

Submitted by the expert from Sweden,
Chair of the IWG on MVC

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Agenda item 8 (b)

**Report on the progress of the
Informal Working Group on Modular Vehicle Combinations (MVC)**

The group has been on hold because many of its experts were involved in other activities of higher priority, mainly the work on Automatically Commanded Steering Functions (ACSF) under UN Regulation No. 79.

Some members of the group have announced that they are now available. They consider the finalization of the work important and feasible.

These are some of the remaining issues:

- Compatibility bands (e.g. for dollies) is the main issue:
- Router: main principles looks to be agreed; a draft proposal exists; work to be completed
- Messages between vehicles: define what is mandatory / optional, upstream and downstream; no major issue but detailed work is needed
- Power supply dimensioning: item to be reviewed; some data and analysis are needed to check whether there is a need to regulate
- Warning to driver: for safety, no need to identify which trailer fails or intervenes, yet could there be an interest to regulate further (e.g. for standardization purpose)
- EVSC for dollies
- Electric control line mandatory: looks wise for all vehicles involved in an MVC

GRVA and the members of the IWG may consider:

1. Is there now interest in restarting the work?
 2. Can the group agree on a date for the next meeting and should a document be prepared for GRVA-02?
 3. The mandate is prolonged until the end of 2019. Will that be enough?
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