INTERNATIONAL ACADEMY OF ASTRONAUTICS

SG Small Satellite Missions for Earth Observation (SSMEO) & SG Cost-Effective Earth Observation Missions (CEEOM)

Monday, 29 September, 2003, 17:30 – 19:00, Room: Danzig

MINUTES

Attendance
see Attachment 1

1. Welcome & Introduction
The chairman Dr. Sandau called to order. The agenda was adopted with no objections (attachment 2).

2. Approval of minutes of the Meeting on April 9, 2003 in Berlin
Dr. Paxton summarized the minutes of the meeting of April 2003 in Berlin. All action items are completed. With reference to status of No. 4 AOB: The IAA home page for SG CCEOM is only partially installed. It still needs to be completed.

3. Status SG SSMEO and CEEOM
All information about the study group's have been sent to all of the members. Members of SG CCEOM are all contributors to the Position Paper (PP). But all members of SG SSMEO were also informed about the status to give them the chance to contribute (fill in lacking parts or add to the existing content).

4. Status Session IAA.11.1 on IAC Bremen
All selected papers have been presented (see program attachment 3). Additionally, SSTL gave latest breaking news about the triple launch of their DMC satellites.

5. Plans for IAC Vancouver
As for Bremen also for Vancouver a session is planned, Small Satellites for Earth Observation – Cost-Effective Earth Observation Missions, which is intended to support the PP.

6. Results from Commission 4 meeting
The approval of the PP is shifted by one year.
A. Valenzuela is now Chairman of Commission 4 and R. Sandau the Vice Chair. H.-P. Roeser is member of the Board of Trustees of Section 1. With that constellation the small satellite community is well presented in IAA's management.
No Questions and comments from the floor on items 3, 4, 5, 6.

7. Position Paper status and activities
The contribution status (see attachment 4) is about 30 %. A couple of further contributions is announced from the attendees of the meeting and are also known from other authors. The discussions showed that we should like to accelerate the production of the PP and improve the contribution situation.

The IAA website for SG CCEOM needs to be fully installed. If IAA cannot provide us with the required resources we should post the actual version of the PP on the web at some other

site. SG members are informed about the website and about the changes of the content of the PP whenever they occur.

In the meantime the latest version of the PP is sent as PDF-file to all members of the SG's. It was agreed that the lacking parts are provided as soon as possible (in October), and transferred to Commission 4 for peer review by December 2003. Commission 4 transfers the reviewed PP to IAA-SAC for approval. With that time schedule there is the hope that the PP can be published immediately after the Vancouver IAC. The SG expects that it does not make much sense to delay the publication because the subject of the PP is highly time-sensitive.

8. AOB

Next SG meeting is planned at the Vancouver IAC.

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5. Plans for IAC Vancouver
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7. Position Paper status and activities
8. AOB

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Study Group on Small Satellite Missions for Earth Observation &
SG Cost-Effective Earth Observation Missions (CEEOM)

Monday, 29 September, 2003, 17:30 – 19:00, Room: Danzig

MEETING ATTENDANCE

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Session IAA.11.1 Small Satellites for Earth Observation – Cost Effective Missions

Last	First	Final no	Paper	Country
Varotto	Conrad	IAA.11. 1. 01	CONAE, Satellite Missions and Cost Effectiveness	ARGENTINA
Briess	Klaus	IAA.11. 1. 03	Cost Effective Design and Risk Reducation of the Bird Mission	GERMANY
Vaughn	Amanda	IAA.11. 1. 04	A Platform Approach to Small Satellite Design	USA
Mostert	Sias	IAA.11. 1. 05	Sunsat 2004 - Progress and Status	SOUTH AFRICA
Schulten	Daniel	IAA.11. 1. 06	RAPIDEYE - A Cost Effective Small Satellite Constellation for Commercial Remote Sensing	CANADA
Cutter	Mike	IAA.11. 1. 07	A Low Cost Hyper-spectral Mission	U.K.
Nakamura	Toshiyu	IAA.11. 1. 08	Micro-LabSat JAPAN	
Grillmayer	Georg	IAA.11. 1. 09	ILSE – First Laboratory Model of the Small Satellite Program at the University of Stuttgart	GERMANY