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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****Eighty-first session**

Geneva, 15-18 April 2019

Item 4 of the provisional agenda

**Simplification of lighting and light-signalling UN Regulations****Proposal for Supplements to the new UN Regulation on light-signalling devices (LSD) and to the 06 series of amendments to UN Regulation No. 48****Submitted by the experts from France and Germany\***

The text reproduced below was prepared by the expert from France and Germany to allow under specified conditions the use of logos inside the illuminant surface of a signalling lamp. The proposal is a result of the discussion started at the seventy-eighth session of the Working Party on Lighting and Light-Signalling (GRE) with a survey of Contracting Parties and the presentation of the survey results at the eightieth session of GRE. The modifications to the current text of the UN Regulations 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 2018–2019 (ECE/TRANS/274, para. 123 and ECE/TRANS/2018/21/Add.1, cluster 3.1), 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

GE.19-01450(E)



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## **I. Proposal**

### **A. Proposal a Supplement to the UN LSD Regulation and to the 06 series of amendments to UN Regulation No. 48**

*Add a new paragraph 3.1.2.1. (g) to read:*

"...

- (g) **In the case of a lamp that may incorporate a Logo, the Logo.**

..."

*Add a new paragraph 3.1.2.2. (e) to read:*

"...

- (e) **In the case of a lamp that may incorporate a Logo, the confirmation that the Logo is related to the brand name of the vehicle manufacturer or body manufacturer by a statement.**

..."

*Add a new paragraph 4.5.6. to read:*

**"4.5.6. On request of the applicant, the internal structure of the optical components and/or the texture of the outer lens inside of the apparent surface of a lamp (function) may incorporate a Logo build by transparent or non transparent components provided that all requirements for the specific function of this Regulation are fulfilled and in addition the following conditions:**

- (a) **Only Logo of the brand name from vehicle manufacturer or body manufacturer is allowed. This shall be confirmed by the applicant by a statement (see paragraph 3.1.2.2. (e)).**
- (b) **Size: the enclosed light emitting surface of the logo (incorporating transparent or non transparent components of the Logo) of such a lamp in the direction of the reference axis shall not exceed 100 cm<sup>2</sup>.**
- (c) **Symmetry: notwithstanding the requirements of paragraph 5.5.2. of UN Regulation No. 48, the logo light emitting surface does not have to be symmetrical by itself.**
- (d) **In the case of S3/S4 (not pair) such lamps should not have unsymmetrical shapes even interior structure.**
- (e) **A lamp in a shape of a band cannot incorporate a logo.**

..."

### **B. Proposal a Supplement to the 06 series of amendments to UN Regulation No. 48**

*Add a new paragraph 5.5.5. to read:*

**"5.5.5. In case of lamps incorporating a logo, only two can be fitted on the rear of the vehicle (or two on the front), only one on each side."**

## **II. Justification**

1. In the recent years, some lamps have been approved with apparent surfaces that could have evocative/suggestive/figurative shape. At the seventy-eighth session of GRE, the experts from France and Germany raised questions on this issue (GRE-78-03). Following the discussion, a questionnaire was prepared and sent to all Contracting Parties. The results were presented at the eightieth session of GRE (GRE 80-28).

2. Following principles had been discussed with the aim to create a simple compromise solution for allowed logos:

- Logo shall be type-approved as being part of a current existing signalling function (i.e. front position lamp, rear position lamp).
- Location of logo: at the front or at the rear of vehicle.
- Number of logos:
  - 2 logos at the rear with only 1 on each side, and 2 logos at the front with only 1 on each side;
  - no central logo considering unexpected distractions lighting issues. (new requirements for a minimum distance between the both front/rear position lamps to discuss?).
- Size: maximum light-emitting surface of logo: less than [100 mm] in diameter, so that to avoid being considered as lighting advertisement (considering the national laws).
- Only the logo of the vehicle manufacturer (included the manufacturer in a multistage vehicle type approval) is allowed.
- Logos of equipment suppliers are not allowed.
- Symmetry:
  - only symmetrical logos are allowed, except (for any distortion of competition reason) if incorporated in a symmetrical shape, and if light-emitting surface of logo is less than [100mm] diameter;
  - logo incorporating words/lettering are not allowed, except (for any distortion of competition reason) if a word is incorporated in a symmetrical shape (i.e. Ford or Fiat), and if the light-emitting surface of the logo is less than [100 mm] in diameter.

3. The "Logo"-specifications made in the proposal should reduce intentional and increased attention of other road users to an acceptable level. Their distraction should be avoided as much as possible.

4. Based on the outcome of discussions, draft amendments to the UN LSD Regulation and Regulation No. 48 are now presented in this proposal.