

UNECE GRSP Task Force
Deployable Pedestrian Protection Safety

3rd meeting, 9 Sept. 2017
9:30 a.m. – 11:30 a.m. (Berlin time), Web Meeting

Minutes (~~Draft~~-Final)

1. Welcome and introduction (Chair)

Attendees (in alphabetical order):

Louis Ballaux (OICA/Honda)
Edgar Bihler (OICA/Daimler)
Sukhi Bilkhu (OICA/Mahindra)
Peter Broertjes (European Commission)
CH Choi (OICA/Hyundai)
Irina Dausse (OICA/Renault)
Randy Edwards (OICA/Alliance)
Anders Fredrikson (OICA/Volvo)
Dirk-Uwe Gehring (BGS Boehme und Gehring)
Martin Harvey (OICA/JaguarLandRover)
Mariola Hauke (CLEPA)
Servine Jacquet (OICA/PSA)
Melanie Jean-de Nuce (OICA/Renault)
Taiki Kato (NTSEL)
Thomas Kinsky (OICA/Opel), Secretary
Sergey Kondratiev (OICA/Toyota)
Atsuhiko Konosu (JASIC/JARI)
Peter Martin (NHTSA)
Gerhard Maurer (OICA/BMW)
Hideto Nakasato (MLIT/JASIC)
Akihiro Osanai (JASIC/Toyota)
Jin Seop Park (Korea), Chair
Gernot Pauer (Altran/Concept)
Sascha Pfeifer (OICA/VDA)
Ansgar Pott (OICA/Hyundai)
Franz Roth (OICA/Audi)
Yoshiki Shimoda (NTSEL/JASIC)
Patrick Smith (NHTSA)
Jason Stammen (NHTSA)
Dave Sutula (NHTSA)
Shunsuke Takagi (NTSEL/JASIC)

Yukou Takahashi (JASIC/Honda R&D)
Yoshinori Tanaka (NTSEL/JASIC)
Masanori Taniguchi (JASIC/Nissan)
Sebastian Teichmann (OICA/Volkswagen)
Stefan Vogel (OICA/Opel)
Eva Walkhead (OICA/Volvo)
TG Yang (OICA/Hyundai)
Oliver Zander (Germany/BASf)

The chair welcomed all attendees.

2. Review and approval of the agenda (Chair/secretary)

- No further comments were received
- Dr. Konosu announced an additional presentation on head impact

3. Review and approval of the minutes of the minutes of the 2nd meeting (Chair/secretary)

- No further comments were received, minutes were adopted as they are on the website

4. Short report from the 61st (May 2017) session of GRSP in Geneva (Secretary)

- Document GRSP-61-12 was introduced by the secretary
- The chair explained that guidance of GRSP was unclear and limited to resolve open issues, especially regarding TF scope and Inclusion of numerical simulation in GTR No.9. Accordingly, he will again seek for clear guidance and confirmation during the next GRSP meeting
- Discussion on numerical simulation that may be needed for definition of timing etc.
- Question EC: How to integrate numerical simulation for self-certification / market surveillance? Are manufacturer data acceptable for such purposes?
- Answer Korea: For self-certification system, we may use the simulation result during the compliance test. Problem is how the result can be verified
- Discussion on including numerical simulation in GTR No. 9. There was no suggested alternative to replace the simulation method for HIT
- NHTSA added that they generally prefer physical testing of all details for confirmation
- OICA explained that reliable procedures are needed which nowadays also include simulation of some details

5. Discussion on Simulation Human Body Model (All)

- The chair asked all for idea on how GTR No. 9 includes which HBM should be used for simulation
- OICA pointed out that also the Consumer Testing Organizations accept HBM simulation data even if they are known to be conservative with manufacturer data
- The chair suggested that making a certain standard or requirements for HBM could be a way to regulate HBM in GTR No. 9 instead of listing the names of HBMs
- For the positioning of the HBM, the chair proposes to use center line of the vehicle, no disagreement
- For the impact speed, the chair asked all for their opinions, explaining two options (40km/h or 45km/h) in the existing relevant protocols
- Discussion on speeds to be recognized, Mr. Roth explained that legislation usually concentrates on different details than consumer testing. Hence, he proposed 40 km/h
- Regarding the walking posture of HBM, OICA explained that this is in discussion at consumer testing organizations

6. Discussion on Lower Threshold Testing (All)

- Lower threshold is part of the systems, proof may be needed that protection is provided just below this threshold
- The chair requests all attendees to provide their opinions on this
- There was no disagreement on whether testing at the lower threshold is needed

7. Modified task list resulting from the 3rd meeting (All)

- (Not discussed due to the lack of time)
- (Documents from Japan will be presented during the next meeting)

8. Date and place of the next meeting, expected outcome (All)

- Next meeting in Berlin from 21 – 23 Nov. 2017, the secretary will share the details soon, meeting location will be downtown (close to “Unter den Linden” and “Brandenburg Gate”)