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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****172nd session**

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Item 4.10.10 of the provisional agenda

**1958 Agreement: Consideration of draft amendments
to existing Regulations submitted by GRE****Proposal for Supplement 20 to Regulation No. 50 (Position,
stop, direction indicator 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-seventh session (ECE/TRANS/WP.29/GRE/77). It is based on ECE/TRANS/WP.29/GRE/2016/20, Annex IV to ECE/TRANS/WP.29/GRE/76 and Annex III to ECE/TRANS/WP.29/GRE/77. 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 June 2017 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), 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.

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Supplement 20 to Regulation No. 50 (Position, stop, direction indicator lamps for mopeds and motorcycles)

Paragraph 6.8., amend 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 produce a signal which proceeds in a uniform progressive manner from inboard towards the outboard edge of the light emitting surface;
 - (c) It shall be one signal with no interruption and no vertical oscillations (e.g. not more than one change of direction along the vertical axis). The distance between two adjacent/tangential distinct parts of the light emitting surface of the sequential direction indicator shall not exceed 50mm, when measured perpendicularly to the reference axis, instead of the values defined in paragraph 5.6.2. of Regulation No. 53. These interruptions of the signal shall not create any overlap in the vertical axis between the different parts, from inboard towards the outboard of the vehicle, and shall not be used for any other lighting or light signalling functions;
 - (d) The variation shall finish no more than 200 ms after the beginning of the ON cycle;
 - (e) The orthogonal projection of the light emitting surfaces of the direction indicator in the direction of the axis of reference shall be circumscribed by a rectangle on a plane normal to the axis of reference and having 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 to the conditions mentioned above shall be verified in flashing mode."

Insert new paragraphs 14.3. to 14.5., to read:

- "14.3. As from the official date of entry into force of Supplement 20 to the original series of amendments, no Contracting Party applying this Regulation shall refuse to grant approval under this Regulation as amended by this Supplement.
- 14.4. As from 1 September 2018 Contracting Parties applying this Regulation shall grant approvals only if the type of direction indicator to be approved meets the requirements of this Regulation as amended by Supplement 20 to the original series of amendments.
- 14.5. Contracting Parties applying this Regulation shall not refuse to grant extensions of approval granted prior to the date of entry into force of Supplement 20 to the original series of amendments to this Regulation."