

Status report of the UNECE GRSG Task Force on UN-R46

Boris von Lennep, Verband der TÜV e.V.

UNECE GRSG, October 2025

History:

- 126th session of UNECE GRSG (General Safety) in October 2023, Germany tabled on the behalf of the Task Force on UN-R46 two proposals to modify UN-R 46. GRSG adopted both proposals.
- Wp.29 in March 2024 voted for the proposals as Supplement 1 to the 05 series and a new 06 series of Amendments. GRSG decided that the Task Force “UN-R46” should proceed to discuss still open topics under discussion in further sessions of the TF.
- 127th session GRSG adopted a further document as Proposal for Supplement 1 to the 06 Series of Amendments UN Regulation No. 46 (Devices for indirect vision) now as working document on the agenda of WP.29 in November 2024 as ECE/TRANS/WP.29/2024/101. Also, after the 127th session, GRSG decided that the Task Force “UN-R46” should proceed to discuss still open topics under discussion in further sessions of the TF.
- Shortly before the 128th Session, it became clear that further discussions were required on several items of the already as working document uploaded proposal ECE-TRANS-WP.29-GRSG-2024-40 and the new informal document GRSG-128-06. As a consequence, the Task Force decided to postpone the discussion to the 129th of GRSG in April 2025.
- 129th session GRSG, the expert from Germany, Chair of TF on UN Regulation No. 46, introduced an addition proposal ECE/TRANS/WP.29/GRSG/2025/8 and amendment GRSG-129-44-Rev.1. GRSG adopted GRSG-129-44-Rev.1 superseding ECE/TRANS/WP.29/GRSG/2025/8, as reproduced by annex IV to the report. The secretariat was requested to submit the proposal as the draft 07 series of amendments to UN Regulation No. 46, for consideration and vote at the November 2025 sessions of WP.29 and AC.1.

Current status after 130th GRSG

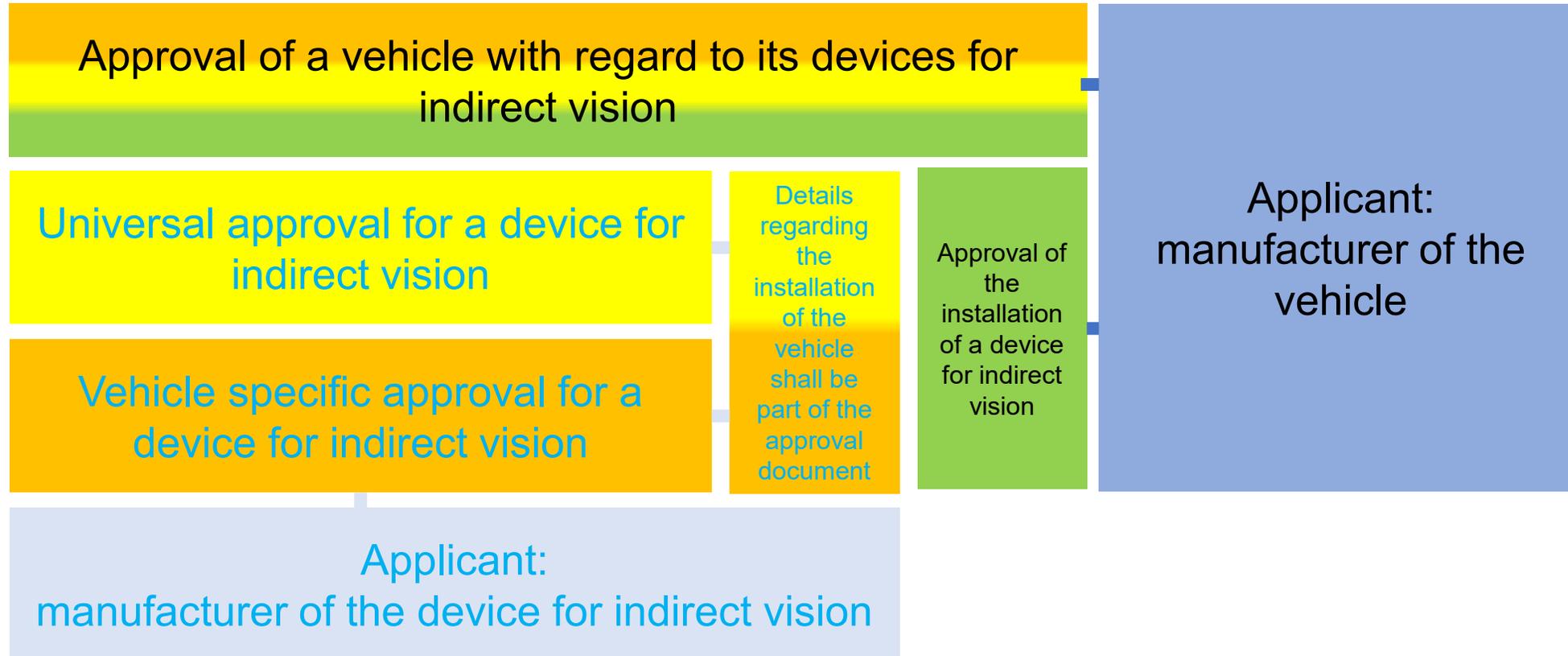
- 09th session of TF UN-R46 on 17th and 18th of June 2025 online and on-site at TÜV Rheinland in Cologne. During the meeting several the following topics could be dicussed but not finally concluded.
 - Allowed Obstruction of 10% (para. 15.2.4.9.)
 - further discussion necessary
 - Position of a class I device without reflecting surface (“bi-focal glasses”)
 - TF decided not to take this topic into account for the time being
 - Surveillance monitor in a position of a class I device
 - Discussion postponed
 - Adjustability of class V and VI mirrors
 - TF decided, requirements shall not be changed to avoid maladjustment
 - Restructuring of the Regulation (component / installation) + vehicle specific mirrors
 - TÜV Rheinland volunteered to prepare an overview of the relevant paragraphs to enable discussions at the next TF session
 - External original surface and position of the cylinder
 - Topic could be solved and will be part of the next the document to amend UN Regulation No. 46
 - Possible dimensional mismatch in Figure 1c
 - Topic could be solved and will be part of the next the document to amend UN Regulation No. 46

