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**Economic Commission for Europe****Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****155<sup>th</sup> session**

Geneva, 15–18 November 2011

Item 4.6.5 of the provisional agenda

**1958 Agreement – Consideration of draft amendments  
to existing Regulations submitted by GRE****Proposal for Supplement 8 to the 04 series of amendments to  
Regulation No. 48 (Installation of lighting and light-signalling  
devices)****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-fifth session to delete an old exemption in the Regulation that allows manual leveling for dipped-beam headlamps. It is based on ECE/TRANS/WP.29/GRE/2011/27, as amended by Annex IV to the report (ECE/TRANS/WP.29/GRE/65, para. 17). In addition the World Forum agreed to submit it as a Supplement instead of a new series of amendments (ECE/TRANS/WP.29/1091, para. 10). 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 and 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.

*List of Annexes,*

*Annex 8, shall be deleted.*

*Annexes 9 to 13, renumber as Annexes 8 to 12.*

*Paragraph 2.7.1., footnote\*, amend to read:*

" \* For clarification see Annex 9."

*Paragraph 6.2.6.2.2., shall be deleted*

*Paragraph 6.2.6.2.3., renumber as 6.2.6.2.2. and amend to read:*

"6.2.6.2.2. In the event of a failure of devices described in paragraph 6.2.6.2.1., the dipped-beam shall not assume a position on which the dip is less than it was at the time when the failure of the device occurred."

*Paragraph 6.2.9., amend to read:*

"6.2.9. *Other requirements*

The requirements of paragraph 5.5.2. shall not apply to dipped-beam headlamps.

Dipped-beam headlamps with a light source or LED module(s) producing the principal dipped beam and having a total objective luminous flux which exceeds 2,000 lumen shall only be installed in conjunction with the installation of headlamp cleaning device(s) according to Regulation No. 45.<sup>11</sup>

In the case of filament lamps for which more than one test voltage is specified, the objective luminous flux which produces the principal dipped beam, as indicated in the communication form for the type approval of the device, is applied.

In the case of dipped-beam headlamps equipped with an approved light source, the applicable objective luminous flux is the value at the relevant test voltage as given in the relevant data sheet in the Regulation, according to which the applied light source was approved, without taking into account the tolerances to the objective luminous flux specified on this datasheet.

Only dipped-beam headlamps according to Regulation Nos. 98 or 112 may be used to produce bend lighting.

If bend lighting is produced by a horizontal movement of the whole beam or the kink of the elbow of the cut-off, it shall be activated only if the vehicle is in forward motion; this shall not apply if bend lighting is produced for a right turn in right hand traffic (left turn in left hand traffic)."

*Paragraph 6.21.5.1., amend to read:*

"6.21.5.1. for rear conspicuity markings (see Annex 10, Figure 1a and 1b) the ..."

*Paragraph 6.21.5.2., amend to read:*

"6.21.5.2. for side conspicuity markings (see Annex 10, Figure 2) ..."

*Paragraph 8.2.2., amend to read:*

"8.2.2. ensure that ... in Annex 8 to ..."

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<sup>11</sup> Contracting Parties to the respective Regulations can still prohibit the use of mechanical cleaning systems when headlamps with plastic lenses, marked "PL", are installed.

*Insert new paragraphs 12.27. to 12.29., to read:*

- "12.27. As from 90 months after the official date of entry into force of the Supplement 8 to the 04 series of amendments, for all M and N vehicle categories, Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by the Supplement 8 to the 04 series of amendments.
- 12.28. Until 90 months after the official date of entry into force of the Supplement 8 to the 04 series of amendments, for all M and N vehicle categories, Contracting Parties applying this Regulation shall continue to grant approvals to those types of vehicles which comply with the requirements of this Regulation as amended by the preceding series of amendments.
- 12.29. Approvals granted under this Regulation, for all M and N vehicle categories, before 90 months after the official date of entry into force of Supplement 8 to the 04 series of amendments and all extensions of such approvals, including those to a preceding series of amendments to this Regulation granted subsequently, shall remain valid indefinitely. When the vehicle type approved to the preceding series of amendments meets the requirements of this Regulation as amended by the Supplement 8 to the 04 series of amendments, the Contracting Party which granted the approval shall notify the other Contracting Parties applying this Regulation thereof."

*Annex 6, paragraph 5.5., amend to read:*

- "5.5. Measurements  
The variation of ... with paragraph 5.2. above."

*Annex 8, shall be deleted.*

*Annexes 9 to 13 (former), renumber as Annexes 8 to 12.*

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