

## TC Recertification Questionnaire - 2006

### DEMOGRAPHICS

DATE:

1. TECHNICAL COMMITTEE (TC) NAME:  
**Satellite and Space Communications Technical Committee**
2. TC CHAIR:  
**Prof. Mario Marchese**
3. YEARS IN POSITION:  
**3 months (elected June 2006)**
4. YEAR OF NEXT ELECTION:  
**June 2008**
5. REPORT AUTHOR: **Mario Marchese**  
AFFILIATION: **Department of Communication, Computer and System Sciences (DIST) - University of Genoa**  
E-MAIL ADDRESS: **mario.marchese@unige.it**  
PHONE: **+39-010-3536571**  
FAX: **+39-010-3532154**
6. NUMBER OF TC MEMBERS:
  - 2004: **178**
  - 2005: **190**
  - 2006: **205**
7. AVERAGE (LAST 3 YEARS) NUMBER OF ATTENDEES TO TC MEETINGS:  
**21**
8. TC URL:  
**<http://www.comsoc.org/~ssc/>**
9. HOW OFTEN IS WEBSITE UPDATED?  
**It is updated on request and on the average of once every month. Minutes of the last TC meetings and newsletters are uploaded to the TC webserver immediately after the closure of the meetings. After the election of the new officers in June 2006, the design of the webpage has been entirely changed to make to browse easier for the community members and other visitors in general. Information on newly joining/already existing members are added/updated upon request.**
10. TC E-MAIL EXPLODER:  
**E-mail distribution is automatically managed through the web site:<http://cassius.ee.usyd.edu.au/mailman/listinfo/ssc>**  
**The mechanism is fully reported in SSC TC web site, whose URL is reported above**

11. IS THERE AN OFFICIAL MEMBERSHIP LIST? (if not, describe membership criteria): **Yes, there is. It is reported in the web site under "Membership" information.**

12. DO YOU HAVE A POLICY&PROCEDURES DOCUMENT ABOUT:

- Definition of elected and appointed officers, as well as nomination and election procedures; **Yes, there is. The rules and the officers' duties are also reported in the web site. (click on "About Us" from the site menu)**
- Membership criteria; **Yes. Information in the web site.**
- Planning, announcement and conduction of TC meetings; **Yes. Information in the web site. (click on "About Us" from the site menu)**
- Budget and expenses; **500 \$ are provided by IEEE/COMSOC for each year. This budget is mostly (entirely during last and present year) used for the "Satellite Communications Distinguished Service Award" annually given by the committee to researchers with the most significant contribution and research work in the field of satellite and space communications. For more details about the award, see point 21.**
- Support of COMSOC activities, such as publications, meetings and membership development; **Yes. The list of publications endorsed by SSC TC is reported in its website (see "About Us" from the menu of the site. SSC TC provides also an award each year. It is described in the remainder of the report.**
- Information dissemination activities, such as newsletter and web pages; and other areas as appropriate; **Yes. As stated above, all minutes, newsletters, and other relevant documents are promptly uploaded to the webserver of the TC. Messages are then sent to the mailing list of the TC to notify the members of the update.**
- When was your P&P document updated last time?  
(if these points are not included in your P&P document, it should be reformulated appropriately and approved): **it was revised in June 2004 concerning officers' duties.**

### DISCIPLINES

13. TC CHARTER (as it appears in your website):

**The Committee facilitates technical interchange in the field of satellite and space communications. The Committee explores the evolution of new satellite and space-based systems and the application of new and emerging technologies. The Committee maintains a keen interest in the development and maintenance of standards in this area. Specific technologies of current interest include:**

- Satellite-based personal communications systems (PCS) and networks.
- ISDN and BISDN applications and networks via satellite including ATM.
- Mobile satellite communications systems.
- Advanced modulation/demodulation and on-board signal processing
- Direct broadcast television and high-definition television.
- Very small aperture and handheld satellite systems and networks.
- Ka band (20 and 30 GHz) satellite communication systems.

