



Minutes Commission VI

March 17, 2009 0830 – 1100
Academy Office Building

- Welcome and introduction of newcomers
- Brief summary of Glasgow IAC
- Overview of Daejeon IAC sessions
- Proposals for Prague IAC
- Overview of IAF and IAA approaches to space and society issues
- Reports from Study Groups
- Status of 3rd Space and Society Conference
- Nominations for Officers 2009-2011
- AOB

Chair: David Raitt
Vice Co-Chair: Geoffrey Languedoc
Secretary: Peter Swan

1. Welcome: Dr. Raitt called the meeting to order. There were 13 people in attendance. They were: David Raitt, Geoff Languedoc, Peter Swan, Roger Malina, Keiken Ninomiya, Bernard Foing, Cathy Swan, Susmita Mohanty, Paivi Jukkola, Vince Boles, Christophe Rothmund, and Karl Doetsch. The meeting was adjourned on time at 1059.

2. Approval/Modification of the Agenda: The Commission VI agenda was approved by motion of members.

3. Approval of the September 2009 Glasgow minutes: The Commission VI minutes were approved by motion of members.

4. Overview of Glasgow sessions and related events: the sessions in Glasgow went exceptionally well as there was a large turnout and fun was had by all. Future details are in the SAC report from Commission VI. [attached]

5. Progress on sessions and events for Korea: The sessions for Korea were refined and have been submitted. Future details are in the SAC report from Commission VI. [attached]

6 Progress on the sessions for Prague: the sessions for Prague are well along the way in preparation and will be very similar to the Korea conference. Future details are in the SAC report from Commission VI. [attached]

7. Relations with IAF Committees (Space & Society, Education & Outreach, Space Culturalization): Dr. Raitt has become a member of all three of these IAF Committees with a view to ensuring a good liaison with Commission VI. Further details are in the SAC report from Commission VI. [attached]

8. Reports from current Study Groups:

6.3 Interstellar Message Construction
Has a status report on the web.

6.4 IAC History Symposia 1967-2000. Abstracts & Index
... this SG was closed.

6.5 Space Arts Database
... this SG was also closed with a final report prepared.

6.7 50th Anniversary of the Space Era
The Academy is actively pursuing a plan to recognize the 50 years of success within the IAA. As such, Jean-Michel Contant is developing a plan and has invited all the members of the Commission VI History team to participate. Their current status is reflected on the web. Further details are in the SAC report from Commission VI. [attached]

6.8 Space Expectations
Has a status on the webpage and is progressing towards a Dec 2009 completion. Further details are in the SAC report from Commission VI. [attached]

6.9 The Architecture of Space: Tools for Development in the 21st Century
Current Recommendations and Report Summary are in for Academy review.

6.10 50th Anniversary of the Space-Era Edition of the IAA Multilingual Dictionary
Current status is on the web. Further details are in the SAC report from Commission VI. [attached]

6.11 Space System Engineering Education
This study is progressing along with many inputs from industry and government. The details will be updated on their web location.

9. Status of 3rd Space and Society Conference, April 2009, Ukraine:
the symposium was going ahead as planned.

10. AOB

a- there is one area that we have not excelled at inside Commission VI, awards and recognition. I offer that the administration of Commission VI

will support and endorse awards and recognitions that you can propose within the Academy. We would love to help recognize our great people.

b- As the Community Zero website is costing the host a fee each year, it has been suggested that Commission VI move to the Google Group approach. Pete Swan has the action item to transition our community into this type of communication tool. The transition is about 70% complete. If you are not on the list, contact Pete Swan.

c- There will be an event in Prague based about the global clean water initiative. This is being worked with the ITACUS and is being led by Roger Malina and others. If you would like to participate, please contact Roger Malina and offer your services.

d- Many of our studies are coming to a close and we need to excite participation among members of Com VI. Please submit your ideas to the leadership of the committee and we will help you process through the Academy. Our scope is on the web and we would love to have more diverse studies crossing all of the arenas of the Commission VI.

e- As we are the part of the Academy that deals with the non-engineering arena, we must be aggressive in submitting nominations for Academy membership. Please think about names to be put forth into Section Four.

f- the following leadership has been proposed, voted upon, and approved by Commission VI. This slate of officers will be put forth to the Academy for the 2010-2011 years.

Chair:	Dr. Peter Swan	USA
Co-Chair:	Mr. Geoffrey Languedoc	Canada
Secretary:	Professor Olga Bannova	Russia

Best Wishes to all,

Peter Swan, Ph.D.
Commission VI Secretary

REPORT OF COMMISSION VI TO THE SAC

Tuesday, 17 March 2009, Paris, France

Commission VI meeting

The Commission VI meeting was held with a full agenda on Tuesday, 17 March 2009 and was attended by ten people.

Overview of 60th IAC Daejeon sessions

Within the 20th Symposium on Space Activity and Society, Commission VI planned to organize three main sessions:

- Technology Transfer Trends
- Space Expectations - How the Public Views Space Activities
- The Architecture of Space: New Frontiers of 21st Century Space Architecture and Entrepreneurship for a New Generation of Explorers

In addition, a Technical Interactive Session on Space Activity and Society (which would comprise papers not selected for the main E5 sessions) was also planned.

In the event, the Space Expectations session received an excellent number of papers - enough for two sessions, so the Technical Interactive Session was renamed to become a regular oral session. The Technology Transfer Trends session received enough papers for a decent programme. The response to the Architecture of Space session was, however, disappointing though there was just enough papers for a full session.

The History Group will hold three sessions instead of four within 43rd History of Astronautics Symposium. These sessions relate to Memoirs and Organizational Histories; Scientific and Technical Reviews; and History of Korean Contributions to Astronautics.

