UNECE GRSP

Ad-Hoc Group of Interested Experts on Accessories for Protective Helmets under UN Regulation No. 22Protective Helmets

6th meeting, 18th November 2021

Videoconference

**Draft Minutes**

1. **Attendance**

The Ad-Hoc Group of Interested Experts on Accessories for Protective Helmets (AHG-PHA) held its 6th meeting by videoconference the 18th November 2021, chaired by Mr. Luca Rocco (Italy). Experts from the following countries participated in the work: Netherlands and Italy. Experts from the Industry attended the meeting as well as the Chair of the GRSP.

1. **Approval of the agenda**

The Chair introduced the Agenda and it was adopted.

1. **5 th AHG meeting minutes**

There were no comments on the Meeting Minutes, so they were approved.

1. **Revision of the informal document “GRSP-70-XY v3 B”**

The Secretary introduced the document explaining the contents. The document includes all amendments agreed during 5th Ad-Hoc Group meeting together with new modifications which consider:

-New markings for accessories when they can be fitted in different helmet locations depending on the support

-New markings for accessories when they have components that must use more than one fitting position on the helmet

-Changes in owners manuals to reflect the above changes and clarifying the meaning to ensure the accessories are installed correctly

-Introduction of the deformable speaker simulator proposal as the option that could reach consensus among all the parties

The Dutch expert asked about how well the speaker simulator acceptance corridor correlates with the actual speaker behaviour. A graphic was shown to illustrate the answer.

The Dutch expert also asked about the availability of the speaker simulator parts. A quotation for the parts was shown from a supplier.

The Dutch expert stated that the composition of the simulator should be given as example, any other composition that will fulfill the acceptance corridor should be accepted.

The Italian expert says that the acceptance corridor was requested by them for a better approach to validate the simulator for accreditation purposes.

The group sees no objection to that approach and the document is modified accordingly.

The Italian expert proposed to reduce the testing speed for Crush test procedure to 10 mm/min. The proposal was accepted.

The Group consider the proposal acceptable and consensus is reached.

The Dutch expert request some sample of the simulator to carry out tests. Expert from industry informs that the Dutch request will be fulfilled and that some further tests will be carried out also by Italian experts.

The Chair of the AHG asks the Secretaries to update the document to introduce all the agreed changes.

1. **Draft status report**

The draft status report was updated after the agreements reached during this AHG Meeting.

Slide 2:

-Add the fact that on October 21st a new testing methodology was proposed to reach consensus

-Add the fact that a consensus was reached on November 18th AHG Meeting

Slide 8: Skip last sentence

Given the consensus expressed in favour of the new approach on the characterization of the speakers and the simulator, the subsequent slides relating to the two solutions previously illustrated in the working document were deleted.

1. **Next steps and close the meeting**

The Chair asks to prepare and distribute the Informal Document modified as agreed during the meeting.

The Chair proposed to wait to send the Informal Document to give time to close the remaining open figures on the speaker simulator acceptance corridor – the square bracket value – and received confirmation from tests planned by Dutch and Italian experts.

The GRSP Chair suggested that the document should be made available to the GRSP Secretariat by December the 1st to have time to introduce it on the GRSP document distribution web page.

The Chair suggest to close the meeting and, if before the next GRSP there is a need for an extra meeting to comment/agree on the simulator acceptance corridor data, an additional meeting could be organised among the technical experts to finish the work.