IEEE COMMUNICATIONS SOCIETY

Radio Communications Committee

Minutes from Meeting on November 15, 1995

GLOBECOM '95

Singapore

The Radio Communications Committee (RCC) meeting was opened at 5:37 PM by the RCC Vice-Chair, Marty Meyers. An introduction of the members attending (14) followed. The minutes of the RCC meeting at ICC '95 in San Francisco were approved with one correction: Carl Weaver had presented conference reports regarding SUPERCOMM/ICC '96 and ICC '97 on behalf of Vice-Chair Marty Meyers, who was unable to attend ICC '95.

There were no opening remarks presented on behalf of the RCC Chair, Jon Boe, who was unable to attend GLOBECOM '95.

The Technical Affairs Council (TAC) report was presented by Marty Meyers. The TAC voted to define a general policy statement to clarify the roles of future conference technical program committees with regard to the technical committees (TC), such as RCC. The TAC also voted to publish formal detailed guidelines, as a tutorial for future conference technical program committees. In the future, the Transmission and Access committee will be merged with the Optical Communications committee, and will be known as the Transmission and Access committee. The TAC has defined a key set of objectives regarding electronic centralized information distribution via the WorldWide Web. For more information, you may contact j.milizzo@ieee.org. A formal process is being created for electing IEEE Fellows within COMSOC. Each TC should name one Fellow Liaison representative. Please contact Marty Meyers if you are an IEEE Fellow and interested in being the RCC Liaison. The strategic plan for TAC was discussed, and particularly how to best recruit younger members. A current trend is for major companies to send fewer people to the larger COMSOC conferences, so it seems highly desirable to involve people through having more mini-conferences. However, since there are currently 21 TC's, coordinating and maintaining focus to avoid having too many mini-conferences is a key issue.

There was no Editor's report. Marty Meyers commented that it would be highly desirable to obtain an Editor's report in writing, in advance of future RCC meetings.

Liaison Activities

Paul Lemson reported information on behalf of Ted Rappaport and Jon Boe regarding MILCOM '95, VTC '96, and MILCOM '96. RCC was involved in organizing and chairing a half-session on Phased Array Antennas for terrestrial and satellite applications at MILCOM '95, and the session was chaired by Paul Hartmann. The conference was held on November 5-8, 1995 in San Diego California USA, and the attendance was about 1400. There were about 250 papers and 35 exhibitors. The conference theme was "Universal Communications". The trend is quite apparent toward convergence of military and commercial communications, with military applications employing greater use of commercial off-the-shelf subsystems. A tutorial on wavelet transform and its applications was well-attended. Also, the use of Turbo codes has produced performance results which are reportedly within 1.5 dB of the Shannon capacity bound, and this is clearly an emerging area of research. Other key areas of interest included adaptive arrays and interference reduction. MILCOM '96 will be held in early November, in Reston Virginia USA.

VTC '96 was held in Atlanta April 28-May 1. Over 500 papers were submitted, and 330 papers were accepted, as well as 100 papers for poster sessions. The overall acceptance ratio was 55%.

Conferences

Marty Meyers reported that the total attendance at ICC '95 in Seattle was about 1200, and that RCC sponsored or co-sponsored 6.5 sessions.

Takeshi Hattori reported that ICUPC '95 in Tokyo had a total attendance of 450, representing 21 countries.

Paul Lemson reported that for GLOBECOM '95 in Singapore, the RCC sponsored or co-sponsored a total of 9 sessions, of which three were sole sponsored, 4 were co-sponsored with TCPC, and 2 were co-sponsored with Computer Communications committee.

Marty Meyers reported regarding ICC '96 (Dallas - June 23-27, 1996) that 633 papers were received, with about 300 from North America, 140 from Europe, and 180 from Asia. There will be 19 tutorials and 2 workshops, as well as many 200-level sessions and panels. Ferdo Ivanek and Andy Kucar are working on arranging a panel. The RCC received 58 papers and requested another 20 for review, for which RCC had secondary responsibility. Although RCC and other TC's will not formally "sponsor or co-sponsor" any sessions, RCC was involved in organizing a total of 8 sessions, of which 3 are sole organized, 2 are with Communications Theory, and 3 with TCPC. Mahbub Hoque is working on organizing a panel discussion on "EMC Issues for Wireless Development".

Paul Lemson reported that for GLOBECOM '96 in London (November 18-22, 1996), a total of 50 sessions are planned with 9 parallel tracks. There will be a Communications Theory mini-conference. As was the case with ICC '96, the session abstracts will be distributed via WWW. Paper acceptance notices will be mailed on July 5, and final session definition is scheduled for July 10. Camera-ready copies are due on 23 August.

Marty Meyers reported regarding ICC '97 (Montreal - June 8-12, 1997) that there will be 48 sessions. There was much discussion at the TPC meeting about 200-level sessions which would be known as "Services, Applications, and Systems" sessions. Marty suggested that RCC have a major role in organizing these sessions. Marty also thought that the TAC and conference TPC's may return to "sponsored" sessions in the future.

ICUPC '96 will be held in Boston-Cambridge, Massachusetts USA from September 29-October 2, 1996.

PIMRC '96 will be held in Taipei, Taiwan October 15-18, 1996.

GLOBECOM '97 will be held in Phoenix November 4-8, 1997.

A request was made for RCC members to solicit papers for future conferences regarding radio technology field trial results.

RCC Technical Program Subcommittee
Paul Lemson discussed the results of the TPS meeting. (see attached Subcommittee Minutes for more details)

Old Business
There was no old business.

New Business
A proposed amendment to the Technical Program Subcommittee charter was submitted by Paul Lemson, based on discussions which took place at TPS and RCC meetings in Seattle at ICC '95. The amendment would change the roles of RCC Vice-Chair and Secretary so that responsibility for liaison to upcoming ICC and GLOBECOM conference TPC's will be assigned to individual TPS members or

RCC members at large. Paul made a motion to accept the Proposal, which was seconded. One amendment to the Proposal was suggested during discussion of the motion which was to strike the words, "In no case will any RCC or TPS member be asked to serve as primary TPC liaison more frequently than one COMSOC conference during a 2 year period. The motion (as amended) was approved. The amended Proposal is attached.

The next item of New Business was the Election of RCC Officers. Marty Meyers was elected to be RCC Chair and Paul Lemson was elected to be RCC Vice-Chair, both for 2-year terms. There was one nomination for Secretary, Mehmet Ulema of Bellcore. Since Mehmet had not yet agreed to serve if elected, the election for RCC Secretary was tabled until the RCC meeting at SUPERCOMM/ICC '96.

The next item of new business was a motion by Marty Meyers to re-structure the Technical Program Subcommittee, so that unlike the current organization with 6 regular TPS members, there would in the future be 4 regular TPS members and two ex-officio members (the Vice-Chair and Secretary). The motion was seconded and approved.

The need to identify an IEEE Fellow liaison was brought up for discussion. RCC members who are candidates include Pete Arnold, Phil Balaban, Don Cox, Larry Greenstein, and Bill Rummler. Marty Meyers will contact RCC members who are Fellows to identify a suitable representative.

Marty Meyers asked for a volunteer to be involved in setting up an RCC WWW page. Marty also said he was pursuing getting an IEEE server set up for distribution of RCC notices.

The meeting was adjourned at 7:06 PM.