



Economic and Social Council

Distr.: General
5 February 2020
English
Original: English and Russian

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Eighty-third session

Geneva, 21-24 April 2020

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 an amendment to the 04, 05 and 06 series of amendments to UN Regulation No. 48 (Installation of lighting and light-signalling devices)

Submitted by the expert from the Russian Federation*

The text reproduced below was prepared by the expert from the Russian Federation in order to clarify the height requirements for the installation of the dipped-beam headlamp, reversing lamp and rear fog lamp for vehicles of category G (designed for off-road use). The modifications to the 04, 05 and 06 series of amendments to UN Regulation No. 48 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 6.2.4.2., amend to read:

"6.2.4.2. In height: not less than 500 mm and not more than 1,200 mm above the ground. For category **N₂G**, **N₃G**, **M₂G**, **M₃G** (off-road) vehicles the maximum height may be increased to 1,500 mm."

Paragraph 6.4.4.2., amend to read:

"6.4.4.2. In height: not less than 250 mm and not more than 1,200 mm above the ground. **For category N₂G, N₃G, M₂G, M₃G (off-road) vehicles the maximum height may be increased to 1,400 mm.**"

Paragraph 6.11.4.2., amend to read:

"6.11.4.2. In height: not less than 250 mm nor more than 1,000 mm above the ground. For rear fog lamps grouped with any rear lamp or for category **N₂G**, **N₃G**, **M₂G**, **M₃G** (off-road) vehicles, the maximum height may be increased to ~~1,200~~**1,400** mm."

II. Justification

1. The purpose of these proposals is to ensure reliable and safe operation of category G vehicles (off-road) on routes that include, inter alia, areas with difficult landscape. Vehicles intended, inter alia, for use in off-road conditions have increased longitudinal cross-country angles, ground clearance above the front and rear axle, departure and approach angles, and inter-axles ground clearance.

2. Deviations due to these design features of vehicles in the current versions of the UN Regulation were provided only for category N₃G vehicles. It is proposed to extend the deviations to the categories N₂G, M₂G, M₃G vehicles.
