**IEEE Communications Society Standards Development Board (COM/SDB)**

**Approved Minutes**

Friday, September 20, 2013, 10:00 AM EDT – 11:30 AM EDT

1. **Teleconference via WebEx**
2. **Call to Order**

Kevin Lu (Chair) called the meeting to order at 10:10 AM EDT and reminded participants about IEEE Standards and the Law <http://standards.ieee.org/develop/policies/stdslaw.pdf>, and to declare or update their affiliations and standards activities listed in Appendix A.

1. **Roll Call and Establish Quorum**

The chair conducted the roll call and established the quorum:

| **Voting Members** | **Affiliation** | **Attendance** | **Voting Status** |
| --- | --- | --- | --- |
| Farooq Bari | AT&T | X | X |
| Jean-Philippe Faure | Panasonic |  | X |
| Nada Golmie | NIST | X |  |
| Hiroshi Harada | NICT | X |  |
| Paul Houzé | Microsoft |  | X |
| Glen Kramer | Broadcom | X | X |
| Kevin W. Lu | Broadcom | X | X |
| R. Venkatesha Prasad | TU Delft | X | X |
| Don Wright | Standards Strategies |  | X |

|  |  |  |
| --- | --- | --- |
| **Advisory Members** | **Affiliation** | **Attendance** |
| Rob Fish | NETovations |  |
| Curtis Siller | Enginnovation |  |
| **Ex Officio Member** |  |  |
| Alex Gelman | NETovations | X |
| **SA Liaison** |  |  |
| Sri Chandra | IEEE-SA | X |
| Lisa Perry | IEEE-SA | X |
| Joan Woolery | IEEE-SA | X |
| **Other Participants** |  |  |
| Chuck Adams | Huawei | X |
| Steve Bush | GE Global Research | X |

Appendix B provides a list of Liaisons (or Chair if there is no designated standards liaison) from ComSoc Technical Committees and Emerging Technical Subcommittees.

1. **Approval of Agenda**

Farooq moved and Glen seconded the motion to approve the agenda. As there were no objections, the agenda was approved by acclamation.

1. **Approval of the 10 June 2013 COM/SDB Minutes**

VP moved and Farooq seconded the motion to approve the minutes. As there were no objections, the minutes were approved by acclamation.

1. **Discussions**

[DISCUSSION/DECISION] Proposal for a study group on environment assessment of communications equipment

* On Jinsong Wu’s behalf, the chair presented a study group proposal on environmental assessment standards on communications devices, equipment, and systems.
* Joan gave an overview of “the electronic product environmental assessment tool ([EPEAT](http://www.epeat.net/)) family of [standards](http://www.epeat.net/resources/standards/) that provides a clear and consistent set of performance criteria for the design of electronic products, and provides an opportunity to secure market recognition for effort to reduce the environment impact of electronic products.” The standards and projects include:
  + 1680-2009 IEEE Standard for Environmental Assessment of Electronic Products
  + 1680.1-2009 IEEE Standard for Environmental Assessment of Personal Computer Products, Including Notebook Personal Computers, Desktop Personal Computers, and Personal Computer Displays ([call for participation](http://standards.ieee.org/email/2013_07_cfp_ieee_1680.1.html) in updating 1680.1)
  + 1680.2-2012 IEEE Standard for Environmental Assessment of Imaging Equipment
  + 1680.3-2012 IEEE Standard for Environmental Assessment of Televisions
  + P1680.4 Standard for Environmental Assessment of Servers ([call for participation](http://standards.ieee.org/email/2013_07_cfi_ieee_1680.4.html) in developing 1680.4)
  + P1680.5 Standard for Environmental Assessment of Mobile Devices
* [ACTION] Instead of a study group, an ad hoc committee (including the chair and Jinsong) will contact the 1680 sponsor, i.e., the IEEE Computer Society Standards Activities Board (C/SAB), to determine the need and time frame for a project on communications equipment.

