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

**Draft Minutes**

Friday, 14 October 2017, 10:00 AM – 12:00 PM (EDT)

**WebEx Conference Call**

1. **Call to Order**

Prof. Mehmet (Chair) called the meeting to order at 10:00 AM (New York Time) 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 the Roll Call.

1. **Roll Call and Establish Quorum**

Chair conducted the roll call. According to the table below showing the voting status, Quorum is achieved.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Voting Members** | **Attendance** | **Voting Status** | **Affiliations** | **Standards Participation** |
| Mehmet Ulema (Chair) | X | X | * Professor, Manhattan College
* Director, Standards Development Board, IEEE ComSoc
* Chair, IEEE COM/SDB
* Advisory Member, IEEE COM/SPDB
* Member, IEEE SASB
* Member, IEEE-SA NesCom
* Member, IEEE-SA AudCom
* Chair, COM/NetSoft
 | * Chair, IEEE P1903.1, P1903.2, P1903.3
* Chair, IEEE 1903 WG
 |
| Glen Kramer (Vice-Chair, Treasurer) |  | X | * Technical Director, Broadcom Ltd.
* Vice-Chair & Treasurer, IEEE COM/SDB
 | * Chair, IEEE 1904 WG
* Vice-Chair, IEEE 802.3ca
 |
| Niranth Amogh (Secretary) |  | X | * Principal Researcher, Huawei
* Secretary, IEEE COM/SDB
 | * IEEE P1903.1, P1903.2, P1903.3
* Vice-Chair, GISFI CSeON WG
* TSDSI
* 3GPP SA6
 |
| Brian Daly | X | X | * Director, AT&T
* Member, IEEE COM/SDB
 | * 3GPP
* ATIS
* 5G Americas
* Next Gen Mobile Network Alliance
* IEEE 802
 |
| Jean-Philippe Faure “JP” |  | X | * CEO, Progilon (Representing Panasonic in IEEE activities)
* Chair, IEEE-SA SASB
* Member, IEEE COM/SDB
* Chair, IEEE COM/PLC
 | * Chair, IEEE P1901
* IEEE P1905.1
 |
| Hiroshi Harada |  |  | * Director, Smart Wireless Laboratory, NICT
* Co-Founder, Wi-SUN Alliance
	+ Co-Chair, Board
	+ Chair, ECHONET WG
* Chair, IEEE COM/DySPAN-SC
* Member, IEEE COM/SDB
* Professor, Kyoto University
 | * Vice Chair, IEEE 1900.4, 802.15.4g, 802.15.4m
* Vice Chair, TIA TR-51
* Chair, Public Broadband Mobile Communication Development Committee, ARIB
 |
| Oliver Holland | X | X | * King’s College London
* Member, IEEE COM/SDB
* Chair, IEEE COM/MobiNet Standards Committee
* Vice-Chair, IEEE DYSPAN Standards Committee
* Board Member, Whitespace alliance
 | * Chair, IEEE 1918.1
* Chair, IEEE 1900.6,
* Vice-Chair, IEEE 802.22
* Vice-Chair, IEEE 1900.1
* Vice-Chair, IEEE 1900.7
* Vice-Chair, IEEE 802.22.3
 |
| Jaafar Elmirghani |  | X | * University of Leeds
* Member, IEEE COM/SDB
* Chair, COM/GreenICT SC
 | * Chair, IEEE EEICT
* Chair, IEEE P1925.1, P1926.1, P1927.1, P1928.1, P1929.1
* Member of IEEE 1922.1, 1922.2, 1923.1, 1924.1
* IEEE GreenICT Initiative
 |
| Jim Lansford | X | X | * Director, Technical Standards, Qualcomm Technologies, Inc.
* Adjunct Professor, University of Colorado – Boulder
* Member, IEEE COM/SDB
 | * Chair, IEEE 802.11 Wireless Next Generation Standing Committee
* Liaison from IEEE 802 to IEEE SCC42
* Chair, Wi-Fi Alliance Long Range Strategy Task Group
* Chair, Wi-Fi Alliance Automotive Market Segment Task Group
* Chair, Wi-Fi Alliance DSRC Marketing Task Group
* Chair, Wi-Fi Alliance DSRC Technical Task Group
 |
| **Advisory Members** |  |  |
| Alex Gelman | X | - | * CTO, NETovations Group, LLC
* Director and Chair, Standardization Programs Development Board, IEEE ComSoc
* Advisory Member, IEEE COM/SDB
* Member, IEEE Sensors Council Standards Committee
* Chair, Access Core Standards Committee
 | * No standards participation
 |
| Kevin Lu | X | - | * Adjunct Professor, Stevens
* Advisory Member, IEEE COM/SDB
* Vice-Chair, IEEE COM/SPDB
* Member, IEEE-SA RevCom
* Member, IEEE SASB
* Member , IEEE-SA ICCom
* Member, IEEE SCC42 Transportation
* IEEE SCC Coordinator
* Member, IEEE SEC
 | * No standards participation
 |
| Curtis Siller |  | - | * Enginnovation
* Advisory Member, IEEE COM/SDB
* Member, IEEE ComSoc Governance Committee
* Member, IEEE ComSoc ad hoc Fellow Evaluation Committee
* Director, IEEE ComSoc Sister and Related Societies
* Corresponding member to IEEE History Committee, on behalf of (but NOT member of) PSPB
 | * No standards participation
 |
| Chih-Lin I |  | - | * Chief Scientist, Wireless, CMCC
* Advisory Member, IEEE COM/SDB
* Member, IEEE ComSoc SPC
 | * IEEE P1914
* 3GPP
 |
| **Ex Officio Member** |  |  |
| Rob Fish |  | - | * President, NETovations Group, LLC
* VP, Industry and Standards, IEEE ComSoc
* Princeton University
* Ex-Officio Member, IEEE COM/SDB
* Member, IEEE Conferences Committee
 | * No standards participation
 |
| **IEEE-SA Staff** |  |  |
| Nicholas Orlando | X | - | * IEEE-SA Program Coordinator
 | * No standards participation
 |
| **Other Participants** |  |  |
|  |  |  |  |  |
| Bill Scheible | X |  | * Project Leader, Mitre Corporation
 | * Chair, IEEE 1912
 |
| Earl McCune | X |  | * Professor, TUDelft