14. OTHER TCs WITH PARTIAL OVERLAP IN AREAS OF INTEREST: No overlapping with other TCs.

#### ACTIVITIES

15. CONFERENCES/WORKSHOPS/SYMPOSIA/PANELS YOUR TC IS ACTIVELY INVOLVED (specify for each your involvement, such as having members in TPC, having endorsed COMSOC co-sponsorship, and also a few statistics you deem useful, such as number of attendees, submissions, acceptance rate, etc.; please specify if the events are/are not cosponsored by COMSOC):

The main activity of the TC concerns the dissemination of the results produced by the Satellite and Space Communication community. To reach the aim, many conferences have been sponsored and co-sponsored. A list with the main conferences organized by SSC TC members/sponsored by the TC/heavily involving SSC TC Members in the TPC, has been reported.

#### Activities at ICC and Globecom

(organizing activities are mentioned first, scientific activities where members of SSC TC had a role (speakers, session chairs) and, simply, deep interest are reported after organizing activities; all these activities were reported within SSC TC Newsletter, distributed at ICC and GC to stimulate the participation of all SSC TC Members)

- ICC'03: SSC TC Members included in the TPC of different Symposia. Scientifically SSC TC Activities are related to Track 9 related Broadband Wireless & Satellite Communications.

- ICC'04: Wireless Networking Symposium Vice-Chair, Romano Fantacchi (SSC TC Member), University of Florence, Italy. Scientifically SSC TC Activities are related to: TUTORIALS: T23 - ARCHITECTURE AND REQUIREMENTS OF NEXT-GENERATION WIRELESS NETWORKS, Instructor: Abbas Jamalipour, University of Sydney; TECHNICAL SYMPOSIA: Session QS12: Wireless Networks, Session WC12: Satellite and Optical Wireless Communications, Session WN09: Quality of Service Issues I, Session WN19: Topics in Wireless Networks; EXECUTIVE AND EXPERT PANELS P-6- The Role of Satellites in Future Broadband Networks, Organizer: Riccardo De Gaudenzi, Head of Communications Systems Section, European Space Agency, Panelists: Roberto Campitelli, Chairman Hughes Network Systems Europe; Olivier Guilbert, Alcatel Space Systems and Network Marketing Director; Benjamin Pontano, President, Viasat Comsat Labs; Harald Skinnemoen, R&D Product Manager, Nera SatCom (SSC TC Member)
- ICC'05: Next Generation Networks for Universal Services Symposium Co-Chair, Abbas Jamalipour (SSC TC Past Chair), University of Sydney, Australia. Symposium sponsored by SSC TC, many SSC TC Members in the TPC of this Symposium. Scientifically, SSC TC activities are related to: All TUTORIALS: Tu01: Wireless Broadband Communications, Instructor: Prof. K. C. Chen, Tu11: Next Generation Networks and Internet, Instructor: Abbas Jamalipour, University of Sydney, Australia; TECHNICAL SYMPOSIA: NG01 - Mobile Network Architectures and Services, NG05 - TCP, NG06: Satellite Services, NG10: Novel Schemes for Service Provisioning, GC02: Resource Allocation, MC02: Multimedia Coding and Transport over Wireless Networks I; BUSINESS APPLICATION SESSIONS: Broadband Wireless Services & Applications, Internet Technologies for Communication.
- ICC'06: Next-Generation Mobile Networks Symposium Co-Chair, Abbas Jamalipour (SSC TC Past Chair) University of Sydney, Australia and Pascal Lorenz (SSC TC Member), University of Haute Alsace. Symposium sponsored by SSC TC, many SSC TC Members in the TPC of this Symposium. Scientifically, SSC TC activities are related to: TUTORIALS & WORKSHOP W01 NEWCOM Workshop on Wireless Communications, Chairmen: A. Polydoros, S. Palazzo, P. Duhamel, T06 Wireless Network Standards and Their Convergence, Instructor: Prof. H Anthony Chan, University of Cape Town, South Africa; T16 Traffic Engineering and Quality of Service Management for IP-based Next Generation Networks, Instructor: Prof. George Pavlou, University of Surrey, UK, W04 Workshop on IP over Broadcasting Networks, Chairman: Charalabos Skianis; TECHNICAL SYMPOSIA: CQ-17 Performance of Wireless Networks, NG-02 Transmission Techniques in NGN, NG-03 Advanced Technologies and Applications, NG-05 Satellites in NGN, NG-11 Voice over IP in NGN, NG-12(P) Topics in Next Generation Mobile Networks, SP-11 Wireless Communications, WC-49 Wireless Networks.
- ICC'07: COMMUNICATIONS QoS, RELIABILITY AND PERFORMANCE MODELLING Symposium Co-Chair, Abbas Jamalipour (SSC TC Past Chair), University of Sydney, Australia. Symposium sponsored by SSC TC, many SSC TC Members in the TPC of this Symposium. The

