

**Minutes**  
**(approved at ICC 2001, Helsinki, 13 June 2001)**  
IEEE Communications Society  
**Satellite and Space Communications (SSC) Technical Committee**

Meeting at GLOBECOM 2000, San Francisco, USA  
Wednesday 29 November 2000, 7:30 AM - 9:00 AM  
Garden Room, Fairmont Hotel  
by: Abbas Jamalipour, SSC TC Secretary

**1. Call to Order**

The meeting was called to order by the SSC TC Chair Iwao Sasase at 7:40 AM. Attendees introduced themselves.

**2. Apologies**

Received from John Everett

**3. Acceptance of Agenda**

The agenda was presented and is reflected in the outline of the minutes.

**4. Acceptance of Minutes of the Last Meeting**

The minutes of the last meeting held during ICC '00 in New Orleans, USA were presented and accepted.

**5. Conference Reports**

(1) GLOBECOM 2000 (San Francisco, USA), Iwao Sasase reporting

SSC received a total of 39 papers and 3 reviewers were assigned to each paper. 21 papers were accepted. SSC organized a symposium on Satellite Communications that included two technical sessions on "Satellite Network Protocols and IP QoS" and "LEO Network Architectures & Analysis", one tutorial on "Broadband Satellite Systems" and one panel "Realizing the Future Broadband Satellite Communications Services". The panel was very successful with more than 200 people attended. Iwao Sasase commented that the satellite topic can attract more people if it is considered to support Internet services.

(2) MILCOM 2000 (Los Angeles, USA), Ron Smith reporting

Ron was on the executive organizing committee due to TRW co-sponsorship. SSC sponsored two sessions. There was a strong satcom content as well as six tutorials given by well respected presenters.

(3) ICC 2001 (Helsinki, Finland), Takaya Yamazato reporting

More than 1100 papers have been submitted to the ICC 2001 and many of them are in high-quality. Therefore it may have higher acceptance rate than usual. SSC has received 32 papers and has been given 2 technical sessions, therefore there would be 16 papers to be accepted. Due to higher acceptance rate SSC might have one or one-half session more in final program. Due to late proposal of BAS sessions, SSC proposal has not been accepted by ICC 2000 TPC. SSC will not have any symposium or tutorial sponsored in ICC 2001.

(4) GLOBECOM 2001 (San Antonio, USA), Abbas Jamalipour reporting

Abbas Jamalipour attended at the GLOBECOM 2001 TPC meeting held in GLOBECOM 2000. Arthur Henly is the TPC Chair and F. Chang is the General Chair. It is found that GLOBECOM 2001 has not received any proposal for symposium from SSC and Richard Reeves (Technical Papers, GC01) has been advised by Abbas Jamalipour that SSC will have a symposium proposal soon. Abbas Jamalipour will act as the TPC for this symposium and the proposal will send to GLOBECOM 2001 soon. Due to location of the conference and satellite industry in the area, GLOBECOM 2001 wants a good contribution from SSC in organizing sessions and tutorials. SSC members are invited to submit their proposals for tutorials and panels to Abbas Jamalipour. The deadline for tutorials is 31 March 2001. In the proposal the Internet service over satellite will be emphasized.

(5) AIAA ICSSC 2001 (Toulouse, France), Ron P. Smith reporting

ComSoc is a technical co-sponsor of this conference and thus SSC is part of that. 350 abstracts were received. 50 sessions will be in this conference including poster sessions. There is a discount registration fee for IEEE and AIAA members. Web site is <http://www.aiaa.org/tc/cms/#Conferences>. ComSoc wants to be a financial co-sponsor for 2002, but AIAA prefers technical co-sponsorship. ComSoc will need to demonstrate our value to

AIAA in order to become a financial co-sponsor. SSC members can help by attending in 2001, submitting papers for 2002, and encouraging colleagues to do the same.

(6) ICC 2002 (New York, USA), Iwao Sasase reporting

Iwao Sasase attended the TPC meeting of ICC 2002. Mark Kao is the TPC Chair. It is assumed that there will be only symposia and no general conference at ICC 2002. SSC has no representatives to ICC 2002 but Guy Omidyar and Takaya Yamazato expressed their interests to be listed for ICC 2002 on behalf of ICC 2002.

(7) MILCOM 2001 (McLean, VA, USA), Ron P. Smith reporting  
SSC representative will be Patrick Talty.

