Consideration of activity list, work plan of FRAV with respect to the delivery of ALKS (low speed) by IWG ACSF

CLEPA recommendation

**Background**

The GRVA ACSF informal working group (IWG ACSF) is committed to deliver the ALKS new UN Regulation (Vehicle Speed below 60 km/h, without Lane Change and for Highways only) by March 2020, including both, the requirements and certification tests.

At this moment in time it is not foreseeable that IWG ACSF will conclude with its objective.

Even so, the development of ALKS below 60 km/h, tests and assessment methods, shall remain the task of the ACSF IWG and of the CEL task force of GRVA, led by UK.

**CLEPA recommendation**

1. FRAV shall focus on the following items to develop general requirements on vehicle automation:
2. **Detection and perception of the Environment**Can the system detect all required environmental elements (traffic participants, road boundaries, infrastructure)?
3. **Driving strategy**  
   How the system handles any situation (interpretation and planning) based on SOTIF and ISO 26262 (e.g. performance requirements for longitudinal and lateral control)?
4. **Driver / System Interaction**  
   Does the system always knows the state of the driver (driver monitoring)?  
   Does the driver always know the state of the system (mode confusion)?
5. **Minimum Risk Manoeuvre**
   * caused by no reaction by the driver on transition demand
6. FRAV shall develop in a first step requirements for vehicle automation on highways
7. ALKS below 60 km/h shall continue to be developed only by the ACSF IWG to be continued after 24th session in November in parallel with VMAD and FRAV.

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