Current status after 130th GRSG

- 10th session of TF UN-R46 on 15th of September online
 - Allowed Obstruction of 10% (para. 15.2.4.9.)
 - further discussion necessary
 - Alignment of older series
 - further discussion during next TF meeting necessary
 - Error in Drawing of Class IV Field of View
 - original version can not be found, the first version available on the UN Wikipege (series 02) has already the failure in the drawing. Best option seems to be that the TF will prepare a new drawing
 - Figure 1c to be discussed again
 - Figure to be modified
 - Definition of “Protruding Supports”
 - Further discussion is needed.
 - Discussion focused on the topic „restructuring of the Regulation (component / installation) + vehicle specific mirrors”
 - On base of the homework, to prepare an overview of the relevant paragraphs done by TÜV Rheinland, a new proposal for a future structure of UN Regulation No. 46 was discussed (see next page)

New Structure UN-R 46

Orange = vehicle specific device for indirect vision
Yellow = device for indirect vision
Green = installation of a device for indirect vision



Current status after 130th GRSG

- 10th session of TF UN-R46 on 15th of September online (cont.)
 - The TF decided to have a further meeting after GRSG 130 to work on the text for the proposed new structure
 - Target is to finalize this work before GRSG in Spring 2026
 - For the 130th session of GRSG, the TF decided not to deliver a proposal to amend UN-R 46
 - Due to the retirement of the TF Leader from Germany, a new TF Leader from “Verband der TÜV e.V.”, Mr. Boris von Lennep (Lennepb@de.tuv.com) was elected.

Next meetings:

11th meeting 13th of November (10:00) to 14th of November (until 13:00) 2025, most likely at TÜV Rheinland (Cologne)

Thank you for your attention

Note to the UNECE Secretariat:

The author and the speaker of this presentation confirm that they have authorization to use all content including photos and visual elements.

The material is either copyright-free or the author/speaker hold the necessary copyright or permission.

The UNECE will remove any material from its events and supporting websites if there is unlawful use of copyrighted material.

The author/speaker takes responsibility for any infringement on copyright and holds the UNECE harmless to this effect.