IEEE Green ICT initiativeIEEE 5G standards group | * Chair, IEEE 1923
 |
| Stephen Bush | X |  | * GE Global Research
 | * Chair, IEEE 1906.1.1
* Chair, IEEE 1913
 |
| Christian Jacquenet |  |  | * Orange
 | * Chair, P1921.1
 |
| Chuck Adams |  |  | * Huawei Technologies
* Member, IEEE 5G Initiative
* Member, IEEE IoT Initiative
* Standards Representative to OpenFog consortium
* Member, IEEE BoG
* Member, IEEE SASB
* Member, IEEE ISTO Board
* Member, IEEE CAG
* Member, IEEE PATCOM
* Member, IEEE ProCOM
* Member, IEEE Open Source Initiative
 | * IEEE 2413
* IEEE 1931 (ROOF)
* Block Chain – IEEE Industry Connections
* ISO/IEC JTC1 – Block Chain
 |
| Paul Nikolich |  |  | * Independent Consultant
* Chair IEEE 802 LAN/MAN Stds Cmte
 |  |
| **ComSoc TC Liaisons** |  |  |
| Henry Suthon |  |  | * Barrios Tech
 | * Switching and Routing TC
 |

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

1. **[DECISION] Approval of Agenda**

**Motion: “Approval of Agenda”**

**Moved by: Alex, Seconded by: Oliver**

**[RESULT] APPROVED by general acclamation.**

1. **[DECISION] Approval of the COM/SDB Minutes of the last meeting**

**Motion: “Approval of the COM/SDB Minutes of the last meeting”**

**Moved by: Alex, Seconded by: Jim**

**[RESULT] APPROVED by general acclamation**.

1. **Old and Unfinished Business**
	1. **None**
2. **New Business**
	1. **None**
3. **[INFORMATION] Reports**
	1. **Chair**

Provided a report on new SCs and the WGs relationship.

* 1. **Financial Report**

No report was available.

* 1. **Reports from ComSoc Standards Committees**
* **DySPAN**

3 PAR extensions – 1900.5.1, 1900.5.2 and 1900.1

* **PLC**

1) New PAR

PLCSC approved new PAR P1901.3. Standard for Power Line Communications for Internet of Things applications. Entity ballot. The PAR in on the agenda of the December NesCom meeting.

2) P2030.5 Standard for Smart Energy Profile Application Protocol (Revision of IEEE 2030.5-2013)

PLCSC approved to begin Sponsor Ballot. SB should open soon.

3) P1901.1 Standard for medium frequency (less than 15 MHz) Power Line Communications for Smart Grid Applications

PLCSC approved to begin Sponsor Ballot. Ballot invitations were sent on Sept. 26.

4) P1901.1.1 Standard Test Procedures for IEEE 1901.1 Standard for Medium Frequency (less than 15 MHz) Power Line Communications for Smart Grid Applications

Nothing to report.

5) P2413 Standard for an Architectural Framework for the Internet of Things (IoT) (co-sponsored by the PLCSC)

A draft was expected by the end of Sept. The PLCSC expects to receive a copy.

* **NetSoft**

1903 - 3 drafts completed the recirculation ballots. Submitted to Revcom1915, 1916, 1917 - Meeting regularly via teleconference.1913 - Meeting monthly. Remote access is now available to a NETCONF/YANG server for IEEE working group members for development and testing of the prototype standard quantum communication reference model1921 – Call for Particpation was issued. About 15 responded with interest. Kick of meeting is planned later this month.1930 – Subgroups formed. Architecture formalized. Meeting regularly.

* **MobiNet**

**See attached.**

* **GreenICT**

**??????**

* **EdgeCloud**

P&P was approved by SASB.

P1934 was approved by SASB.

2410 ballot has been completed and standard was approved by SASB

Expecting a couple of new PAR proposal In the fog networking area.

* **AccessCore**

P&P was approved by SASB.

Extension of P1910 was approved by SASB,

* 1. **Reports from Working Group and Study Group Chairs**
* **COM/SDB/CEA**

No update

* **SG on Frugal 5G**

No report

* 1. **Reports from Ad Hoc Groups**

No AdHoc group

* 1. **SASB Report**

The draft 28 September 2017 SASB meeting minutes are available at <http://standards.ieee.org/about/sasb/0917sasbmin.pdf>

* 1. **CAG Report**

No update

1. **Next Meeting**

A doodle poll will be conducted during Nov 2017.

1. **Adjournment**

Chair thanked everyone for participating in the meeting and adjourned the meeting at 11:15 AM.

**Appendix A: 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 | Zaher Dawy | American University, Beirut |
| 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 | George Alexandropoulos | ? |
| 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 WuShengjie Zhao | Alcatel-LucentTongji University, China |
| 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 |

**Appendix B: COM/MobiNet SC Report**

