Progress report on
IAA Study Group 3.9 “Private Human Access to Space”

Proposer(s): H. Rauck – G. Brachet   Chair: Ch. Bonnal
Primary IAA Commission Preference: Commission 3
Secondary IAA Commission Interests: Commission 5

Overall Goal:
Identify and quantify the key topics associated to Manned Private Access to Space for both Orbital and Sub-orbital missions.

Key words:
- Technical aspects
- Legal and regulatory aspects, safety aspects
- Financial aspects, market analyses, associated business plans
- Motivations of potential customers
- Physiological and Psychological requirements, ergonomic constraints

Expected outcome of the study:
IAA Position Paper giving the keys to the topic and potentially including recommendations. Subdivision of the study into key chapters, with one “book captain” per chapter; 7 or 8 members per chapter covering a wide range of origins (countries, agencies, industrials, searchers, operators...
Time line:

Initially: 3 years following the initial proposal (March 2007)

Revised timeline:

- 1\textsuperscript{st} IAA symposium on Private Human Access to Space (Arcachon)
  \(\Rightarrow\) 28-30 May 2008
  Publication of the full CD with all the papers, most of the presentations, pictures, … Distribution to all participants
  \(\Rightarrow\) End of September 2008

Report during IAC Glasgow \(\Rightarrow\) October 2008

- Publication in Acta Astronautica of the 15-20 best papers out of the 68 presented in Arcachon
  Process undergoing: 15 papers pre-selected
    - 4 rejected
    - 2 withdrawn after review
    - 14 finalized \(\Rightarrow\) Finished under printing Vol 66, 11-12

- SG: Formal invitation of members of the SG
  Additional members are welcome, but may lead to problems of coherence and homogeneity (lack of efficiency; depends on the definition of a Working Group !)
  \(\Rightarrow\) Daejeon, October 2009

Extended table of contents \(\Rightarrow\) IPC, Paris March 2010
Draft for Peer Review within IAA \(\Rightarrow\) Praha, September 2010
Final publication \(\Rightarrow\) IPC, March 2011.

- 2\textsuperscript{nd} IAA symposium on Private Human Access to Space
  Numerous demands for a new edition of the symposium Arcachon with Avantage Aquitaine again (very positive feedback last time)
  Proposed slots: 2-4 may 2011 or 30, 31 May, 1\textsuperscript{st} June 2011
  \(\Rightarrow\) Urgent decision
  \(\Rightarrow\) Need to identify potential conflicts

- Associated proposal to delay the preparation of the Position Paper. Already discussed with IAA SG
  \(\Rightarrow\) No urgency
  \(\Rightarrow\) Numerous open points to date