

# TOPICS FROM WITHIN

## AIAA Technical Committee on Communications Satellite

Yoshiaki Suzuki (CRL)/ Yutaka Kazekami (MELCO)

AIAA Technical Committee on Communications Satellite (TC-CS) was held at Hilton Bonaventure in Montreal, Canada on 25 and 26 October, 2001. TC-CS Meeting was held on 25 October and ICSSC-20 Progress Review on 26 October. (Meet me meeting by telephone was also prepared for the people who could not attend, however, only US members attended due to the time difference between Canada and Europe or Japan.)

### 25 October : TC-CS Meeting

After the introduction, the following 4 new members were introduced and accepted to TC-CS.

- Ms. Elizabeth Klein-Lebbink : Boeing Satellite Systems
- Mr. Bruno Perrot : SES Astra
- Mr. Sastri Kota : Loral Skynet
- Mr. Shel Kulick : Composite Optics, Inc.

Total number of TC-CS member is 38 ; 27 from US, 4 from Canada, 1 from France, 1 from International, 3 from Japan and 2 from Luxembourg.

Mr. Tom Butash(BAe Systems) has been selected as Vice Chairman. His term of responsibility is until April 2003, after that he will become TC-CS chairman until April 2005.

New Organization of TC-CS is summarized as follows.

- TCCS Chairman - Ron Smith, Vice Chairman - Tom Butash
- TCCS Secretary - Ed Elizondo
- TCCS Treasurer - Denis Curtin
- ICSSC General Chairs - ICSSC-20 Jack Rigley, ICSSC-21 Takashi Iida
- Subcommittee Chairs -
  - Awards Subcommittee: Joseph Balcewicz
  - Publications Subcommittee: Cal Cotner
  - Japan Forum: Takashi Iida
- Appointed Members - Thomas Brackey, Jerry Fiedziuszko

- European Liaison - Michel Bousquet



Report about JFSC by Mr. Suzuki

Activity reports of each Subcommittee were presented. Mr. Suzuki reported the activities of Japan Forum based on 3<sup>rd</sup> Annual General Meeting on 27 September 2001 focused on the performance from September 2000 to September 2001. At the 3<sup>rd</sup> Annual General Meeting, Dr. Taniguchi, President and CEO of

Mitsubishi Electric has been appointed as General Chair of JFSC instead of Dr. Sekimoto, Executive Adviser NEC Corporation. Also reported was that Dr. Kitazume had received the first JFSC Award.

After a brief report of ICSSC-20 was presented by Dr. Jack Rigley, Mr. Kazekami reported the preparation status of ICSSC-21. He proposed the change of date for ICSSC-21 from “14 through 18 April 2003” to “15 through 19 April 2003” to give extra time for preparation of the exhibition hall. All members approved his proposal. Theme of ICSSC-21 was suggested to change from “The Role of Satellite Communication for Information Infrastructure Reorganization” into “The Impact by Communications Satellite to Information Infrastructure” by reflecting the environment of Satellite Communications at the time of April 2003. JFSC agreed to consider this suggestion.

Mr. Ed Elizondo introduced the following TC-CS Web Sites.

- TCCS web site: [www.aiaa.org/tc/cms/](http://www.aiaa.org/tc/cms/) (Webmaster: Ed Elizondo (SS/L))
- ICSSC general web site: [www.aiaa-icssc.org/](http://www.aiaa-icssc.org/) (Webmaster: Ron Smith (TRW))
- ICSSC-20 web site: [www.icssc2002.com/](http://www.icssc2002.com/) (Webmaster: S. Race (EMC Canada))

After Ron Smith was selected as Chair, Web Site was utilized effectively. All materials of this TC-CS meeting were uploaded before meeting. His efforts with the updated web site help in

promoting a meaningful and successful discussion.

Candidate City for ICSSC-22 in 2004 was selected from West Coast of US. Reno, Phoenix and Monterey were considered. AIAA headquarter will investigate the meeting facility and hotel room availability in these 3 cities.

Finally, the next TC-CS meeting is scheduled on 12 or 14 January 2001 at Reno, Nevada.

#### 26 October : ICSSC-20 Progress Review

Review was held at same location as yesterday meeting, Hilton Bonaventure. After introduction of all attendee, the review was conducted by co-chair-ship of Dr. Jack Rigley, ICSSC-20 General Chair and Mr. Chris Hoeber, ICSSC-20 Technical Chair. ICSSC-20 will be held from 12 through 15 May 2002 at Montreal, Canada.



ICSSC-20 Progress Review

Initially only around 10 abstracts were gathered, however, due to by effort of all people, now more than 200 abstracts were gathered, and additional 20 to 30 is expected. 74 abstracts came from US, 81 from Europe, 31 from Asia, 13 from Canada and 2 from South America. In Asia, 28 came from Japan, 1 from China, 1 from Thailand and 1 from India. Time Table of Conference was

re-considered because more than 200 papers will be presented. Presentation time period for 1 paper was reduced to 25 minutes from 30 minutes.

Attendee visited meeting facilities to be used for ICSSC-20. Conference room is placed in the

basement of the Hotel, so, it will be convenient to all conference attendee. Large room next to the conference room will be used for Exhibitions. Due to the height restriction of Exhibition Hall, presentation will be limited. Exhibition Hall capacity will allow around 20 Exhibitors and these 20 Exhibitors are under discussion.

Colloquium Theme is “Satellite Broadband Access to the World: Key Business and Technology Considerations” and prepared for not only engineers but also businessman. Program and Speakers have been prepared as follows. More than 250 participants will be expected.

(8:30-8:45) Introduction: by Mr. Bill Nations

(8:45-10:00) Business & Financial Considerations: by Mr. Frank DiBello

(10:00-11:30) Systems and Special Considerations: by Dr. David Grybos

(1:00-2:30) Communications & Networks: by Dr. Vincent Chan

(2:30-3:30) Standardization and Production: TBD

(3:30-5:00) Panel Discussion; Moderator: by Mr. Mark Dankberg

Panelists: Astrolink, iPSTAR, SpaceWay, WildBlue, etc.

(5:00-5:15) Summary: by Mr. Bill Nations

Proceedings will be provided by CD-ROM, however, distribution through Web will be available. AIAA headquarter will study whether both CD-ROM and Web distribution will be possible within budget limitation.

Finally, all agreed to meet again at Montreal in May of next year.