Symposium is an example of collaboration with the Communications Systems Integration & Modeling TC.

- GC'03: SSC TC Members included in the TPC of different Symposia. Scientifically SSC TC activities are related to: Workshop-5, "Multimedia Broadband Satellite Communications Systems"; Tutorials: T-07, "Space-Time Signaling", T-14, "Mobile Internet and the Network Security", T-16, "Emerging Technologies for Next Generation Networks", T-18, "Technologies for Next-Generation Wireless Internet", T-19, "Smart Antennas for Wireless Systems", T-24, "Applications of the Viterbi Algorithm or How I learned to love the Trellis"; Wireless Communications Symposium: WC-17, "Reliable Transport in Heterogeneous Wireless Networks", WC-29b, Room A2, "Satellite & Space Communications", General Conference: GC-1, "Performance and Optimization", GC-2, Salon 14, "Modulation and Coding", GC-12, Salon 15, "High-Speed Networks".
- GC'04: WIRELESS COMMUNICATIONS, NETWORKS, AND SYSTEMS Symposium Co-Chairs: C.K. Toh, Northrup Grumman, USA, Boon Sain Yeo, Institute for Infocomm Research, Singapore (both SSC TC Members); SSC TC Members included in the TPC of different Symposia. Scientifically, SSC TC activities are related to: TUTORIALS: Tu02: Architectures and Protocols of the Wireless IP, Instructor: Abbas Jamalipour, University of Sydney, Australia; TECHNICAL SYMPOSIA: WC04: Satellite Communications, WC06: TCP, CT06: Sensor Networks and Cross-Layer Optimization, CT07: Turbo Codes, GE03: Traffic Modeling, GE07: TCP, GE13: Coding and Modulation II; DESIGN AND DEVELOPERS FORUM: Next Generation Wireless Systems and Devices, Technologies for Next Generation Networks, Emerging Mobility Communications Technologies.
- GC'05: WIRELESS COMMUNICATIONS Symposium Chair, Abbas Jamalipour (SSC TC Past Chair) University of Sydney, Australia, Symposium sponsored by SSC TC, many SSC TC Members in the TPC of this Symposium. Scientifically, SSC TC activities are related to: TUTORIALS & WORKSHOP: TU-07 - IEEE Standards and Cellular-Based Broadband Wireless IP, Presenter: Abbas Jamalipour, University of Sydney, Australia, WO4: Advances in Satellite Communications: New Services and Systems, Session Organizers: Sastri Kota (SSC TC Member), Harris Corporation, USA, Giovanni Giambene (SSC TC Member), University of Siena, Italy; TECHNICAL SYMPOSIA: CT04 - Performance Analysis, SP03 - Signal Processing Poster, WC27 - Satellite Networks, GC10 - Wireless Systems and Networks, WC41 - Queuing and Scheduling, NI08: Congestion control, WC15 - OFDM III: TELECOM BUSINESS FORUM: Networks Communications: Wireless Issues, Wireless Communications: Tue 29 Nov, 4:00pm - 6:00pm
- GC'06: Satellite and Space Communications Symposium Co-Chairs: Michael Hadjithodosiou, University of Maryland (SSC TC Past Secretary), Abbas Jamalipour, University of Sydney (SSC TC Past Chair), Mario Marchese, CNIT - University of Genoa (SSC TC Chair); Symposium sponsored by SSC TC, many SSC TC Members in the TPC of this Symposium.

