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Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations**Working Party on Lighting and Light-Signalling****Sixty-sixth session**

Geneva, 4–6 October 2011

Item 5(f) of the provisional agenda

Collective amendments - Regulations Nos. 23 and 48**Proposal for [07] series of amendments to Regulation No. 48
(Installation of lighting and light-signalling devices)****Submitted by the Chair of the task force on courtesy lamp of the
Working Party on Lighting and Light-Signalling***

The text reproduced below was prepared by the experts of the task force on "Courtesy Lamps" of the Working Party on Lighting and Light-Signalling (GRE), to cover the installation of approved exterior courtesy lamps according to Regulation No. 48, as agreed during the sixty-fifth session of GRE (see ECE/TRANS/WP.29/GRE/65 para. 21.). The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106, ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

** This document was submitted after the due date owing to the timing of the regional workshop.

I. Proposal

Paragraph 4.2., amend to read:

"4.2. An approval number shall be assigned to each type approved. Its first two digits (at present [07], corresponding to the [07] series of amendments) shall indicate the series ..."

Paragraphs 6.24. to 6.24.3., amend to read:

"6.24. Exterior courtesy lamp (**Regulation No. 48**)

6.24.1. Presence

Optional on motor vehicles

6.24.2. Number

Two, however further exterior courtesy lamps to illuminate steps and/or door handles are permitted. Each door or step shall be illuminated by not more than one lamp.

6.24.3. Arrangement

No special requirement, **however the requirements of paragraph 6.24.9.3. apply"**

Paragraphs 6.24.9. and 6.24.9.1., amend to read:

"6.24.9. Other requirements

6.24.9.1. The exterior courtesy lamp shall not be activated unless the vehicle is stationary and one or more of the following conditions is satisfied:

(a) The engine ...

..."

Insert new paragraphs 6.24.9.2. and 6.24.9.3., to read:

"6.24.9.2. Approved lamps emitting white light with the exception of main beam head lamps, day time running lamps and reversing lamps may be activated as courtesy lamp function. They may also be activated together with the exterior courtesy lamps and the condition of paragraphs 5.11. and 5.12. above may not apply.

6.24.9.3. The technical service shall, to the satisfaction of the authority responsible for type-approval, perform a visual test to verify that there is no direct visibility of the apparent surface of these lamps, if viewed by an observer moving on the boundary of a zone on a transverse plane 10 m from the front of the vehicle, a transverse plane 10 m from the rear of the vehicle, and two longitudinal planes 10 m from each side of the vehicle; these four planes to extend from 1 m to 3 m above and parallel to the ground as shown in Annex 13.

At the request of the applicant and with the consent of the Technical Service this requirement may be verified by a drawing or simulation."

Insert new paragraphs 12.30. and 12.31., to read:

"12.30. Contracting Parties applying this Regulation shall continue to grant approvals to those types of vehicles which comply with the requirements

of this Regulation as amended by the preceding series of amendments during the 60 months' period which follows the date of entry into force of the 06 series of amendments. Existing approvals under this Regulation granted before this date will remain valid indefinitely and extensions of these approvals shall continue to be granted after.

- 12.31. No Contracting Party applying this Regulation shall refuse national or regional type approval of a vehicle type approved to the 06 series of amendments to this Regulation."

Annex 1, insert a new paragraph 9.27. (renumber 9.27. and 9.28. as 9.28. and 9.29.), to read:

"Annex 1

Communication

...

9.27. Exterior courtesy lams: yes/no^{1/}

..."

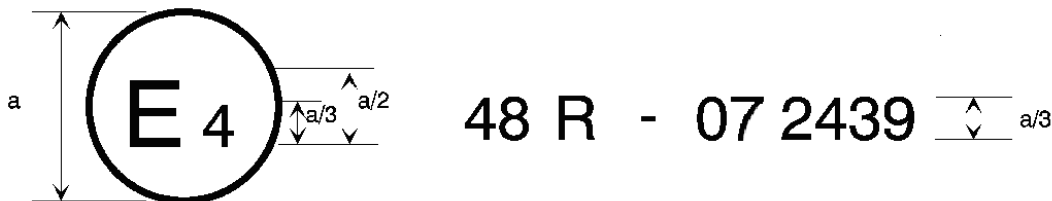
Annex 2, amend to read:

"Annex 2

Arrangements of approval marks

Model A

(See paragraph 4.4. of this Regulation)

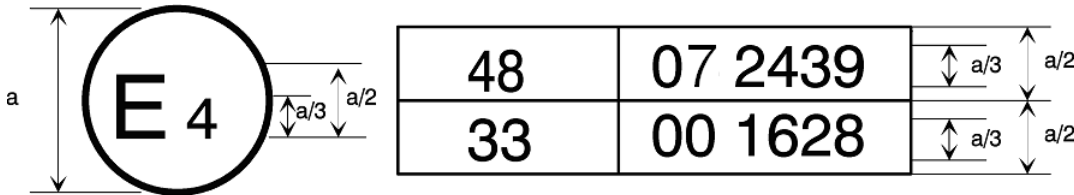


$a = 8 \text{ mm min.}$

The above ... Regulation No. 48 as amended by the [07] series of amendments. The approval number indicates that the approval was granted in accordance with the requirements of Regulation No. 48 as amended by the [07] series of amendments.

Model B

(See paragraph 4.5. of this Regulation)



a = 8 mm min.

The above ... Regulation No. 48 as amended by the [07] series of amendments and Regulation No. 33.^{1/} The approval number indicates that, at the dates when the respective approvals were given, Regulation No. 48 was amended by the [07] series of amendments and Regulation No. 33 was still in its original form."

Annex 13, amend to read:

"Annex 13*

Observing area towards the apparent surface of manoeuvring and courtesy lamps

..."

II. Justification

1. To avoid misuse of so called exterior courtesy lamps, the experts from the Netherlands, Germany and the United Kingdom of Great Britain and Northern Ireland requested more stringent requirements for these lamps.
2. This proposal was developed by the Task Force on exterior courtesy lamps and manoeuvring lamps and was submitted to GRE by the Chair of the Task Force. It is based on the discussion of GRE on ECE/TRANS/WP.29/GRE/2011/30 and GRE-65-25 at its sixty-fifth session.
3. The provisions ensuring that there is no disturbance to road users have been revised along the lines of paragraph 5.10. to define restricted zones 10 m from the vehicle in all four directions and at a given range of height above the ground. This provision also shall be valid for manoeuvring lamps. The possibility of using a drawing or simulation has been introduced for more flexibility in testing.
4. The ideas of OICA have been taken on board as far as the aim to avoid misuse was not affected.
5. The possibility to use already approved lamps for the courtesy lamp function is introduced by this proposal. But the number of lamps must be limited on the demand of governmental representatives. Automatic deactivation after a short period of time, e.g. one

* Note by the secretariat: New Annex 13 is introduced by ECE/TRANS/WP.29/GRE/2011/59

minute can not be accepted as alternative to the non-visibility of the apparent surface of the exterior courtesy lamps.

6. Transitional provisions have been added at the request of OICA to enable the use of exterior courtesy lamps of current design for a certain period.
