

MINUTES

3rd meeting of the Task Force for the implementation of Q UN-Dummies into M.R.1

26th October 2021 – MS Teams

1. Welcome – roll call

Chair: B. Lorenz (Germany/BASt)

Secretariat: D. Visvikis (CLEPA/CYBEX)

Participants: See Appendix 1

2. Approval of agenda

The agenda was adopted by the participants with no additions.

3. Review of minutes from the 2nd session

The minutes were approved following a minor wording change to clarify that it was agreed that Ms Le Claire (CLEPA/Newell Brands) would join the sub-group.

4. Information/discussion

Mr Lorenz (Chair, Germany) introduced a password-protected area on the BASt server that allows the Task Force to share documents that are subject to copyright and unable to be uploaded easily to the UNECE website. He noted that several sets of Q-Series drawings have been uploaded already, but the Q1 and Q1.5 drawings are missing. Mr Burleigh (Humanetics) agreed to send the Q1 and Q1.5 drawings to Mr Lorenz. The access details are:

<https://files.bast.de/index.php/s/3EwRKDi9B6D4kC7>

Password: Please contact the Secretary for access

Mr Lemmen (Cellbond) mentioned that type-approval laboratories need access to the dummy drawings and documentation as part of their ISO accreditation. As this is no longer possible through the UN web-site, he asked whether they might also be given access to the BASt server. Mr Lorenz replied that the server is provided for the Task Force members only to enable them to complete their work. However, he will raise the issue at GRSP. He added that he is still working on the EEVC website and hoped to provide an area for public access to our documents.

Mr Lorenz noted that the sub-group established to undertake the detailed work had met two weeks ago and had started to distribute their tasks. He added that the Q0 dummy would be their initial focus. Each subgroup participant would take a different body part for the surface level review of the dummy drawings. Mr Visvikis (CLEPA/CYBEX) introduced a draft template for conducting the review, which would be shared with the subgroup members.

A short discussion followed on some technical aspects of the current Q0 drawings. The group noted that each dummy should have an instrumentation drawing after the full assembly drawing, but this appears to be missing in the Q0. The dummy suit drawing also missing, which Mr Burleigh agreed to provide. The group agreed that the dummy user manual must also be part of the drawing package and Mr Lemmen and Mr Burleigh agreed to work together on the details, particularly with respect to defining the certification test equipment in terms of physical parameters.

5. AOB

The group noted that the Protection of Children in Cars Conference and the next session of the UN Working Party on Passive Safety (GRSP) are both scheduled to take place virtually in December.

6. Summary of meeting/actions

The following actions were noted:

- The sub-group members will meet to assign different body parts for the Q0 surface level review;
- Cellbond and Humanetics to continue working together on a generic specification for the Q-Series certification equipment.

7. Next meeting(s)

The 4th meeting of the Task Force will take place on Tuesday 25th January 2022 at 12.00 – 13.30 (CET).

Appendix 1 – Attendance list

Name	Affiliation	Email
Bernd Lorenz (Chair)	Germany/BAST	lorenz@bast.de
Dinos Visvikis (Secretary)	CLEPA/CYBEX	costandinos.visvikis@cybex-online.com
Mark Burleigh	Humanetics	mburleigh@humanetics.eu
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Paul Lemmen	Cellbond	paul.lemmen@cellbond
Marianne Le Claire	CLEPA/Newell Brands	marianne.leclair@newellco.com
Eva Walkhed	OICA/Volvo	ewalkhed@volvocars.com
Sebastian Weber	OICA/Audi	sebastian.weber@audi.de
Jason Stammen	US/NHTSA	jason.stammen@dot.gov

Appendix 2 – Reference material

Author	Date	Title and source
Wismans et al.	2008	Q-dummies report (EEVC Doc. No. 514) Please contact Mr Visvikis.
Waagmeester, K	2008	Q-dummies update in 2004 (CRS-4-2) Available to download here .
Hynd, D	2013	Q-Series dummy family specification assessment – Q3 (CPR 1665) Please contact Mr Visvikis.
Giles, N et al.	2015	Q-Series dummy family specification assessment – Q6 (CPR2142) Available to download here .
Giles, N et al.	2015	Q-Series dummy family specification assessment – Q10 (CPR2141) Available to download here .
Wismans et al.	2015	Q10 dummy report – Front impact (EEVC Doc. No. 642) Please contact Mr Visvikis.
Wismans et al.	2015	Q10 dummy in lateral impact report (EEVC Doc. No. 646) Please contact Mr Visvikis