

MINUTES – Prepared March 14, 2003

IAA COMMISSION V MEETING World Space Congress, Houston, Texas, USA Saturday, 12 October 2002

Location: George Brown Convention Center, Houston, Texas
Plenary Meeting: 14h00 - 14h30 Ball Room A 1
Commission Meetings 14h30 - 16h30 Hall D
Wrap-up session 16h30 - 17h30 Ball Room A 1

Attendance:

- Philippe Couillard
- John Logsdon
- Debra Facktor Lepore
- Patrick Eymar
- Claudia Kessler
- Alvaro Azcarraga
- Wendell Mendell
- Mukund Rao
- Fernand Alby
- Walter Flury
- Heiner Klinkrad
- Eric Shaw
- Dietrich Koelle
- M.G. Chandrasekhar
- Elisabeth Back-Impallomeni
- Dr. Kishnaswamy Kasturirangan

IAA COMMISSION V MEETING AGENDA

1. Welcome address

Ph Couillard

- Rotation of commission members will be conducted on an annual basis (see the bylaws)
- Reviewed criteria of study groups
- Noted that at the March 2002 meeting in Paris, only Philippe Couillard and Wendell Mendell attended. Need to have a better way to coordinate and encourage participation, such as a “meet me” call-in phone number.

2. Report on the Scientific Program Committee meeting, March 2002 **Ph Couillard**

- For Bremen, each IAA commission could sponsor up to 6 program committees per commission
- Per the new organization of the International Program Committee, program committees are now organized into “symposia”; there will be a new form for the Vancouver symposia

3. Report on Study group activity:

- Study group on space debris mitigation

Bonnal/Flury

- Space debris study expects to have final draft in Bremen or Vancouver
- Planning a 50 pg report that they would like to post on website

- Many standards for space debris around the world; trying to get coordinated (e.g., 600-700 satellites, 320 controlled in GEO); only 1/3 of operators adhere to the ITU recommendation to put satellites into graveyard orbit; the rest of satellites remain in original orbit and decay
- Held study group meeting that morning (25 people), discussed status and whether there is a growing convergence on launchers and satellites for orbital decay
- From Philippe Couillard: The study report must have concrete conclusions and recommendations, that could be taken forward to appropriate audience such as UN

- Study group on management rules for space operations Schrogl/Lala

- Extensive material posted on the IAA website (pre-planning stage)
- Current report in 3rd draft, with interdisciplinary connections to space debris
- Study group meeting will be held later in week
- From Philippe Couillard: Again, study needs to converge on concrete recommendations

- Study group on space to promote peace Kasturirangan/Becker (M. Rao, invited)

- Mukund Rao presented briefing with origination of study group and planned activities
- Planning session scheduled later in week to discuss study group organization, selection of study group members, schedule, etc.

4. Future Scientific programs

- Program committees for IAC Bremen Oct 2003 Facktor Lepore

- Bremen sessions are confirmed:
 - IAA.3 Symposium on New Business in Space and International Cooperation
 - IAA3.1 Longer Term Prospects for Space Commerce
 - IAA3.2 Crafting Productive International Agreements: Applying Experience to the Future
 - IAA.5.4 Space Traffic Management
 - IAA.11.4 4th UN Workshop on Small Satellites at the Service of Developing Countries – A Contribution to Sustainable Development

- Call for ideas for IAC Vancouver, Oct 2004 Facktor Lepore

- Discussed whether we have the same symposia, add more, delete, etc, in order to foresee the challenges of space in 2003 and beyond
- Observed that national and regional policy is covered in IAA3.2, but no place that fits new governmental policy
- Several ideas came forward:

- OPTION 1: Maintain IAA.3 (Symposium on New Business in Space and International Cooperation)
 - Slightly Modify IAA.3.1 to: Longer Term Prospects and Economic Drivers for Space Commerce
 - Modify IAA.3.2 to: Implementing Effective International Agreements: Avoiding Pitfalls
 - Add IAA.3.3: New Drivers for Space Policy: A 20-Year Horizon
 - Add IAA.3.4: Space to Promote Peace
- OPTION 2: Rename IAA.3 to: Symposium on Policy, Law and Economics (to match the name of Commission V)
 - IAA 3.1: New Drivers for Space Policy: A 20-Year Horizon
 - IAA 3.2: Implementing Effective International Agreements: Avoiding Pitfalls
 - IAA 3.3: Affording New Space Systems [or another economic-related topic, such as “Commercial Viability of New Space Systems, or New Space Systems in Era of Declining Markets, or Overcoming Obstacles to international Business Pursuits]
- Maintain IAA 5.4 Space Traffic Management
- Maintain IAA 11.4 5th UN Workshop on Small Satellites theme

5. How to stimulate and organize the commission work

All

- IAA Commission V home page and email activity All

- Need to establish Commission V home page on the IAA website
- Need to establish home page for each study group within the Commission V home page

- How to clarify the practical definition of a program committee All

- Discussed new study group ideas:
 - Acceptability of Nuclear Sources (see Wendell Mendell)
 - Economic Drivers

SUMMARY OF MEETING KEY POINTS

1. Request that IAA establish “meet-me” phone line for March Paris meeting
2. IAA Study Group Criteria should include: “Concrete result on a schedule” [this was subsequently adapted by the Scientific Activities Committee]
3. Vancouver: Generally keep the same format (depending on Bremen response) and add Space Policy Drivers session
4. Request that SAC clarify the definition between a “Symposium” and a “Program Committee”

For more information on the IAA meetings, please see the IAA website at <http://www.iaanet.org/>