

## Working Party on Lighting and Light-Signalling

### Eighty-seventh session

Geneva, 25–28 October 2022

Item 6 (a) of the provisional agenda

### Installation UN Regulations:

### UN Regulation No. 48 (Installation of Lighting and Light-Signalling Devices)

## Proposal for a new [09] series of amendments to UN Regulation No. 48

### I. Proposal

*Paragraph 6.18.4.3.*, amend to read:

“6.18.4.3.

In length: at least one side-marker lamp shall be fitted to the middle third of the vehicle, the foremost side-marker lamp being not further than 3 m (4 m for semi-trailers) from the front.

The distance between two adjacent side-marker lamps shall not exceed 3 m. If the structure, design or the operational use of the vehicle makes it impossible to comply with such a requirement, this distance may be increased to 4 m.

The distance between the rearmost side-marker lamp and the rear of the vehicle shall not exceed 1 m.

However, for vehicles the length of which does not exceed 6 m and for chassis-cabs it is sufficient to have one side-marker lamp fitted within the first third and/or within the last third of the vehicle length. For M1 vehicles the length of which exceeds 6 m but does not exceed 7 m it is sufficient to have one side-marker lamp fitted not further than 3 m from the front and one within the last third of the vehicle length.

**Where practicable optional side-marker lamps fitted on M1, N1, O1 and O2 vehicles shall be at least [1.5] m apart.**

*Paragraph 6.18.7.*, amend to read:

“6.18.7. Electrical connections

~~On M1 and N1 category vehicles less than 6 m in length, amber side marker lamps may be wired to flash, provided that this flashing is in phase and at the same frequency with the direction indicator lamps at the same side of the vehicle.~~

~~On M2, M3, N2, N3, O3 and O4 vehicles mandatory a~~Amber side marker lamps may flash **in phase and at the same frequency** ~~simultaneously~~ with the direction-indicator lamps on the same side of the vehicle. However, where there are direction indicator lamps of category 5 installed according to paragraph 6.5.3.1. on the side of the vehicle, these amber side marker lamps shall not flash.”

## **II. Justification**

1. The informal proposal introduces a requirement for minimum separation distance of optional side-marker lamps fitted to the sides of M1, N1, O1, and O2 vehicle to avoid the possible proliferation of flashing lamps fitted to smaller vehicles.
  2. The document is based on the formal document 2022/19 which intends to amend the requirements for flashing side-marker lamps.
  3. It is proposed that this will change will be introduced as part of the future 09 series of amendments of UNECE Regulation 48.
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