Draft agenda of the 7th 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)
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Confirmation: Please confirm your attendance to this meeting to the VRU-Proxi secretary
(Johan Broeders, email: johan.broeders@daftrucks.com)

Day 1, 25th 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 6th 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 4th session.
5. **Forward motion Vehicle turning - Blind Spot Information System**

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

After the 6th VRU-Proxi meeting Germany has submitted the final proposal for BSIS to the 115th 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 6th 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, 26th 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, 27th 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 5th 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:

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

13. Any Other Item