

Amendment of document ECE/TRANS/WP.29/GRSG/2010/29/Rev.1

The text reproduced below was prepared by the expert from the United Kingdom of Great Britain and Northern Ireland (United Kingdom) to reduce the blind spot on the passenger side of N₂ and N₃ vehicles. This document revises ECE/TRANS/WP.29/GRSG/2010/29/Rev.1 submitted by the expert from the United Kingdom during the one hundredth session of the Working Party on General Safety Provisions (GRSG).

I. Proposal

Replace paragraph 15.2.4.5.7., 15.2.4.5.9. and 15.2.4.5.10. of ECE/TRANS/WP.29/GRSG/2010/29/Rev.1 with the following paragraphs to read:

- 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.**
- 15.2.4.5.9. 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.**
- 15.2.4.5.10. The field of vision prescribed in paragraphs 15.2.4.5.6. to 15.2.4.5.6.3. may be partially provided by a 'wide-angle' exterior mirror (Class IV).**

Renumber existing paragraph 15.2.4.5.10. as 15.2.4.5.11.

Insert a new paragraph 15.2.4.5.12. to read:

- 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.**

Replace paragraph 21.1. to 21.4. of ECE/TRANS/WP.29/GRSG/2010/29/Rev 1 with the following paragraphs to read:

- 21.1. As from the official date of entry into force of the 03 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 03 series of amendments.**

- 21.2. As from 31 December 2013 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 03 series of amendments.**
- 21.3. As from 31 December 2013 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 03 series of amendments.**
- 21.4. As from 30 April 2014 Contracting Parties applying this Regulation may refuse to recognize approvals of a type of vehicle or type of device for indirect vision which have not been granted in accordance with the 03 series of amendments to this Regulation.**

II. Justification

The research by Loughborough University for the United Kingdom Department for Transport has demonstrated the need for increased vision for drivers of N2 and N3 vehicles, and that it is possible to provide this with available devices for indirect vision.

A new paragraph has been inserted to permit the provision of the increased field of view using a combination of mirrors.

Further consideration has been given to vehicles where it is not possible to fit the Class V mirror above 2.4 m and these vehicles are excluded from the provisions of this proposal.

Recognising the concerns that have been expressed by industry on lead times the proposal has been further amended to insert a specific date which will enable industry to develop appropriate solutions.