

**Agenda for 5<sup>th</sup> meeting of the informal group on  
“Behaviour of M2 & M3 general construction in case of Fire  
Event (BMFE)”**

(<https://wiki.unece.org/display/trans/GRSG-BMFE-05>)

Date:	<b>Start</b>	<b>November 27</b>	<b>09:00 am</b>
	<b>End</b>	<b>November 28</b>	<b>01:00 pm</b>
Venue:	<b>Campus Sur of the Universidad Politécnica de Madrid University Institute of Automobile Research (INSIA) Side service road of carretera de Valencia (A3) km. 7</b>		

1. Welcome and Roll call
2. Adoption of the agenda (BMFE-05-01e)
3. Validation of the minutes of the last meeting (BMFE-04-10)
4. General outcomes of the intermediate skype meeting and validation of the minutes (email dated 30 October 2018)
5. Accidentology & statistics : inputs from experts  
Volvo / S / RISE are expected to provide relevant data on accidents in their respective territories, such that the group can develop a scheme of the major trends about the origin of the fires
6. Regulation No.118 (Day 1 am)
  - 6.1. Toxicity: assessment of behaviour of current R118-approved materials with regard to smokes toxicity under currently applied protocols - **TASK-FORCE 1** (CREPIM)
  - 6.2. Analysis of other transport modes: justifications for pass/fail limits (evacuation time, toxicity, flammability, ...) - **TASK-FORCE 2** (CLEPA/ CREPIM)
  - 6.3. Influence of adhesive agent (IDIADA)
  - 6.4. Development of a simplified method for testing the toxicity and smoke development during fire of interior materials used in buses and coaches. (GER)
7. Regulation No.107 (Day 1 pm + Day 2 am)
  - 7.1. Simulation and experiment: literature review (Plastics Europe / Volvo)
  - 7.2. Full scale test:
    - 7.2.1. Generic context for test setup (Aguila)
    - 7.2.2. Vehicle availability
    - 7.2.3. Measurement / Instrumentation

7.3. Evacuation time : outcome of researches

Sweden is expected to provide data on evacuation time dating from 2000's.

7.4. Outcomes of research on the time needed to break windows (RISE)

7.5. Automated emergency exit

OICA is expected to provide a draft text on automation of emergency exits.

7.6. Combination of fire detection and fire suppression warnings

7.6.1 OICA is expected to provide a draft text on combination of fire detection and fire suppression warnings to the driver.

7.6.2. OICA is expected to provide data and draft wording on the minimal performance level for fire detection systems

7.7. ISO standard

The chair is expected to provide information on the possibility to use the ISO standards (ISO 5659-2 and ISO 5659-2 + FTIR).

7.8. Safety instructions

The Chair, F and the Secretary are expected to provide their contributions on:

- summarizing the arguments exchanged on safety instructions
- elaborating one or more proposals

7.9. Optimization of luminous trajectories and functionalities (flashing lights for ex.)

7.10. Smokes extraction systems (document base : BMFE-04-03)

8. Next steps

9. Next meetings

9.1. 6<sup>th</sup> meeting (TBD)

9.2. 7<sup>th</sup> meeting (TBD)

10. A.O.B.

PLEASE CONFIRM YOUR ATTENDANCE before November 15<sup>th</sup>  
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