 ACV-09-06

Report of 9th meeting of the GRRF/IG on

Automated Connections between Vehicles (ACV)

Venue: Agoria, Diamant Building, Auguste Reyerslaan 80, 1030 Brussels

Chairman: Anders Gunneriusson (anders.gunneriusson@transportstyrelsen.se)

Secretariat: Annie Luchie (annie.luchie@agoria.be)

Date and time of the session : 22nd and 23rd August 2012

10:30 hrs until 18:00 hrs on day 1

9:00 hrs until 17:00 hrs on day 2

1. **Welcome and Introduction**

The Chairman welcomed everyone to the meeting. Messrs Guichard and Manz introduced themselves as they did not meet at the previous meeting.

1. **Approval of the agenda**

The agenda was approved, no additional points were added.

1. **Outcome of the 8th meeting of the GRRF/IG on ACV**

The group decided to re-formulate part of point 4 of the report of the previous meeting. After discussion, two lines were struck through. For the revised report see document ACV-08-08 Rev 1.

1. **Outcome of the discussion in OICA/CLEPA regarding standardization or not**

There has been no outcome from the OICA/Clepa discussions since the last meeting of this working group, there has only been a consultation via email.

This group has become aware of current discussions within Clepa but this group has not received any results from these discussions.

The group discussed the purpose of the work of this group.

In meeting GRRF-67 Sweden consulted GRRF as to how to proceed with working on ACS. There were two options, waiting for a standard or go ahead now with the work. The chairman at that time proposed to start the work instead of waiting. Sweden were also advised to extract the relevant technical requirement from ISO:7638 and build on that instead of setting up new requirements or waiting for a new standard, in order to not become design restrictive. This concept led to the Terms of Reference presented at GRRF-68. This group has followed the lines of these ToR since. It is seeking harmonization not as in standards but as in having a harmonized regulation rather than having to work by giving nationalexemptions.

The group suggested to the Chairman to report in his report to GRRF the points that have been raised in this group regarding a standardized interface. In the opinion of this group a standardized interface if not possible at this point in time because :

* There exists only a draft standard for tractors and semi-trailers
* There is nothing for trucks and full trailers or for single axle trailers (drawbar couplings)
* Now the draft is a DIS after that it becomes a F-DIS so it may be published in early 2014 providing everything is positive
* There is no confidence as to whether this standard can be mandated as there have been no field trials. So it is wise to wait until the first ISO review in 2019/2020.
* The ideal solution can therefore be many years in the future
* The pro’s of an ISO standard : interoperability
* The con’s of an ISO standard : it is design restrictive

ISO 13044 – part 1 was published in May 2012 but this does not help us. If we do not continue the work of this group then we restrict innovation. Waiting would also give us one system for one application.

The group asks the Chairman to send his report to Geneva in the form of an informal document.

1. **ACV in R13**

Under this agenda item document ACV-08-06 was worked on. For the outcome of the discussions see document ACV-09-04.

1. **ACV in R55**

A document from this group was drafted for sending to the GRRF/IG on R55. See document ACV-09-05 for the outcome of the discussions.

1. **Road trains and vehicle combinations**

Clepa submitted GRRF-66-08 on road trains and vehicle combinations. The discussion on this document is mentioned in the GRRF report under item 23. The group decided that in phase 2 of the work of this group, the group could build further on the Clepa document.

It is to be treated in this context : braking, steering, couplings and vehicle stability. This group will give a hint to GRE to look at lighting for these combinations.

After the next GRRF, all GRRF participants will be informed of phase 2 of the work of this group and will be invited to participate in the work.

1. **Other Business**

No further points were discussed under this agenda item.

1. **List of action items**

There were action items for the Chairman and the Secretary only.

1. **Date and place of next meetings.**

The next meeting of this working group will be held on 8th and 9th November in Brussels.