

Proposal for Forming an IAA Study Group : S 4.1

Title of Study:

Knowledge Management of Space Systems & Study of major failures

Proposer(s):

D.JP. Moura

Primary IAA Commission Preference: IV, Space Systems Operations and Utilization

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

Members of Study Team

Chairs: D.JP. Moura (CNES, France)

Secretary: see page membership

Other Members: IAA: TBD (a call for interest has to be issued to get IAA members)

Outside IAA: members are already identified (involved in the workshop organized in 1999 on this topic): M. Warhaut (ESOC, Germany), S. Ulamec (DLR, Germany), P. Chazalnoel (CNES, France), etc...

Short Description of Scope of Study**Overall Goal:**

Propose a set of recommendations to improve/harmonize the knowledge management in space activities and avoid major failures

Intermediate Goals:

Get the existing tools/procedures in space business but also in other fields of industry.

Get past experiences (positive and negative) on this topic and on major past failures.

Methodology:

Open discussion within the Study Group, with the major actors of space activities (agencies, institutes and industry) and with other fields of industry facing the same problem.

Organization of workshops/sessions to allow direct interaction.

Time Line:

Set-up of the Study Group: mid 2001

Organization of a session during the next IAC Congress, October 2001

First recommendations (draft): mid 2002

Final recommendations: end 2003

Final Product (Report, Publication, etc.):

Reports (intermediate and final)

Proceedings of the organized sessions/workshop

Minutes of the meeting of the Study Group

Annual reports to IAA

Target Community:

The space community (industry, agencies, laboratories, universities...)

Support Needed:

From IAA secretary: issue a call of interest

From IAF: support session on this topic (accepted for 2001 Congress)

Potential Sponsors:

CNES, DLR, ESA (sponsors of the 1999 organized workshop)

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

Date: 15/03/2001 (updating)

Signature:



For IAA Use Only:

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Received : 15/03/2001

Validated : 27/03/2001

by : G. Haerendel, approved by the Board on March 27, 2001

Comments :

The Study Group is expected to provide progress status and final organization at the Academy Day, September 30, 2001 in Toulouse.

Last modification :