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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Lighting and Light-Signalling****Eighty-first session**

Geneva, 15-18 April 2019

Item 6 (a) of the provisional agenda

UN Regulation No. 48 (Installation of lighting and light-signalling devices):**Proposals for amendments to the 05 and 06 series of amendments****Proposal for a Supplement to the 06 series of amendments to
UN Regulation No. 48 (Installation of lighting and light-
signalling devices)****Submitted by the experts from Czechia and Italy***

The text reproduced below was prepared by the experts from Czech Republic and Italy, with the support of Task Force on Headlamp Switching (TF-HS) to correct and clarify the requirements for daytime running lamps (DRL) in conjunction with rear position lamps. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2018–2019 (ECE/TRANS/274, para. 123 and ECE/TRANS/2018/21/Add.1, cluster 3.1), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate

GE.19-01474(E)



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I. Proposal

Add a new paragraph 5.11.1.3., to read:

“5.11.1.3. When light signalling system operates according to paragraph 6.19.7.4.”

Paragraphs 5.11.2. and 5.11.3., renumber as 5.11.1.4. and 5.11.2. respectively.

Paragraph 6.2.7.7., amend to read:

“6.2.7.7. Without prejudice to paragraph 6.2.7.6.4., the dipped-beam headlamps may switch ON and OFF automatically relative to other factors such as time or ambient conditions (e.g. time of the day, vehicle location, rain, fog, etc.).”

Paragraph 6.9.8., amend to read:

“6.9.8 Tell-tale

Circuit-closed tell-tale mandatory. This tell-tale shall be non-flashing and shall not be required if the instrument panel lighting can only be switched ON simultaneously with the front position lamps.

This requirement does not apply when light signalling system operates according to paragraph 6.19.7.4.

However, a tell-tale indicating failure is mandatory if required by the component regulation.”

Paragraph 6.10.8., amend to read:

“6.10.8 Tell-tale

Circuit-closed tell-tale mandatory. It shall be combined with that of the front position lamps.

This requirement does not apply when light signalling system operates according to paragraph 6.19.7.4.

However, a tell-tale indicating failure is mandatory if required by the component regulation.”

Paragraph 6.19.7.4., amend to read:

“6.19.7.4. The lamps referred to in paragraph 5.11. may be switched ON when the daytime running lamps are switched ON. **If this option is chosen, at least the rear position lamps shall be switched ON.**”

II. Justification

1. GRE adopted informal document GRE-77-06-Rev.1 as Supplement 9 to the 06 series of amendments to UN Regulation No. 48, amending the provisions on automatic switching between daytime running lamps (DRL) and headlamps. The proposal removed several subparagraphs (including 5.11.1.3.) that had transitional application only in the 05 series of amendments, but were kept by mistake in the 06 series of amendments as well.

2. However, during its first two meetings, TF-HS decided to retain the possibility to switch ON DRL in conjunction with only (at least) rear position lamps, without the need for the position lamps tell-tale in that case. This solution is necessary for some countries and is

also logical from an energy saving perspective, because not all other lamps (referred to in paragraph 5.11.) need necessarily to be switched ON.

3. In addition, the proposed Supplement corrects a wrong reference to the deleted provision in paragraph 6.2.7.7. and renumbers paragraph 5.11.2. whose content should be part of paragraph 5.11.1. (renumbering of paragraph 5.11.3. is a consequential editorial change).