#### OTHER CONFERENCES

##### 2003 activity

- ICSSC 2004 (Monterey, CA). AIAA International Communications Satellite Systems Conference (ICSSC) has been officially a ComSoc Technical Cosponsored event with SSC TC endorsement since 2002 through 2004. ICSSC 2004 contained six parallel sessions dedicated to satellites. SSC has also endorsed-cosponsorship in 2005.
- SSC has also endorsed the following conferences: TELSIKS 2003 (International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Yugoslavia); CriMiCo 2003 (International Crimean Conference on Microwave and Telecommunication Technology); and GSAW 2004 (Ground System Architectures Workshop).
- SPECTS'04: the International Symposium on Performance Evaluation of Computer and Telecommunication Systems held July 25-29, 2004, San Jose, California SSC TC has been fully represented: Vice General Chair: Franco Davoli; Program Chair: Abbas Jamalipour; Vice Program Chair and Special Sessions Chair: Jose Luis Marzo; Vice Program Chair and Tutorial Chair: Mario Marchese. All mentioned people had and have an official role within SSC TC (officers and members)..
- Other conferences have been also of interest to SSC: China Satellite Conference; Russian Satcom Conference (held in even years); VTC 2003 Fall (Orlando): One symposium on satellite communications planned.

#### 2004 activity

- Cosponsored: 11th KA and BROADBAND COMMUNICATIONS CONFERENCE / 23rd AIAA INTERNATIONAL COMMUNICATIONS SATELLITE SYSTEMS CONFERENCE (2005 JOINT CONFERENCE) - 25-28 September 2005, Rome, Italy
- MILCOM 2004: held at Monterey, CA, USA, Oct. 31 - Nov. 3, 2004. MILCOM 2004 has focused on capabilities enabled by harnessing the power of new and emerging communications and information systems technologies. SSC TC members has been invited to check the program.

#### 2005 activity

SSC has endorsed several conferences:

- International Conference on Information and Communication Technologies: From Theory to Applications (ICTTA'06) held in Damascus, Syria on 24 - 28 April 2006.
- IWSSC2005, September 2005, Siena, Italy; The scope of the workshop included a wide range of technical challenges in view of the growing interest for satellite access to Internet, multi-media and broadband access to satellite communication systems, the evolution of future satellite communications with access across hybrid platforms, the definition of a cross-layer design for improving the efficiency and the performance of the air interface.
- MILCOM2005, Oct. 17-21, Atlantic City, NJ (Sastri Kota)

- 3rd Advanced Satellite Mobile Systems Conference (ASMS 2006), 29-31 May 2006, Herrsching, Germany; ASMS events, this conference has now become a paramount opportunity for industry and research institutions to get the latest updates and exchange information about recent advances and emerging technologies for mobile, broadband and broadcast satellite communication systems for the academy and the industry. The Conference is organised by the Institute for Communications and Navigation of DLR on behalf of the Advanced Satellite Mobile Systems Task Force (ASMS-TF), in cooperation with ESA-ESTEC, the Satellite Communications Network of Excellence (SatNEx) and the MoSSA Specific Support Action from the European Commission.
- 11th International Workshop on Computer Aided Modeling and Design of Communication Links and Networks (CAMAD'06), June 8-9, 2006, Trento, Italy.
- AIAA International Communication Satellite Systems Conference (ICSSC), 11-15 June 2006.
- 7th International Symposium on Computer Networks (ISCN 2006), 15-16 June 2006, Istanbul, Turkey.
- 2006 Tyrrhenian International Workshop on Digital Communications (TIWDC'06), Satellite Navigation and Communications Systems, September 6-8, 2006, Island of Ponza, Italy.
- Second International Workshop on Satellite and Space Communications (IWSSC 2006), 14-15 September 2006, Leganes-Madrid, Spain.

