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INLAND TRANSPORT COMMITTEE

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

Working Party on Lighting and Light-Signalling (GRE)
(Forty-ninth session, 30 September - 4 October 2002,
agenda items 2.6. and 2.7.)

PROPOSAL FOR DRAFT AMENDMENTS:

TO REGULATION No. 98
(Headlamps with gas-discharge light sources)

and

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 is based on the original proposal by GTB (document TRANS/WP.29/GRE/2001/13/Rev.1). It was prepared by the expert from GTB as a separate document, at request of GRE at its forty-eighth session (TRANS/WP.29/GRE/48, paras. 15 and 16).

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

A. PROPOSAL

REGULATIONS NOS. 98 AND 112

Annex 4,

Paragraph 1.1.1.1., add a new subparagraph (d) to read:

- "(d) In the case of a passing beam designed to provide bend lighting with the addition of a light source, this light source shall be switched on for 1 minute, and switched off for 9 minutes during the activation of the passing beam only."

* * *

B. JUSTIFICATION

Industry requested the Working Group Photometry to clarify the situation for the test procedure on behalf "TEST FOR STABILITY OF PHOTOMETRIC PERFORMANCE" in case of bend lighting function. Because the bend lighting function is in case of an additional light source only active for a short time period, industry sees a need to modify the test procedure (see overview of operational periods in annex).

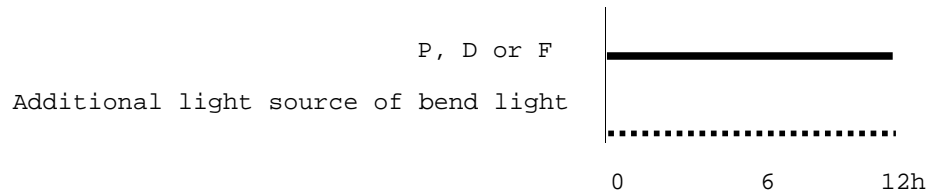
Annex

OVERVIEW OF OPERATIONAL PERIODS
CONCERNING TEST FOR STABILITY OF PHOTOMETRIC PERFORMANCE

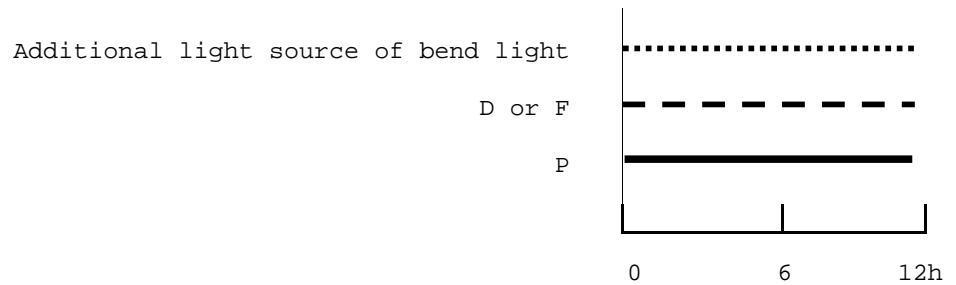
Abbreviations: P: passing beam lamp
D: driving beam lamp (D₁ + D₂ means two driving beams)
F: front fog lamp
- - - - : means a cycle of 15 minutes off and 1 minutes lit.
..... : means a cycle of 9 minutes off and 1 minutes lit

All following grouped headlamps and front fog lamps together with the added marking symbols are given as examples and are not exhaustive.

1. P or D or F (HC or HR or B)



2. P+F (HC B) or P+D (HCR)



3. P+F (HC B/) or HC/B or P+D (HC/R)

