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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****Seventy-eighth session**

Geneva, 24-27 April 2018

Item 7 (d) of the provisional agenda

**Other Regulations:****Regulation No. 74 (Installation of lighting and light-signalling devices for mopeds)****Proposal for the 02 series of amendments to Regulation No. 74 (Installation of lighting and light-signalling devices for mopeds)****Submitted by the expert from the Netherlands \***

The text reproduced below was prepared by the expert from the Netherlands, with input by the experts from Finland and Italy, with the aim to require mandatory installation of direction indicators on mopeds. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

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\* 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, cluster 02.4), 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.



## I. Proposal

*Paragraph 4.2., amend to read:*

"4.2. An approval number shall be assigned to each type approved. Its first two digits (at present ~~01~~02 for the Regulation in its ~~01~~02 series of amendments) shall indicate the series of amendments incorporating the most recent major technical amendments made to the Regulation at the time of issue of the approval. The same Contracting Party shall not assign this number to another vehicle type or to the same vehicle type submitted with equipment not specified in the list referred to in paragraph 3.2.2. above, subject to the provisions of paragraph 7. of this Regulation. "

*Insert a new paragraph 5.14.8., to read:*

**"5.14.8. direction indicator lamps<sup>4</sup> (paragraph 6.8.) "**

*Insert a new footnote 4, to read:*

"<sup>4</sup> **Direction indicator lamps are mandatory on vehicles with a maximum design speed exceeding 25 km/h."**

*Paragraph 5.15.4., amend to read:*

"5.15.4. direction-indicator lamps<sup>5</sup> (paragraph 6.8.)

*Insert a new footnote 5, to read:*

"<sup>5</sup> **Direction indicator lamps are optional on vehicles with a maximum design speed not exceeding 25 km/h (output of auxiliary propulsion is cut off at a vehicle speed  $\leq$  25 km/h)."**

*The following footnotes, renumber accordingly.*

*Insert new paragraphs 12.4. to 12.9., to read:*

**"12.4. As from the official date of entry into force of the 02 series of amendments, no Contracting Party applying this UN Regulation shall refuse to grant or refuse to accept type approvals under this UN Regulation as amended by the 02 series of amendments.**

**12.5. As from [1 September 2022], Contracting Parties applying 02 series of amendments of this UN Regulation shall grant type approvals for the purpose of placing on their respective markets only if the vehicle type to be approved meets the requirements of this UN Regulation as amended by the 02 series of amendments.**

**12.6. As from [1 September 2022], Contracting Parties applying this UN Regulation, shall not be obliged to accept type-approvals, granted according to the series preceding 02 series of amendments, first issued after [1 September 2022].**

**12.7. Contracting Parties applying this UN Regulation shall continue to accept type-approvals, granted according to the series preceding 02 series of amendments to this UN Regulation, first issued before [1 September 2022].**

**12.8. Contracting Parties applying this UN Regulation shall not refuse to grant extensions of type-approvals, the latter first issued before [1**

September 2022], for existing types, which have been granted according to any series preceding 02 series of amendments to this UN Regulation.

- 12.9. Notwithstanding the transitional provisions above, Contracting Parties whose application of this UN Regulation comes into force after the date of entry into force of the 02 series of amendments are not obliged to accept type approvals which were granted in accordance with any of the series preceding 02 series of amendments to this UN Regulation. "

## II. Justification

1. The Netherlands would like to propose that the installation of direction indicator lamps becomes mandatory on mopeds, as they are already mandatory for many years on motorcycles, to enhance safety. In addition, most of today's mopeds appear to already be equipped with direction indicators.
  2. The increase of the use of fast moving mopeds on the regular road (instead of on dedicated cycle ways), in particular of the so-called "speed-pedelecs", has shown a growing need for direction indicators on such vehicles. In a recent study by the Institute for Road Safety Research in the Netherlands (SWOV) it was acknowledged that for the time being the "speed-pedelecs" do not have the same rear light configuration as most mopeds do.
  3. However, it is suggested to first consider the mandatory installation of direction indicators on mopeds with a maximum design speed exceeding 25 km/h. Thus leaving the installation of direction indicators optional on mopeds with a maximum design speed not exceeding 25 km/h, like e.g. certain electrically assisted bicycles (regular "e-bikes").
  4. To allow all stakeholders (government administrations, type-approval authorities, manufacturers, etc.) sufficient lead time, a transitional period of approximately 4 years is proposed.
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