Minutes **3rd meeting** **Task Force regarding Review and Update Certification Corridor (TF-RUCC) under the IG GTR9-PH2**	
Venue	**Web meeting**
Date	**25 May. 2012, 13:30 - 15:00 (CET)**
Status: Draft Revised	

Present: Atsuhiro Konosu, JARI (Japan) Chairman
Mark Burleigh, Humanetics (UK) Secretary
Thomas Kinsky, GM Europe/Opel (Germany)
Jan-Christopher Kolb, Bertrandt (Germany)
Daniel Folcini, Bertrandt (Germany)
Oliver Zander, BASt (Germany)
Dirk-Uwe Gehring, BGS (Germany)
Abayomi Otubushin, ACEA BMW (Germany)
Takahiro Issiki, JARI (Japan)
Carsten Hohmann, Volkswagen (Germany)

1. Welcome

2. Self introductions

3. Adoption of the Agenda (TF-RUCC-3-01-Draft) and Confirmation of Objectives of 3rd TF-RUCC meeting

- The draft agenda for the 3rd TF-RUCC meeting (TF-RUCC-3-01-Draft-r1) was agreed with no modification. (TF-RUCC-3-01-Final)
- The objective of the 3rd TF-RUCC meeting was agreed as to share latest information with TF-RUCC members..

4. Adoption of the Draft Minutes for the 2nd TF-RUCC meeting (TF-RUCC-2-02-Draft-r1)

- The draft minutes for the 2nd TF-RUCC meeting (TF-RUCC-2-02-Draft-r1) were accepted. (TF-RUCC-2-02-Final)

5. Japan Presentations (TF-RUCC-3-03: Japan-Progress-Report_120508)

- Atsuhiro Konosu presented TF-RUCC-3-03: Japan-Progress-Report_120508 which included revised knee test data for Engineering leg due to a potentiometer connector problem (not glued well at its production phase). This presentation showed the static and dynamic results from the three round robin legs (SN01, SN03 and Engineering leg) and proposed draft update corridors.
- Oliver Zander asked if the proposed draft update corridor widths had remained the same of the current one.
- Atsuhiro Konosu replied the proposed pendulum and inverse test update corridor widths had remained the same of the current one. Japan believes pendulum and inverse test update corridor will be made by including other test lab data, we therefore simply used current corridor widths in our presentation.

6. BASt/BGS Presentation (TF-RUCC-3-04)

- Oliver Zander presented TF-RUCC-3-04: Review of dynamic assembly certification corridors. BASt was the second lab to test the RR prepared legs. It was shown that draft update corridors would be made from JARI, BASt and Bertrandt test data.
- The presentation showed the same shift trend as JARI results for inverse and pendulum tests.
- Draft update corridors were proposed using the same method as agreed in the TEG.
- There was a problem with a wire on SN01 SLICE DAS system which prevented that leg being tested. Dave Martin DTS responded quickly to this and is supplying a new part so that testing can be completed soon.
- The three legs will go to Bertrandt after testing at BASt.
- Mark Burleigh mentioned Humanetics and Ford U.S will also be testing the RR legs. Humanetics would like to confirm the draft update corridors (will be made by using JARI, BASt and Bertrandt test data) validity with Humanetics and Ford U.S. test data.

7. Bertrandt Presentation (TF-RUCC-3-05)

- Jan Christopher Kolb Presented TF-RUCC-3-05: Bertrandt FlexPLI certification testing. Three production legs were tested 3 times in 2 different labs. The same general trend was seen here as in the RR legs suggesting a small shift in the corridors to allow production legs to meet the current corridors. Further testing seems necessary to assess long term performance.

- Thomas Kinsky thanked Bertrandt and BASt for their work, results seemed comparable with overhauled RR impactors. At first glance it looks like this fits in a good way.
- Oliver Zander noted that one focus of the presentation given by Bertrandt was the lab to lab variability. In his point of view it would be beneficial to also calculate the individual coefficients of variation of the different legforms when being tested in the two labs in order to get an idea of impactor repeatability and reproducibility.

8. Discussions

- **Component level corridors**
  - There was no concern with the static assembly procedure and update corridors proposed by JARI.
  - The use of plastic sheet for sub assembly tests was accepted.
- **Assembly level corridors**
  - SN01 still needs to be tested at BASt and added to their analysis.
  - Bertrandt results will also be considered in draft update corridor.
  - Thomas Kinsky will need to discuss draft proposals with ACEA members.
  - Details on the draft update corridors will be discussed in the IG meeting next week.
  - It was mentioned that the honeycomb mass would be part of the GTR specified moving ram mass but this is still not clear so will be discussed in IG next week.

9. Future Action Plans

- Bertrandt will be testing 2 more series production legs and 3 R.R. legs for performance comparison.

10. Next meetings

- Will be decided later.

11. A. O. B.

- none

***