### Newsletters

TC Newsletter is published twice per year, distributed at ICC and Globecom, e-mailed to TC members and posted permanently on SSC TC website.

SSC TC Newsletter is edited by SSC Vice-Chair and it is structured as follows:

- 8 pages
- How to join SSC Committee and mailing list
- Message from the Chair, which is the message of the Chair to the Members at each ICC and Globecom.
- Scanning the World, written by the Vice-Chair, contains the recent novelties and activities of interest for the satellite community
- Conference Calendar, which contains the main conferences of interest for the satellite community
- Perspective Article, which is structured in 3 double columns pages, formatted as IEEE Communications Letters; it reports a contribution of one or more SSC Members concerning topics of interest for the community. It can be either a research or a tutorial contribution.

16. PUBLICATIONS YOUR TC IS ACTIVELY INVOLVED (such as having members as Editor in Chief, associate editors, etc.; please

specify the kind of involvement and whether the publications are IEEE or not):

#### **Magazine:**

- IEEE Wireless Communications
  - o Editor in chief, Prof. Abbas Jamalipour (Past Chair of SSC TC).
  - o Associate Editor, Prof. Mario Marchese (Chair of SSC TC).
  - o "Scanning the Literature" columnist, Dr. Tarik Taleb (Secretary of SSC TC)
- International Journal of Communications Systems (Wiley)
  - o Editor in chief, Prof. Mohammed Obaidat.
  - o Associate Editor, Prof. Mario Marchese (Chair of SSC TC).
  - o Many others SSC TC Members are Associate Editors (Franco Davoli, Erina Ferro, Romano Fantacci, ...)
- Many SSC Members have an active role as Associate Editors in important IEEE and non-IEEE international scientific journals and magazines, as well as Journal of Communications and Networks (JCN), the International Journal of Sensor Networks, and the International Journal of Business Data, Communications and Networking

#### **Special Issues:**

- o IEEE Journal on Selected Areas in Communications (J-SAC) in February and April 2004, on the topic of "Broadband IP Networks via Satellites". Guest Editors: Guest Editors Abbas Jamalipour, Satchandi N. Verma, Jason Neale, Mario Marchese, Haitham S. Cruickshank.
- IEEE Wireless Communications - Special Issue on Key Technologies and Applications of Present and Future Satellite Communications - Guest Editors Prof. Abbas Jamalipour (Past Chair of the TC) and Prof. Mario Marchese (Chair of the TC); October 2005, vol. 12, no 5.
- IEEE Wireless Communications - Special Issue on The Synergy of Space and Terrestrial Communications in Next-generation Hybrid Wireless Systems - Guest Editors Prof. Antonio Iera (SSC TC Member), Prof. Antonella Molinaro (SSC TC Member), Dr. Ki-Dong Lee (SSC TC Member) and Dr. Apostolis Salkintzis (SSC TC Member); October 2005, vol. 12, no 5.
- Publication of a Feature Topic issue on satellite communications in December 2005, IEEE Wireless Communications Magazine (4 papers)
- Computers and Electrical Engineering Journal - Special Issue on Recent Advances in Wireless Networks and Systems - Guest Editors Prof. Mohamed Obaidat and Prof. Mario Marchese (SSC TC Chair).

