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### Economic Commission for Europe

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Working Party on Lighting and Light-Signalling

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Item 3 of the provisional agenda

UN Regulation No. 37 (Filament lamps)

### Proposal for Supplement 40 to the 03 series of amendments

Submitted by the experts 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 phase out some light source categories from Regulation No. 37. It is based on the current text of the Regulation. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

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\* In accordance with the programme of work of the Inland Transport Committee for 2006–2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

## I. Proposal

Paragraphs 8.3. and 8.4., amend to read:

- "8.3. **As from the period after the entry into force of the Supplements to the 03 series of amendments, as indicated for each category in the table for group 3 in annex 1, no filament lamps of these categories or of the types within these categories shall be used in lamps submitted for type approval.**
- 8.4. **However, for the period after entry into force of the Supplements to the 03 series of amendments, as indicated in the table for group 3 in annex 1, Contracting Parties applying this Regulation may continue to grant approvals for lamps in which filament lamps of these categories or of the types within these categories are used, provided that these lamps are intended as replacement parts for installation on vehicles in use."**

*Annex 1, the list of categories of filament lamps and their sheets, amend to read:*

"....

Group 1

Without general restrictions:

<u>Category</u>		<u>Sheet number(s)</u>
H1	* <sup>6</sup>	H1/1 to 3
H3	* <sup>6</sup>	H3/1 to 4
H4		H4/1 to 5
H7		H7/1 to 4
H8		H8/1 to 4
H8B		H8/1 to 4
H9	* <sup>3</sup>	H9/1 to 4
H9B	* <sup>3</sup>	H9/1 to 4
H10		H10/1 to 3
H11		H11/1 to 4
H11B		H11/1 to 4
H13		H13/1 to 4
H15		H15/1 to 5
H16		H16/1 to 4
H16B		H16/1 to 4
H17		H17/1 to 6
H21W	* <sup>2</sup>	H21W/1 to 2
H27W/1		H27W/1 to 3
H27W/2		H27W/1 to 3
HB3		HB3/1 to 4
HB4		HB4/1 to 4
HIR2		HIR2/1 to 3
HS1	* <sup>6</sup>	HS1/1 to 5
HS2	* <sup>6</sup>	HS2/1 to 3
HS5		HS5/1 to 4
HS5A	* <sup>5</sup>	HS5A/1 to 3
PSX24W	* <sup>2</sup>	P24W/1 to 3

PSX26W	*2	PSX26W1 to 3
PX24W	*2	P24W/1 to 3
S2	*6	S1/S2/1 to 2

## Group 2

Only for use in signalling lamps, cornering lamps, reversing lamps and rear registration plate lamps:

<u>Category</u>		<u>Sheet number(s)</u>
C5W	*6	C5W/1
H6W		H6W/1
H10W/1		H10W/1 to 2
HY6W		H6W/1
HY10W		H10W/1 to 2
HY21W		H21W/1 to 2
P13W		P13W/1 to 3
P21W	*6	P21W/1 to 2
P21/4W		P21/4W/1 (P21/5W/2 to 3)
P21/5W	*6	P21/5W/1 to 3
P24W		P24W/1 to 3
P27W		P27W/1 to 2
P27/7W		P27/7W/1 to 3
PR21W		PR21W/1 (P21W/2)
PR21/5W		PR21/5W/1 (P21/5W/2 to 3)
PS19W		P19W/1 to 3
PS24W		P24W/1 to 3
PSY19W		P19W/1 to 3
PSY24W		P24W/1 to 3
PW13W		P13W/1 to 3
PW16W		PC16W/1 to 3
PWR16W		PC16W/1 to 3
PWY16W		PC16W/1 to 3
PW19W		P19W/1 to 3
PWR19W		P19W/1 to 3
PWY19W		P19W/1 to 3
PW24W		P24W/1 to 3
PWR24W		P24W/1 to 3
PWY24W		P24W/1 to 3
PY21W		PY21W/1 (P21W/2)
PY24W		P24W/1 to 3
PY27/7W		PY27/7W/1 (P27/7W/2 to 3)
R5W	*6	R5W/1
R10W	*6	R10W/1
RR5W	*6	R5W/1
RR10W	*6	R10W/1
RY10W	*6	R10W/1
T4W	*6	T4W/1
W2.3W		W2.3W/1
W3W	*6	W3W/1
W5W	*6	W5W/1
W10W	*6	W10W/1
W15/5W		W15/5W/1 to 3

