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Working Party on Lighting and Light-Signalling

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Item 4 (b) (i) of the provisional agenda

1958 Agreement - Regulations

Regulations No. 48 (Installation of lighting and light-signalling devices) –

Proposal for amendments to the 04, 05 and 06 series of amendments

Proposal for Supplements to the 04, 05 and 06 series of amendments to Regulation No. 48 (Installation of lighting and light-signalling devices)

Submitted by the expert from Germany*

The text reproduced below was prepared by the expert from Germany. The modifications to the existing text of the Regulation are marked in bold for new and strikethrough for deleted characters.

* 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 a new paragraph 6.6.7.4., to read:

"6.6.7.4. On vehicles of categories M₂ and M₃ vehicles the hazard warning signal shall be activated automatically in the event of the detection of excess temperatures or of smoke in the engine compartment, in each compartment where a combustion heater is located, in toilet compartments, in driver's sleeping compartments and in other separate compartments as defined in Regulation No. 107.

A device to manually turn "off" the hazard warning signal shall be provided."

II. Justification

1. The Working Party on General Safety Provisions (GRSG) adopted a proposal for amendment to Regulation No. 107 introducing the automatic activation of the hazard warning lights upon detection of excess temperatures in the engine and/or the heater compartment. WP.29 and AC.1 should consider draft Supplement 3 to the 05 series of amendments and as draft Supplement 2 to the 06 series of amendments to Regulation No. 107 at their March 2015 sessions. WP.29 should adopt these amendments together with a parallel amendment to Regulation No. 48.

2. The amendments to Regulation No. 107 are as follows:

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 signal 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 signal."

3. This document amends the requirements in Regulation No. 48 for the hazard warning signal electrical connections.