

Distr.
GENERAL

TRANS/WP.29/GRE/2001/14
12 January 2001

Original: ENGLISH

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

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

Working Party on Lighting and Light-Signalling (GRE)
(Forty-sixth session, 27-30 March 2001,
agenda item 2.6.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. "00"

(Headlamps emitting an asymmetrical passing beam or a driving beam or both
and equipped with filament lamps - document TRANS/WP.29/773)

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 introduce into the Regulation provisions concerning bend lighting.

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

GE.01-20159

A. PROPOSAL

Add 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; in addition a minimum illumination of at least 5 lux shall be fulfilled in testpoint 25 V (VV-line, D 750mm)."

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"

Add new paragraphs 6.2.9. to 6.2.9.2., to read:

"6.2.9. In case of bend lighting where it is obtained by:

6.2.9.1 swivelling the passing beam headlamp, the illumination shall be measured additionally in the extreme swivel positions. After swivelling to the extreme position the headlamp has to be reaimed horizontally (for example by means of the goniometer). In this position the requirements of paragraph 6.2.5. Class B shall be fulfilled except the illumination in point HV and in Zone III, which are replaced by line U 250mm/VV to L 3290mm (R 3290mm for left-hand

traffic), where a maximum illumination of 1 lux shall not be exceeded.

- 6.2.9.2 moving one or more optical part(s) of the headlamp or where it is obtained by means of one additional light source, the requirements of paragraph 6.2.5. Class B shall be fulfilled, except the illumination in point HV and Zone III which are replaced by line U 250mm/VV to L 3290mm (R 3290mm for left-hand traffic), where a maximum illumination of 1 lux shall not be exceeded when the optical parts are in their extreme positions or when the additional light source is switched on."

* * *

B. JUSTIFICATION

The proposal is based on the results of the discussions at the forty-fourth (see TRANS/WP.29/GRE/44, paras. 67-70) and forty-fifth (see TRANS/WP.29/GRE/45, paras. 20-26) sessions of GRE. It incorporates the proposals advanced during these discussions in the form of amendments to the applicable ECE Regulations. This applies in particular to provisions covering the case of failure and the limit conditions for bend lighting.