<i>Category</i>	<i>Sheet number(s)</i>
W16W	W16W/1
W21W	W21W/1 to 2
W21/5W	W21/5W/1 to 3
WP21W	WP21W/1 to 2
WPY21W	WP21W/1 to 2
WR5W	W5W/1
WR21/5W	WR21/5W/1 (W21/5W/2 to 3)
WY5W	W5W/1
WY10W	W10W/1
WY16W	W16W/1
WY21W	WY21W/1 to 2

## Group 3

For replacement purposes only (see transitional provisions of paragraphs 8.3. and 8.4.):

<i>Category</i>	<i>Sheet number(s)</i>	<i>As specified by transitional provisions in paragraph 8.3</i>		<i>As specified by transitional provisions in paragraph 8.4</i>	
		<i>Supplement</i>	<i>Period</i>	<i>Supplement</i>	<i>Period</i>
C5W	*7, *8 C5W/1	38	12 months	38	unlimited
C21W	*8 C21W/1 to 2	28	12 months	28	unlimited
H1	*7 H1/1 to 3	38	12 months	38	unlimited
H3	*7 H3/1 to 4	38	12 months	38	unlimited
<b>H12</b>	<b>H12/1 to 3</b>	<b>40</b>	<b>24 months</b>	<b>40</b>	<b>unlimited</b>
<b>H13A</b>	<b>H13/1 to 4</b>	<b>40</b>	<b>24 months</b>	<b>40</b>	<b>unlimited</b>
H14	H14/1 to 4	38	12 months	38	unlimited
<b>HB3A</b>	<b>HB3/1 to 4</b>	<b>40</b>	<b>60 months</b>	<b>40</b>	<b>unlimited</b>
<b>HB4A</b>	<b>HB4/1 to 4</b>	<b>40</b>	<b>60 months</b>	<b>40</b>	<b>unlimited</b>
<b>HIR1</b>	*3 <b>HIR1/1 to 3</b>	<b>40</b>	<b>24 months</b>	<b>40</b>	<b>unlimited</b>
HS1	*7 HS1/1 to 5	38	12 months	38	unlimited
HS2	*7 HS2/1 to 3	38	12 months	38	unlimited
<b>HS6</b>	*4 <b>HS6/1 to 4</b>	<b>40</b>	<b>60 months</b>	<b>40</b>	<b>unlimited</b>
P19W	*8 P19W/1 to 3	37	60 months	37	unlimited
P21W	*7, *8 P21W/1 to 2	38	12 months	38	unlimited
P21/5W	*7, *8 P21/5W/1 to 3	38	12 months	38	unlimited
PC16W	*8 PC16W/1 to 3	37	60 months	37	unlimited
PCR16W	*8 PC16W/1 to 3	37	12 months	37	unlimited
PCY16W	*8 PC16W/1 to 3	37	60 months	37	unlimited
PR19W	*8 P19W/1 to 3	37	12 months	37	unlimited
<b>PR21/4W</b>	*8 <b>PR21/4W/1 ;</b> <b>(P21/5W/2 to 3)</b>	<b>40</b>	<b>24 months</b>	<b>40</b>	<b>unlimited</b>
PR24W	*8 P24W/1 to 3	37	12 months	37	unlimited
<b>PR27/7W</b>	*8 <b>PR27/7W/1 ;</b> <b>(P27/7W/2 to 3)</b>	<b>40</b>	<b>24 months</b>	<b>40</b>	<b>unlimited</b>

