

**Draft agenda of the 7<sup>th</sup> Session  
GRSG informal group on  
awareness of Vulnerable Road Users proximity  
in low speed manoeuvres (VRU-Proxi)**

Dates: 25-27 September 2018  
Time: Start at 10:00 am on the first day and finish at 4:00 pm on the last day  
Venue: Federal Highway Research Institute (BASt)  
Brüderstraße 53  
51427 Bergisch Gladbach  
Germany

Contact: Dr.-Ing. Patrick Seiniger (BMVI)  
Tel: +49 (0) 228 99 300 7638  
Email: Patrick.Seiniger@bmvi.bund.de

Confirmation: Please confirm your attendance to this meeting to the VRU-Proxi secretary  
(Johan Broeders, email: [johan.broeders@daftrucks.com](mailto:johan.broeders@daftrucks.com))

Day 1, 25<sup>th</sup> of September 2018 (10:00 am – 5:30 pm)

**1. Adoption of the agenda**

Document: VRU-Proxi-07-01 (Chair)

**2. Adoption of the report of the 6<sup>th</sup> session (AstaZero, Sweden)**

Documents: VRU-Proxi-06-13 (Chair)

**3. Terms of Reference**

Document: VRU-Proxi-03-06 (Secretary)

The group shall short review and re-confirm the target completion dates in Terms of Reference for the work of the GRSG informal working group VRU-Proxi.

**4. Accidentology**

Document: VRU-Proxi-06-06 (OICA)

OICA may present an update of the accidentology presentation after discussion on the presentation in the 4<sup>th</sup> session.

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

Document: VRU-Proxi-06-11 (Germany)  
VRU-Proxi-06-12 (Germany)

After the 6<sup>th</sup> VRU-Proxi meeting Germany has submitted the final proposal for BSIS to the 115<sup>th</sup> session of GRSG in October 2018. The chair or the group may put some words to this first deliverable of the VRU-Proxi group.

Furthermore remaining action points of the 6<sup>th</sup> VRU-Proxi meetings to be discussed:

- Provide feedback on requirement of additional warning on top of information signal (OICA)
- Feedback on feasibility of detection area up to 0.25 m in front wheel area, (CLEPA / OICA)
- Usefulness of information signal prohibit on a static object while cyclist is stationary (CLEPA / OICA)
- Definition of lighting conditions (Mobileye / France)

Day 2, 26<sup>th</sup> of September 2018 (9:00 am – 5:30 pm)

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

CLEPA to present the status and developments of detection and vision technologies.

## **7. Direct Vision**

Document: VRU-Proxi-06-08 (Transport for London)  
VRU-Proxi-06-07 (Loughborough Design School)

Actions from last meeting to be discussed:

- Vehicle manufacturers to give feedback on the 1 star, is this achievable for all trucks based on conventional cab concepts (no low entry and no best-in-class approach) – OICA (ACEA)
- How to deal with differentiating between highway and urban trucks, otherwise there will be one-size fits all – OICA (ACEA)
- Contracting parties for certification and test protocol (virtually or measurement) - CP's

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

Document: VRU-Proxi-06-07 (Canada)  
VRU-Proxi-06-10 (Mobileye)

CA may present an update on the research on Evaluation of Pedestrian and Cyclist Warning Systems for Trucks by Track and Field Operational Tests, including:

- Continuation of the collection of surveys from FOTs

- Further breakdown of the observations and results to vehicle type and warnings per vehicle mileage

Mobileye may present an update of the results from field tests in Europe and real-life scenarios related to blind spot information system.

Day 3, 27<sup>th</sup> of September 2018 (9:00 am – 4:00 pm)

## **9. Reversing motion**

Documents: VRU-Proxi-06-02 (Japan)  
VRU-Proxi-06-03 (Japan)

The group is expected to make progress toward their objective 4 (b) of the revised Terms of Reference: Reversing motion (e.g. Camera Monitoring Systems CMS or detection system) to be finalized before 116th session of GRSG (April 2019).

The group shall review the complete final proposal line by line in order to achieve a common agreement on the regulatory proposal for Reversing motion towards the 116th session of GSRG.

Contracting Parties and OICA to present possible test procedures for approval of reversing detection systems according the regulation as proposed by Japan.

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

Document: VRU-Proxi-05-04 (France)

As discussed in 5<sup>th</sup> VRU-Proxi session feedback from experts of the group is expected on possible ways forward as follow-up on presented regulation articulation proposal from FR.

The European Commission might present the progress of work of the GSR Phase 2 in Europe.

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

The group is expected to start toward their objective 4 (a) of the revised Terms of Reference: Vehicle driving straight or taking off from standstill: 118th session of GRSG (April 2020) e.g. CMS or detection system. The group to provide proposals or ideas for regulation for VRU awareness in driving straight or taking-off manoeuvres.

## **12. Next meeting:**

8<sup>th</sup> meeting: 5-7 February 2019 in Yokohama, Japan, [exact location TBD]  
9<sup>th</sup> meeting: [TBD]

## **13. Any Other Item**