

**Economic and Social Council**Distr.: General
24 August 2012

Original: English

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

Geneva, 13-16 November 2012

Item 4.8.2 of the provisional agenda

**1958 Agreement – Consideration of draft amendments
to existing Regulations submitted by GRSG****Proposal for the 04 series of amendments to Regulation
No. 46 (Devices for indirect vision)****Submitted by the Working Party on General Safety Provisions***

The text reproduced below was adopted by the Working Party on General Safety Provisions (GRSG) at its 102nd session, proposing to reduce the blind spot on the passenger side of N₂ and N₃ vehicles (ECE/TRANS/WP.29/GRSG/81, para. 15). It is based on ECE/TRANS/WP.29/GRSG/2010/29/Rev.1, as reproduced in Annex III to the report. The secretariat has added the corresponding paragraphs for amending the marking provisions for a new series of amendments. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration.

* 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.

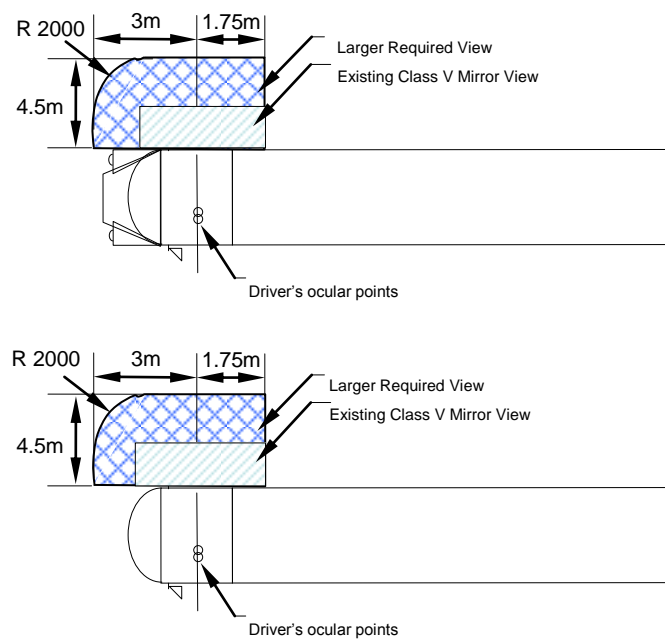
Paragraph 5.2., amend to read

- 5.2. An approval number shall be assigned to each type approved. Its first two digits (at present 04) shall indicate the series of amendments incorporating the most recent major technical amendments made to the Regulation at the time of issue of the approval. The same Contracting Party shall not assign the same number to another type of device for indirect vision.

Insert new paragraphs 15.2.4.5.6. to 15.2.4.5.13. (including new Figures 8c and 8d), to read:

- "15.2.4.5.6. On the passenger side only, the field of vision shall also be such that the driver can see a flat horizontal portion of the road along the side of the vehicle which is outside the field defined in paragraphs 15.2.4.5.1. to 15.2.4.5.4. but within the field bounded by the following vertical planes; the front of this field of vision may be rounded off with a radius of 2,000 mm (see Figures 8c and 8d):
- 15.2.4.5.7. In the transverse direction, the parallel plane passing at a distance of 4.5 m in front of the plane mentioned in paragraph 15.2.4.5.1.
- 15.2.4.5.8. To the rear, the plane parallel to the vertical plane passing through the driver's ocular points and situated at a distance of 1.75 m behind that plane.
- 15.2.4.5.9. To the front, the plane parallel to the vertical plane passing through the driver's ocular points and situated at a distance of 3 m in front of that plane. This field of vision may be partially provided by a front mirror (Class VI).
- 15.2.4.5.10. The field of vision prescribed in paragraphs 15.2.4.5.6. to 15.2.4.5.9. may be partially provided by a 'wide-angle' exterior mirror (Class IV) or a combination of a close-proximity exterior mirror (Class V) and a front mirror (Class VI).
- 15.2.4.5.11. The area prescribed in paragraphs 15.2.4.5.6. to 15.2.4.5.9. may be viewed using a combination of direct view and indirect vision devices.
- 15.2.4.5.12. Paragraphs 15.2.4.5.6. to 15.2.4.5.9. shall not apply to a vehicle where no part of the mirror, or its holder, is less than 2.4 m above the ground, regardless of its position after adjustment.
- 15.2.4.5.13. Paragraphs 15.2.4.5.6. to 15.2.4.5.9. shall not apply to a vehicle of category M₂ or M₃.

Figures 8c and 8d
Larger field of vision on the passenger side



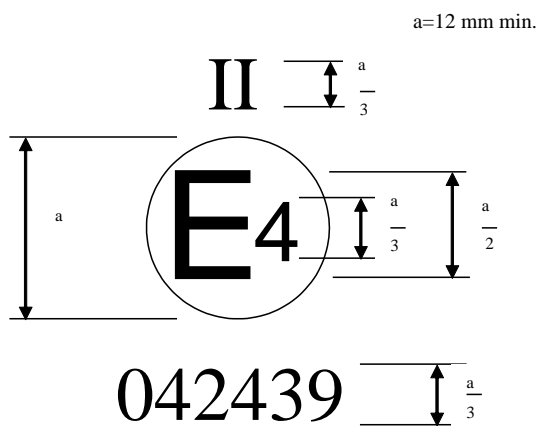
"

Add new paragraphs 21.12. to 21.15., to read:

- 21.12. As from the official date of entry into force of the 04 series of amendments to this Regulation, no Contracting Party applying this Regulation shall refuse an application for approval under this Regulation as amended by the 04 series of amendments.
- 21.13. As from 30 June 2014, Contracting Parties applying this Regulation shall grant approvals to a type of device for indirect vision only if the type of device meets the requirements of this Regulation as amended by the 04 series of amendments.
- 21.14. As from 30 June 2014, Contracting Parties applying this Regulation shall grant approvals to a type of vehicle with regard to the installation of devices for indirect vision only if the type of vehicle meets the requirements of this Regulation as amended by the 04 series of amendments.
- 21.15. As from 30 June 2015, Contracting Parties applying this Regulation shall not be obliged to accept approvals of a type of vehicle or type of device for indirect vision which have not been granted in accordance with the 04 series of amendments to this Regulation.

Annex 5, the figure and the caption under the figure, amend to read:

"



The above approval mark affixed to a device for indirect vision indicates that the mirror is a rear view mirror, of Class II, which has been approved in the Netherlands (E 4) pursuant to Regulation No. 46 and under approval number 042439. The first two digits of the approval number indicate that Regulation No. 46 already included the 04 series of amendments when the approval was granted.

..."
