Proposals by Secretary

1. Long term items
2. TF0 / drafting team

Y. Fujimoto, Secretary of the GTR13 Phase2
Nov, 2019  #7th IWG @ Daimler, Stuttgart
1. Long term items
Phase 2 Items

1. **TF1: Heavy Duty**
   A) Vehicle class, Sled test, Installation, TPRD direction, Permeation criteria, H2 leakage criteria
   B) **Cycle test (tank useful life)**

2. **TF2: Receptacle**
   A) Geometries in ISO17268-(2020?)
   B) 70HF

3. **TF3: Test procedures**
   A) Allowance of conditions, etc.
   B) HRS risk assessment, Conformable/Small diameter tank

4. **TF4: Fire test**
   A) Reproducibility improvement
   B) **Revise of fire profile**

5. **TF5: Harmonization with TC197**
   A) Definitions, etc.
   B) **Long term stress rupture**

6. **Initial burst pressure**
7. **H2 compatibility**
8. **HG-SCC (Al)**
9. **High voltage safety**
10. **Roll over/Side impact**
Long term Items

- **Phase2b (additional 1-2 years)**
  *May be completed within current Phase 2 project.*
  1. Extend of tank useful life more than 15yrs: TF1
  2. Conformable/small diameter tank: TF3
  3. HG-SCC: Japan/JARI

  4. Stress rupture : SAE
     It could be more longer term up to the schedule of validation.
  5. 70HF: TF2

- **No schedule (only listed, maybe next phase or series of amendment)**
  1. LHSS: OICA
  2. Risk assessment issues of station : EIGA
  3. Roll over/Side impact: Korea

- **Topics to be discussed in ISO/SAE**
  1. Revisions of Fire test profile: TF4?
     - Longer tank: SAE/CSA?
     - Items by Ulster Univ.: SAE/CSA?
     - Cases like the US Garbage truck or battery fire: SAE/CSA?
2. TF0 Drafting Team
Leader
Amy Ryan (OICA/Leader of HFCV TF in OICA)

Member
Nha Nguyen (Nikola / Writer of current GTR13)
Livio Gambone (Nikola/Leader of TF2 & 3)
Annett Schuessling (OICA/Expert of HDV/T regulations)
Glenn Scheffler (SAE/Leader of TF4 & member of the material team)

Mission
• Merge the proposals by TFs / expert teams into one document by #8\textsuperscript{th} IWG @ Japan (Mar 2020).
• Write the chapters of HDV/T
• Keep updating the draft