

IEEE-SA Standards Board Meeting Minutes – June 2015

**IEEE-SA Standards Board
Meeting Minutes
11 June 2015
Teleconference/webex**

Attendees:

Chair:

John Kulick

Vice Chair:

Jon Rosdahl

Past Chair:

Rich Hulett

Secretary:

Konstantinos Karachalios

Members:

Masayuki Ariyoshi

Ted Burse

Stephen Dukes [TAB Rep.]

Jean-Philippe Faure

Travis Griffith

Gary Hoffman

Michael Janezic

Hung Ling

Andrew Myles

Ted Olsen

Glenn Parsons

Annette Reilly

Steve Shellhammer

Adrian Stephens

Yatin Trivedi

Philip Winston

Don Wright

Yu Yuan

Daidi Zhong

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Members Absent:

David Law
Ron Petersen

Joe Koepfinger, Member Emeritus

Liaisons Absent:

Dick DeBlasio, DOE Liaison
Jim Matthews, IEC Liaison

IEEE Staff:

Kathryn Bennett
Christina Boyce
Matthew Ceglia
Tom Compton
Karen Evangelista
Sampath Heragu
Yvette Ho Sang
Karen Kenney
Michael Kipness
Victoria Kuperman-Super
Juanita Lewis
Greg Marchini
Diane Mistretta
Jeric Newby
Adam Newman
Mary Lynne Nielsen
Moirra Patterson
Lisa Perry
Dave Ringle, Recording Secretary
Rudi Schubert
Sam Sciacca
Walter Sun
Lisa Weisser
Jonathan Wiggins
Joan Woolery
Malia Zaman

IEEE Outside Legal Counsel:

Claire Topp

Guests:

Chuck Adams
Marc Sandy Block

Clint Chaplin
James Gilb
Daniel Hermele
John Kolakowski
Paul Nikolich
Elisabeth Opie
Mehmet Ulema, ComSoc/ComSoc Standards Board Liaison
Yingli Wen

1 Call to Order

Chair Kulick called the meeting to order at 14:02 UTC. There was a round of introductions by all present.

2 Agenda

2.1 Approval of Agenda

There was a motion to approve the agenda. The motion was approved as there were no objections to approval.

2.2 Consent Agenda

2.2.1 Approval of 26 March 2015 SASB Meeting [Minutes](#)

2.2.2 AudCom Recommendations

Accepted (standards work authorized):

- SASB/SCC18 SASB Standards Coordinating Committee 18/National Fire Protection Association Standards
- SASB/SCC22 SASB Standards Coordinating Committee 22/Power Quality (Conditional, with final update to checklist)

2.2.3 ICom Recommendations

Revised Industry Connections Activity

IC13-004-03 IEEE-SA Ethernet & IP @ Automotive Technology Day

ICAID: <https://ieee-sa.centraldesktop.com/p/eAAAAAAAFy6xAAAAAEYwPKI>

Recommendation: Approve

ICom P&Ps

IC12-001 Standardization and Innovation in IT (SIIT) P&P

Recommendation: **Visibly Under Development**

IC12-003 Intercloud Testbed

Recommendation: **Approve**

2.2.4 NesCom Recommendations

Withdrawal Requests

IEEE Computer Society/LAN/MAN Standards Committee

P802.1ASbt

IEEE Standard for Local and Metropolitan Area Networks – Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks Amendment: Enhancements and Performance Improvements

Recommendation: Approve PAR withdrawal

P802.16r

IEEE Standard for Air Interface for Broadband Wireless Access Systems – Amendment for Small Cell Backhaul (SCB)

Recommendation: Approve PAR withdrawal

IEEE Power and Energy Society/Energy Development & Power Generation

P1843

Recommended Practice for Generating Renewable Energy Using Plasma Gasification

Recommendation: Approve PAR withdrawal

IEEE-SASB Coordinating Committees/SCC20 – Test and Diagnosis for Electronic Systems

P1693

Standard for Modular Interconnect Packaging for Scalable Systems

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Industry Applications Society/Petroleum & Chemical Industry

P61886-1

Subsea Equipment – Power Connectors, Penetrators, and Jumper Assemblies with Rated Voltage from 3 kV ($U_{max} = 3.6$ kV) to 30 kV ($U_{max} = 36$ kV)

Recommendation: Approve modified PAR

Extension Requests

IEEE Computer Society/Cloud Computing Standards Committee

P2301

Guide for Cloud Portability and Interoperability Profiles (CPIP)

Recommendation: Defer PAR extension request until next NesCom meeting

P2302

Standard for Intercloud Interoperability and Federation (SIIF)

