



Economic and Social Council

Distr.: General
23 December 2015

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

168th session

Geneva, 8-11 March 2016

Item 4.9.6 of the provisional agenda

**1958 Agreement – Consideration of draft amendments
to existing Regulations submitted by GRE**

Proposal for Supplement 18 to the original series of amendments to Regulation No. 50 (Position, stop, direction indicators lamps for mopeds and motorcycles)

Submitted by the Working Party on Lighting and Light-Signalling*

The text reproduced below was adopted by the Working Party on Lighting and Light-Signalling (GRE) at its seventy-fourth session (ECE/TRANS/WP.29/GRE/74, para. 25). It is based on ECE/TRANS/WP.29/GRE/2015/37. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration at their March 2016 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2014–2018 (ECE/TRANS/240, para. 105 and ECE/TRANS/2014/26, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Paragraph 2.2., insert a new item (c), to read:

- "2.2. ...
(c) The sequential activation of light sources, if any.
... "

Insert a new paragraph 6.8., to read:

- "6.8. For direction indicator lamps of categories 11, 11a, 11b, 11c or 12 the flash may be produced by sequential activation of their light sources if the following conditions are met:
- (a) Each light source, after its activation, shall remain lit until the end of the ON cycle;
 - (b) The sequence of activation of the light sources shall proceed in a uniform progressive manner from inboard towards the outboard edge of the apparent surface;
 - (c) It shall be one continuous line without repeat alternation in the vertical direction (e.g. no waves);
 - (d) The variation shall finish no more than 200 ms after the beginning of the ON cycle;
 - (e) For the orthogonal projection in the direction of the axis of reference of a rectangle, circumscribing the apparent surface of the direction indicator shall have its longer sides parallel to the H-plane, the ratio of the horizontal to the vertical sides shall not be less than 1.7.

Compliance with the conditions mentioned above shall be verified in flashing mode."

Annex 2, item 9., amend to read:

- "9. Concise description:³
...
Stop lamp: yes/ no ²
Sequential activation of light sources (see paragraph 6.8. of this Regulation):
yes/no ² "