VRU Proxi
Regulations articulation proposal

VRU Proxi – 5th session
Regulations articulation

 Proposal to focus on 2 major axis referencing to the current ToRs :

* Vision (including direct, indirect and CMS)
  - Reversing motion
  - Vehicle driving straight or taking off from standstill
  - Direct vision

* Detection around the vehicle
  - Vehicle turning
  - Reversing motion
  - Vehicle driving straight or taking off from standstill

05/03/2018 VRU Proxi - Regulations articulation
Vision (including direct and indirect)

Updates of Regulations already in force

UNECE n° 46 : approval of devices for indirect vision and of motor vehicles with regard to the installation of these devices
- Addition of new fields of vision
- Definition of mandatory / optional devices following vehicle category
- Definition of mandatory / optional devices depending on presence of approved detection systems

UNECE n° 125 : approval of motor vehicles with regard to the forward field of vision of the motor vehicle driver
- Scope extension
- Consideration of additional obstructions
- Addition of fields of vision

UNECE n° 43 : approval of safety glazing materials
- Need to consider a revision of glazing requirements?
Detection around the vehicle

Build a new Regulation draft proposal

Articulation with separate parts corresponding to areas/motions to cover:
- Part I: Opposite to driver side in turning motion
- Part II: Rear detection in reversing motion
- Part III: Front detection in forward motion
- ...

Flexibility in parts application
- Vehicle category
- Definition of mandatory / optional detection depending on presence of approved vision systems
- CPs specific needs (adapted to IWVTA context)