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Item 5 of the provisional agenda

Regulation No. 46 (Devices for indirect vision)**Proposal for amendments to
ECE/TRANS/WP.29/GRSG/2011/23****Submitted by the expert from the European Association of Automotive
Suppliers ***

The text reproduced below was prepared by the expert from European Association of Automotive Suppliers (CLEPA) to improve the provisions on camera-monitor systems (ECE/TRANS/WP.29/GRSG/2011/23) enabling the replacement of all mirrors by camera-monitor systems. This document is based on informal document GRSG-101-03 submitted by the expert from CLEPA. The modifications to the proposed text of ECE/TRANS/WP.29/GRSG/2011/23 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 and ECE/TRANS/2010/8, programme activity 02.4), 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

Table of contents, amend to read:

".....

Annex 10 – Calculation of the detection distance

Annex 11 - Model of certificate of conformity"

Paragraph 2.5., shall be deleted:

~~"2.5. "Original camera monitor device for indirect vision" means a camera monitor device of the type fitted to the vehicle at the time of type approval or extension of type approval."~~

Paragraph 4.4., amend to read:

"4.2. Every device for indirect vision, ~~with the exception of original Camera monitor devices,~~ shall possess on at least one of the main components ~~its protective housing~~ a space large enough to accommodate the approval mark, which ~~must~~ shall be legible when the device has been mounted on the vehicle; this space shall be shown on the drawings referred to in Annex 1. Other components of the device shall bear the name of the manufacturer and a means of identification. In case of limited space for the approval mark(s), other means of identification that link it to the approval number mark shall be provided."

Paragraph 5.4., amend to read:

"5.4. There shall be affixed on at least one of the main components, conspicuously and in the space referred to in paragraph 4.2. above, to every device for indirect vision, ~~with the exception of original Camera monitor devices for indirect vision,~~ conforming to a type approved under this Regulation, in addition to the mark prescribed in paragraph 4.1., an international approval mark consisting of:"

Insert a new paragraph 5.7., to read:

"5.7. **As an alternative to the approval mark described in paragraph 5.4. above, a certificate of conformity shall be issued for device for indirect vision offered for sale.**

When a device for indirect vision manufacturer supplies an approved unmarked system to a vehicle manufacturer, for fitment by that manufacturer as original equipment for a vehicle model or range of vehicle models, the device for indirect vision manufacturer shall supply a number of copies of the certificate of conformity to the vehicle manufacturer, sufficient for that manufacturer to obtain the vehicle approval to Part II of this Regulation.

If the device for indirect vision is made up of separate components, its main component(s) shall bear a reference mark and the certificate of conformity shall provide a list of such reference marks.

A model of the certificate of conformity is given in Annex 11 to this Regulation."

Add a new Annex 11, to read:

"Annex 11

MODEL OF CERTIFICATE OF CONFORMITY

I the undersigned
(family name and name)

Testify that the device for indirect vision described below:

Make:

Type:

is in total conformity with the type approved

at on
(place of approval) (date)

as described in the communication form bearing approval No.

Identification of the main component(s):

Component: Marking:

Done at: on:

Manufacturer's full address and stamp:

Signature: (please specify official occupation)"

II. Justification

1. Part I of Regulation No. 46 is a component regulation and Part II prescribes the installation of approved components. Requirements for original equipment and replacement equipment should be identical.

2. CLEPA proposes to use the wording of Regulation No. 116 (Vehicle alarm system and immobilizers) to cover the cases where the approval mark may not visible after installation of the component in the vehicle.
