

*Minutes for Commission VI, Space and Society*  
28 Sept 2008      0830 – 1200 hrs

**Chair:**                    **David Raitt**  
**Vice Co-Chair:**        **Geoffrey Langedoc**  
**Secretary:**             **Peter Swan**

1. Welcome: Dr. Raitt called the meeting to order. There were 15 people in attendance. They were: David Raitt, Geoff Langedoc, Peter Swan, Roger Malina, Keiken Ninomiya, Bernard Foing, Cathy Swan, Susmita Mohanty, Ingemar Skoog, Richard Clar, Paivi Jukkola, Olga Bannova, Vince Boles, Ivan Almar, Brent Sherwood, Naomi Mathers, Seth Shostak, Roger Lonard, Christophe Rothmund, Doug Vakoch, Yury Moshnenko, Jeff McClure, Clayton Mowry, Christian Lardier, Kerri Dougherty, Tanja Masson-Zwaan, 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 March 2009 Paris minutes: The Commission VI minutes from Mar 08 were approved by motion of members.

4. Overview of Glasgow sessions and related events: The summary was that the sessions in Glasgow will be well attended with authors and presenters. One of the problems was the "back out" of NASA and the restriction on many of its employees to attend. As a result, the Tech Transfer (and some other sessions) suffered from lack of chairs and rapporteurs. However, the combination of the Commission members ensured that there were commitments to cover all the sessions at Glasgow and to check on authors and try to find other presenters if certain authors were missing. There were major sessions in Technology Transfer, Space Expectations, Space Architectures, Engineering & Management, SETI, and interactive sessions. An international symposium entitled Less Remote: The Futures of Space Exploration - An Arts and Humanities Symposium, co-sponsored by IAA Commission VI and organised by Arts Catalyst and Leonardo/OLATS, will run in parallel with the IAC.

5. Progress on sessions and events for Korea: The sessions for Korea were refined and have been submitted. In addition, Roger Malina requested help in the establishment of a yearly cultural event to be consistent with the desires of the host nation. The current idea is that we would focus on the cultural aspects of space and society and work with the Korean interest in "new media." In addition, as per the briefing everyone received on Saturday night, there will be more sessions available in the venue in Korea, so we are free to add symposia or sessions as we see fit. Anyone with ideas in this arena of expansion, please contact the Commission VI leadership team.

6. Reports from current Study Groups:

6.3 Interstellar Message Construction

... is an outgrowth of SETI activities dealt with in Commission I. The group is working toward completion of the study, but a stumbling block occurred. The inputs from scientists, engineers, artists, SETI scholars and others have grown to 3 times estimated efforts. As such, the study will be extended toward a completion in Prague. This would be a celebration of the 40<sup>th</sup> anniversary of SETI and be conducted at the "home of SETI." Doug Vakoch has taken the action to aim at closing the study in Prague.

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 activities of the History SG activities continue apace with the History of Rocketry and Astronautics (Proceedings of the 33rd IAA History Symposium, Amsterdam, The Netherlands, 1999) being published. Recommendations for securing and increasing sales of history symposia publications have been made [essentially to restrict papers to 10 pages to cut costs and advertise more]. The continuation of the History SG book products are important to the history community at large and especially the space arena as it looks back toward the 50 years of progress. A set of ideas and proposals have been collected for the history celebrations of the 50th anniversary of the IAA in 2010 and have been submitted to the IAA. The two recommendations are:

1 – Designate the 50<sup>th</sup> anniversary of the Academy to be celebrated at the IAC in Prague.

2 – These celebrations would include a book prepared by the history study group and a special Academy Day with the 50th Anniversary theme. The request has been made to the Academy management that approval of this process occur during Oct of 08 so they can proceed on this large and complex task. In addition, the History SG has noticed that the situation has changed inside the space arena. We are not only creating history now [as we have done for the last 50 years], but historical events are happening with increasing frequency and must be prepared for and celebrated. The Study Group hopes to help sensitize the space arena to the need for recognition of these events as they approach.

#### 6.8 Space Expectations

... is on track with already nearly 1700 responses from all over the world due largely to the translations being available in six languages. The plan is now to keep the survey going as long as possible, but to finalize it by October 2009 when a formal summary of the Study will be made available. A summary of the study to this date is to be given by Dr. Raitt during the Glasgow IAC. A concentrated effort will again focus on marketing of the survey to some important and global players.

#### 6.9 The Architecture of Space: Tools for Development in the 21st Century

... A set of draft recommendations for various modules (human factors, simulator, tourism, education, commercialization, art) are to be finalized during the week of the Glasgow IAC. The discussions will also recommend final product form and content. It is expected to hold the final meeting at the end of the SG in Glasgow.

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

... is the continuation of the effort to produce a comprehensive, multilingual dictionary (lexicon) of space terms with an expansion of terms included, amounting to 3,000, and the number of languages brought to over 20. The current version is titled Multilingual Dictionary 2.0. The target completion date is Fall 2010, in Prague with a designation of MD 3.0. .

#### 6.11 Space System Engineering Education

... the work of reviewing and listing system engineering capabilities in companies and assessing university education programmes in the field has continued. There is a growing number of companies and universities included in the database and analysis. The work of the SG is expected to be completed by November 2009.

7. Status of 3rd Space and Society Conference, April 2009, Ukraine: David Raitt and Pete Swan will try to meet with the Ukrainian group to discuss the activities necessary to kick-off the S&S portion of the joint conferences: the 2nd IAA Conference on Advanced Space Technologies for the Humankind Prosperity, and the 3rd IAA Space and Society Conference, Space: the Human Dimension. The two symposia are being widely advertised and a flyer was included in the delegate bags.

8. 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. As a member of the IAF Space and Society Committee, Dr. Raitt has reported that the focus, of the IAF Space and Society Committee, is a modest type of marketing. Their aim is to include more societies from around the world in the IAF activities and to bring more aerospace societies

into the fold of space. Commission VI is cooperating with the IAF SEOCs committee in a joint session on astronomy and society in Korea. The idea of continuing this relationship at other IACs will be explored. There will be multiple discussions this week to refine the relationship between the IAF and IAA committees based upon similar names and responsibilities.

10. AOB

a- A concern is that the commission is continuing down the path of multiple sessions at the IACs without referring to the newly accepted guidelines, based upon Karl Doetsch's summary. The Commission VI leadership recognized this and suggested that our task is to reach out to the community that is not space. As such, Roger Malina's parallel sessions in India and Glasgow could be a model. Roger was not sure what to do in Korea on the culture and outreach side of our responsibilities; but, he suggested that at the Prague IAC, Commission VI again co-sponsor a symposium focused on "Water and Space."

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.

c- The Korean Congress offers much in the way of cultural understanding based upon common space activities and West/East approaches to various topics. The suggestion is that the Commission support a major plenary based upon Space Outreach [public outreach and education] in conjunction with Commission II.

d- As many of our study groups are quietly coming to an end, and the reports are going to be written, there is a need for members of Commission VI to think of, and propose, new studies that can be supported across the Academy.

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 4. The time is approaching to accomplish this task.

Peter Swan, Ph.D.  
*Commission VI Secretary*