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Working Party on Lighting and Light-Signalling

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Item 3 of the provisional agenda

Regulation No. 37 (Filament lamps)

Proposal for Supplement 38 to the 03 series of amendments

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 phase out some light source categories from Regulation No. 37. The modifications to the existing text of Regulation No. 37, including draft Supplement 37 to the 03 series of amendments (ECE/TRANS/WP.29/2011/10), are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106, ECE/TRANS/2010/8, 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.

Paragraphs 8.3. and 8.4., amend to read:

"8.3. No filament lamps ... the table below:

<i>Category</i>	<i>Types</i>	<i>Supplement</i>	<i>Period</i>
C5W	6V	38	12 months
C21W	all	28	12 months
H1	6 V	38	12 months
H3	6 V	38	12 months
H14	all	38	12 months
HS1	6 V	38	12 months
HS2	6 V	38	12 months
P19W	all	37	60 months
P21W	6 V	38	12 months
P21/5W	6 V	38	12 months
PC16W	all	37	60 months
PCR16W	all	37	12 months
PCY16W	all	37	60 months
PR19W	all	37	12 months
PR24W	all	37	12 months
PSR19W	all	37	12 months
PSR24W	all	37	12 months
PY19W	all	37	60 months
R2	all	28	12 months
R5W	6 V	38	12 months
R10W	6 V	38	12 months
RR5W	6 V	38	12 months
RR10W	6 V	38	12 months
RY10W	6 V	38	12 months
S1	all	28	12 months
S2	all	38	12 months
S3	all	38	12 months
T4W	6 V	38	12 months
W3W	6 V	38	12 months
W5W	6 V	38	12 months
W10W	6 V	38	12 months
WY10W	6 V	38	12 months

8.4. However, Contracting Parties ... as indicated below:

<i>Category</i>	<i>Types</i>	<i>Supplement</i>	<i>Period</i>
C5W	6V	38	unlimited
C21W	all	28	unlimited
H1	6 V	38	unlimited
H3	6 V	38	unlimited
H14	all	38	unlimited
HS1	6 V	38	unlimited
HS2	6 V	38	unlimited
P19W	all	37	unlimited
P21W	6 V	38	unlimited
P21/5W	6 V	38	unlimited
PC16W	all	37	unlimited
PCR16W	all	37	unlimited
PCY16W	all	37	unlimited
PR19W	all	37	unlimited
PR24W	all	37	unlimited
PSR19W	all	37	unlimited
PSR24W	all	37	unlimited
PY19W	all	37	unlimited
R2	all	28	unlimited
R5W	6 V	38	unlimited
R10W	6 V	38	unlimited
RR5W	6 V	38	unlimited
RR10W	6 V	38	unlimited
RY10W	6 V	38	unlimited
S1	all	28	unlimited
S2	all	38	unlimited
S3	all	38	unlimited
T4W	6 V	38	unlimited
W3W	6 V	38	unlimited
W5W	6 V	38	unlimited
W10W	6 V	38	unlimited
WY10W	6 V	38	unlimited

"

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	*6	H1/1 to 3
H3	*6	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	*3	H9/1 to 4
H9B	*3	H9/1 to 4
H10		H10/1 to 3
H11		H11/1 to 4
H11B		H11/1 to 4
H12		H12/1 to 3
H13		H13/1 to 4
H13A		H13/1 to 4
H15		H15/1 to 5
H16		H16/1 to 4
H16B		H16/1 to 4
H21W	*2	H21W/1 to 2
H27W/1		H27W/1 to 3
H27W/2		H27W/1 to 3
HB3		HB3/1 to 4
HB3A		HB3/1 to 4
HB4		HB4/1 to 4
HB4A		HB4/1 to 4
HIR1	*3	HIR1/1 to 3
HIR2		HIR2/1 to 3
HS1	*6	HS1/1 to 5
HS2	*6	HS2/1 to 3
HS5		HS5/1 to 4
HS5A	*5	HS5A/1 to 3
HS6	*4	HS6/1 to 4
PSX24W	*2	P24W/1 to 3
PSX26W	*2	PSX26W1 to 3
PX24W	*2	P24W/1 to 3

Group 2

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

<i>Category</i>		<i>Sheet number(s)</i>
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)
PR21/4W		PR21/4W/1 (P21/5W/2 to 3)
PR21/5W		PR21/5W/1 (P21/5W/2 to 3)
PR27/7W		PR27/7W/1 (P27/7W/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
T1.4W		T1.4W/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
W16W		W16W/1

<i>Category</i>	<i>Sheet number(s)</i>
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)
WY2.3W	WY2.3W/1
WY5W	W5W/1
WY10W *6	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>
C5W *7	C5W/1
C21W	C21W/1 to 2
H1 *7	H1/1 to 3
H3 *7	H3/1 to 4
H14	H14/1 to 4
HS1 *7	HS1/1 to 5
HS2 *7	HS2/1 to 3
P19W	P19W/1 to 3
P21W *7	P21W/1 to 2
P21/5W *7	P21/5W/1 to 3
PC16W	PC16W/1 to 3
PCR16W	PC16W/1 to 3
PCY16W	PC16W/1 to 3
PR19W	P19W/1 to 3
PR24W	P24W/1 to 3
PSR19W	P19W/1 to 3
PSR24W	P24W/1 to 3
PY19W	P19W/1 to 3
R2	R2/1 to 3
R5W *7	R5W/1
R10W *7	R10W/1
RR5W *7	R5W/1
RR10W *7	R10W/1
RY10W *7	R10W/1
S1	S1/S2/1 to 2
S2	S1/S2/1 to 2
S3	S3/1
T4W *7	T4W/1
W3W *7	W3W/1
W5W *7	W5W/1
W10W *7	W10W/1
WY10W *7	W10W/1

* Tables, Electrical and Photometric characteristics:

Voltage is expressed in V;

Wattage is expressed in W;

Luminous flux is expressed in lm.

In a case that for a category of filament lamp more than one value of reference luminous flux is specified, the value at 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.

*² Not for use in passing beam headlamps.

*³ Not for use in front fog lamps marked "B" as defined in Regulation No. 19.

*⁴ Not for use in Regulation No. 112 headlamps.

*⁵ Not for use in headlamps other than Regulation No. 113 class C headlamps

*⁶ **All types except from 6 V type**

*⁷ **6 V types only "**

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 in 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 in use.
