

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

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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 advanced 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 scenerios/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@iaonet.org

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