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Proposal for an IAA Symposium

Title of Symposium:

Private Access to Space

Proposer(s): H. Rauck – G. Brachet

Primary IAA Commission Preference: 3

(From Commission 1 to Commission 6)

Secondary IAA Commission Interests: 5

(From Commission 1 to Commission 6)

Chairmen of the Program Committee:

Ch. Bonnal (Com. 3) – K-U. Schrogl (Com. 5 – TBC)

Members of the Program Committee:

I. Bekey – L. Gathier (TBC) – R. Klaedtke (TBC) – M. Calabro – M. Fauveau – G. Smith – F. Winisdoerffer – T. Leveugle, Other members identified, but not yet confirmed

Short Description of Scope of Symposium

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

- The Symposium will deal with the major technical features of the conceivable solutions, enabling the reader a good understanding of the technical credibility of the currently on-going proposals
- The Symposium will address the legal and regulatory aspects, mainly linked to the new safety aspects of commercial manned space flight ; current limitations will be identified and future actions will be proposed
- The Symposium will deal with the financial aspects associated to the development of Private Access to Space, mainly in terms of overall evaluation of development cost, the operational costs, associated business plans and financing schemes
- The Symposium will identify the motivations of the potential customers in order to consolidate the foreseen market ; it will deal with the physiological requirements, ergonomic constraints and associated to this new branch of Access to Space.

Intermediate Goals:

Methodology:

- Subdivision of the Symposium into parallel sessions (technical, financial, legal and "humanist" aspects
- co-organization with AAAF sub-commission on Space Tourism (Toulouse)
- potential organizer : ARA (Bordeaux), specialized in Symposia on atmospheric reentry, mainly in Arcachon

Time Line:

- First meeting of the potential members of the IPC: end of March 2007
 - . selection of high level Symposium definition (May 2008, Arcachon tbc, 2.5 days)
 - . subdivision into parallel sessions
- First announcement by July 2008
- Abstracts selection by Xmas 2008

Target Community:

Space Agencies, Launch Vehicle and Spacecraft manufacturers, Insurers, Potential customers, Students

Potential Sponsors:

To be discussed (industrials, associations (ACE), operators...)

To be returned to IAA Secretariat Paris fax: 33 1 47 23 82 16 email: sgeneral@iaa.net

Date: 18 March 2007

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