IEEE COMMUNICATIONS SOCIETY

Radio Communications Committee

Minutes of the Meeting on November 6, 1997

Globecom '97, Phoenix, USA

May 20, 1998

1. The Radio Communications Committee (RCC) meeting was opened at 5:00 PM by the RCC Chair, Marty Meyers. An introduction of the members attending (15) was followed.

2. The minutes of the RCC meeting at ICC '97 in Montreal were reviewed and approved. There was one minor correction made: The TCP rep for GC '98 is R. Valenzuala, not P. Lemson.

3. The Technical Affairs Council (TAC) report was presented by Marty. The following points were made:

- TAC is trying to get the Committee's more involved.

- TAC wants COMSOC go after "hot" areas.

- As far as the coordination of wireless strategies and actions within COMSOC, the following possibilities were discussed: 1) A "home" for journals and conferences 2) Merging ICUPC and PIMRIC. A steering committee was formed to address the following issues: 1) A plan for a joint ICUPC and PIMRIC conference, the first of which would be held in New Orleans in 1999. 2) A plan for publications: two possibilities are being discussed: a.) Create a new journal on wireless communications. b.) Have 3 special wireless issues on JSAC, which would start in 1999. If the special issues are successful, then plan for a full journal on wireless.

- MILCOM is trying to build a base for the European engineers and scientist. A conference, EuroMilcom is being planned in 1999.

- Interactive Magazine, an electronically published COMSOC magazine is looking for regional editor. Anyone interested should contact Walter Ciesluk at his email address, wceisluk@mitre.org

4. Liaison Activities:

- VTC - No official liaison was present. Some embers attended the conference and reported that it was a very successful conference with large attendance. This traditionally informal conference is becoming more formal and multitrack.

- There was no report on MTT

- MILCOM - No official liaison was present. Paul indicated that he received an email from MILCOM asking for our committee to sponsor sessions for MILCOM '98. Anyone interested should contact Paul.

5. Conference Reports:

- Globecom '97 - Paul reported that the committee reviewed about 80 papers. As a result, we sponsored 13 sessions. Paul observed that he did not see any session on

propagation.

- ICC '98 - Marty reported that the TPC had the final sessions formed. There were 540 papers submitted. The acceptance ratio was 63%. Our committee is sponsoring 6 sessions: Algorithms and Performance of CDMA, OFDM systems, Wireless Access, Advances in GSM, and Implementation of CDMA. Anyone interested in chairing a session should contact Marty.

- Globecom '98 - Paul reported the TPC meeting he attended. The rep for our committee for this conference is Reinaldo. The conference will be November 8-12, 1998 in Sydney, Australia. The conference will include a number of systems and applications sessions with invited speakers. Each submitted technical paper will be sent to as many a 3 technical committees, to help ensure a balanced score.

- ICC '99 - Marty is our rep for this conference. Paul covered this meeting for Marty. The conference will be in June 99 in Vancouver. The deadline for submitting papers is August 15, 1998. Vijay Bhargava is the chair for TPC. Each technical committee will provide 3 reviews for its assigned papers.

- Other conferences:- The following is a list of other related meetings and conferences:

- - June 98 - Virginia Tech Symposium
- - Oct 98 - ICUPC in Italy
- - Globecom 99 - in Rio, Brazil
- - ICC 2000 - New Orleans
- - Globecom 2000 - San Francisco
- - ICC 2001 - Helsinki
- - ICUPC '99 - New Orleans

6. Technical Program Subcommittee Report

Paul Lemson reported that a number of technical session, workshop, or panel discussion topics were suggested for future conferences:

- Fixed Wireless / Wireless Local Loop
- IMT-2000 Third Generation Systems
- Smart Antennas and Adaptive Equalization
- Wireless Channel Modeling and Propagation
- Wideband CDMA
- Advances in CDMA Systems
- Wireless Multicarrier and OFDM Systems
- Radio Technology Advances
- Spectrum Engineering
- Mobile Radio Centennial
- Mobile Sattelite/Terrestrial Systems
- Broadband Wireless Technologies
- Panel: Radio Technology Evolution and Trends
- Countermeasures for Wireless Channels

There was discussion on the need for this subcommittee and on the need for a separate meeting. It was indicated that the same items (conferences, sessions, etc.) are discussed in both TPS meeting and the RCC meeting. Marty explained that the purpose was to have a small group to discuss the conferences , sessions, etc, and make report to the RCC. But, he indicated that the membership list was lost. Paul explained that numerous members of RCC, TCPC, and Communications Theory committees have been providing reviews for radio-related sessions and can be

readily contacted via E-mail to serve the same basic purpose as the Subcommittee has. There was a general agreement to discontinue with TPS scheduled meetings. It was suggested that the conference

reps continue the interactions through email, WEB, etc. Regardless of whether the subcommittee actually meets in person, a possible need was also identified for a "Designated/Formal" open membership status for the Subcommittee in case anyone needs to be formally "elected" in order to be able to participate in organizing conference sessions.

7. Election of the new officers:

Paul Lemson, Mehmet Ulema, and Marty Meyers were nominated for the Chair, ViceChair, and Secretary positions, respectively. The committee elected the nominees unanimously.

8. Old Business

There was no old business.

9. New Business

There was a request to come up with a list of session proposals (and volunteers to organize these sessions) that can be used for the upcoming conferences. The following list was compiled:

- - Wireless ATM Physical Layer Issues
- - Advanced CDMA Issues (A. El Hakeem)
- - Congestion Control in CDMA
- - Multimedia CDMA
- - Smart Antennas and Equalization
- - Wireless Access Methods (T. Tsiligirides)
- - OFDM (A. Czylwik)
- - Congestion Control for CDMA

10. The meeting was adjourned at 6:30 PM.

ATTENDEES:

- Marty Meyers - Lucent Technologies
- Wen-Yi Kuo - Lucent Technologies
- M. Mattern - Consultant
- David Everitt - University of Melbourne
- M. Ulema - Daewoo Telecom
- Reinaldo Valenzuela - Lucent Technologies
- Andrea Czyluik - Deutsch Telecom
- Istvan Frigyes - Budapest Technical University
- Ross Murch - HKUST
- Bob Blake - BT Laboratories
- Walter Honcharenko - Lucent Technologies
- Ahmed K. Elhakeem - Concordia University
- Marco Chiani - University of Bologna
- Theodore Tsiligirides - Agr University of Athens