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Working Party on Lighting and Light-Signalling (GRE)

(Fifty-fourth session, 5–8 April 2005,
agenda item 18.3.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 37

(Filament lamps)

Transmitted by the experts from France and
the Working Party "Brussels 1952" (GTB)

Note: The text reproduced below was prepared by the experts from France and GTB in order to clarify their position with regard to the category of filament lamp to be used in front fog lamps. This proposal is based on a document without a symbol (informal document No. GRE-53-9), distributed during the fifty-third GRE session (TRANS/WP.29/GRE/53, para. 32). It is superseding document TRANS/WP.29/GRE/2004/47, and is a complement to TRANS/WP.29/GRE/2004/19/Rev.1.

The modifications to the existing text of the Regulation are marked in **bold** characters.

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

* The present document cancels and supersedes TRANS/WP.29/GRE/2005/3 of 10 January 2005.

A. PROPOSALAnnex 1,

The list of categories of filament lamps and their sheets, amend to read:

"....	Category	Sheet number(s)
.... H9	<u>***/</u>	H9/1 to 4
H9B	<u>***/</u>	H9/1 to 4
... HIR1	<u>***/</u>	HIR1/1 to 3
... S3		S3/1
only for signalling lamps:	<u>****/</u>	
... H21W	<u>****/</u>	H21W/1 to 2
... P24W	<u>****/</u>	P24W/1 to 3
... PS24W	<u>****/</u>	... PS24W/1 to 3
....."		

Insert new footnotes ***/ and ****/, to read:

****/ **Not for use in front fog lamps marked "B" as defined in Regulation No. 19.**
****/ **Categories with a reference to this footnote ****/ may also be used in front fog lamps marked "B" as defined in Regulation No. 19."**

Sheet H21W/1, the table, standard filament lamps, the reference luminous flux, amend to read (adding a value for the flux at approximately 12 V):

"....

Reference luminous flux at approximately	12 V	415 lm
	13.5 V	600 lm

"

Sheet H27W/2, the table, standard filament lamps, the reference luminous flux, amend to read (adding a value for the flux at approximately 12 V):

"....

Reference luminous flux: lm at approximately	12 V	350
	13.5 V	477

"

Sheet P24W/2, the table, filament lamps of normal production, objective values, luminous flux, P24W and PS24W, amend the figure "500 +10/-20 %" to read "500 +10/-15 %"

Sheet P24W/2 the table, standard filament lamps, the reference luminous flux, amend to read (adding a value for the flux at approximately 12V):

"

Reference luminous flux at approximately	12V	White: 345 lm
	13.5 V	White: 500 lm Amber: 300 lm Red: 115 lm

"

Sheet P24W/3, the table, amend to read:

"

	a1	a2	b1, b2	c1	c2
Filament lamps of normal production	1.9	1.9	0.5	5.2	3.8
Standard filament lamps	1.5	1.5	0.25	4.7	3.8

"

* * *

B. JUSTIFICATION

"During the fifty-second GRE session, it was decided to revise TRANS/WP.29/GRE/2004/19, in order to allow a front fog lamp with non-removable filament lamp according to Regulation No. 37, using the wording of Regulation No. 112. This has been done with the proposal TRANS/WP.29/GRE/2004/19/Rev.1. Moreover, the applicable list of light source categories was removed and replaced by a reference to Regulation No. 37.

In addition, France proposes to modify Regulation No. 37 in order to allow or to forbid some categories of filament lamps for the existing Regulation No. 19.

Categories H9, H9B and HIR1 are proposed to be excluded from front fog lamps as having a luminous flux of above 2000 lm while current Regulation No. 19 does not require a cleaning device. Categories proposed to be allowed for front fog lamps are H21W, and P(S)24W with improved tolerances. Studies have shown that these light source categories as proposed can be used for front fog lamps as specified by current Regulation No. 19. Besides, in comparison with existing light sources, P(S)24W show better behaviour against vibration, decrease of heat generation and increase of lifetime of the light source, while category H21W has a higher luminous flux than categories P(S)24W.

For the reason of deletion of the list of applicable light sources and their luminous flux at approximately 12V from Regulation No. 19, this luminous flux needs to be added as a reference luminous flux to the sheets for some categories in Regulation No. 37.

This proposal was revised based on TRANS/WP.29/GRE/2004/47 and comments from GTB and its WG Light Sources."
