

Report

GRE Informal Working Group 'AVLI'
Session
2013-12-02/03
Bonn

Participants: see **AVLI 03-04**

Agreed dates:

Editorial taskforce meeting 2013-12-18, Brussels

Agreed activities:

	Date	Responsible
Revise AVLI 01-03 Rev 2 a according to the results of the meeting, inform Commission and AVLI	2013-12-06	AVLI Secretary (already done)
Check the whole document to align the wording with R 48 wherever suitable and make appropriate proposals.	2013-12-11	IT Expert

Agenda

1. Welcome
2. Introduction of participants
3. Adoption of the Agenda (Doc. AVLI 03-02)
4. Continuation of the Discussion of the comments received on Doc. AVLI 01-03 rev 1 (Doc. AVLI 02-03 Rev 1)
5. Further Proceeding
6. Any Other Business
7. Date and Place of the Next Meeting
8. Closing

1. Welcome

The Chairman, Mr Rovers welcomed the participants and thanked Mr Kellermann and BMVBS for the invitation and the hosting of the meeting. He opened the meeting at 13:00 hrs on 2 December 2013.

2. Introduction of participants

The participants introduced themselves (see also Document AVLI 03-04).

3. Adoption of the Agenda (Doc. AVLI 03-02)

The agenda was unanimously adopted.

4. Discussion of the comments received on Doc. AVLI 01-03 Rev 1 (Doc. AVLI 02-03 Rev 1)

The comments received on AVLI 01-03 Rev 1 (AVLI 02-03 Rev 1) were discussed. Detailed information on the decisions taken can be found in document AVLI 02-03 Rev 2.

In the meeting all comments received on the proposal have been discussed finally. For nearly all comments there could be found a consensus in the AVLI group. However, there are three items where the final decision will be taken by GRE during its 71th session on 31 March to 4 April 2014. It concerns:

- reversing lamp
- rear fog lamp
- daytime running lamp.

There was no consensus whether the installation of these lamps should be optional or mandatory. Therefore the term "optional" was put in square brackets indicating that a GRE decision/discussion is needed.

At the beginning of the meeting, CEMA and CLEPA experts asked to come back to Chapter 6.2 with regard to the installation height of additional dipped beam headlamps. It was proposed to increase the height to more than 3 m. The conclusion was to keep the decision taken during the 2nd session. CEMA and CLEPA were invited to prepare if need be an informal document with a proposal and a justification for discussion within GRE.

As agreed in the 2nd session, DE made a proposal to improve the wording concerning the installation height of 4 m to avoid that the maximum height of the vehicle exceeds 4 m due to the frame of the lamps as follows:

"Lamps shall be installed in such a way that the vehicle complies with applicable (national of regional) legislation concerning its maximum height."

This proposal was accepted and was included in Chapter 5.8 of AVLI 01-03 Rev 2 b.

As also agreed in the 2nd session, Dr. Karl Manz made a proposal concerning the installation of the reversing lamp(s) and minimum requirements to avoid glaring. The proposal was discussed and slightly amended to read (See also AVLI 03-05):

"However, if the shape, structure, design or operational conditions of the vehicle makes it impossible to keep the lamp within 1,200 mm it is allowed to increase the height up to 4,000 mm.

In the latter case the lamp shall be installed with an downwards inclination of at least 3° for a mounting height larger than 2,000 mm and not more than 3,000 mm

and

at least 6° for a mounting height larger than 3,000 mm and not more than 4,000 mm.

No inclination is needed for mounting height up to 2,000 mm."

This proposal was accepted and was included in Chapter 6.4.4.2 of AVLI 01-03 Rev 2 b.

Furthermore it was agreed to delete the Chapter 6.22 (Emergency Stop Signal) as this signal makes only sense at high speeds above at least 50 km/h in conjunction with strong dynamic behaviour at very high deceleration values (e. g. > 4,5 m/s² for N2, N3 and > 6 m/s² for M1). It could therefore only be acceptable under the same conditions as for N2, N3. In addition, there is a formal problem that R 13 resp. R 13 H which provide the necessary control signal are not applicable to tractors.

Also deleted was Chapter 6.23 (Signalling Panel) in the first step as signalling panels are mainly important for trailers and towed machines. Panels (Component) will be covered by R 70, the material used for the panels in R 104 (see also documents ECE-TRANS-WP29-GRE-2013-64e and ECE-TRANS-WP29-GRE-2013-65e). As a consequence, Annexes 6 and 7 have been deleted as well.

5. Further Proceeding

The secretary will revise AVLI 01-03 Rev 2 a according to the decisions taken by 2013-12-06. This document will be distributed as AVLI 01-03 Rev 2 b as an informal document.

As the Commission intends to include the results of AVLI into Annex XII of RVFSR, AVLI will recommend to the Commission to keep the lamps mentioned under 4. above optional. The main reason for this is that the introduction of the installation of previously optional lamps as a mandatory requirement needs appropriate lead time. If GRE takes this decision, they will consider this appropriately and in that case the risk occurs that EU and UN could have different introduction dates which should be absolutely avoided. AVLI will also recommend that the Commission keeps the installation requirements for R and S vehicles as they stand in Annex XII as AVLI is presently not able to introduce towed vehicles into UN R 86. The reason is that R.E.3 presently has no definition of agricultural trailers (R) or towed interchangeable equipment (S). To include these vehicles into R 86 an appropriate amendment of R.E. 3 is necessary.

As agreed during the 2nd session, IT will check the whole document with the objective to align the wording with R 48 wherever suitable and will make appropriate proposals. These proposals will be considered in a small taskforce, comprising of the expert from Italy, the

Secretary and the Chairmen in Brussels on 18 December 2013. The result of this editorial work will be included in a further revision, which will become AVLI 01-03 Rev 3. This document will be sent to the GRE secretary as a formal document for the 71st session for adoption by GRE.

6. Any Other Business

In a round table enquiry amongst the participants of the 3rd AVLI meeting no items are raised.

7. Date and Place of the Next Meeting

This item was withdrawn as a next meeting is not yet necessary.

8. Closing

At the end of the meeting, the Chairman, Mr. Rovers, thanked Mr. Kellermann again for kindly hosting this 3rd session of 'AVLI'. He also thanked the secretary for all his good work in preparation and execution of the meeting. Finally, he thanked all the participants for their good cooperation and the fruitful discussions.

He closed the meeting at approx. 15:00 hrs on 3 December 2013.