

Proposal for Forming an IAA Study Group SG 6.17

Title of Study:

Multicultural foundations and influences of human space exploration

Proposers: *Giuseppe REIBALDI (M-2); Jacques ARNOULD (M-4)*

Primary IAA Commission Preference: *Commission 6*

Secondary IAA Commission Interests: *Commission 3, 5*

Members of Study Team

Chair(s): *Jacques ARNOULD (M-4)*

Secretary: *Louis LAIDET (M-2)*

Other Members: TBD

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

Human Spaceflight initiated in 1961 with the flight of Yuri Gagarin more than 50 years ago, and culminated with the landing of men on the Moon. It is time to understand what kind of cultural impact Human Spaceflight activities have in as many countries as possible. Beside the technical, political and financial issues of space exploration (which have also to be studied), cultural aspect is a social factor influencing both directly and indirectly space activities of all countries and as a such it needs to be considered by every space agency. It includes means on how best to increase the public interest in the space programs. Even more important the culture domains and values with their national differences are for exploration activities requiring a wide international cooperation. A potential role of different space actors can be better addressed when their habits and behaviors as well as national aspirations are understood. With increasing number of actors in space activities, their successful and effective integration into final common plan will require to understand and to bridge their mutual cultural differences. Namely the definition, approval and management of the future global space exploration projects has to balance cultural differences, communication styles and approaches to be successful and efficient. The goal of this study will be to understand better the issues indicated, the meaning and impact of Human Space Exploration in the first 50 years for their Country and Culture. This study should increase awareness about different cultures within both traditional and newly emerged space nations. This understanding will be used to prepare a culturally balanced future Global Human Exploration Programs, taking into account the differences identified.

Intermediate Goals:

Methodology:

- Participation of UN organizations, like UNESCO, as well as Space Agencies and Humanistic experts
- Global Survey with the goal to obtain a high number of replies from as many cultures as feasible, especially North and South Africa, South America, Asia.
- Study the differences and the resemblances between cultures with reference to Human Space Exploration
- Organize a workshop to discuss the main results of the replies
- Suggest practical means to make future Human Space Programs culturally balanced

Time Line:

2018: elaboration and dissemination of the survey. End of 2018: analysis of the survey results.
2019: Workshop to discuss the analysis of the survey results. Modification of the analysis after the workshop.
2020: draft report
2021: final report

Final Product (Report, Publication, etc.):

The cosmic study will show a synthesis of the survey results with a global analysis. Survey results will appear as appendices.

Target Community:

Space Agencies, NGOs, UNOOSA

Support Needed:

Set-up Study Group web page, organize regular teleconference, organize the workshop to discuss the preliminary findings, in conjunction with UNOOSA

Potential Sponsors:

UNOOSA, Space Agencies, Private Companies, NGOs

To be returned to the IAA Secretary General Paris

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by email: sgeneral@iaamail.org

Date: **March 11, 2018**

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(No Signature required if document authenticated).