



Informal document **GRSG-113-35**
(113th GRSG, 10-13 October 2017,
agenda item 5.)

GRSG-113

Agenda point 5 – Awareness of Vulnerable Road Users proximity



Inf Group management

- European Commission/Japan co-chairmanship, with OICA as Secretariat
- 3 meetings to date, next scheduled in November in Tokyo
- Aim: “Enhancement of the driver's ability to detect vulnerable road users (VRU)”
- Scope: vehicles of categories M and N
- Limited to detection and warning systems
- 4 steps for regulatory outcomes to GRSG (see GRSG-113-14)
 - 115th – Oct. 2018: BSIS
 - 116th – Apr. 2019: Rearward motion
 - 118th – Apr. 2020: Forward motion – Driving straight or taking off
 - 120th – Apr. 2021: Direct vision



Main topics

- Timing: not frozen yet (EC)
- Scope: depends on each topic
- Data collection:
 - OICA as pilot
 - Necessary for determining the priorities
- HMI: identified as a major item: How? and when?
 - Warning or Informing the driver to be discussed for each scenario
- Switch-off capabilities: to be defined
- Regulatory approach: separate new regulation vs. amendment to UN R46?



State of play after 2nd meeting

➤ Forward driving:

1. Transport for London (TfL)
2. Promote direct view, eye contact
3. VRU-Proxi to take full account of the conclusions of the TfL study

➤ Rearward driving:

1. J to provide additional justifications to their proposal GRSG-111-23 at 4th meeting
2. VRU-Proxi to investigate rear-view cameras + sensors combination

➤ Data task-force: OICA as pilot



State of play after 3rd meeting

➤ Establishment of 3 task-forces:

1. Regulatory text drafting focusing on BSIS

- Pilot: BASt (Germany)
- Aims: Re-structure the text, improve test method
- Deadline: GRSG-114

2. Data collection (confirmation of 2nd meeting)

- Pilot: OICA
- Aim: define the priorities of the group
- See GRSG-113-27
- Deadline: VRU-Proxi-04 (Nov 17 – Tokyo)



State of play after 3rd meeting (cont'd)

3. Human-Machine Interface (HMI)

- Pilot: OICA
 - Aims: BSIS HMI text proposal
 - Deadline: GRSG-114 (April 2018)
- Terms of Reference revised as per GRSG-113-14
- Final regulatory proposal limited to vehicle approvals (1st step)



THANK YOU !