

## **SGS 5 - 8**

### **DRAFT LIST OF ACTION ITEMS Resulting from the Fifth Meeting of SGS**

Co-chairs: summary of Definitions to be used as reference by end of February

All outstanding action items from SGS IV, as discussed

Co-chairs: Finalize the List of Action Items Resulting from the Fifth Meeting of the SGS (January 19-21) to be distributed at the conclusion of the meeting

Co-chairs: Prepare minutes and other documents and post on SGS website by March 13 (including the revised final Agenda of SGS V, list of participants, revised SGS IV Meeting Minutes (per EC comment), Action Items

#### **SGS V Action Items (based on Draft Minutes):**

1. All Group members: If available, give the presentation file electronically to Mr. Nguyen (US) before leaving
2. Co-chairs: post meetings documents on the SGS website
3. China: provide information on the crash test (tank type, etc) and, if available, the English version of its standards
4. SAE to explore possibility of distribution of standards, with the requirement that they not be distributed outside the SGS
5. OICA will check with BMW, specifically about the potential for (some other manufacturer) running an HICE vehicle in a fuel-rich

mode. Also, what about liquid boil-off (note: should it also be considered as an exhaust)

6. OICA: regarding the vehicle discharge system, check with BMW/Gerhard Gissibl and look at other vehicle discharge systems (ICE, liquid H<sub>2</sub>...) to help SGS determine whether or not to include in this requirement in the GTR

7. Japan: Check the original work on the equation of state (fit of NIST data) for the ranges of temperature and pressure for which this curve-fitted equation is applicable (so that it is not used outside the appropriate range(s)). CITAtion

8. TUV: provide definitions of vehicle outline and protective structures (section 1.2.1 of the TUV proposal)

9. All: submit suggestions for the language for section 1.2.2 of the TUV proposal

10. Japan: research the inclusion of the container check valve requirement (TUV section 1.3.2) and report to the group

11. SAE: provide information, if possible, on the France bus incident (paper published) – associated with section 1.4.2 of the TUV proposal

12. OICA: discuss among its members what OEMs are doing to deal with this requirement (icing, dirt, etc) and the possible test – associated with section 1.4.2 of the TUV proposal

13. All: provide comments and justification on the (modified) TUV proposal and the Japan proposal (Draft Proposal for HGTR on Hydrogen Safety) to the co-sponsors (Germany, US, Japan) by February 13th – BUT identify potential ‘show stoppers’ immediately

(Best mechanism for transmitting the edits and comments to Japan, OICA and TUV – entire document with tracking changes or entire document with edits and comments highlighted, or only the edits and comments)

14. Co-chairs: distribute by email and post on SGS website the modified Japan, OICA, and TUV proposals

15. OICA: provide information on TUV proposal section 1.4.3 from BMW

16. US: provide clarification/guidance on the wording of TUV proposal section 1.4.9.

17. Co-chairs: distribute by email and post on the SGS website revised draft H-fueled vehicles GTR

18. All: consult the nine existing GTRs for the structure and for the types of data included

19. ISO: provide a summary paper on the comparisons as presented orally at SGS V

20. OICA: validate and revise the test procedure for single failure conditions

21. Japan: provide its test procedure, test data and, if possible, rationale for not including 3-second interval in the current National Regulation for HFCV

22. OICA: provide rationale for the 3-second interval

23. All: in general, documents when presented should include technical background reference, as appropriate

24. OICA: review the test procedure and provide the response time for the measuring device for demonstration of compliance for fuel cell vehicle exhaust system test procedure

25. Japan: submit its test procedure for compliance for fuel cell vehicle exhaust system for consideration

26: Co-sponsors: finalize timeline

1. All Group members to provide comments to the German Team Proposal and Japanese Proposal from Contracting Parties and other Group members by February 13, but exceptions accepted

2. OICA: submit a unified position to the TUV proposal the Group by end of March

3. Co-sponsors: prepare a status Report to the Task Manager for the WP.29 by March 1-3

4. Task Manager: provide statement on the Response from WP.29

5. Co-sponsors: finalize preparation of the Drafting Task Force meeting (April 14-16, 2009, Frankfurt) with the aim of producing and distributing a revised draft GTR by April 27.

6. SGS VI in May (26th) 2009, in Beijing, People's Republic of China

7. Co-sponsors: prepare Informal Paper by the end of May for the June WP.29 meeting

8. Co-sponsors: provide feedback on June WP.29