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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

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

DRAFT SUPPLEMENT 2 TO REGULATION No. 112

(Headlamps emitting an asymmetrical passing beam)

Note: The text reproduced below was adopted by the Administrative Committee (AC.1) of the amended 1958 Agreement at its twentieth session, following the recommendation by WP.29 at its one-hundred-and-twenty-sixth session. It is based on document TRANS/WP.29/2002/13, as corrected (TRANS/WP.29/841, para. 153).

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Insert a new paragraph 1.5., to read:

"1.5. The definitions given in Regulation No. 48 and its series of amendments in force at the time of application for type approval shall apply to this Regulation."

Paragraph 2.2.2., amend to read:

"2.2.2. a brief technical description including, in the case where headlamps are used to produce bend lighting, the extreme positions according to paragraph 6.2.9. below;"

Paragraph 5.9., amend to read:

"5.9. On headlamps designed to provide alternately a driving beam and a passing beam, or a passing beam and/or a driving beam designed to become bend lighting, any mechanical, electromechanical or other device incorporated in the headlamp for these purposes shall be so constructed that:"

Paragraph 5.9.2., amend to read:

"5.9.2. in the case of failure the illumination above the line H-H shall not exceed the values of a passing beam according to paragraph 6.2.5.; in addition, on headlamps designed to provide a passing and/or a driving beam to become a bend lighting, a minimum illumination of at least 5 lux shall be fulfilled in test point 25 V (VV line, D 75 cm)."

Paragraph 6.1.1., amend to read:

"... emitting the driving beam. Bend lighting may be produced by activating one additional light source being part of the passing beam headlamp."

Paragraph 6.2.3., amend to read:

"... paragraphs 6.2.5. to 6.2.7. and 6.2.9. below; if it is intended to provide both ....."

Insert new paragraphs 6.2.9. to 6.2.9.3., to read:

"6.2.9. The requirements in paragraph 6.2.5. above shall also apply to headlamps designed to provide bend lighting.

If bend lighting is obtained by:

6.2.9.1. swivelling the passing beam or moving horizontally the kink of the elbow of the cut-off, the measurements shall be carried out after the complete headlamp assembly has been reaimed horizontally, e.g. by means of a goniometer;

- 6.2.9.2. moving one or more optical parts of the headlamp without moving horizontally the kink of the elbow of the cut-off, measurements shall be carried out with these parts being in their extreme operating position;
  - 6.2.9.3. means of one additional light source without moving horizontally the kink of the elbow of the cut-off, measurements shall be carried out with this light source activated."
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