17. DOES YOUR TC USUALLY ADVANCE CANDIDACIES FOR IEEE/COMSOC AWARDS (such as best paper awards, career awards,



international research awards, etc.)? **Yes, it does. Recently the paper: Shaojian Fu, Mohammed Atiquzzaman, William Ivancic, Evaluation of SCTP for Space Networks, IEEE Wireless Communications, Volume 12, Issue 5, October 2005, Pages:54 - 62, was nominated by the SSC TC and was selected for the Fred W. Ellersick Prize.**

18. STANDARDIZATION COMMITTEES YOUR TC IS ACTIVELY INVOLVED:

- ITU-T: Sastri Kota and other Members
- ETSI: Mario Marchese and Other Members (Matteo Berioli is also part of the ETSI SES BSM Special Task Force)

Liaisons with other committees also reported in the web site:

- IEEE ComSoc Fellow Evaluation Committee: Desmond Taylor
- IEEE Communications Magazine Editorial Board: Abbas Jamalipour
- IEEE Electronic Magazine, Regional Editor for radio and satellite communications: Walter Ciesluk
- IEEE Journal on Selected Areas in Communications (JSAC): Desmond Taylor
- International Journal on Satellite Communication: Michel Bousquet
- IEEE ComSoc Technical Committees
- AIAA Technical Committee on Communications Systems(TCCS): Ron Smith

19. IDENTIFY THE NUMBER OF MEMBERS YOUR TC HAS SUCCESSFULLY ADVANCED FOR IEEE COMSOC DISTINGUISHED LECTURER POSITIONS IN THE LAST 2 YEARS:

- Prof Abbas Jamalipour, University of Sydney, Australia  
Topics:
  - Broadband Wireless IP
  - Next Generation Mobile Network Architectures
  - Heterogeneous Mobile Cellular Networks
- Prof. Hamid Aghvami, King's College London, United Kingdom  
Topics:
  - Beyond UMTS/IMT-2000
  - UMTS/IMT2000

20. IDENTIFY THE MEMBERS YOUR TC HAS SUCCESSFULLY ADVANCED FOR CONSIDERATION AS IEEE SENIOR MEMBERS OR FELLOWS IN THE LAST 2 YEARS: **at least 3**

21. LIST THE AWARDS YOUR TC IS CURRENTLY ASSIGNING (best paper, career, etc.): **SSC TC promotes the Distinguished Contributions to Satellite Communications Award. This award aims to promote research and development activities in the area of satellite communications within the industry and academia research community. The award is established as part of the Satellite and Space Communications Technical Committee activities in involvement in the new and revolutionary developments taking place in the field. The SSC TC is governed by the constitution and bylaws of the**

IEEE and the IEEE Communications Society. The award also aims to motivate the increase in the number of research publications in the field as well as number of researchers in this field and the TC membership. One award is given in each calendar year. If no suitable candidate is proposed in a given year, the award is not presented for that year. The award is announced and given during the IEEE GLOBECOM conference. The first award has been presented in the GLOBECOM 2001 conference in San Antonio, Texas, November 2001.

Eligibility criterion:

1. an individual researcher or a team of researchers, who has met the following criteria, may be nominated or may apply for receiving the award:
  1. Must be an IEEE Communications Society Member at the time of application.
  2. Must have research related to the field of satellite and space communications; including research involving any layer of the network stack.
  3. Must have a good track of record in research in the field of telecommunications but not necessarily in the satellite field.
  4. Must have significant contribution in the field in the form of one or both of the followings: publication of one book, or one book chapter, or one journal paper, or one international conference paper, or a significant patent received in the field of the satellite communications during the year immediately prior to the award year. The journal paper and the international conference paper must be peer reviewed based on full paper submission. The publications are not required to be within the IEEE journals and conferences but must be published in high-level publications, as defined by the award selection committee.
  5. Must be ready to attend the GLOBECOM conference in the year of award. In case the selected person for the award cannot attend the conference, a representative must be nominated to receive the award at least four weeks before the conference date or the award will be given to the second person who has been selected by the award committee as the reserved. All applications must be sent to the SSC TC Secretary by the closing date of July 15th of the year of prize. The applications could be from individual researchers or a team of researchers on a self-nomination basis, or nomination by other people. The application must include a letter of application (or nomination) and any document showing that the application has met the award eligibility criteria and any other support. A selection committee consisting of SSC TC officers (Chair, Vice-Chair, Secretary) and two other SSC TC members, nominated by the SSC TC Chair, decide about the applications in mid-October of each year. If an application is received from one member of the committee, the SSC TC Chair allocates a replacement. The committee selects two applications, one as the main and the second as the reserved.

