

Proposal for Future Approach toward Regulations on Lamps under Park Condition Subject to R48-09SIG Step 1

1. History

- At the 5th session of R48-09 SIG (March 16, 2022), Japan submitted SIG-05-02 that is applicable to the Wake-up/Shut-down light function (including the answer-back light) and the lamps that have already been prescribed in UN-R48 (hereinafter referred to as the “existing lamps”), based on the previous discussions.
- On the other hand, OICA submitted SIG-05-04 that is applicable, not only to these lamps, but also to future lamps that are not yet on the market. Thus, the scope of the discussion was greatly expanded. For this reason, Japan submitted the discussion paper SIG-05-05, asking questions regarding the direction of the SIG’s activities.
- At the beginning of the 5th session of the SIG meeting, it was confirmed, based on the suggestions from both chairpersons, that the direction of the discussion would be based on SIG-05-05. Japan proposed a 2-step approach in which the framework of lamps under park condition be formulated and the existing lamps be regulated in step 1 and, then, future lamps be regulated in step 2. This approach was agreed upon by all participating CPs as the direction of SIG.
- At the beginning of the activities of SIG, however, both chairmen were concerned about frequent releases of Series amendments. Therefore, a two-phase approach had been denied. Nonetheless, it was confirmed that, given the contents described in SIG-05-05, it would be possible to release the 09 series of amendments in step 1 and Supplement amendments in step 2.
- Moreover, it is desirable to solve this issue promptly because it is scheduled that the sunset clauses and requirement for Headlamp levelling that are being discussed at IWG-SLR be included in the 09 series of amendments.

2. Current Status

- The following 2-step approach proposed by Japan was agreed upon for the purpose of regulating lamps under park condition.

Step 1. Regulate UNDER PARK CONDITION lamps with a focus on Wake-up/shut-down function and existing authorized lamps (target: adopted in October 2022)

(Main items for consideration)

- Brush up on SIG 05-02 (Now : SIG-05-08)

(Schedule plan)

April 2022 : Reported to be a 2-step approach to the 86th GRE

April-September : Discussion in SIG

October : Submit and adopt a Working document at the 87th GRE

Step 2. Regulate under park condition lamps with a focus on new lamps

(Main items for consideration)

- Identification of lamps to be introduced in the future
- Bring in videos of the lamps and share images.
- Consider specific requirements for each of the seven aspects (1. Which lamps are allowed, 2. Colour, 3. Intensity, 4. Duration, 5. Flashing or non-flashing, 6. Change of intensity, 7. Trigger) .

(Schedule plan)

October - March 2023: Discussion in SIG

April 2023 : Submit an informal document to the 88th GRE

October : Submit and adopt a Working document at the 89th GRE

- At present as for step 1, efforts are being put forth to deepen the discussions with a view to achieving

the 87th GRE adoption in October 2022, based on SIG 05-02 proposed by Japan.

- In step 1, the framework is to be formulated for new regulations that apply to the existing lamps. Moreover, the possibility of including the Lamp test mode and the Charging lamp of EVs is being discussed in step 1 at the request from OICA. In order to achieve early adoption of step 1, it is urgently needed to submit also a concrete proposal for the Lamp test mode and the Charging lamp of EVs that have newly been added, and that proposal should be in line with the Wake-up/Shut-down light function.

3. Proposal for Future Approach

- **Therefore, OICA and CP who wants to speed up the formulation of regulations for those lamps that have been added are requested to form a concrete proposal in time for the agreement at the next SIG (June 10) if they would like to achieve early settlement of the Lamp test mode and Charging lamp of EVs in step 1. When forming a concrete proposal, it is also requested to refer to the SIG members by email about specific requirements for each lamp.**
- **So far, five SIG sessions have been held. Some proposals and counterproposals were submitted on the day of the session, which we believe resulted in the delay of the discussions. For the purpose of achieving the early settlement of step 1, efforts should be made to strictly adhere to the deadline of the submission of documents for the 6th SIG session and afterwards.**
- **We request that those lamps for which regulations are difficult to be formulated before the next SIG not be handled in step 1, but in step 2.**