

Transmitted by the experts from France,  
Germany, Norway and Sweden

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agenda item 18.6)

Fire Safety: Priorities of the joint action of France, Germany, Norway and Sweden, to amend  
Regulation No. 107 and Regulation No.118 to enhance fire safety in vehicles of categories M2  
and M3

Norway, Sweden, France and Germany agreed to combine their efforts to further develop the requirements that deal with fire safety in vehicles of categories M2 and M3 and committed themselves accordingly.

Following the adoption of ECE-TRANS-WP29-2009-104 to amend Regulation No. 107 to require fire detection systems in the engine compartment and the separate heating compartment as well as the adoption of document ECE-TRANS-WP29-2010-42 to amend Regulation No. 118 to cover electrical cables and insulation materials, France, Germany, Norway and Sweden see the need to further work on the issue of fire safety in vehicles of categories M2 and M3.

The open issues with regard to buses and coaches should be discussed according to the following prioritisation:

1. New requirements for smoke/fire detection systems in separate compartments, e.g. toilets, driver's sleeping compartment
2. New requirements on fire suppression systems in the engine compartment and separate heating compartment
3. Further initiative to amend Regulation No. 118 in respect of materials used in the interior compartment

Systems according to items 1. and 2. are already available on the market and are fitted on a voluntary basis by manufacturers and/or operators. Minimum requirements should be defined to ensure a harmonised safety standard. France, Germany, Norway and Sweden will table a proposal to amend Regulation No. 107 and to add requirements for the systems mentioned above.

The further work on item 3. regarding the requirements on materials used in the interior compartment should involve the results of the research conducted by France, Germany, Norway and Sweden on the burning behaviour of materials used in the interior of vehicles of categories M2 and M3. France, Germany, Norway and Sweden have submitted a proposal for the 98<sup>th</sup> session of GRSG to amend Regulation No.118 to adapt the it to technical progress.

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