1. **Other business**

[DISCUSSION/DECISION] Communications standards activities in India and potential collaboration

* Sri Chandra provided an overview of [GISFI](http://www.gisfi.org/index.php) (Global ICT Standardization Forum of India), its working groups such as [CSeON](http://www.gisfi.org/workinggroups.php?wg=CSeON) (Cloud and Service Oriented Network), and the CSeON Emergency Communication Services project.
* The chair referred the participants to the [P2030.5](http://standards.ieee.org/develop/project/2030.5.html) Draft Standard for Smart Energy Profile 2.0 (SEP2) Application Protocol as an example of a standard adopted sequentially from one organization to another instead of a joint development.
* [ACTION] The chair and Sri will set up a teleconference with the CSeON representatives.

1. **Adjournment**

VP moved and Farooq seconded the motion to adjourn the meeting. As there were no objections, the meeting was adjourned at 11:30 PM EDT.

**Appendix A: Declaration of Affiliation and Standards Participation**

| Member | Affiliation | Standards Participation |
| --- | --- | --- |
| Farooq Bari | * LMTS, Strategic Standards, AT&T * Member, IEEE-SA CAG, SASB, NesCom, ICCom * Treasurer, IEEE COM/SDB | * Chair, GSMA/WBA JTF Wi-Fi Roaming * 3GPP SA2 * ITU-T JCA-IoT * Onem2m TP |
| Jean-Philippe Faure | * CEO, Progilon (Representing Panasonic in IEEE activities) * Member, IEEE SASB, AudCom, RevCom * Chair, IEEE COM/PLC * Member, IEEE COM/SDB | * Chair, IEEE P1901 * IEEE P1905.1 |
| Nada Golmie | * Manager, Emerging and Mobile Network Technologies Group, NIST * Chair, Priority Action Plan on Wireless Communications, Smart Grid Interoperability Panel * Member, IEEE COM/SDB | * IEEE 802.15.4g, 802.11ah, 802.19 |
| Hiroshi Harada | * Director, Smart Wireless Laboratory, NICT * Co-Founder, Wi-SUN Alliance   + Co-Chair, Board   + Chair, ECHONET WG * Board, WhiteSpace Alliance * Board of Directors, Wireless Innovation Forum (SDR Forum) * Visiting Professor, University of Electro-Communications * Chair, IEEE DySPAN-SC * Member, IEEE COM/SDB | * Vice Chair, IEEE 1900.4, 802.15.4g, 802.15.4m * Vice Chair, TIA TR-51 * Chair, Public Broadband Mobile Communication Development Committee, ARIB |
| Paul Houzé | * Standardization Manager, Microsoft * Member, IEEE SASB, AudCom, RevCom * Member, IEEE COM/SDB | * Chair, IEEE P1905.1 |
| Glen Kramer | * Technical Director, Broadcom * Member, IEEE COM/SDB | * Chair, IEEE P1904.1 |
| Kevin Lu | * Senior Principal Scientist, Broadcom * Director, Standards Development, IEEE ComSoc * Chair, IEEE COM/SDB * Member, IEEE-SA NesCom | * 3GPP RAN1 |
| R. Venkatesha Prasad | * Senior Researcher, EEMCS, TU Delft * Liaison, IEEE ComSoc AHNTC and TCCC * Member, IEEE DySPAN-SC * Secretary, IEEE COM/SDB | * IEEE P1908.1, P1906.1, P1900.1, P1900.5, P1900.6, P1900.7, P1723, P1909 |
| Don Wright | * Standards Strategies, LLC * Treasurer, IEEE-SA * Member, IEEE-SA BOG * Chair, IEEE-ISTO BOD * Member, IEEE C/MSC, C/IA * Member, ANSI BOD, IPRPCom, IPCom, ISO Council, ISO Forum * Vice Chair, IEEE COM/SDB | * Chair, IEEE 1284, 1284.1, 2600, 2600.1, 2600.2, 2600.3, 2600.4 |
| Rob Fish | * President, NETovations Group, LLC * Affiliated with Rubin-Anders * Affiliated with Drakontas * Member, IEEE-SA BOG * Chair, IEEE-SA Global Coordination Committee * Advisory Member, IEEE COM/SDB | * No standards participation |
| Curtis Siller | * Sole Proprietor, Enginnovation * Member, IEEE SASB NesCom * Member, IEEE PSPB, PSPB-SPC * Member, IEEE-USA CCP * Advisory Member, COM/SDB | * No standards participation |
| Alex Gelman | * CTO, NETovations Group, LLC * Affiliated with Harman * VP, Standards Activities, IEEE ComSoc * Member, IEEE SASB, ICCom, PatCom, Standards Conduct Committee * Ex Officio Member, IEEE COM/SDB * Represents IEEE TAB for the purpose of IEEE standards governance | * No standards participation |
| Sri Chandra | * Senior Regional Program Manager for India, IEEE-SA | * No standards participation |
| Lisa Perry | * Program Manager, Technical Program Development (TPD), IEEE-SA | * No standards participation |
| Joan Woolery | * Senior Program Manager, TPD, IEEE-SA | * No standards participation |

