragraph 5.4. and Regulation No. 112 Supplement 8 paragraph 5.8. introduced specific measures to prevent discomfort to other road users when a vehicle is used in a country where vehicles operate on the opposite side of the road. However, no corresponding requirements were introduced into Regulation No. 48 to ensure that the lamps are installed such that these measures can be achieved by the driver.

This proposal amends Regulation No. 48 to ensure that a competent person can implement the measures required by these paragraphs without the need for complex procedures or the assistance of a trained mechanic.

This proposal also inserts into Regulations Nos. 98 and 112 a footnote making reference to the new requirements in Regulation No. 48.

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