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**Economic Commission for Europe****Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****158<sup>th</sup> session**

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Item 4.7.9 of the provisional agenda

**1958 Agreement – Consideration of draft amendments  
to existing Regulations submitted by GRE****Proposal for Supplement 40 to the 03 series of amendments  
to Regulation No. 37 (Filament lamps)****Submitted by the Working Party on Lighting and Light-Signalling\***

The text reproduced below was adopted by the Working Party on Lighting and Light-Signalling (GRE) at its sixty-seventh session to phase out some light source categories from Regulation No. 37. It is based on ECE/TRANS/WP.29/GRE/2012/2, as amended by Annex V to the report (see ECE/TRANS/WP.29/GRE/67, para. 5). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration.

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\* 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.

Paragraph 3.6.3., amend to read:

"3.6.3. The colour of the light emitted shall be measured by the method specified in Annex 5. Each measured value shall lie within the required tolerance area<sup>1</sup>. Moreover, in the case of filament lamps emitting white light, the measured values shall not deviate more than 0.020 unit in the x and/or y direction from a point of choice on the Planckian locus (IEC Publication 15.2 Colorimetry, 1986). Filament lamps for use in light signalling devices shall meet the requirements as specified in paragraph 2.4.2. of IEC Publication 60809, Amendment 5 to Edition 2."

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:

<i>Category</i>		<i>Sheet number(s)</i>
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
H13		H13/1 to 4
H15		H15/1 to 5
H16		H16/1 to 4

<sup>1</sup> For Conformity of Production purposes of amber and red colour only, at least 80 per cent of the measuring results shall lie within the required tolerance area.

<i>Category</i>		<i>Sheet number(s)</i>
H16B		H16/1 to 4
H17		H17/1 to 6
H21W	*2	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	*6	HS1/1 to 5
HS2	*6	HS2/1 to 3
HS5		HS5/1 to 4
HS5A	*5	HS5A/1 to 3
PSX24W	*2	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:

<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)
PR21/5W		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

<i>Category</i>		<i>Sheet number(s)</i>	
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		R5W/1	
RR10W		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	
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	*6	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.):

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

		<i>As specified by transitional provisions in paragraph 8.3</i>		<i>As specified by transitional provisions in paragraph 8.4</i>	
T1.4W	*8	T1.4W/1	40	24 months	40 unlimited
T4W	*7, *8	T4W/1	38	12 months	38 unlimited
W3W	*7, *8	W3W/1	38	12 months	38 unlimited
W5W	*7, *8	W5W/1	38	12 months	38 unlimited
W10W	*7, *8	W10W/1	38	12 months	38 unlimited
WY2.3W		WY2.3W/1	40	24 months	40 unlimited
WY5W	*7	W5W/1	40	12 months	40 unlimited
WY2.3W		WY2.3W/1	40	24 months	40 unlimited
WY10W	*7, *8	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.

*Annex 1, sheet H17/2, the table, amend to read:*

"....

<i>p</i>	28.95	28.95
<i>α</i>	max. 40°	max. 40°

Cap PU43t-4 in accordance with IEC Publication 60061 (sheet 7004-171-1)

Electrical and photometric characteristics

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