Since 2009 will be the International Year of Astronomy, there was also to be a joint session organized by IAA Commission VI and the IAF Space Education and Outreach Committee which would cover such topics as the astronomical beliefs and myths of different cultures, the contribution of astronomical instruments and discoveries to spin-offs to benefit society, and the role and place of observatories and planetariums in the local community. However, the session unfortunately only attracted a handful of papers and it was decided to cancel this session and allocate the papers elsewhere within the E5 sessions.

Overview of 61st IAC Prague sessions

Within the 21st Symposium on Space Activity and Society, Commission VI is organizing three main sessions:

- Space Architecture: Exploration and Tourism
- Future And Current Space Missions - Human Aspects
- Space Expectations - Involving the Public in Space Activities

The History Group will hold four sessions within 44th History of Astronautics Symposium. These sessions relate to IAA 50th Anniversary; Memoirs and Organizational Histories; Scientific and Technical History; and History of the Czech Republic contribution to astronautics.

There will also be a session organized jointly by IAA Commission VI and the IAF ITACCUS and SEOC committees on the theme Water from Space: Societal, Educational and Cultural Aspects

Overview of IAF/IAA approaches to space and society issues

A discussion was held on this topic. As noted in the previous report to SAC, several meetings took place during the Glasgow Congress to ensure amicable and cooperative relations between Commission VI and the various IAF committees that have somewhat similar mandates. The Chairman of Commission VI is also a member of the ITACCUS, SEOC and Sands Committees.

As noted above, Commission VI was cooperating with IAF SEOC in organizing a joint session on astronomy and society at the IAC in Korea. SEOC will also be involved in the organization of the joint session in Prague along with Commission VI and ITACCUS.

Unfortunately the ITACCUS, SEOC and SANDS committee meetings in Paris over 16-17 March all took place at the same time as other Commission VI meetings and thus were not attended by Commission VI officers, although other Commission VI members were present.

Reports from current Study Groups

6.3 Interstellar Message Construction

The scope of the project is three times greater than expected and the scope has been greatly expanded, with two members coordinating the recommendations. Three volumes are being prepared and the project will now be extended until Prague 2010.

6.7 50th Anniversary of the Space Era

The History Group has continued its work apace with the preparation of sessions for Daejeon as well as more IAA History Symposia. The Website has been updated and the group now comprises 42 members. Three or four volumes are to be published in 2009

The History SG noted that there were two outstanding issues still requiring resolution: IAA implementation of a proposed Web site file on IAA History Symposia Proceedings; and the BOT position on a proposed publication for celebrating the IAA 50th anniversary in 2010.

(In the SAC meeting, there were a significant number of outcomes. One is that the study group and name are anachronistic and it should be closed forthwith. Another is that the members of the study group should be absorbed into the IAA Permanent History Committee, established in 2005, but never activated. A third is that the situation regarding the publication of the History Symposia by the AAS, as opposed to the IAA's preferred publisher Elsevier should be resolved. And a fourth was that the IAA has everything under control for a publication to celebrate its anniversary).

6.8 Space Expectations

Several more languages have been added bringing the total to ten. Due to a further concentrated effort on announcing the survey the total number of responses to date is now well over 2000. An update will be given at the IAC in Korea. The plan is to keep the survey going as long as possible, but to finalize the Study Group by October 2009 when a formal summary will be made available.

The hosting of the Space Exploration web site, particularly the survey tool, is currently being funded by Arthur Woods, who is also paying the small fees for keeping the Impact of Space Activities on Society web site active. A decision needs to be made as to whether the content of these sites should remain publicly available after the Space Expectations SG is completed. The IAA will be approached to see whether they could be hosted on the IAA web site, possibly under the Commission VI pages.

6.9 Architecture of Space

The set of draft recommendations for various modules (human factors, simulator, tourism, education, commercialization, art) was finalized during the Glasgow IAC and has been presented to the IAA. No response has yet been received, though this was due for discussion by the BOT on 17 March.

6.10 50th Anniversary of the Space-Era Edition of the IAA Multilingual Dictionary

Version 2.1 of the dictionary has been published on the IAA Web site - it contains 2628 terms in 20 languages. An Arabic coordinator is still required and it is hoped that the dictionary could be made more visible. A new Study Group will be proposed to continue the work.

6.11 Space System Engineering Education

No further input has been received for this SG despite a number of reminders.

New Study Groups

Since several of the study groups are due to terminate in 2009, the Commission leadership is making suggestions for topics to its members and others interested.

Status of 3rd Space and Society Conference

The 3rd Space and Society conference will take place in parallel with the 2nd conference on Advanced Space Technologies for the Humankind Prosperity in Dnepropetrovsk, Ukraine from 15-17 April 2009. The topic is Space: The Human Dimension and a flyer on the conference was included in the IAC delegates bags. The deadline for abstract submission was extended for a third time, however, only a few abstracts were received mostly from Ukrainian and Russian authors. No information on the progress of the conference or the abstracts have been received from the organizers. In order to give some Western presence, a number of high profile individuals will be asked if they could present a paper. However, it will be necessary to subsume the conference into the main conference event.

Nomination of Officers 2009-2011

The following Officers were nominated to take over Commission VI in October 2009.

Chairman - Peter Swan (USA)

Vice Chairman - Geoffrey Languedoc (Canada)

Secretary - Olga Bannova (Russia)

This action has Dr. Swan becoming the Chair as Mr. Languedoc currently has time constraints and is unable to commit the extra effort to move from Co-chair (current position) to Chair. An application by Mr. Languedoc for election to Member is in process and will be voted upon this Spring.

The incoming officers are already working on establish a full slate of Commission members.

David Raitt

Chairman, Commission VI