

Status of Informal Working Group on Deployable Pedestrian Protection Systems (IWG-DPPS)

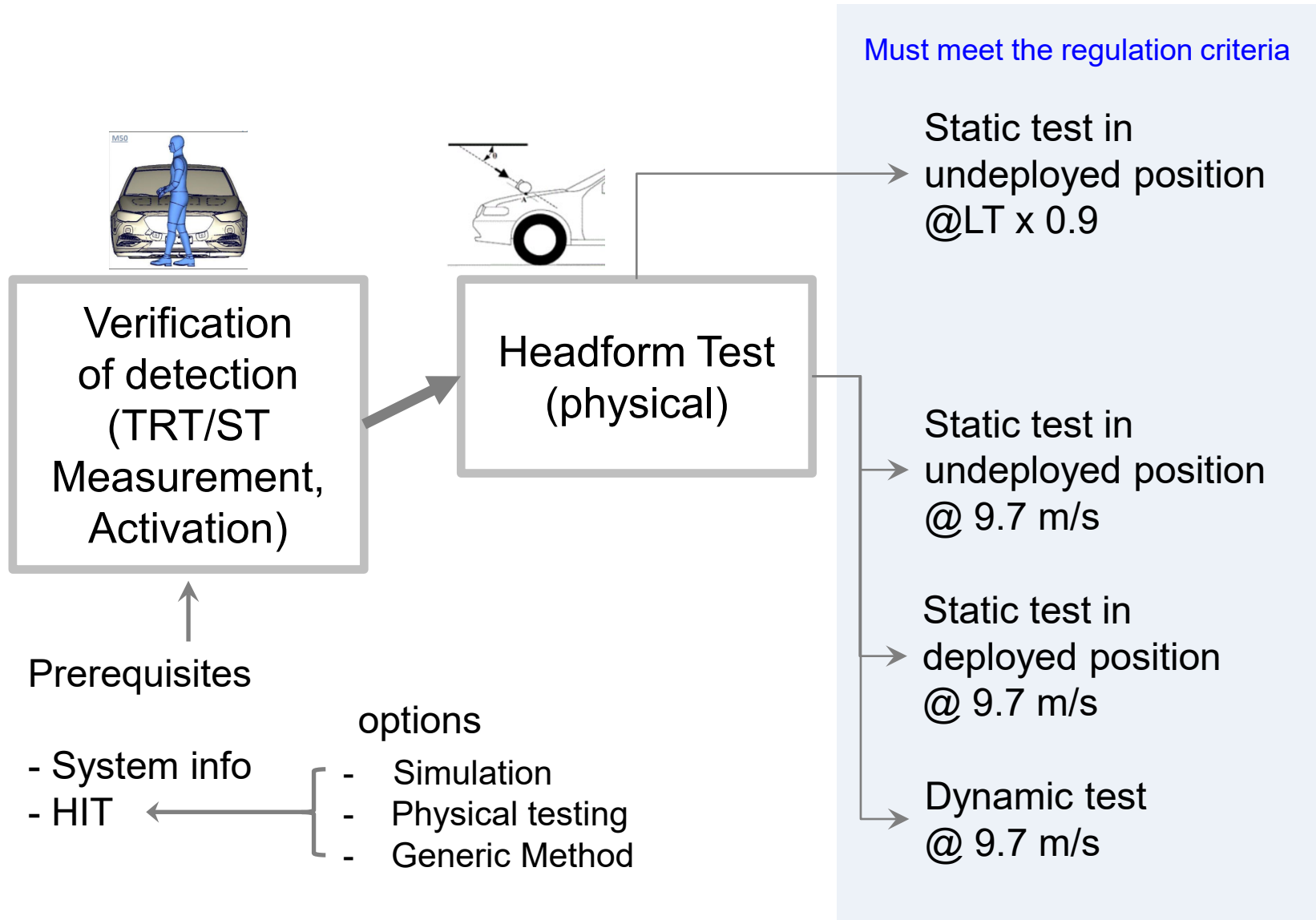
Chair: Jin Seop PARK, Republic of Korea(KATRI)
Secretary: Irina Dausse, OICA(Renault)

