

UNECE GRSP IWG Equitable Occupant Protection (EqOP) Task Force 3 – Virtual Crash Testing

Draft minutes of the 4th meeting.
On-line meeting, 17th May, 2024.
37 participants.

Adoption of the agenda & minutes of last meeting

Agenda was approved by the participants.

Minutes of the 3rd meeting were accepted and will be uploaded (see [EqOP-TF3-03-01e_Minutes_draft](#))

Task Force 3 status for the upcoming GRSP:

The chair presented a first proposal to be shown in Geneva: a very brief summary of the work done by the Task Force. Members commented that the different discussed options for a Virtual Testing procedure should be explained in more detail. Slides were modified accordingly and the link to the detailed procedure chart was added to the slide. The group agreed on the final version of the status slide (see [EqOP-TF3-04-03e-2024-05-17-TF-VCT-M4](#), page 4).

Load case independent model-management:

Based on a process chart shown by UTAC in the 2nd meeting, the group started to discuss load case independent requirements. IIHS stated that the commonly of load cases should be addressed independent of their complexity (sub-system / full vehicle, ATD / HBM). To do that, it is proposed to define first details on model requirements (numerical, modelling, mesh quality, ...) based on some chosen examples and then go back to the overall requirements. BASt remarked that the connections between process of validation / verification and model requirements / management depend on the testability of load cases (see graph on page 7 of [EqOP-TF3-04-03e-2024-05-17-TF-VCT-M4](#)).

The chair added the discussed topics to the page 7 online.

OICA remarked that chosen load cases should be in the scope of the EqOP group. Therefore it was proposed to choose load cases which fulfill following aspects:

- Usable to walk / develop the Virtual Testing process (ranging from simple to complex)
- Having a real-world benefit in the terms of EqOP.

In the next meeting further requirements for the load case selection should be discussed.

The load cases should be decided by the IWG within the meeting in Stockholm.

Next meeting:

Online meeting on 29th August 2024 13:00 – 14:30 CET.