IAA Study Group: S 3.4

Title of Study:  
Development of Infrastructure for International Space Exploration

Proposer(s): W.H. Siegfried

Primary IAA Commission Preference: III, Space Technology and Systems Development  
(From Commission 1 to Commission 6)  
Secondary IAA Commission Interests: IV, Space systems Operations and Utilization  
(From Commission 1 to Commission 6)

Members of Study Team

Chairs: W.H. Siegfried, M. Reichert

Secretary: U. Apel


Short Description of Scope of Study

Overall Goal: Identification of an infrastructure(s) for an affordable international space exploration venture that is capable of accepting emerging advance technologies.

Intermediate Goals: Definition of scenarios for approach, prediction of potential technology advances, identification of key infrastructure elements.
Methodology: Communication and documentation on internet; Solicitation of scenarios/tech predictions; Development of infrastructure elements by assignment; selection/collation by systems group.

Time Line:
October 2003: solicitation of personnel and org at IAC meeting
January 2004: Scenarios/tech.predictions
June 2004: Specific papers for IAC
September 2004: first draft study report
October 2004 Review of draft at IAC meeting

Final Product (Report, Publication, etc.): Cosmic Study report in 2005

Target Community:
International Space Agencies and companies
International governing bodies

Support Needed:
Use of IAA web site
Funding for meeting of participants May 2004 or during IPC Meeting

Potential Sponsors:
Boeing; Lockheed Martin, NASA, ESA.

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

Signature: W. H. Siegfried

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