

INTERNATIONAL ACADEMY OF ASTRONAUTICS

Study Group on Cost Effective Earth Observation Missions

Wednesday, April 9, 10:45 – 12:00

Room Ratsherrensaal

MINUTES

Attendance

Chairman: Rainer Sandau

Attendees: Fei-Bin Hsiao, Garth Milne, Doug McCuistion, Kaj Lundahl, Klaus Briess, Hussein Ibrahim, Rhoda S. Hornstein, Chris Lee, Marco D'Errico, Stanislav I. Klimov, Jaime Esper, Gottfried Konecny, Mike Cutter

1. Introduction/ General remarks

The chairman Dr. Sandau called to order. The agenda 1. Introduction/ General remarks, 2. Status of the Position Paper (PP) "Cost-Effective Earth Observation Missions", 3. Further actions and workshare of the PP was adopted as it is. The chairman explained the general situation and activities.

- Material of the Study Group on Small Satellite Missions for Earth Observation (SG SSMEO) is placed on the web site of IAA (www.iaa.net.org, Commission IV, Study Group)
 - SG Proposal Form
 - Memberlist (all members of the former Subcommittee on Small Satellites for Earth Observation plus further persons who asked to be adopted or are present at this meeting), see attachment A
 - Charter (attachment D)
- SG CEEOM is in this context a part of the SG SSMEO (mother SG), see attachment B
- Supporting activities :
 - Special Session on 4th IAA Symposium
 - IAC Bremen, Session on Cost-Effective Earth Observation Missions
 - IAC Vancouver, Session on Cost-Effective Earth Observation Missions

Meetings so far:

- 1st Redaction Committee (Rainer Sandau, Larry Paxton, Jaime Esper) meeting Mai 2002 in Washington: The first draft outline of the Position Paper (PP) was distributed to the potential members with the request for contributions
- Joint SG meeting at WSC in Houston, October 2002: Until now we had no reaction. → We need to change the schedule (shift 1 year) and need to get back our momentum we had in Subcommittee times to have a chance to cope with the revised time schedule.

2. Status of the Position Paper "Cost-Effective Earth Observation Missions"

- condensed draft outline to show the logic of the PP
- Draft outline detailed
- Goal of the today's discussion: What can be done to have a 1st Draft PP at the Bremen IAC; who is volunteering for which part of the PP

3. Further actions and workshare of the PP (Jaime Esper)

In order to form the content of the sections and subsections of the PP so far containing only general introductory paragraphs volunteers out of the present were sought and the authors' names added (PP outline see attachment C). Some appropriate authors (César Carmona-Moreno, Joint Research Centre; M. Krischke, RapidEye AG, L. Paxton, The Johns Hopkins University; Wei Sun, SSTL; S. McKenna-Lawlor, Space Technology (Ireland) Ltd.) not being present were suggested. Rainer Sandau will get in contact with them to get their approval. They will be sent the minutes including the PP outline as all the SG members.

It is the task of the named responsible for the main chapters to fit the inputs of the authors of the subsections together and to give the paper to the Redaction Committee Rainer Sandau (rainer.sandau@dlr.de), Jaime Esper (Jaime.Esper-1@nasa.gov), and Larry Paxton (larry.paxton@jhuapl.edu). Jaime Esper will compile the main sections to the 1. Draft of the PP to be presented at the Bremen congress (September 29, 2003).

4. AOB

- Establish the SG CEEOM site on the IAA home page with
 - “Charter” (Excerpt from Houston minutes)
 - Member list
 - Draft outline (consolidated)
 - Minutes of the Berlin meetingto be updated to show all contributors the last status (Action to Rainer Sandau).

- Next meeting:
 - Joint SG meeting (SG SSMEO & CEEOM) at IAC Bremen, 29 September 2003, lunchtime, room Danzig (befor Sesion IAA.11.1 Cost-Effective Earth Observation Missions).