

# Status Report IWG VRU-Proxi

**125<sup>th</sup> GRSG session**

Informal document *GRSG-125-xx*

*125<sup>th</sup> GRSG, 27 – 31 March 2023*

*Agenda item 4*

# Content / background

- Introducing new Chair from EC
- Previous decisions 124<sup>th</sup> GRSG / 188<sup>th</sup> WP.29
- Status of work done & ongoing

## VRU-Proxi meetings since last GRSG session:

- 25<sup>th</sup> session on 19<sup>th</sup> and 20<sup>th</sup> of October 2022
- 26<sup>th</sup> session on 7<sup>th</sup> and 8<sup>th</sup> of December 2022
- 27<sup>th</sup> session on 18<sup>th</sup> and 19<sup>th</sup> of January 2023
- 28<sup>th</sup> session on 14<sup>th</sup> of February 2023
- 29<sup>th</sup> session on 14<sup>th</sup> of March 2023

# Previous decisions 124<sup>th</sup> GRSG / 188<sup>th</sup> WP.29

- Regulation No. 158 (Reversing Motion)
  - GRSG recalled that it was agreed to submit a proposal (GRSG-123-31) to IWG VRU-Proxi, for a possible amendment of paragraph 16.1.3.1. which would amend draft Supplement 2 to the original version of UN Regulation No. 158, that had been submitted for consideration and vote at the November 2022 sessions of AC.1 and WP.29 (ECE/TRANS/WP.29/2022/123). GRSG expected to consider at its March 2023 session, a new proposal of amendments to paragraph 16.1.3.1., revised by IWG VRU-Proxi.
- Regulation No. [167] (Direct Vision)
  - The expert from Germany explained that the proposed Advanced Driver Assistance System (ADAS) emergency braking at low speed (Urban Emergency Braking System (UEBS) would complement the new UN Regulation, since some vehicles cannot fulfil the requirements of that UN Regulation.
  - GRSG agreed to seek guidance from the Administrative Committee for the Coordination of Work of WP.29 (AC.2) at its November 2022 session on the purview/priority of work in relation to the Working Party on Automated/Autonomous and Connected Vehicles (GRVA).
  - WP.29 agreed to have a clearer understanding of the direction of work related to the proposal before starting this activity under GRSG or GRVA.

# Status on work done & ongoing

- R158 Reversing motion
- R[167] Direct Vision
- Component Approval

# R158 Reversing Motion

- VRU-Proxi submitted GRSG-125-xx including:
  - New proposal for amendment of paragraph 16.1.3.1. associated with a proposal for a new paragraph 1.3.3.5 to Annex 9.
  - Proposal for amendments of paragraphs 16.1.1.3. and 16.1.1.4..
- VRU-Proxi will continue work on these proposals for further consideration in 126<sup>th</sup> GRSG.

# R[167] Direct Vision

- VRU-Proxi submitted ECE/TRANS/WP.29/GRSG/2023/10 for amending R[167] to recognize alternative innovative cab designs.
- VRU-Proxi wishes to withdraw this proposal as no sufficient equivalence with limit values in current regulations can be found.
- VRU-Proxi will continue work on a new proposal for further consideration in 126<sup>th</sup> GRSG.
- VRU-Proxi requests changes to ToR regarding expected date for delivery of point 4 (c) Phase 2 Amendments: April 2023 to be changed in October 2023
- Germany proposed to add Emergency Motion Inhibit System to complement R[167], since some vehicles cannot fulfil the requirements but no final decisions or proposals made in VRU-Proxi.

# Component approval

- VRU-Proxi proposed in its 29<sup>th</sup> session to form a dedicated Taskforce to draft proposals for component approvals in applicable VRU-Proxi regulations as noted at point 4 (d) of ToR.

# Conclusions

- VRU-Proxi will continue work on proposals to amend R158 Reversing motion for further consideration in 126<sup>th</sup> GRSG.
- VRU-Proxi will continue work on a new proposal for R[167] Direct Vision further consideration in 126<sup>th</sup> GRSG.
- VRU-Proxi requests to update the ToR regarding expected date for delivery of point 4 (c) Phase 2 Amendments: April 2023 to be changed in October 2023
- No final decisions or proposals made regarding proposal from Germany to add Emergency Motion Inhibit System to complement R[167] Direct Vision.
- VRU-Proxi planned to set up a Taskforce for drafting proposals for Component Approvals in the drafted regulations.

Thank you!