

Submitted by the experts from France and Germany

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agenda items 4 (b) and 6 (a)

Revised version of ECE/TRANS/WP.29/GRE/2020/5

This document includes the amendments that have been agreed by GRE on 21 October 2020.

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 4 (b) of the provisional agenda

Simplification of lighting and light-signalling UN Regulations:

UN Regulation No. 149 (Light-signaling devices)

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 Supplements to UN Regulation No. 148 and to the 06 series of amendments to UN Regulation No. 48

Submitted by the expert from France and Germany*

This document is a revised proposal that allows the use of manufacturer logos inside the illuminant surface of a signalling lamp. It is based on ECE/TRANS/WP.29/GRE/2019/28 and Informal document GRE-82-32 and integrates additional comments made at the eighty-second session of the Working Party on Lighting and Light-Signalling (GRE). The changes to GRE-82-32 are marked in bold.

* 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

A. Proposal for a Supplement to UN Regulation No. 148

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

"3.1.2.1. ...

- (g) In the case of a lamp that may incorporate a manufacturer logo, the manufacturer logo.

..."

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

"3.1.2.2. ...

- (e) In the case of a lamp that may incorporate a manufacturer logo, the confirmation that the manufacturer 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 only one manufacturer 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) Irrespective of the marking requirements in paragraph 3.3., only the logo of the brand name of the vehicle manufacturer or the 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 **and** non transparent components of the logo) of such a lamp in the direction of the reference axis shall not exceed 100 cm².
- (c) Symmetry: notwithstanding the requirements of paragraph 5.5.2. of UN Regulation No. 48, the logo light emitting surface (**incorporating transparent and non transparent components of the logo**) does not have to be symmetrical by itself.
- (d) Stop lamps, direction indicator lamps, **and** reversing lamps ~~and manoeuvring lamps~~ shall not incorporate a logo.

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

Add a new paragraph 2.1.7. to read:

"2.1.7. "Manufacturer logo" means a graphic mark, emblem, word, or a combination of those elements, used to aid and promote public identification and recognition of a manufacturer's brand name.

Add a new paragraph 5.5.5. to read:

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

Add a new paragraph 5.30.1. to read:

"5.30.1. Especially in case of light-signalling lamps incorporating a manufacturer logo, the lamp shall be type approved according to the requirements of the UN regulation No 148."

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). A formal proposal (ECE/TRANS/WP.29/GRE/2019/6) was submitted by the experts from France and Germany at the eighty-first session of GRE. At the eighty-second session of GRE, France and Germany presented a new working document (ECE/TRANS/WP.29/GRE/2019/28) and an informal document amending it (GRE-82-32). This revised proposal is in accordance with the comments received at that session of GRE and takes on board some of the changes proposed in informal documents GRE-82-20 and GRE-82-36.

2. The following principles were discussed with the aim to create a simple compromise solution for allowed logos:

- The definition of a manufacturer logo is added.
- 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.
- Logo shall be type approved as being part of the current existing signalling function (i.e. front position lamp, rear position lamp). This means that it is also possible to locate it in a band complying with the requirements of UN Regulation No. 48.
- Location of logo: at the front or at the rear of vehicle.
- Number of logos: in case of lamps incorporating a logo, only two lateral logos (one on each side) or one central logo can be fitted on the rear and on the front of the vehicle.
- Size: maximum light-emitting surface of logo: less than 100 cm², so that to avoid being considered as lighting advertisement (considering the current existing national laws).
- Symmetry: the logo light emitting surface does not have to be symmetrical by itself, considering that the maximum size is smaller than 100 cm².

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. This is the reason why the stop lamps (even for S1/S2 lamps), direction indicator lamps and reversing lamps should not incorporate a logo for evident safety reasons, as those signals require immediate reactions from others road users and should create no distraction.

4. Based on the outcome of previous discussions, revised draft amendments to UN Regulations Nos. 148 and 48 are now presented in this proposal.
