

Proposal for Forming an IAA Study Group: S 1.1

Title of Study:

The Next Steps in Exploring Deep Space

Proposer(s):

Dr Wesley T. Huntress, Jr.

Primary IAA Commission Preference: I, Space Physical Sciences

Secondary IAA Commission Interests: III, Space Technology and Systems Development

Members of Study Team TBD

Chairs:

Secretary:

Other Members:

Short Description of Scope of Study

Overall Goal:

To define a logical and systematic road map for the exploration of the Solar System by robots and human beings: one which uses scientific exploration of space as the basis for setting goals and which builds infrastructure in an evolutionary fashion from easiest to hardest steps in an evolutionary, stepwise and affordable fashion.

To influence the direction of near-term studies of human and robotic exploration towards long-term, strategic and international thinking

Methodology:

To use a small team to devise a roadmap, set a larger group comprising teams to examine specific steps in the roadmap, hold a plenary workshop to reach consensus, and write a report.

Time Line:

March 2001, to October 2002

Final Product (Report, Publication, etc.):

Written report

Publication in an aerospace journal (TDB)

Symposium during Academy Day at the WSC in 2002

Target Community:

Space policy makers in space-faring nations, space agencies, space program implementers and aerospace industry, aerospace engineers and space scientists.

Support Needed:

None identified at this time

Potential Sponsors:

Carnegie Institution of Washington, NASA Jet Propulsion Laboratory, NASA Johnson Space Center, Johns Hopkins University/Applied Physics Laboratory, others TBD.

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

Date:

22/2/01

Signature:

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Comments :

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