**SLR-46-08/Rev.1**

**Proposal for Supplement [x] to UN Regulation No. 150 (Retro-Reflective Devices)**

**Submitted by the Informal Working Group on Simplification of Lighting and Light-Signalling Regulations**.

The text reproduced below was prepared by the GRE Informal Working Group on Simplification of Lighting and Light-Signalling Regulations (IWG SLR) with the aim to
re-align the requirements of the UN Regulation No. 150 with those of the frozen UN Regulations No. 3, 27, 69, 70 and 104. The modifications to UN Regulation No. 150 are marked in bold for new or strikethrough for deleted characters.

 I. Proposal

*Paragraph 5.5.2.1.*, amend to read:

5.5.2.1. Five test samples representing planes of retro-reflective marking materials have to be submitted to the test laboratory. **In the case of stripes, at least a length of 3 meters shall be provided;** in case of planes, at least a surface of 500 mm x 500 mm shall be provided.

*Annex 1 Communication*, amend to read:

**9. Concise description:**

 **In isolation/part of an assembly of devices:2**

 **Colour of light emitted: white/red/amber:2**

 **Installation as an integral part of a lamp, which is integrated into the body of a vehicle: yes/no2**

 **Geometric conditions of installation and relating variations, if any:**

**Only for limited mounting height of equal to or less than 750 mm above the ground: yes/no2**

**10.** Position of the approval mark:

**11.** Reason(s) for extension (if applicable):

**12.** Approval granted/refused/extended/withdrawn:2

**13.** Place:

**14.** Date:

**15.** Signature:

**16.**  The following documents, bearing the approval number shown above,
are available on request:

*Annex 6*, amend to read:

1. Test procedure in the case of moulded plastics reflectors of retro-reflecting devices as Classes IA, IB, IIIA, IIIB, IVA, SMV**, ~~Marking plates of Classes 1, 2, 3, 4, 5,~~** and Advance warning triangle of type 1:

The retro-reflective device shall be kept for 48 consecutive hours in a dry atmosphere at a temperature of 65 °C ± 2 °C after which the sample shall be allowed to cool for 1 hour at 23 °C ± 2 ºC.

2. Test procedure in the case of use of flexible materials for Classes C, **D, E,** F, Marking plates of Classes 1, 2, 3, 4, 5and Advance warning triangle of type 2:

 II. Justification

* The following provisions are contained in UN Regulation Nos. 3 ,27 69,70 or 104 but unintentionally were not included in the text of the existing UN Regulation No. 150.
* Paragraph 5.5.2.1. : The test procedure for marking materials in case of stripes is defined in UN R104 and must be added.
* Annex 1 Communication Form : in the UN R3 the concise description of the retroreflector is required and must be added. Consequently the following points of the list must be renumbered.
* Annex 6, Paragraph 1 : For classes1 to 5, two test procedures (paragraph 1 and 2) are applied in R150. On the other hand, UN R70, Annex 9 does not specify the test procedure of paragraph 1 of R150. It is wrong to apply classes 1 to 5 to paragraph 1.
* Annex 6, Paragraph 1 : Classes D and E have not been applied this heat test. However, R104 Annex 8 doesn’t exclude Class D and E. Should Classes D and E also be applied.