

25 September 2008

**Proposed amendments to ECE/TRANS/WP.29/GRE/2008/38
(Regulations 98, 112 and 123)**

The modifications to ECE/TRANS/WP.29/GRE/2008/38 are marked in bold characters.

A. PROPOSAL

REGULATION No. 98 (Headlamps with gas-discharge light sources) (The following text is based upon Supplement 10 to the Regulation)

Paragraphs 5.4.1 amend to read:

- "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 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. Such measures may be:
- (a) occulting a part of the outer headlamp lens area;
 - (b) downward **adjustment movement** of the beam. **In this case, the adjustment movement shall be at least 0.3 degree vertically.** Horizontal **adjustment movement** is allowed;
 - (c) any other measure to remove the asymmetrical part of the beam."

REGULATION No. 112 (Headlamps emitting an asymmetrical passing beam) (The following text is based upon Supplement 9 to the Regulation)

Paragraphs 5.8.1., amend to read:

- "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 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. Such measures may be:
- (a) occulting a part of the outer headlamp lens area;
 - (b) downward **adjustment movement** of the beam. **In this case, the adjustment movement shall be at least 0.3 degree vertically.** Horizontal **adjustment movement** is allowed;
 - (c) any other measure to remove the asymmetrical part of the beam."

B. JUSTIFICATION

The proposal in ECE/TRANS/WP.29/GRE/2008/38, paragraphs 5.4.1 and 5.8.1, includes a requirement for a minimum movement of the beam in the case where the measure described in subparagraph (b) is chosen. As the paragraphs 5.4.2 and 5.8.2, respectively, already specify performance requirements for the beam adapted to the different traffic condition, the CLEPA experts consider that a requirement for the minimum downward movement is superfluous. Additionally, the requirement for the minimum downward movement may result in a reduction in the potential visibility that could be achieved from a well designed passing beam operating in "traffic change mode".

With regard to the similar provisions in regulation 123, there is no requirement relating to the minimum downward movement so this proposal will further align the requirements of regulations 98, 112 and 123.
