

Report from the informal working group on Modular Vehicle Combinations (MVC)

GRRF agreed at its 77th session to establish an informal working group dedicated to Modular Vehicle Combination. The purpose of the working group is to enable the type approval of vehicles that are being combined into Modular Vehicle Combinations or combinations consisting of towing vehicle and multiple trailers.

Four meetings of the informal working group have taken place to date. .

This last meeting was held in Oslo.

Industry was represented by vehicle manufacturers, component manufacturers and organisations, Contracting Parties from Nordic countries and the Netherlands were also present.

The purpose of this fourth meeting was to review the situation in different countries and to continue the detailed revision of the working document MVC-02-03-Rev1, which describes all the technical items to be solved, and the progress of the informal group in their resolution.

The outstanding issues are as follows:

- a) General:
 - i. First priority is on rigid drawbar dollies. Hinged dollies are kept in the scope, yet with a lower
 - ii. Introduction of a definition of a dolly into the text of the regulation
- b) Braking:
 - i. Electric and pneumatic control lines: item closed
 - ii. Communication between vehicles: technical principle of a point-to-point ISO 11992 connection between two successive vehicles in the combination still to be confirmed
 - iii. Power supply dimensioning: Current text of the regulation is deemed to be sufficient.
 - iv. Parking brake: Agreement that the 12% slope requirement shall apply to all type of combinations (incl. MVC)
 - v. Warning to driver: agreement that the warning does not have to indicate which trailer fails
 - vi. Brake performance for dollies: item under revision
- c) Stability: good progress; proposals for solutions to be confirmed
- d) Coupling: item to be further discussed
- e) Steering: item to be further discussed

More detailed information is available in the UNECE webpage dedicated to the informal group.

For the next meeting we plan to have further discussions on these issues. Next meeting is scheduled for the 26th and 27th of October this year.
