

**Consolidated Document for CAT A Systems**  
**after 8<sup>th</sup> session of the Informal Working Group on ACSF**  
(markings: **yellow**: tbd    **cyan**: remarks)

- 2.4.8.xx “Remote Controlled Parking” (RCP) means a function in category A ACSF, actuated by the driver, to provide parking or low speed manoeuvring. The actuation is made by remote control in close proximity to the vehicle.
- 2.4.8.yy "Specified maximum RCP operating range ( $S_{RCPmax}$ )" means the maximum distance between the nearest point of the motor vehicle and the remote control device up to which ACSF is designed to operate.
- 5.6.6. Special Provisions for Category A ACSF
- Any system of Category A ACSF shall fulfill the following requirements.
- 5.6.6.1. General
- 5.6.6.1.1 The system shall only operate until 10 km/h (+2 km/h tolerance)
- 5.6.6.1.2 The system shall be active only after a deliberate action of the driver and if the conditions for operation of the system are fulfilled (all associated functions – e.g. brakes, accelerator, steering, camera/radar/lidar etc. are working properly).
- 5.6.6.1.3. The system shall be able to be deactivated by the driver at any time.
- 5.6.6.1.4. In the case where the system includes accelerator and/or braking control of the vehicle, the vehicle shall be equipped with a means to detect an obstacle (e.g. vehicles, pedestrian) in the manoeuvring area and to bring the vehicle immediately to a stop to avoid a collision
- 5.6.6.2. Additional provisions for Remote Controlled Parking systems
- 5.6.6.2.1. The parking manoeuvre shall be initiated by the driver but controlled by the system. A direct influence on steering direction, acceleration and braking via the remote control device shall not be possible.
- 5.6.6.2.2. A continuous actuation of the remote control device by the driver is required during the parking manoeuvre.
- 5.6.6.2.3. If the continuous actuation is interrupted or the distance between vehicle and remote control device exceeds the specified maximum RCP operating range ( $S_{RCPmax}$ ) or the signal between remote control and vehicle is lost, the vehicle shall stop immediately.
- 5.6.6.2.4 If a door of the vehicle is opened during the parking manoeuvre, the vehicle shall stop immediately.

5.6.6.2.5 The system shall be designed to protect against unauthorized activation or operation of the RCP systems and interventions into the system.

5.6.6.2.6 The specified maximum RCP operating range shall not exceed 6m

5.6.6.2.7 If the vehicle has reached its final parking position either automatically or by confirmation from the driver, and the ignition is switched off, the the parking braking system shall be engaged.

Remark: no final wording!!!!

5.6.6.3. System information data

5.6.6.3.1. Following data shall be provided together with the documentation package required in Annex 6 of this regulation to the Technical Service at the time of type approval

5.6.6.3.1.1. The value for the specified maximum RCP operating range ( $S_{RCP_{max}}$ )

5.6.6.3.1.2. The conditions under which the system can be activated, i. e. when the conditions for operation of the system are fulfilled.

5.6.6.3.1.3 For RCP systems the Manufacturer shall provide the technical authorities with an explanation how the system is protected against unauthorized activation