

Minutes of the fourth ad-hoc meeting of EqOP's Task force 2 – Rear impact assessment / CLEPA proposal GRSP-75-30e

8th of October 2024 at 13:30-14:30

20 participants: OICA, CLEPA, Netherlands, Germany, France, USA, Sweden, Spain, IIHS, Humanetics

Discussion of the CLEPA proposal

CLEPA introduced the proposal and results from recent simulations with the VIVA+ 50F. The presented simulations regarded vertebrae rotation in relation to rearward motion of the head and the headrests capability to limit this motion.

CLEPA presented head widths from the NASA anthropomorphic database. The total range is from 145 to 165 mm. The head widths were compared to the test cylinder diameter of 100 and 120 mm, respectively. A diameter of 100 mm will naturally move further into gaps of headrest structures. DE commented that the lower range will likely be desired to make a difference.

OICA suggested that the change should be in the form of a new series of amendments as the transitional provisions normally are clearer. Check headrests in production until GRSP. Start with the 120 mm and phase in a smaller diameter a little later.

The proposal regards headrests which are subject to the back-set requirement.

Next meeting

The subject will be on the agenda of the next TF2 meeting which will be held on November 4.