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| Proposal submitted by OICA | **GRE TF HS****3rd meeting (Sept. 29, 2017)**Document TF-HS-03-03 |

**UNECE Regulation No. 48**

**Proposal for revised wording for paragraph 6.2.7.5**

**(Follow-up of TF-HS-02-10 Rev.1 and TF-HS 2nd session, based on ECE R48-06 sup. 09)**

**I. PROPOSAL**

*Amend paragraph 6.2.7.5 and 6.2.7.6. to read*

“

6.2.7.5. ~~Dipped-beam headlamps may be switched ON or OFF automatically. However, it shall be always possible to switch these dipped-beam headlamps ON and OFF manually.~~

~~6.2.7.6.~~ ~~If daytime running lamps are present and operate according to paragraph 6.19., either~~

~~6.2.7.6.1.~~ The dipped-beam headlamps shall be switched ON and OFF automatically relative to the ambient light conditions ~~(e.g. switch ON during night-time driving conditions, tunnels, etc.)~~ according to the requirements of Annex 13~~or~~**.**

**[When the dipped beam headlamps are required to be switched ON according to the requirements of annex 13, the Daytime Running Lamps must be switched OFF.]**

**However, the dipped-beam headlamps [and the lamps of paragraph 6.19] may remain switched OFF while the following conditions exist:**

1. **the automatic transmission control is in the park position; or**
2. **the parking brake is in the applied position; or**
3. **prior to the vehicle being set in motion for the first time after each manual activation of the device, which starts and/or stops the [~~engine (~~propulsion system~~)~~].**

~~6.2.7.6.2. daytime running lamps operate in conjunction with the lamps listed in paragraph 5.11. where, as a minimum requirement, at least the rear position lamps shall be activated; or~~

~~6.2.7.6.3. distinctive means are provided to inform the driver that the headlamps, position lamps and if so equipped end outline marker lamps and side marker lamps are not illuminated. Such means are:~~

~~6.2.7.6.3.1. two distinctly different levels of instrument panel illumination intensity are provided during night and day, indicating to the driver that the dipped beam headlamps shall be switched ON; or~~

~~6.2.7.6.3.2. non-illuminated indicators and identification of hand controls that are required by Regulation No. 121 to be illuminated when the headlamps are activated; or~~

~~6.2.7.6.3.3. A tell-tale visual, auditory or both, shall be activated only in reduced ambient lighting conditions as defined in Annex 13~~

~~to inform the driver that the dipped beam headlamps should be switched ON. Once the tell-tale is activated, it shall only be extinguished when the dipped beam headlamps have been switched on or the device which starts and/or stops the engine (propulsion system) is set in a position which makes it impossible for the engine (propulsion system) to operate.~~

**6.2.7.5.1 The dipped beam headlamps and the lamps of paragraphs 5.11 and 6.19 may be manually switched OFF if at least one of the following conditions is fulfilled:**

1. **the vehicle speed remains below [20km/h], or**
2. **the lighting system reverts immediately to automatic operation as indicated in 6.2.7.5 each time the device which starts and/or stops the engine (propulsion system) is set in a position which makes it possible for the engine (propulsion system) to operate, or**
3. **a clear indication/warning is provided to the driver throughout the entire period that these lamps remain switched OFF.**

**This indication/warning shall only be extinguished when:**

**i) the device which starts and/or stops the [propulsion system] is set in a position which makes it impossible for the [propulsion system] to operate, or**

**ii) the automatic operation as indicated in 6.2.7.5 has been reactivated**

**6.2.7.5.2. The dipped beam headlamps and the lamps of paragraph 6.19 may be manually switched OFF if at least one of the following conditions is fulfilled:**

1. **the lamps of paragraph 5.11 remain switched ON, or**
2. **the front fog lamps are switched ON, or**
3. **a clear indication/warning is provided to the driver throughout the entire period that dipped-beam headlamps remain switched OFF.**

**This indication/warning shall only be extinguished when:**

**i) the device which starts and/or stops the [propulsion system] is set in a position which makes it impossible for the [propulsion system] to operate, or**

**ii) the automatic operation as indicated in 6.2.7.5 has been reactivated**

**6.2.7.5.3. The automatic operation of the dipped-beam headlamps shall be reactivated as soon as the conditions described in paragraphs 6.2.7.5.1 and 6.2.7.5.2 above are no longer fulfilled, or if the driver manually reactivates the automatic operation.**

**6.2.7.5.4 Irrespective of the requirements of Annex 13 ~~I~~it shall always be possible to switch the dipped beam headlamps ON manually.”**

**II. JUSTIFICATION**

National use requirements are not harmonised and prescribe different scenarios for the use of the dipped beam headlamps and of position lamps, as was discussed in the first two sessions of TF-HS. It is therefore indispensable to provide for a manual activation and deactivation of those lamps. In order to ensure safe operation in public traffic, in the case where the automatic activation is overwritten and the headlamp switch is manually put into ‘OFF’ position, the driver shall receive a clear message that the headlamps are turned off when ambient conditions change to night time driving conditions.

Headlamps may remain turned ON permanently either due to national requirements or at the discretion of the driver This does not pose an additional risk for traffic safety and it is not recommended to include this condition into these warning conditions. This is to protect the driver from permanently receiving a warning when driving in daylight conditions.