Recommendation: Approve request for an extension until December 2017

IEEE Computer Society/Design Automation

P1076

Standard for VHDL Language Reference Manual

Recommendation: Approve request for an extension until December 2017

P1076.1

Standard VHDL Analog and Mixed-Signal Extensions

Recommendation: Approve request for an extension until December 2017

IEEE Computer Society/Software & Systems Engineering Standards Committee

P24748-4

Standard for Systems and Software Engineering – Life Cycle Management – Part 4: Systems Engineering Planning

Recommendation: Approve request for an extension until December 2016

IEEE Power and Energy Society/Insulated Conductors

P400.3

Guide for Partial Discharge Field Diagnostic Testing of Shielded Power Cable Systems

Recommendation: Approve request for an extension until December 2018

IEEE Power and Energy Society/Surge Protective Devices/Low Voltage

PC62.72

Guide for the Application of Surge-Protective Devices for Low Voltage (1000 Volts or Less) AC Power Circuits

Recommendation: Approve request for an extension until December 2017

IEEE-SASB Coordinating Committees/SCC04 – Electrical Insulation

P98

Standard for the Preparation of Test Procedures for the Thermal Evaluation of Solid Electrical Insulating Materials

Recommendation: Defer PAR extension request until next NesCom meeting

NEW PARs

IEEE-SA Board of Governors/Corporate Advisory Group

P1834

Standard for Technology Supervision Code for Wind Turbine Impeller Systems

Recommendation: Approve new PAR until December 2019

IEEE Computer Society/Cloud Computing Standards Committee

P2303

Standard for Adaptive Management of Cloud Computing Environments

Recommendation: Approve new PAR until December 2019

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Qci

Standard for Local and Metropolitan Area Networks – Bridges and Bridged Networks
Amendment: Per-Stream Filtering and Policing

Recommendation: Approve new PAR until December 2019

P802.1Qcj

Standard for Local and Metropolitan Area Networks – Bridges and Bridged Networks
Amendment: Automatic Attachment to Provider Backbone Bridging (PBB) Services

Recommendation: Approve new PAR until December 2019

P802c

Standard for Local and Metropolitan Area Networks: Overview and Architecture
Amendment: Local Medium Access Control (MAC) Address Usage

Recommendation: Approve new PAR until December 2019

IEEE Computer Society/Portable Applications

P1003.1-2008/Cor 2

Standard for Information Technology – Portable Operating System Interface (POSIX) –
Corrigendum 2

Recommendation: Approve new PAR until December 2019

IEEE Computer Society/Software & Systems Engineering Standards Committee

P1760

Information Technology Service Measures and Service Level Agreements

Recommendation: Approve new PAR until December 2019

P82079-1

Information Technology: Information for Use of Products – Part 1: General Requirements and Processes

Recommendation: Approve new PAR until December 2019

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P370

Electrical Characterization of Printed Circuit Board and Related Interconnects at Frequencies up to 50 GHz

Recommendation: Approve new PAR until December 2019

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3005.4

Recommended Practice for Design and Operational Considerations for Improving the Reliability of Emergency and Stand-By Power Systems

Recommendation: Defer new PAR until next NesCom agenda

P3005.7

Recommended Practice for the Application of Metering for Energy Management of Industrial and Commercial Power Systems

Recommendation: Defer new PAR until next NesCom agenda

IEEE Power and Energy Society/Insulated Conductors

P1614

Field-Testing of Shielded Power Cable Systems Rated 5 kV and Above with Continuous Alternating Voltage

Recommendation: Approve new PAR until December 2019

IEEE Power and Energy Society/Power System Relaying

P61850-9-3

Communication Networks and Systems for Power Utility Automation – Part 9-3: Precision Time Protocol Profile for Power Utility Automation

Recommendation: Approve new PAR until December 2019

IEEE Power and Energy Society/Switchgear

PC37.012-2014/Cor 1

Guide for the Application of Capacitance Current Switching for AC High-Voltage Circuit Breakers Above 1000 V – Corrigendum 1: Change to Equation 26

Recommendation: Approve new PAR until December 2019

IEEE Power and Energy Society/Transmission and Distribution

P2030.8

Standard for the Testing of Microgrid Controllers

Recommendation: Approve new PAR until December 2019

IEEE-SASB Coordinating Committees/SCC42 – Transportation

P2040.2

Standard for Connected, Automated and Intelligent Vehicles: Testing and Verification

