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World Forum for Harmonization of Vehicle Regulations**Working Party on Lighting and Light-Signalling****Eighty-third session**

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Item 4 (b) of the provisional agenda

**Simplification of lighting and light-signalling UN Regulations:
UN Regulation No. 148 ((Light-signalling devices)****Proposal to correct the text of UN Regulation No. 148****Submitted by the Informal Working Group on Simplification of
Lighting and Light-Signalling Regulations***

The text reproduced below was prepared by the Informal Working Group on Simplification of Lighting and Light-Signalling Regulations (IWG SLR) with the aim to insert missing text and to correct errors inadvertently introduced in UN Regulation No. 148. The modifications to the existing text of UN Regulation No. 148 are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2020 as outlined in proposed programme budget for 2020 (A/74/6 (part V sect. 20) para 20.37), 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 4.6.1.4., amend to read:

“ 4.6.1.4. The requirements of paragraph 4.6.1.2. do not apply to direction indicator lamps. **Direction indicator lamps** of category 1, 1a, 1b, 2a, and 2b, ~~11, 11a, 11b, 11c and 12~~ that shall comply with the requirements of paragraph 5.6.3.”

Annex 3, paragraph 1.2., amend to read:

“1.2. Within the field of light distribution schematically shown as a grid, the light pattern should be substantially uniform, i.e. the light intensity in each direction of a part of the field formed by the grid lines shall meet at least the lowest minimum value being shown on the grid lines surrounding the questioned direction as a percentage.

However, in the case of reversing lamps, if visual examination of a lamp appears to reveal substantial local variations of intensity, a check shall be made to ensure that no intensity measured between two of the directions of measurement referred to above is below 50 per cent of the lower minimum intensity of the two prescribed for these directions of measurement.”

II. Justification

1. Paragraph 4.6.1.4., is updated to correctly reflect the existing text of UN Regulations on light-signalling. With Supplement 17 to the original series of amendments to UN Regulation No. 50, direction indicator lamps of categories 11 and 12 are no longer required to fulfill any n-1 failure requirements as stated in paragraph 7.5.1. of UN Regulation No. 50.

2. The updated text of Annex 3, paragraph 1.2., restores an extra requirement for reversing lamps that is missing in the original text of UN Regulation No. 148. This additional paragraph is taken from UN Regulation No. 23, Annex 3, paragraph 2.2.