- Objective
 - To develop the amendment of GTR No.9 & UN R127 w.r.t. Deployable Pedestrian Protection Systems (DPPS)

 - Activities
 - IWG: MAR., 2018 ~ NOV., 2022(extended mandate)

 - Meetings
 - 12th Meeting (29 ~ 30 JUN., 2021 / Online)
 - 13th Meeting (14 ~ 15 SEP., 2021 / Online)
 - 14th Meeting (16 ~ 17 NOV., 2021 / Online)
 - Subgroup online meetings
- * Due to the Covid19 pandemic, the progress is slow

Summary of the amendment discussion



* HIT = Head Impact Time
LT = Lower Threshold (of speed)

- IWG-DPPS Decision

Phase 1 will include numerical simulation for HIT and a marker in the preamble for generic approach to be developed in the next phase

- Issue

Japan proposal adds a sentence about an equivalent method (physical or alternative numerical simulation) to the numerical simulation to be agreed by CPs

"A Contracting Party may choose to alternatively accept to use the (physical or numerical) simulation tools and method for HIT calculation different from the tool and method defined in *.* and *.* of this Annex, respectively, in case the validity is shown by the manufacturer and is agreed by such Contracting Party."

equivalency

(This proposal is the same condition of current UN R127')

- Opinion 1
The physical or alternative numerical simulation must be clarified for GTR and UN Regulation. Therefore, the proposal without detailed procedure cannot be included in Phase 1.
- Opinion 2
The equivalency of methods must be agreed by CPs. The proposal is sufficient and can be included in Phase 1.



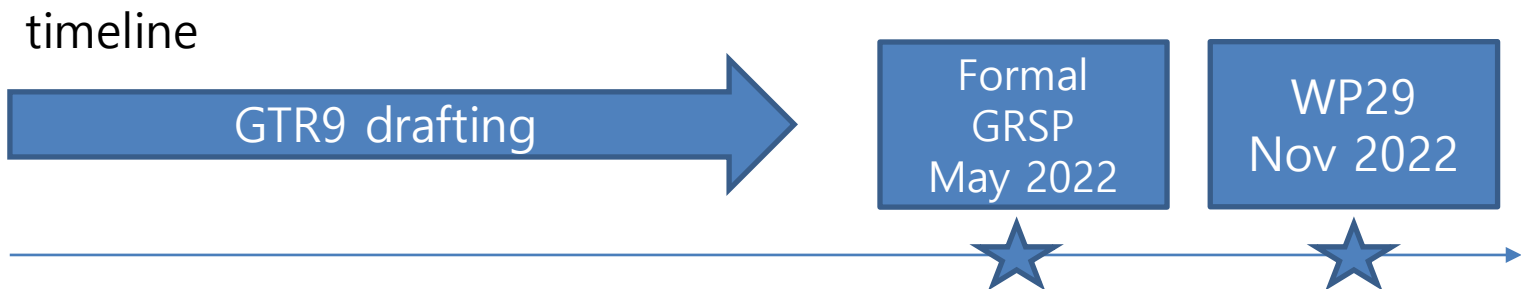
Request for discussion on this issue in GRSP level

- How to deal with the remaining left topics of DPPS?
- Opinion 1. IWG-DPPS Phase 2
 - Generic approach for HIT
 - Other remaining topics for DPPS test procedure
- Opinion 2. IWG Phase 3 of GTR No.9
 - all DPPS related remaining topics
 - Head test impact area (GTR 9 amendment 3)
 - Adjustable Ride Height Suspension System
 - Extension of head test area



Request for discussion on this issue in GRSP level

- Next Meeting
 - 1~2 February, 2022 (t.b.d.)
 - Online meeting
- More subgroup meetings (t.b.d.)





Thank you for your attention