

**Draft agenda of the 11<sup>th</sup> Session  
GRSG informal group on  
awareness of Vulnerable Road Users proximity  
in low speed manoeuvres (VRU-Proxi)**

Dates: 24-26 September 2019  
Time: Start at 10:00 am on the first day and finish at 3:00 pm on the last day  
Venue: Holywell Park Conference Centre  
Holywell Way  
Loughborough University Science and Enterprise Park  
Loughborough, United Kingdom  
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Confirmation: Please confirm your attendance to this meeting to Mr. Lloyd-Smith  
([Robert.Lloyd-Smith@dft.gov.uk](mailto:Robert.Lloyd-Smith@dft.gov.uk)) and the VRU-Proxi secretary from OICA  
(Johan Broeders, email: [johan.broeders@daftrucks.com](mailto:johan.broeders@daftrucks.com))

**1. Adoption of the agenda**

Document: VRU-Proxi-11-01 (Chair)

**2. Adoption of the report of the 10<sup>th</sup> VRU-Proxi session (Berlin, Germany)**

Document: VRU-Proxi-10-12 (Chair)

**3. State of play of close-proximity vision and detection rulemaking in the contracting parties**

Document:

The European Commission may present the actual status regarding the General Safety Regulation Phase 2.

J to present an update of the intended implementation of VRU-Proxi regulations (mandatory for all vehicles or exemptions).

**4. Accidentology**

Document:

TRL may present an update and further elaboration of the collision landscape analysis

(including off-road accidents) and proposed scope for the regulations.

Contracting Parties may present accident data and typical mechanisms of blind spot accidents with M1 vehicles.

## **5. Status and developments of detection and vision technologies**

Document: VRU-Proxi-08-07 (CLEPA)

CLEPA may present (if available) an update of sensor capabilities in relation to detection around vehicle and in particular in distinguishing between humans and non-humans.

## **6. Reversing motion**

Document: ECE/TRANS/WP.29/GRSG/2019/16  
VRU-Proxi-11-xx (OICA)

J will present the update of the proposed regulation document for Reversing Motion as submitted by a Working Document to GRSG 117<sup>th</sup> session in October 2019. An Informal Document might be composed based on the discussions in the 11<sup>th</sup> VRU-Proxi meeting:

- CP's to reflect to VRU-Proxi on allowing periscope effect (mirror-to-mirror view);
- CP's may present their feedback to be given to GRSG 117<sup>th</sup> on allowing combination of close proximity rear-view device and direct vision by turning the head;
- OICA to present a proposal for exemptions for the Reversing Motion regulation. Solo tractors to be considered as exemptions. OICA to present to what proportion N-tractors are driven as solo vehicle.

GRPB installed a Taskforce (TFRWS) regarding reversing sound alert for VRUs behind vehicles. This TF is considering deactivation of the sound alert if a Reversing Motion system is activated. The TF decided to follow closely the work of the United Nation on UN Regulation No. 46.04 and on the new Regulation on "Devices for Reversing Motion". The Chair of VRU-Proxi may give some further details to discuss.

## **7. Forward motion Vehicle turning - Blind Spot Information System**

Document: ECE/TRANS/WP.29/GRSG/2019/25

A Working Document with following amendments to the BSIS regulation (ECE R151) has been submitted to the GRSG 117<sup>th</sup> session:

- Reduced area of detection to the rear
- External projection allowed for BSIS components

OICA may present further amendment proposals to the BSIS regulation to the group as subject for debate.

The group shall discuss the required Blind Spot Information System regulation for N2 < 8t as demanded in General Safety Regulation phase 2.

## **8. Forward motion Vehicle driving straight or taking off from standstill**

Document: VRU-Proxi-10-05 (TRL)  
VRU-Proxi-11-xx (TRL)  
VRU-Proxi-11-xx (Japan)

OICA/CLEPA to give reflection on feasibility and effectiveness of a motion inhibit.

TRL to present the collected feedback from the members to the distributed questionnaire on potential approaches as discussed in VRU-Proxi 10.

J may present a proposal on field of view around vehicle front and passenger side.

## **9. Direct Vision**

Document: VRU-Proxi-11-xx (OICA)  
VRU-Proxi-11-xx (LDS)

OICA to reflect on the proposed direct vision regulation (ambition level) as presented by LDS in VRU-Proxi 10.

The group will proceed with discussing further details on the regulation for direct vision.

LDS may present an update of the approach for the real world evaluation for the DVS scores of vehicles. The group is invited by LDS to visit the test facilities of LDS regarding the real-world test set up for direct vision evaluation.

## **10. Evaluation of Pedestrian and Cyclist Warning Systems for Trucks**

Document:

CA and/or Mobileye may present an update of the running field operational tests of Pedestrian and Cyclist Warning Systems for trucks.

## **11. Next meeting**

12<sup>th</sup> meeting: [proposal: **26-28** November 2019, Brussels Belgium]

## **12. Any Other Item**