

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

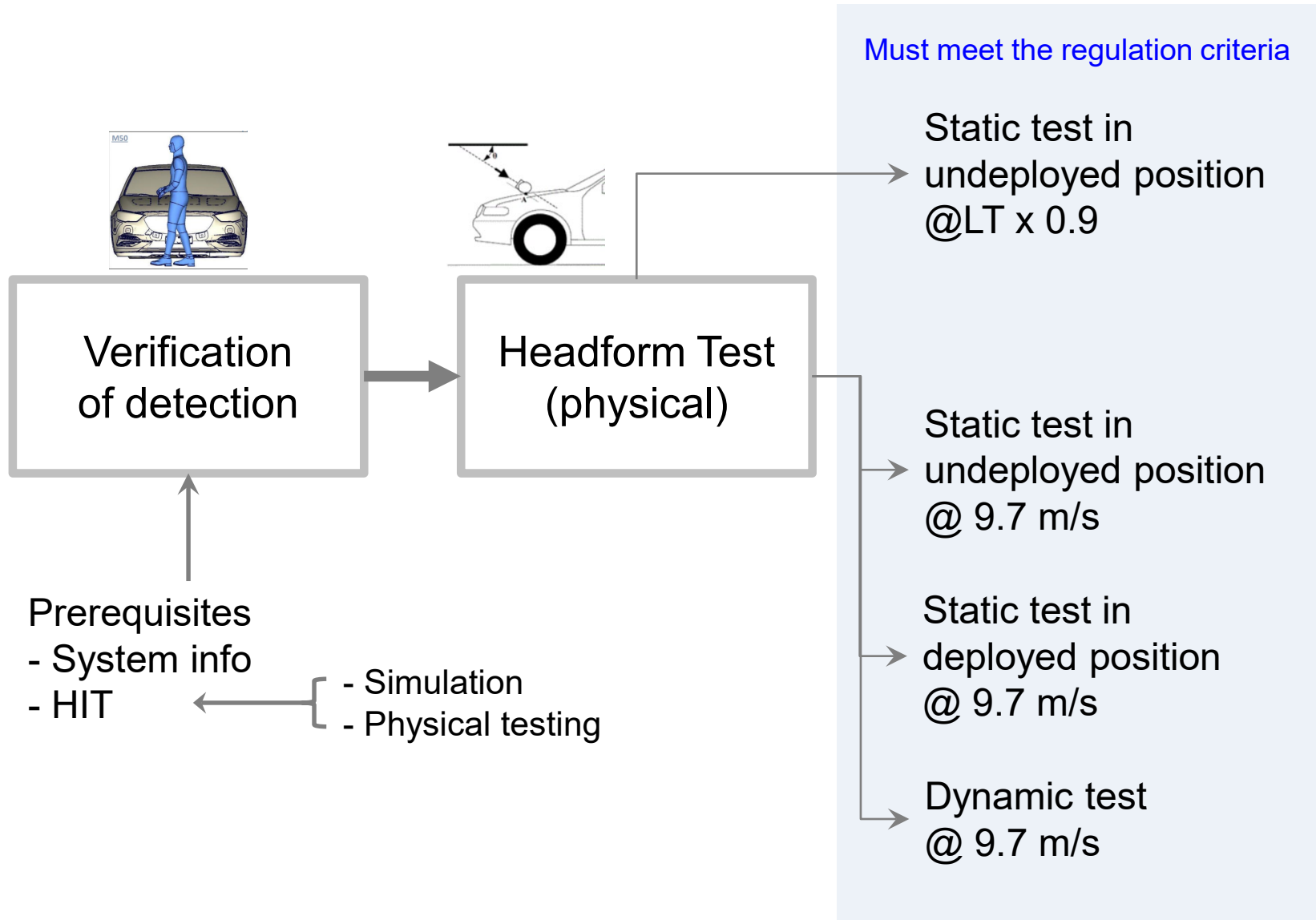
Chair: Jin Seop PARK, Republic of Korea(KATRI)
Secretary: Irina Dausse, OICA(Renault)

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

 - Activities
 - TF: NOV., 2016 ~ MAR., 2018
 - IWG: MAR., 2018 ~ JUN., 2021(TOR mandate)

 - Meetings
 - 6th Meeting (3rd ~ 4th MAR., 2020 / Online)
 - 7th Meeting (15th ~ 17th SEP., 2020 / Online)
 - 8th Meeting (18th NOV., 2020 / Online)
- * Due to the Covid19 pandemic, the progress is slow

Summary of the amendment discussion



* HIT = Head Impact Time
LT = Lower Threshold

- HIT determination
 - simulation : considering the modification from Euro NCAP procedure (HBM, position, etc.)
 - physical testing : dummy testing based on SAE J2782
 - still some challenges
- Verification Impactor
 - Reviewing Flex-PLI as a candidate impactor
- Defining test area
 - undeployed condition : Korea, Germany, Japan, UK
 - deployed condition : Netherland, OICA

- HIT vs WAD for dynamic test
 - regression : UK, Netherland, Germany, Spain
 - dot-to-dot : Japan, Korea
- Sensing area
 - Discussing the definition and correlation with head test area

Next IWG meeting

- Next Meeting
 - 20th ~ 21st JAN., 2021
 - Online meeting
- More meetings (t.b.d.)
- Tentative Timeline





Thank you for your attention