Recommendation: Approve new PAR until December 2019

PARs for the Revision of Standards

IEEE Power and Energy Society/Insulated Conductors

P1407

Guide for Accelerated Aging Tests for 5 kV to 46 kV Extruded Electric Power Cables Using Water-Filled Tanks

Recommendation: Approve PAR for the revision of a standard until December 2019

P1493

Guide for the Evaluation of Solvents Used for Cleaning Electrical Cables and Accessories

Recommendation: Approve PAR for the revision of a standard until December 2019

P1637

Guide for Selecting and Applying Terminations for Shielded Alternating-Current Power Cable Rated 5 kV – 46 kV

Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Power and Energy Society/Power System Communications

P1138

Standard for Testing and Performance for Optical Ground Wire (OPGW) for Use on Electric Utility Power Lines

Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Power and Energy Society/Power System Relaying

PC37.110

Guide for the Application of Current Transformers Used for Protective Relaying Purposes

Recommendation: Approve PAR for the revision of a standard until December 2019

PC37.235

Guide for the Application of Rogowski Coils Used for Protective Relaying Purposes

Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Power and Energy Society/Substations

P1815

Standard for Electric Power Systems Communications-Distributed Network Protocol (DNP3)

Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Power and Energy Society/Switchgear

PC37.015

Guide for the Application of Shunt Reactor Switching

Recommendation: Approve PAR for the revision of a standard until December 2019

PC37.45

Standard Design Tests and Specifications for High Voltage (> 1000 V) Distribution Class Enclosed Single-Pole Air Switches

Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Power and Energy Society/Transformers

PC57.12.32

Standard for Submersible Equipment – Enclosure Integrity

Recommendation: Approve PAR for the revision of a standard until December 2019

PC57.12.60

Standard Test Procedure for Thermal Evaluation of Insulation Systems for Dry-Type Power and Distribution Transformers

Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE-SASB Coordinating Committees/SCC14 – Quantities, Units, and Letter Symbols

PSI_10

American National Standard for Metric Practice

Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.4

Standard for Wireless Access in Vehicular Environments (WAVE) – Multi-Channel Operation

Recommendation: Approve PAR for the revision of a standard until December 2019

2.2.5 RevCom Recommendations

NEW

P45.3/Draft 1.5 (IAS/PCI) Recommended Practice for Shipboard Electrical Installations – Systems Engineering

Recommendation: APPROVE

P802.21d/Draft 8 (C/LM) Standard for Media Independent Handover Services Amendment 4: Multicast Group Management

Recommendation: APPROVE

P1688/Draft D22 (EMC/SDCom) Standard for Requirements for the Control of Electromagnetic Interference Characteristics of Replaceable Electronic Modules

Recommendation: APPROVE

P1788/Draft P1788D9.7 (C/MSC) Standard for Interval Arithmetic

Recommendation: APPROVE

P62582-5/Draft D1.1 (PE/NPE) Nuclear Power Plants – Instrumentation and Control Important to Safety – Electrical Equipment Condition Monitoring Methods Part 5: Optical Time Domain Reflectometry

Recommendation: APPROVE

PC37.243/Draft 4.2 (PE/PSR) Guide for Application of Digital Line Current Differential Relays Using Digital Communication

Recommendation: APPROVE

REVISION

P487/Draft 7 (PE/PSC) Standard for the Electrical Protection of Communication Facilities Serving Electric Supply Locations – General Considerations

Recommendation: APPROVE

P11073-10417/Draft 4 (EMB/11073) Health Informatics – Personal Health Device Communication Part 10417: Device Specialization – Glucose Meter

Recommendation: APPROVE

PC37.20.2/Draft 14 (PE/SWG) Standard for Metal-Clad Switchgear

Recommendation: APPROVE

- 3** **Old Business**
3.1 [Sponsor](#) Annual Financial Reporting
 [Time-Specific: 15:00 UTC]

This item began at 15:01 UTC.

Karen Kenney reported.

After discussion involving staff, the Sponsor Chair, and the SASB members, the following motion was made and seconded.

Motion:

Resolved that,

The IEEE 802 LAN/MAN Standards Committee (LMSC) has failed in its duty as a Sponsor to complete the 2014 LMSC annual financial report in a timely manner. Therefore, the following corrective actions are approved by the SASB:

1. IEEE-SA staff is instructed to set up requested departments in NetSuite and to keep the NetSuite database unlocked until Wednesday, 17 June 2015.
2. The LMSC Chair and the LMSC Treasurer shall complete the 2014 LMSC annual financial report and certify that the reported financial data is materially correct on or before Wednesday, 17 June 2015. All audit material shall be made available to the auditors by 30 June 2015.