| Participant | Affiliation | Standards Participation |
| --- | --- | --- |
| Chuck Adams | * Distinguished Standards Strategist, Futurewei Technologies * IEEE BoG Activities: China Strategy, Europe Strategy, International Strategy * IEEE-SA SGIP Voting Representative and Member IEEE-SA Smart Grid SIG * IEEE-SA IoT Ad Hoc Chair * IEEE-SA TAB and Public Visibility Liaison | * INCITS Executive Board Alternate Member and IoT SWG Convenor |
| John Bareham | * Consultant in Electroacoustics | * Chair, IEEE Teletest WG |
| Bernd Bochow | * Group Manager, FOKUS | * Chair, IEEE P1900.1 |
| Stephen Bush | * Scientist, GE Global Research * Chair, IEEE COM/SPDB | * Chair, IEEE P1906.1 |
| Matthew Ceglia | * Client Services Manager, Professional Services, IEEE-SA | * No standards participation |
| Periklis Chatzimisios | * Assistant Professor, ATEITHE | * Secretary, IEEE P1907.1 |
| Chau Yuen | * Singapore University of Technology and Design | * No standards participation |
| Stanislav Filin | * Expert Researcher, Smart Wireless Laboratory, NICT | * Chair, IEEE P1900.7 * Voting member, IEEE DySPAN-SC, P1900.4 * Voting member, IEEE 802.11, 802.15, 802.19 |
| Xiaoming Fu | * University of Goettingen | * No standards participation |
| Chen Gu | * BII Group | * IEEE P1888.1, P1888.2, P1888.3, P1888.4 |
| Marek Hajduczenia | * xPON Standardization Director, ZTE | * Chair, IEEE P802.3bk * Chief Editor, IEEE P1904.1 |
| Bruce Hartpence | * Professor, RIT | * IEEE P1910.1 |
| Daryl Johnson | * Associate Professor, RIT | * IEEE P1910.1 |
| Jim LeClare | * PMTS, Maxim Integrated Products | * Chair, IEEE P1901.2 |
| Eric Levine | * Associate Publisher/Advertising Sales, IEEE ComSoc | * No standards participation |
| Pascal Lorenz | * University of Haute-Alsace | * No standards participation |
| Hsi-Pin Ma | * Associate Professor, National Tsing Hua University | * No standards participation |
| Syam Madanapalli | * Managing Director, iRam Technologies * Chair, IEEE COM/SDB EWS Study Group | * IEEE 802.16 * IETF |
| Jaime Lloret Mauri | * Associate Professor, Polytechnic University of Valencia * Liaison, IEEE ComSoc TC ComSoft | * Chair, IEEE P1907.1 |
| Joel Rodrigues | * University of Beira Interior | * Treasurer, IEEE P1907.1 |
| Nirmala Shenoy | * Professor, RIT | * Chair, IEEE P1910 |
| Bill Stackpole | * Associate Professor, RIT | * IEEE P1910.1 |
| Henry Suthon | * Principal Engineer, Barrios Technology * Liaison, IEEE ComSoc TC CSR | * No standards participation |
| Mehmet Toy | * Distinguished Engineer, Comcast | * Metro Ethernet Forum |
| Mehmet Ulema | * Professor, Manhattan College | * Chair, IEEE P1903 |
| C. Scott Willy | * Product Manager, Avisto Telecom * Standardization Manager, MStar Semiconductor | * Member, IEEE P1901 * Member, IEEE P1905.1 |
| Jinsong Wu | * Alcatel-Lucent | * No standards participation |