(8) GLOBECOM 2002 (Taipei, Taiwan), Iwao Sasase reporting

The conference will be between November 17 and 21. Steve Chan is the General Chair and Li Shan Lee is the TPC Chair. It will be in downtown Taipei and both symposia and general conference are planned. There will be a maximum of 500 accepted papers. There will be two special workshops on "Technology development from past to future" and "Global information infrastructure in developing countries". 80 papers from SSC are required which may be co-sponsored by other TCs. Interested members for organizing symposium please contact Iwao Sasase.

(9) Other Conferences

Hamid Aghvami proposed to add PIMRC to the list of conferences discussed in SSC meetings. PIMRC 2001 will be in San Diego (30 September-3 October). Sastri Kota mentioned that a panel in PIMRC 2000 was related to satellite and thus the inclusion of PIMRC is a good suggestion. PIMRC 2002 will be in Lisbon, Portugal 15-18 September.

## **6. New and Old Business**

(1) SSC Long Term Planning and Budget

A copy of SSC TC Long Term Plan was circulated in the meeting by Iwao Sasase. Abbas Jamalipour proposed to introduce an award from SSC committee. Abbas Jamalipour to write a draft of this proposal and circulate in SSC mailing list for discussion.

TAC will provide \$1500 per year, available for each TC to use. Our committee should find out details and make plans for use. The proposed award will spend part of this budget.

(2) Strengthening Ties with other Committees

Ron P. Smith mentioned the tie with AIAA and Sastri Kota mentioned that it is good to have collaboration with AIAA both in system and networking areas.

(3) Sponsors and/or Support of Relevant International Conferences

- VTC 2001 Spring (Tel Aviv, Israel), Shalomi Arnon

Not presented

- IST 2001 (Tehran, Iran), Guy Omidyar

Guy Omidyar explained the CFP of the conference. He said that SSC has endorsed the conference.

(4) Tutorial / Workshop / BAS Proposals

- BAS Proposal from SSC for ICC 2001 (Helsinki, Finland), Takaya Yamazato

One BAS has been proposed but because it was late, it has not been accepted and will not be included in ICC 2001. Sastri Kota expressed his concern on why SSC has no symposium or tutorial in ICC 2001.

(5) Open Liaison Positions

There are open positions shown on the SSC web site. Interested applicants among SSC members, please send an email to the SSC Chair.

(6) Satcom Special / Feature Topic Issues

Sastri Kota might propose an special issue to IEEE Communications Magazine or IEEE Personal Communications Magazine, based on papers accepted for GLOBECOM 2000.

(7) SSC Newsletter and ComSoc e-News

Abbas Jamalipour explained the new Perspective Article section in SSC Newsletter. For Vol. 10, No. 2, November 2000 issue of the Newsletter, we have received 3 articles and one has been accepted and published. All three papers were good and the Newsletter Editor may increase the number of contributed articles in each issue of the Newsletter to two.

Abbas Jamalipour also explained the contribution of SSC in the electronic newsletter of IEEE ComSoc, e-News. SSC has had contributions in Vol. 3, No. 4 (August 2000) and Vol. 3, No. 5 (October 2000) of e-News. Malathi Veeraraghavan is the contact person from ComSoc for e-News correspondences.

**(8) Membership Goals / Recruitment of New Members**

Abbas Jamalipour mentioned about the use of ComSoc e-News in recruitment of new members for SSC. Sastri Kota proposed that it is good to encourage students to become IEEE member by providing some fund from the SSC TC budget.

**(9) Standards Organizations, Sastri Kota reporting**

Good contribution from satcom: 17 contributions in Geneva (ITU), IP over satellite ITU-T and ITU-R and good contribution in Ka-band. Interested members on these issues please contact Sastri Kota.

Harald Skinnemoen mentioned about broadband Satellite Management (BSM) and establishing contact with TIA on DVB. Two new standards GMR1 and GMR2 based on GSM (can be found on ETSI web site).

**(10) Any Other Business**

None

**7. Time and Place of Next Meeting**

The next SSC TC meeting will be held at ICC 2001, the morning of the second day of technical sessions.

**8. Adjourn** - The meeting was adjourned at 8:50 AM.

**Attendance:**

<u>Name</u>	<u>E-mail</u>	<u>Affiliation</u>
Iwao Sasase	sasase@sasase.ics.keio.ac.jp	Keio University
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