ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Lighting and Light-Signalling (GRE)
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agenda item 15.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 112

(Headlamps emitting an asymmetrical passing beam)

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 propose provisions for reduced illumination of headlamps under the conditions set out in a parallel proposal for amendments to Regulation No. 48. The modifications to the existing text of the Regulation (up to draft Supplement 6 to the original version) are marked in bold characters.

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

Part A,

Paragraph 2.2.2., amend to read:

"2.2.2. a brief technical description including:

2.2.2.1. in the case where the headlamps are used to produce bend lighting, the extreme positions according to paragraph 6.2.9. below;

2.2.2.2. in the case where the headlamps have a system for reduction of illumination, the means of achieving the reduction."

Part B,

Insert a new paragraph 6.1.5., to read:

"6.1.5. Headlamps having a system for reduction of illumination shall be checked in the conditions for both normal and reduced illumination."

Paragraph 7.1., amend to read:

"…. the light of the beams shall be in the following boundaries in the conditions for both normal and reduced illumination: …."

B. JUSTIFICATION

The proposal is intended to cover headlamps having a system for automatic reduction of illumination under the conditions set out in a parallel proposal for amendments to Regulation No. 48, with the objective of saving energy.