

# Proposals by Secretary

1. Long term items
2. TF0 / drafting team

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# **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 (AI)

## 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*

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  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<sup>th</sup> IWG @ Japan (Mar 2020).
- Write the chapters of HDV/T
- Keep updating the draft