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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

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

Working Party on Lighting and Light-Signalling (GRE)  
(Fifty-fourth session, 5–8 April 2005,  
agenda item 20.1.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 45  
(Headlamp cleaners)

Transmitted by the expert from the Working Party "Brussels 1952" (GTB)

Note: The text reproduced below was prepared by the expert from GTB and identifies the amendments required to Regulation No. 45 in order to insert the worldwide harmonized passing beam. The amendments 1, 2, 3 and Corrigendum 1 to Revision 1 of Regulation No. 45 have been considered during the compilation of this proposal. The modifications to the current text of the Regulation are marked in **bold** characters.

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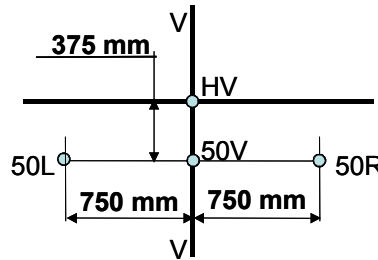
Note: This document is distributed to the Experts on Lighting and Light-Signalling only.

**A. PROPOSAL**

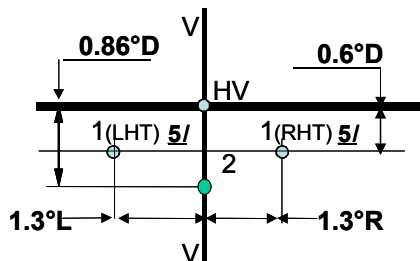
Paragraph 7.1., the diagram of measuring points on a screen, replace the existing diagram by:

"

For headlamps relevant to ECE Regulation No. 98 Class D or to ECE Regulation No. 112 Class A and B



For headlamps relevant to ECE Regulation No. 112 Class C or to ECE Regulation No. 98 Class E



"

Paragraphs 7.3.1. and 7.3.2., amend to read:

- "7.3.1. for headlamps approved in respect of the passing beam only, the measuring points are shown on the sketches in paragraph 7.2. 5/
- 7.3.2. for headlamps approved in respect of the passing beam and the driving beam, the measuring points are shown on the sketches in paragraph 7.2. (the points 50/V and No. 2 are measured if in the same headlamps, different optic systems for the driving lamp and the passing lamp are provided)."

Footnote 5/, amend to read:

"5/ R refers to right-hand traffic (RHT).  
L refers to left-hand traffic (LHT)."

\* \* \*

**B. JUSTIFICATION**

With the introduction of the harmonized passing beam into UNECE Regulations Nos. 98 and 112 the positions of the photometric test points will change. This proposed amendment aligns the text of UNECE Regulation No. 45 to take account of the alternative test point positions in the case that a headlamp is producing the harmonized beam.

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