The selected main application will be informed soon after that by the SSC Secretary together with a letter of award offer. The selected application must accept the offer (including condition 5 of eligibility) or the offer will be sent to the reserved application.

22. IDENTIFY THE TCs WITH WHICH YOUR TC IS (OR SHOULD BE) COLLABORATING? (please provide specific instances): **Active collaboration for ICC'07 is on with Communications Systems Integration & Modeling TC. Common interests may exist with: Radio Communications, Ad Hoc & Sensor Communications & Networks, Communications Switching & Routing, Computer Communications, High-Speed Networking, Communications Quality and Reliability, Personal Communications, Tactical Communications, Internet TCs.**
23. LIST THE MAIN ACTIVITIES OF YOUR TC IN THE LAST 2 YEARS (2004 and 2005, with specific informations like titles, locations, TC involvement, etc.): **the main activities have been described in the previous points.**

#### GENERALITIES

24. HOW FREQUENTLY (AND IN WHAT OCCASIONS) DOES YOUR TC MEMBERS MEET? **The TC meeting is organized twice per year, at ICC and Globecom.**
25. MENTION WHAT YOU CONSIDER THE MAJOR ACHIEVEMENT OF YOUR TC IN THE LAST 2 YEARS: **Major achievements of the TC consist in its recent intensive activities in ICC/GC and the great scientific push given by the TC concerning publications about satellite communications (see above). As a result of this hard work, the TC could secure a symposium exclusively devoted for research works in the area of satellite and space communications at upcoming Globecom'06.**
26. LIST THE MAIN PROBLEMS YOUR TC HAD IN THE RECENT PAST (relationship with conferences TPC, with COMSOC officers, etc.)

Despite the significant research work in the field of satellite and space communications, the TC officers see that there is lack of special symposia at ICC/GC devoted for researches on satellites. The committee members and officers are willing to push for more recognition of the importance of satellite activities from the COMSOC community both in COMSOC conferences and in COMSOC journals.

27. WHAT COULD COMSOC DO TO HELP YOUR TC IN ITS OPERATIONS? **Satellite Communications were seen as part of Wireless. We pushed hard to distinguish our community that deserves a special attention (e.g. the satellite Symposium at GC'06), in particular from the scientific viewpoint. COMSOC could help the SSC TC Officers to go to this direction by fostering satellite communications symposia at GC/ICC and issues on satellite and space comms in COMSOC journals.**
28. WHAT ARE YOUR PLANS TO INCREASE YOUR GLOBAL MEMBERSHIP (AND, IN PARTICULAR, YOUR INDUSTRY MEMBERSHIP)? **We would like to promote further the presence of satellite communications in IEEE main conferences, issues of journal and magazines. The SSC Newsletter has an important role to widespread recent advances, ideas and problems of the satellite community, in particular of the industry. Industry membership is very relevant and its presence may be still increased through conferences, tutorials and presentations.**
29. HOW OFTEN WOULD YOU ROTATE TC CHAIRS (present Bylaws rule is every two years)? **Every 2 years.**

NEW AREAS

30. LIST ANY TECHNICAL AREAS YOU CONSIDER WORTH OF BEING INCUBATED IN THE EMERGING TECHNOLOGY COMMITTEE TO POSSIBLY BECOME A NEW TC:

ADDITIONAL COMMENTS

31. PLEASE ADD ANY ADDITIONAL INFORMATION PERTINENT TO RECERTIFICATION AND/OR COMMENT ON ANY ASPECT OF THIS SURVEY: **We do hope that COMSOC appreciates the activities developed by our Committee, in particular in the last few years, both from organization and from scientific viewpoints.**

**THANK YOU!**