

**Special Interest Group
on UN R48-09
(R48-09 SIG)**

**Status report to GRE-87
October 2022**

SIG on UN R48-09 Status Report

- Since the 5th session of SIG in March and GRE 86th session in April, the SIG once again met in June (via teleconference).
- During the 6th session, the group based the discussion on SIG-05-03 document from Japan.
- In order to extend the scope of lamps allowed to be switched ON as exterior courtesy lamps in parked conditions, it is proposed to add the rear position lamps, parking lamps and end-outline marker lamps. Side marker lamps are added in the list too.
- Due to time constraint, it was not possible to finalize the proposal at this 6th session. So, it was agreed that Japan and OICA would work together to find a compromise.

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Two sessions between Japan and OICA were organized end of July, to finalize the proposal before the official deadline for submission of working documents.

Japan – OICA proposal (1/2):

- The following definitions were improved and re-organized:
 - “Lamps permitted according to national legislation”
 - “Exterior Courtesy Lamps” (to adapt to current usage)
 - “External status indicator” (addition of latest UN R162 and 163)
 - “Energy indicator lamp”
 - “Answer-back signal”
 - “Lamp test mode”
- Other sections of UN R48 were also improved:
 - Documents for approval
 - Exemption for variations of photometric characteristics for the new features

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Japan – OICA proposal (2/2):

- For each new function (answer-back signal, energy indicator lamp, lamp test mode), all following parameters are set in section 6 of UN Regulation No.48, when applicable:
 - Presence
 - Number
 - Arrangement
 - Position
 - Geometric visibility
 - Orientation
 - Electrical connections
 - Tell-tale
 - Specific requirements to each function.
- Individual specifications for exterior courtesy lamps in §6.24. are amended to adapt to their current usage in parked conditions.

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The proposal **GRE/2022/27** finalizes the work for 1st step to regulate current functions under the parked conditions and we aim to adapt the proposal at least in the GRE April 2023 session.

Next step will be to define other possible new lighting functions that could be allowed under parked conditions.