**Appendix B: ComSoc Technical Committee and Subcommittee Liaisons**

| **Technical Committee** | **Liaison** | **Affiliation** |
| --- | --- | --- |
| Ad Hoc & Sensor Networks | R. Venkatesha Prasad | TU Delft |
| Cognitive Networks | Mouli Chandramouli | Stevens |
| Communications & Information Security | Neeli Prasad | Aalborg University |
| Communications Quality & Reliability | Hideaki Yoshino | NTT |
| Communications Software | Jaime Lloret Mauri | Polytechnic University of Valencia |
| Communications Switching & Routing | Henry Suthon | Barrios Technology |
| Communications Systems Integration & Modeling | Harry (Charalabos) Skianis | U Aegean |
| Communication Theory | Sana Sfar | HKUST |
| Computer Communications | R. Venkatesha Prasad | TU Delft |
| Data Storage | Tiffany Jing Li | Lehigh |
| e-Health | Hsi-Pin Ma | National Tsing Hua University |
| High-Speed Networking | Gumaste Ashwin | IIT/MIT |
| Information Infrastructure & Networking | Yacine Ghamri-Doudane | ENSIIE |
| Internet | Periklis Chatzimisios | ATEITHE |
| Multimedia Communications | Ali Begen | Cisco |
| Network Operations & Management | Marcus Brunner | NEC Europe |
| Optical Networking | Josué Kuri | Infinera |
| Power Line Communications | Haniph Latchman | U Florida |
| Radio Communications | George Chrisikos | Qualcomm |
| Satellite & Space Communications | Igor Bisio | University of Genoa |
| Signal Processing & Communications Electronics | Octavia Dobre | Memorial University |
| Transmission, Access, & Optical Systems | Frank Effenberger | Huawei |
| Wireless Communications | Sumei Sun | Institute for Infocomm Research |
| **Emerging Technical Subcommittee** |  |  |
| Applications of Nanotechnologies in Communications | Dilip Krishnaswamy | Qualcomm |
| Autonomic Communications | Spyros Denazis | University of Patras |
| Cable Networks & Services | Mehmet Toy | Comcast |
| Cloud Communications & Networking | Masum Z. Hasan | Cisco |
| Green Communications and Computing | Jinsong Wu | Alcatel-Lucent |
| Human Centric Communications | John Buford | Avaya |
| Innovation and Standards in Information and Communication Technologies (ISICT) | SM Hasan | GE |
| Integrated Fiber & Wireless Technologies | Steve Weinstein | CTTC |
| Internet of Things | Latif Ladid | IPv6 Forum |
| Nano-Scale, Molecular, and Quantum Networking | Andrew Eckford | York University |
| Peer-to-Peer Networking | John Buford | Avaya |
| Situation Management | Gabe Jakobson | Altusys |
| Smart Grid Communications | Petar Popovski | Aalborg University |
| Social Networks | Kwang-Cheng Chen | National Taiwan University |
| Vehicular Networks & Telematics Applications (VNTA) | T. Russell Hsing | National Chiao Tung University |