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**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Sixty-second session

Geneva, 6 - 9 October 2009

Item 12 of the provisional agenda

**REGULATION No. 112**  
**(Headlamps emitting an asymmetrical passing beam)**

**Proposal for draft amendments**

**Proposal for draft Corrigendum 3 to Supplement 8 to Regulation No. 112**

**Submitted by the expert from Poland \*/**

The text reproduced below was prepared by the expert from Poland in order to introduce corrections to clarify the text of the Regulation. The proposal is based on a document without symbol (informal document No. GRE-61-09), distributed during the sixty-first session of the Working Party on Lighting and Light-Signalling (GRE) (see report ECE/TRANS/WP.29/GRE/61, para. 43). The modifications to the current text of the Regulation No. 112 are marked in bold characters.

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\*/ 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

Paragraph 3.3., amend to read:

"3.3. Headlamps **equipped with passing beam** designed to satisfy the requirements both of right-hand and of left-hand traffic shall bear markings indicating the two settings of the optical unit or LED module on the vehicle or ...position for left-hand traffic."

Annex 1.

Item 9., amend to read:

"9. Brief description:

Category as described by the relevant marking: 3/ .....

.....

Number and category(s) of filament lamp(s): .....

.....

Measures according to paragraph 5.8. of this Regulation: .....

Number and specific identification code(s) of LED module(s) .....

Number and specific identification code(s) of electronic light source control gear(s)

Total objective luminous flux as described in paragraph **5.9.** exceeds 2,000 lumen:  
yes/no/**does not apply** 2/

The adjustment of the cut-off has been determined at: 10 m/25 m/**does not apply** 2/

The determination of the minimum sharpness of the "cut-off" has been carried out at:  
10 m/25 m/**does not apply** 2/."

B. JUSTIFICATION

The previous content of paragraph 3.3. suggested that even headlamps producing main beam should be marked "R/D" indicating the position for right-hand traffic and "L/G" indicating the position for left-hand traffic. Main beam headlamps produce symmetrical light pattern so there is no need to differentiate them when used in left-hand or right-hand traffic. Paragraph 5.9. mentions the need to reference item 9 of communication form when total objective luminous flux exceeds 2000 lm.

The inclusion of a third possibility, indicated by the statement: "does not apply" offers an opportunity to state that type approved device does not need to be in conformity with those specific requirements, as it is in the case of headlamps intended to produce main beam only.

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