



**Economic and Social
Council**

Distr.
GENERAL

ECE/TRANS/WP.29/GRE/2007/44
18 July 2007

Original: ENGLISH
ENGLISH AND FRENCH ONLY

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Fifty-eighth session

Geneva, 1-5 October 2007

Item 12 of the provisional agenda

REGULATION No. 98

Proposal for draft Supplement 10 to Regulation No. 98
(Headlamps with gas-discharge light sources)

Submitted by the expert from the Working Party "Brussels 1952"

The text reproduced below was prepared by the expert from the Working Party "Brussels 1952" (GTB) in order to clarify and update the provisions regarding the marking and testing of the stability of photometric performance of headlamps approved under Regulation No. 98. It is based on draft Supplement 9 to the Regulation No. 98, as agreed at the fifty-seventh GRE session (ECE/TRANS/WP.20/GRE/57, paras. 50, 52, 54, 61 and 68). The modifications to the text of the Regulation including draft Supplement 9 are marked in **bold** characters.

A. PROPOSAL

Insert a new paragraph 4.2.3.2., to read:

"4.2.3.2. The requirement in paragraph 4.3.2.1. above shall not apply to headlamps meeting the requirements of this Regulation which are so designed that the passing beam and the driving beam are provided by the same gas-discharge light source."

Annex 4

Paragraph 1.1.1.1., item (b), add a sentence at the end to read:

"(b)
5 minutes, all functions lit;

In the case of a passing beam and a driving beam provided by the same gas-discharge light source, the cycle will be:

**15 minutes, passing beam lit
5 minutes, all driving beam contributors lit**

(c)"

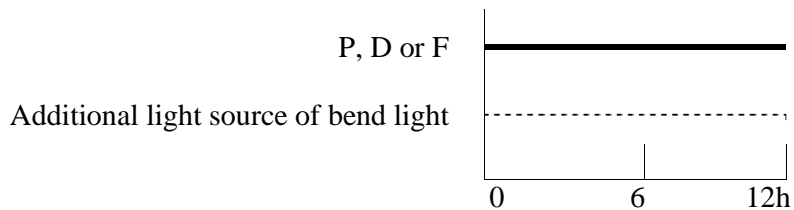
Annex 4 – Appendix, amend to read:

"....

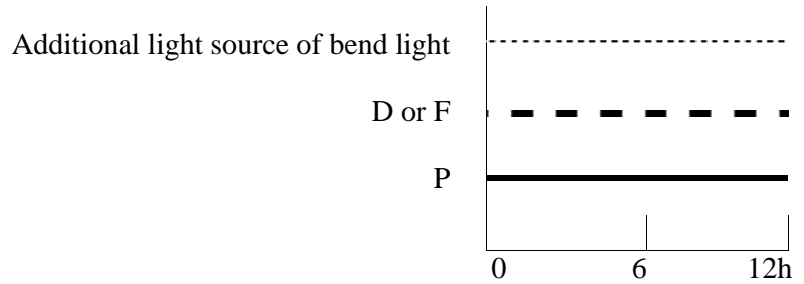
Abbreviations:	P:	passing beam lamp
	D:	driving beam lamp (D ₁ + D ₂ means two driving beams)
	F:	front fog lamp
	— — — —	means a cycle of 15 minutes off and 5 minutes lit.
	means a cycle of 9 minutes off and 1 minutes lit
	— . — . .	means a cycle of 15 minutes lit and 5 minutes off

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

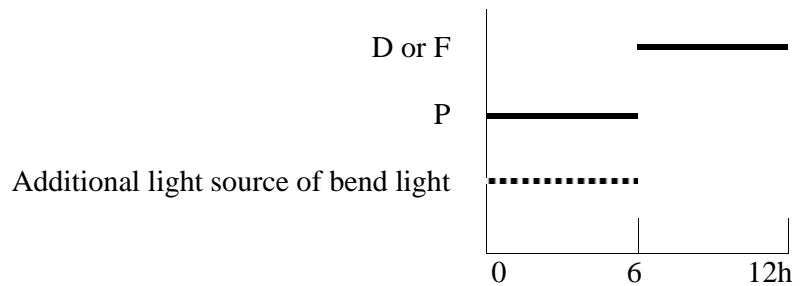
1. P or D or F (HC or HR or B)



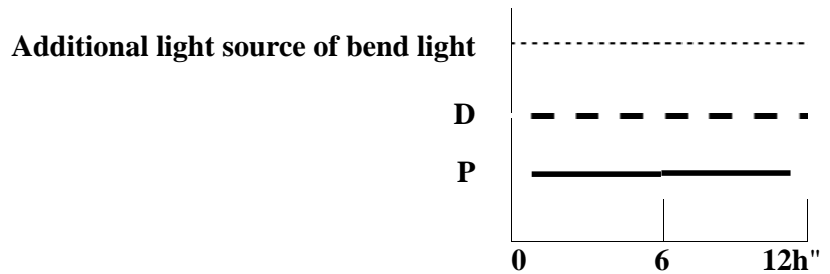
2. P+F (HC B) or P+D (HCR)



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



4. P+D (DCR) with the same light source



B. JUSTIFICATION

The proposal is intended to address the case of headlamps equipped with gas-discharge light sources where both, the passing beam and the driving beam, are produced by the same light source.

It has been found that the existing text of the Regulation does not sufficiently cover this design with regard to marking and in particular with regard to the test for stability of photometric performance. The proposed amendments should ensure a uniform application by all Technical Services and Contracting Parties.
