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

**Approved Minutes**

Thursday, February 28, 2013, 9:00 AM EST – 11:00 AM EST

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

Kevin Lu (Chair) called the teleconference to order at 9:10 AM EST 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 with six voting members present:

| **Voting Members** | **Affiliation** | **Attendance** |
| --- | --- | --- |
| Farooq Bari | AT&T |  |
| Jean-Philippe Faure | Panasonic |  |
| Nada Golmie | NIST | X |
| Hiroshi Harada | NICT | X |
| Paul Houzé | Microsoft |  |
| Glen Kramer | Broadcom | X |
| Kevin W. Lu | Broadcom | X |
| Venkatesha Prasad (“VP”) | TU Delft | X |
| Don Wright | Standards Strategies | X |
| **Advisory Members** |  |  |
| Rob Fish | NETovations |  |
| Curtis Siller | Enginnovation | X |
| **Ex Officio Member** |  |  |
| Alex Gelman | NETovations | X |
| **SA Liaison** |  |  |
| Lisa Perry | IEEE-SA | X |
| **Other Participants** |  |  |
| John Bareham | Consultant | X |
| Steve Bush | GE | X |
| Bruce Hartpence | RIT | X |
| Daryl Johnson | RIT | X |
| Nirmala Shenoy | RIT | X |
| Bill Stackpole | RIT | X |
| Henry Suthon | Barrios Technology | X |

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

1. **Approval of Agenda**

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

1. **Approval of the 5 February 2013 COM/SDB Minutes**

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

1. **Discussions**
2. [INFORMATION] AudCom checklist and comments on the revised COM/SDB Policies and Procedures (P&P)

On February 13, 2013, AudCom reviewers provided the updated checklist with recommendation for accepting COM/SDB P&P. Subsequently on March 1, AudCom communicated its remaining concern about the “expert review” and “expert team” in Clause 7.2 (Approval of moving a draft standard to Sponsor ballot). COM/SDB responded with an added statement clarifying that the expert team shall provide technical advice and assistance to the Sponsor regarding the Draft Standard’s readiness for Sponsor ballot.

During the AudCom meeting on March 4, the following revision to Clause 7.2 was agreed: “Approval for moving a draft standard to Sponsor ballot, or approval of any substantive change in the scope of a standard proposed by a subgroup, shall be referred to the Sponsor for approval. The Sponsor may delegate approval authority and form a subgroup for this purpose. Approval to move a standard to Sponsor ballot from a subgroup requires a majority vote. To assist the Working Group, the Sponsor, at its sole discretion, may conduct an expert review of the Draft Standard. The expert review team shall be composed of industry and/or academia experts that have subject-matter knowledge and professed, but not material, interest in the standard. The expert review team shall only provide technical advice and assistance to the Sponsor regarding the Draft Standard’s readiness for Sponsor ballot.”

1. [ACTION] PAR for Revision to IEEE Standard 269-2010

John Bareham presented the draft PAR and answered questions.

VP moved and Curtis seconded the motion to approve the draft PAR. The motion was approved with four yes and zero no votes (two abstained).

1. [ACTION] New PAR on Standard for Loop-Free Forwarding with Meshed Tree Bridging

Nirmala Shenoy and her colleagues presented the draft PAR and agreed to provide COM/SDB with a revision within one week.

1. **Other business**

There is no other business.

1. **Adjournment**

Nada moved and Don seconded the motion to adjourn the meeting. As there were no objections, the meeting was adjourned at 11:00 AM EST.

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

| Name | 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 |
| 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 |
| Bernd Bochow | * Group Manager, FOKUS | * Chair, P1900.1 |
| Stephen Bush | * Scientist, GE Global Research * Chair, IEEE COM/SPDB | * Chair, P1906.1 |
| Matthew Ceglia | * Client Services Manager, Professional Services, IEEE-SA | * No standards participation |
| Periklis Chatzimisios | * Assistant Professor, ATEITHE | * IEEE P1907.1 |
| 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 |
| 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 |
| Rob Fish | * President, NETovations Group, LLC * Member, IEEE-SA BOG * Advisory Member, IEEE 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 |
| 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 |
| Marek Hajduczenia | * xPON Standardization Director, ZTE | * Chair, IEEE P802.3bk * Chief Editor, IEEE P1904.1 |
| Hiroshi Harada | * Director, Smart Wireless Laboratory, NICT * Board of Directors, Wireless Innovation Forum (SDR Forum) * 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 |
| Bruce Hartpence | * Professor, RIT | * No standards participation |
| Paul Houzé | * Standardization Manager, Microsoft * Member, IEEE SASB, AudCom, RevCom * Member, IEEE COM/SDB | * Chair, IEEE P1905.1 |
| Daryl Johnson | * Associate Professor, RIT | * No standards participation |
| Glen Kramer | * Technical Director, Broadcom * Member, IEEE COM/SDB | * Chair, IEEE P1904.1 |
| Jim LeClare | * PMTS, Maxim Integrated Products | * Chair, IEEE P1901.2 |
| Eric Levine | * Associate Publisher/Advertising Sales, IEEE ComSoc | * No standards participation |
| Kevin Lu | * Senior Principal Scientist, Broadcom * Director, Standards Development, IEEE ComSoc * Chair, IEEE COM/SDB * Member, IEEE-SA NesCom | * 3GPP RAN1 |
| 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 1907.1 WG |
| Lisa Perry | * Program Manager, Technical Program Development, IEEE-SA | * No standards participation |
| 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 |
| Nirmala Shenoy | * Professor, RIT | * No standards participation |
| Bill Stackpole | * Associate Professor, RIT | * 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 |
| 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, 1903 WG |
| C. Scott Willy | * Product Manager, Avisto Telecom * Standardization Manager, MStar Semiconductor | * Member, IEEE P1901 * Member, IEEE P1905.1 |
| 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 |
| Jinsong Wu | * Alcatel-Lucent | * No standards participation |

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

| **Technical Committee** | **Liaison** | **Affiliation** |
| --- | --- | --- |
| Ad Hoc & Sensor Networks | Venkatesha Prasad (“VP”) | TU Delft |
| Cognitive Networks | Mouli Chandramouli | Stevens |
| Communications & Information Security | Dhadesugoor Vaman | PVAMU |
| 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 | Venkatesha Prasad (“VP”) | 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 | Hai Lin | Osaka Prefecture University |
| Tactical Communications & Operations | Ken Young | Applied Communication  Sciences |
| Transmission, Access, & Optical Systems | Frank Effenberger | Huawei |
| Wireless Communications | Xuemin (Sherman) Shen | University of Waterloo |
| **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 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 |
| 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 |