PSR19W	* <sup>8</sup>	P19W/1 to 3	37	12 months	37	unlimited
PSR24W	* <sup>8</sup>	P24W/1 to 3	37	12 months	37	unlimited
PY19W	* <sup>8</sup>	P19W/1 to 3	37	60 months	37	unlimited
R2		R2/1 to 3	28	12 months	28	unlimited
R5W	* <sup>7</sup> , * <sup>8</sup>	R5W/1	38	12 months	38	unlimited
R10W	* <sup>7</sup> , * <sup>8</sup>	R10W/1	38	12 months	38	unlimited
RR5W	* <sup>7</sup> , * <sup>8</sup>	R5W/1	38	12 months	38	unlimited
RR10W	* <sup>7</sup> , * <sup>8</sup>	R10W/1	38	12 months	38	unlimited
RY10W	* <sup>7</sup> , * <sup>8</sup>	R10W/1	38	12 months	38	unlimited
S1		S1/S2/1 to 2	28	12 months	28	unlimited
S2	* <sup>7</sup>	S1/S2/1 to 2	38	12 months	38	unlimited
S3		S3/1	38	12 months	38	unlimited
<b>T1.4W</b>	* <sup>8</sup>	<b>T1.4W/1</b>	<b>40</b>	<b>24 months</b>	<b>40</b>	<b>unlimited</b>
T4W	* <sup>7</sup> , * <sup>8</sup>	T4W/1	38	12 months	38	unlimited
W3W	* <sup>7</sup> , * <sup>8</sup>	W3W/1	38	12 months	38	unlimited
W5W	* <sup>7</sup> , * <sup>8</sup>	W5W/1	38	12 months	38	unlimited
W10W	* <sup>7</sup> , * <sup>8</sup>	W10W/1	38	12 months	38	unlimited
<b>WY2.3W</b>		<b>WY2.3W/1</b>	<b>40</b>	<b>24 months</b>	<b>40</b>	<b>unlimited</b>
WY10W	* <sup>7</sup> , * <sup>8</sup>	W10W/1	38	12 months	38	unlimited

\* Tables, Electrical and Photometric characteristics:

Voltage is expressed in V;

Wattage is expressed in W;

Luminous flux is expressed in lm.

In case a category of filament lamp has more than one value of reference luminous flux specified, the value of approximately 12 V for approval of a lighting device and 13.5 V for approval of a light-signalling device shall be applied unless otherwise specified by the regulation used for the approval of the device.

\*<sup>2</sup> Not for use in passing beam headlamps.

\*<sup>3</sup> Not for use in front fog lamps marked "B" as defined in Regulation No. 19.

\*<sup>4</sup> Not for use in Regulation No. 112 headlamps.

\*<sup>5</sup> Not for use in headlamps other than Regulation No. 113 class C headlamps.

\*<sup>6</sup> All types except from 6 V type.

\*<sup>7</sup> 6 V types only.

\*<sup>8</sup> Only for use in signalling lamps, cornering lamps, reversing lamps and rear registration plate lamps.

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## **II. Justification**

1. With the introduction of new light source categories, GTB regularly evaluates which light source categories could be phased out based upon technological progress and our evaluation of the need to keep these categories within the regulation. This is such a proposal.
  2. The proposal is not aimed at completely deleting categories of light sources from Regulation No. 37, but at moving some categories or types of categories from group 1 and group 2 to group 3 of Annex 1. In this way, these categories of light sources can still be approved and used as replacement parts. However, they can no longer be used for type approval of new lamps, unless these lamps are intended as replacement parts for vehicles already in use.
  3. When paragraphs 8.3 and 8.4 were amended by document WP.29/2011/97 (GRE-65-05) such that the referenced categories were no longer listed below these paragraphs, but in the table of group 3, an editorial error was made, since in each of these paragraphs one of the references to these lists was not changed. This is a proposal for correction and editorial improvement.
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