

GRSP TF on the transposition of GTR 13 Phase 2 to UN-R 134 (20)

Meeting Date: 21/02/2024 08:00 – 09:30 (CET)

Location: Microsoft Teams Meeting

Participants:

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| <input checked="" type="checkbox"/> Alex Milward (LUXFER) | <input checked="" type="checkbox"/> Matthias Kuntz (BOSCH) |
| <input checked="" type="checkbox"/> Anais Garo (UTAC) | <input checked="" type="checkbox"/> Morinaga (KHK) |
| <input checked="" type="checkbox"/> Anne Serra (EU) | <input checked="" type="checkbox"/> Myrna Cashatt (LINAMAR) |
| <input checked="" type="checkbox"/> Annett Schuessling | <input checked="" type="checkbox"/> Richard Trott (FORVIA) |
| <input checked="" type="checkbox"/> Antoine Azzopardi (FRANCE) | <input checked="" type="checkbox"/> Salim Abdennadher (RENAULT) |
| <input checked="" type="checkbox"/> Daniel Frame (ARROWHEAD) | <input checked="" type="checkbox"/> Sina Smits (BMW) |
| <input checked="" type="checkbox"/> Frank Otremba (NPROXX) | <input checked="" type="checkbox"/> Tatsumi Takehana (KHK) |
| <input checked="" type="checkbox"/> Gerhard Gissibl (BMW) | <input checked="" type="checkbox"/> Torigoe (KHK) |
| <input checked="" type="checkbox"/> Gilles Jouvenot (PLASTIC OMNIUM) | <input checked="" type="checkbox"/> Toru Nakanishi (METI) |
| <input checked="" type="checkbox"/> Hans Lammers (NETHERLANDS) | <input checked="" type="checkbox"/> Volker Rothe (STELLANTIS) |
| <input checked="" type="checkbox"/> Harald Beck (MAN) | <input checked="" type="checkbox"/> Wataru Okuyama (MLIT) |
| <input checked="" type="checkbox"/> Hiroaki Tamura (| <input checked="" type="checkbox"/> Valentin Hettrich (DAIMLER TRUCK) |
| <input checked="" type="checkbox"/> Ikuya Yamashita (HONDA) | <input checked="" type="checkbox"/> Vuthy Phan (VOLVO) |
| <input checked="" type="checkbox"/> Klaus Weis (HEXAGON) | <input checked="" type="checkbox"/> Ylva Castenhag Blomström (SCANIA) |
| <input checked="" type="checkbox"/> Koie (METI) | <input checked="" type="checkbox"/> Yoshio Fujimoto (NTSEL) |
| <input checked="" type="checkbox"/> Masaaki Iwasaki (TOYOTA) | <input checked="" type="checkbox"/> Yuto Sekiya (KHK) |
| <input checked="" type="checkbox"/> Masaaki Kondo (TOYOTA) | |

Minutes:

1. Welcome & Roll call
2. **Remote TPRD and alternative testing**

Discussion of note to the container definition regarding the permanent connection and interpretation of 'detectable' in GTR 13 Phase 2,

- Richard proposed permanent interconnections for hydrogen chambers to ensure flow passage during service life.
- KHK seeks clarification on permanent connection requirements.
- Joints can be different types, and physical connections should be non-exclusive and performance-based.
- Group discusses interconnecting modes, with a focus on detectability and permanent removal from service.

The currently agreed texts:

Permanent interconnections are any physical solutions to pneumatically connect chambers, e.g. welded or screwed tubing, manifolds, etc., to allow a

permanent flow passage with an invariable flow section for hydrogen between chambers during the entire CHSS service life]. Any disassembly of a container after manufacturing shall be visually detectable, e.g. by use of seals, and result in permanent removal of the CHSS from service.

- **Remote TPRD supply lines and qualification requirements.**
 - Japan is currently studying the matter of remote TPRDs and supply lines and will provide feedback during one of the next sessions.
 - Until then the document will include the paragraphs concerning supply lines and remote TPRD in square brackets ([]).
- The proposal document is sent out to the TF for review and will be forwarded to the secretariat on March 4 2024 provided there is no objection by the TF. Any comments or objections should be sent by March 1 2024.

3. Other:

- The secretary Annett Schuessling will start a new position on March 1 2024 and will clarify whether she can continue the secretariat function before the next meeting.

4. Next meeting:

- March 27th:
 - 8 am – 9.30 am (CET)
 - 4 pm – 5.30 pm (JST/KST)