3. The LMSC Chair and the LMSC Treasurer are further instructed to hire a professional assistant treasurer (as opposed to a volunteer). This hiring shall be done at the earliest time possible, and with the help of IEEE-SA staff. The cost for this professional assistant treasurer shall be charged to LMSC. This professional assistant treasurer shall be assigned to handle the financial reporting obligations as outlined below, with oversight by the LMSC Treasurer.

4. After completing the 2014 LMSC financial reporting as outlined in item 2 above, the 2015 LMSC financial data shall be entered in NetSuite with the following timeline:

For Q1 and Q2 2015, the financial data of LMSC shall be submitted through NetSuite by 30 September 2015;

For Q3 2015, the financial data of LMSC shall be submitted through NetSuite by 15 November 2015;

For Q4 2015, the financial data of LMSC shall be submitted through NetSuite by 15 February 2016.

Complete certified 2015 financial data for LMSC shall be available in NetSuite no later than 15 February 2016.

5. If the schedule mentioned above in item 4 is met without any lapse, the SASB mandate that LMSC retain a professional assistant treasurer shall be removed, and the reporting schedule for 2016 financial data from LMSC shall revert to the annual schedule followed by all other Sponsors.

6. If the SASB determines that the LMSC Chair and the LMSC Treasurer have failed to satisfactorily execute their duties for the 2014 and/or 2015 LMSC annual financial reporting per the schedule outlined above, the SASB reserves the right to pursue any and all additional actions that it deems necessary to bring the LMSC annual financial reporting into compliance with its operating procedures. Such actions may include suspension of all LMSC Sponsor activities (potentially including, but not limited to, new and modified PAR approvals, Sponsor balloting, approval of standards, meetings, etc.) as described in *IEEE-SA Standards Board Operations Manual* 5.3.6.

There was a straw poll in regards to removing all mentions of 'professional assistant treasurer'. The straw poll results: 17 in favor of removing the words; 3 opposed.

A motion was made and seconded.

Motion:

Move that the 802 EC Members are conflicted, they should leave this teleconference/webex, and the remainder of the meeting should be held in Executive Session.

The motion was approved. [Vote: Yes=15] The 802 EC Members did not participate in the vote on this motion.

The open session of the SASB meeting concluded at 16:12 UTC.

Staff provided new teleconference/webex instructions via email to the non-conflicted members of the SASB.

Executive Session commenced at 16:23 UTC and concluded at 17:22 UTC.

Attendees in Executive Session: non-conflicted SASB Members, IEEE-SA Senior staff, and IEEE-SA Governance staff

REPORT OUT

The deliberative body in Executive Session was:

Chair:

John Kulick

Members:

Stephen Dukes
Jean-Philippe Faure
Travis Griffith
Gary Hoffman
Rich Hulett
Michael Janezic
Andrew Myles
Ted Olsen
Annette Reilly
Yatin Trivedi
Philip Winston
Don Wright
Yu Yuan
Daidi Zhong

Approved resolution:

Resolved that,

The IEEE 802 LAN/MAN Standards Committee (LMSC) has failed in its duty as a Sponsor to complete the 2014 LMSC annual financial report in a timely manner. Therefore, the following corrective actions are approved by the SASB:

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- 3. The LMSC Chair and the LMSC Treasurer are instructed to provide a plan to meet the schedule shown in item 4. This plan shall be submitted by 30 June 2015 and shall be acceptable to IEEE-SA staff and IEEE-SA Treasurer.**
- 4. After completing the 2014 LMSC financial reporting as outlined in item 2 above, the 2015 LMSC financial data shall be entered in NetSuite with the following timeline:**

For Q1 and Q2 2015, the financial data of LMSC shall be submitted through NetSuite by 31 July 2015 and 31 August 2015 respectively;

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4 New Business

4.1 Public Review System Demo

This item occurred after item 2.

Yvette Ho Sang and Greg Marchini provided information, displayed a demo of the public review system, and addressed questions. It was stated that a recorded training session for the system will be made available to the public.

5 Upcoming Meetings

5.1 There is a face-to-face meeting scheduled for 03 September 2015 in Tokyo, Japan.

5.2 Japan Outreach Update

Walter Sun reported.

Walter informed the SASB Members that a survey in regards to outreach opportunities was being sent to volunteers and staff immediately after the conclusion of the 11 June 2015 SASB meeting.

6 11 June 2015 SASB Resolutions

Resolved that,

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7 Adjournment

There being no further business, the meeting was adjourned at 17:22 UTC.