

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

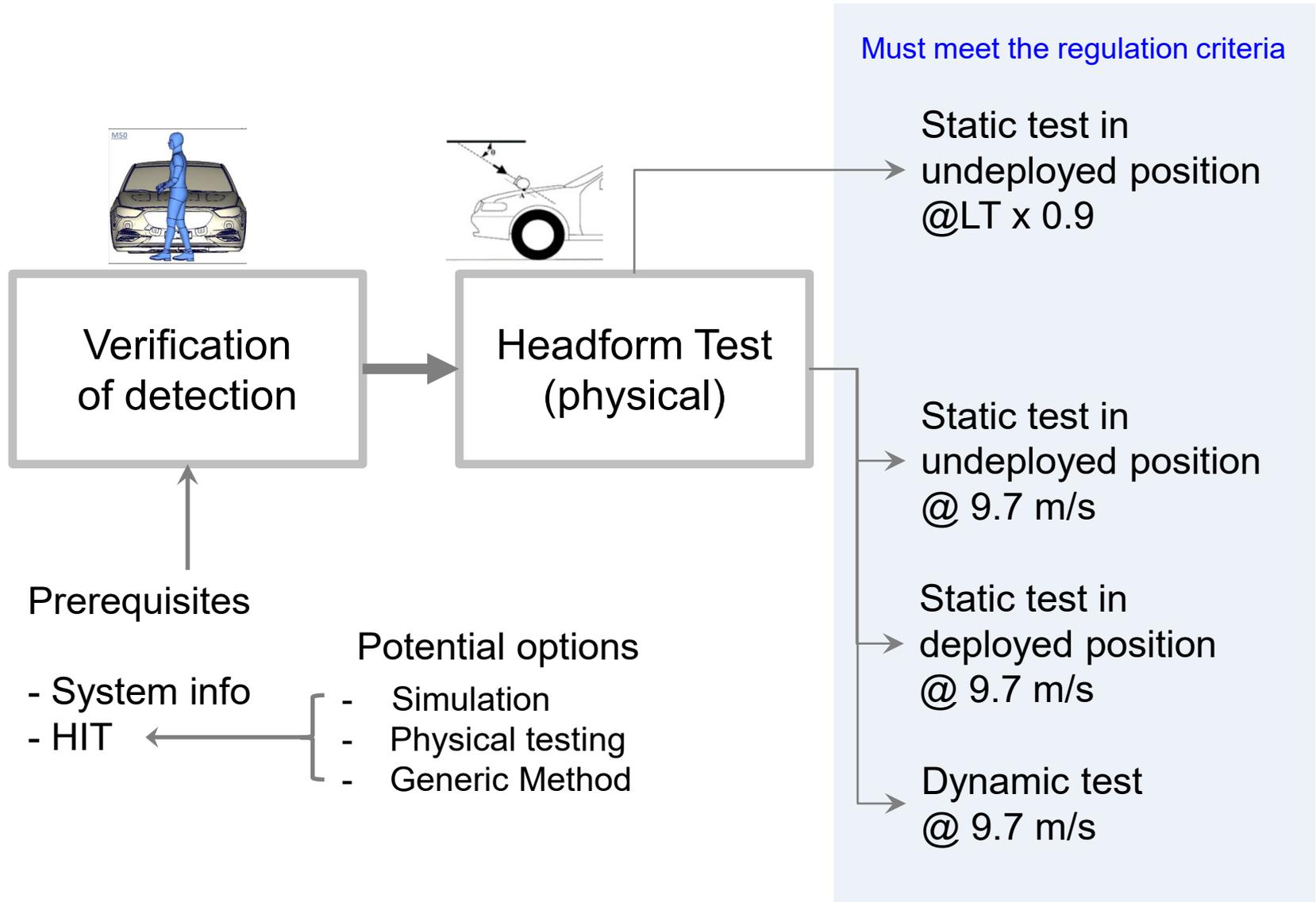
Chair: Jin Seop PARK, Republic of Korea(KATRI)
Secretary: Irina Dausse, OICA(Renault)

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

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

 - Meetings
 - 9th Meeting (20th ~ 21st JAN., 2021 / Online)
 - 10th Meeting (9th ~ 10th MAR., 2021 / Online)
 - 11th Meeting (27th ~ 28th APR., 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)

- HIT determination: 3 possible options
 1. simulation : considering the modification from Euro NCAP procedure (HBM, position, etc.)
 2. physical testing : dummy testing based on SAE J2782
 3. beginning to discuss generic method
 - still some challenges

- ※ IWG requests for GRSP confirmation regarding
(all Contracting Parties, especially the United States)

- applying the numerical simulation method to the regulation

- 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
- Detection/Sensing area
 - detection area definition : Germany, Netherlands, Korea, Spain, France, Italy
 - additional deployment condition of DPPS: Japan
- Verification Impactor: Flex-PLI(decided)

- Next Meeting
 - 29th ~ 30th JUN., 2021
 - Online meeting
- More meetings (t.b.d.)
- Extension of mandate of IWG-DPPS

timeline





Thank you for your attention