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**Economic Commission for Europe****Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on General Safety Provisions****107<sup>th</sup> session**

Geneva, 30 September–3 October 2014

Item 2(a) of the provisional agenda

**Regulation No. 107 (M<sub>2</sub> and M<sub>3</sub> vehicles) –****Proposals for further amendments****Proposal for amendments to the 05 and 06 series of amendments to Regulation No. 107 (M<sub>2</sub> and M<sub>3</sub> vehicles)****Submitted by the expert from the International Organization of Motor Vehicle Manufacturers<sup>\*</sup>**

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA) introducing transitional provisions connected to the provisions for high temperature detection in the Regulation. The modifications to the current text of Regulation No. 107 are marked in bold for new characters.

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\* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, 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.

## I. Proposal

*Insert new paragraphs 10.13. to 10.16., to read:*

- "10.13. As from the official date of entry into force of the 07 series of amendments, no Contracting Party applying this Regulation shall refuse to grant or refuse to accept type approvals under this Regulation as amended by the 07 series of amendments.
- 10.14. As from [1 September 2016], Contracting Parties applying this Regulation shall grant type approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by the 07 series of amendments.
- 10.15. Contracting Parties applying this Regulation shall not refuse to grant extensions of type approvals for existing vehicle types which have been granted according to the preceding series of amendments to this Regulation.
- 10.16. Contracting Parties applying this Regulation shall continue to accept type approvals to the preceding series of amendments to the Regulation."

*Annex 3, paragraph 7.5.1.5., amend to read:*

- "7.5.1.5. In the case of vehicles having the engine located to the rear of the driver's compartment, the compartment shall be equipped with an alarm system providing the driver with both an acoustic and a visual signal **and activating the hazard warning lights** in the event of excess temperature in the engine compartment and in each compartment where a combustion heater is located.

*Annex 3, paragraph 7.5.6.2., amend to read:*

- "7.5.6.2. Upon detection, the system given in paragraph 7.5.6.1. shall provide the driver with both an acoustic and a visual signal in the driver's compartment **and shall activate the hazard warning lights.**"

## II. Justification

1. The newly introduced systems to detect excessive temperatures and/or smoke shall enable the driver to act immediately to ensure the safety of the passengers. It is considered necessary to provide other traffic participants surrounding the vehicle with the same possibility for immediate action, such as braking or, in other way, increasing the distance to the bus or coach in a potentially hazardous situation. Therefore the hazard warning lights shall be activated.
2. This document proposes to introduce the necessary requirements. As Regulation No. 48 currently does not allow for automatic activation of the hazard warning lights due to the fire detection system, this subject needs to be discussed in the Working Party on Lighting and Light-Signalling (GRE).
3. At the, 106<sup>th</sup> session of the Working Party on General Safety Provisions (GRSG), OICA committed to produce draft transitional provisions for permitting the automotive industry to adapt their production (see ECE/TRANS/WP.29/GRSG/85, para. 7.). A transitional period of one year was requested, for new vehicle types only.

4. The Working Party on General Safety Provisions (GRSG) agreed, at the same session, to include the provisions for hazard warning lights activation in a package of supplements to the 05 and 06 Series of amendments to the regulation. But introducing the above transitional provisions in the package of supplements would affect the application of all the provisions included in the package. This is why OICA proposes to extract those provisions from the package and to create a new series of amendments with proper transitional provisions.

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