

DRAFT AGENDA

6th meeting of GRRF/IG on Modular Vehicle Combinations MVC

Venue: CLEPA offices
European Association of Automotive Suppliers
87/01 Boulevard Brand WHITLOCK
BE-1200 BRUSSELS
Belgium

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Chairman: Anders Gunneriusson (SE)

Secretariat: Pierre Teyssier/Olivier Fontaine (OICA)

Dates: 2-3 March 2016, starting at 10:30 am the 1st day, finishing at 4:00 pm the last day

1. Welcome and Introduction

2. Approval of the agenda

3. Approval of the minutes of last meeting

Document: MVC-05-06 (Chair)

4. Items for discussion (Review of document MVC-02-03-Rev3):

4.1. General:

4.2. Braking

4.2.1. Communication between vehicles:

Conclusion of MVC-05:

- There must be an electronic control line in every towing vehicle/trailer (tbd) in a MVC.
- Industry to prepare a presentation on p2p communication, routing, repeating, etc. and special requirements for towing trailers (PT and CA as pilots).
- Draft text amending UN R13,
 - o from 11992, for a routing function for towing trailer (requirement to transmit forward and backward) (SM and CA as pilots)
 - o in which conditions a repeater is requested. (SM and CA as pilots)

4.2.3. Power supply dimensioning:

Conclusion of MVC-05:

- CLEPA to collect real-world data on the levels of electricity consumers (how many amps necessary for one average trailer).
- Volvo to investigate internally (seems to be 25 Amps available to the trailer)

4.2.4. Braking performance of Dolly

- Type 0 requirements (value of deceleration)

Conclusion of MVC-05:

- All to read in details the Eindhoven study.
- Group in favour of 50% braking on the dolly
- Rate to be confirmed at MVC-06

- compatibility bands for dollies

Conclusion of MVC-05:

The group decided to postpone to the next meeting the decision this item (central axle trailer vs. tractor/semi-trailer combination).

4.3. Coupling issues

4.3.1. Remote indication: GRRF accepted chassis side remote indication

4.3.2. Outcome of discussion on documents GRRF-81-05, and 06 at GRRF-81 (February 2016)

Input expected from M. Svensson

4.4. Steering

4.4.1. Steered axle on a dolly

Input expected from M. Adam

4.4.2. Steering table

Conclusion of MVC-05:

- Need for more information
- Informal group to clarify the kind of requirement relevant for this item:
 - o should such dollies be covered by UN R79?
 - o if yes: how? Locked/unlocked, with which load, which vehicles behind?

4.5. Miscellaneous

5. Review of document MVC-01-06e (GRRF-66-08 – Amended)

Continue the revision of the document further from paragraph 5.2.1.28.1.

6. Other business

Stability system for trailer with more than 3 axles

7. Date and place of next meetings

MVC-06: 2-3 March 2016 at CLEPA starting at 10:30 am

MVC-07: TBD (conflict with ACSF-06)