IEEE-SA Standards Board Meeting Minutes
30 August 2012
IEEE Operations Center, Piscataway, New Jersey, USA
9:00 a.m. – 4:00 p.m.

Attendees:

Chair:
Rich Hulett

Vice Chair:
John Kulick

Past Chair:
Bob Grow

Secretary:
Konstantinos Karachalios

Members:
Masayuki Ariyoshi
Peter Balma
William Bartley
Ted Burse
Clint Chaplin
Wael Diab
Jean-Philippe Faure
Alex Gelman, TAB Representative
Paul Houzé
Jim Hughes
David Law
Hung Ling
Oleg Logvinov
Ted Olsen
Gary Robinson
Jon Rosdahl
Mike Seavey
Yatin Trivedi
Phil Winston
Yu Yuan

Dick DeBlasio, DOE Representative
Michael Janezic, NIST Representative

**Members Absent:**
Satish Aggarwal
Young Kyun Kim
Thomas Lee

Joe Koepfinger, Member Emeritus

**IEEE-SA Staff:**
Bill Ash
Kathryn Bennett
Matt Ceglia
Sri Chandra
Terry deCourcelle
Karen Evangelista
Tricia Gerdon
Patrick Gibbons
Krista Gluchoski
Jodi Haasz
Mary Ellen Hanntz
Yvette HoSang
Karen Kenney
Mike Kipness
Bob LaBelle
Juanita Lewis
Brenda Mancuso
Karen McCabe
Mary Lynne Nielsen
Moira Patterson
Lisa Perry
Edward Rashba
Dave Ringle, Recording Secretary
Ana Sainvilus
Alpesh Shah
Erin Spiewak
Terry Steenweg
Walter Sun
Susan Tatiner
Cherry Tom
Sue Vogel
Jim Wendorf
Call to Order

Chair Hulett called the meeting to order at 9:00 a.m. There was a round of introductions by all present.

Agenda

2.1 Approval of Agenda

There was a motion to approve the agenda. The motion was approved without objection.

2.2 Consent Agenda

2.2.1 Approval of 8 June 2012 SASB Meeting Minutes

2.2.2 AudCom Recommendations

Accepted (standards work authorized):

- PE/SB Power & Energy Society/Stationary Batteries Committee
AudCom recommends acceptance of the establishment of an additional Sponsor – Instrumentation and Measurement Society/Measurements in Power Systems TC39 (IM/MPS TC39) – operating under the currently approved Instrumentation and Measurement Society Policies and Procedures [which were accepted by the SASB on 25 March 2010].

2.2.3 NesCom Recommendations

Withdrawal Requests

IEEE Computer Society/Information Assurance
P2600.1
Standard for a Protection Profile for Hardcopy Devices in Std. 2600-2008 Operational Environment A
Recommendation: Approve PAR withdrawal

IEEE Computer Society/LAN/MAN Standards Committee
P802.1AXbq
IEEE Standard for Local and Metropolitan Area Networks – Link Aggregation Amendment: Distributed Resilient Network Interconnect
Recommendation: Approve PAR withdrawal

IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee
P1787
Standard for High Frequency Characterization for Low Temperature Co-Fired Ceramic (LTCC) Materials
Recommendation: Approve PAR withdrawal

P1802
Standard for Coaxial Connector Identification
Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Engineering in Medicine and Biology Society/IEEE 11073TM Standards Committee
P11073-10423
Standard for Health Informatics – Personal Health Device Communication – Device Specialization – Sleep Monitor
Recommendation: Approve modified PAR

IEEE Power and Energy Society/Surge Protective Devices/Low Voltage
PC62.39
Standard for Test Methods and Preferred Values for Self-Restoring Current Limiter Components Used in Telecommunication Surge Protection
**Recommendation: Approve modified PAR**

**Extension Requests**

**IEEE Computer Society/LAN/MAN Standards Committee**

**P802.11ac**

*Recommendation: Approve request for an extension until December 2014*

**IEEE Computer Society/Microprocessor Standards Committee**

**P1788**
Standard for Interval Arithmetic

*Recommendation: Approve request for an extension until December 2014*

**IEEE Engineering in Medicine and Biology Society/IEEE 11073TM Standards Committee**

**P11073-10419**
Standard for Health Informatics – Personal Health Device Communication – Device Specialization – Insulin Pump

*Recommendation: Approve request for an extension until December 2014*

**IEEE Instrumentation and Measurement Society/TC4 – High Frequency Measurement**

**P378**
Recommended Practice for Scattering Parameter Measurements and Uncertainty Analysis Using Network Analyzers

*Recommendation: Approve an extension until December 2014*

**NEW PARs**

**IEEE Broadcast Technology Society/RF Techniques**

**P1875**
Recommended Practice for Method of Measurement for Passive Intermodulation for Digital Television and FM In-Band-On-Channel Transmission Components

*Recommendation: Approve new PAR until December 2016*

**IEEE Computer Society/LAN/MAN Standards Committee**

**P802.1AB-2009/Cor 1**
IEEE Standard for Local and Metropolitan Area Networks – Station and Media Access Control Connectivity Discovery – Corrigendum 1: Technical and Editorial Corrections

*Recommendation: Approve new PAR until December 2016*

P802.3bm

**Recommendation: Approve new PAR until December 2016**

**P802.3bn**

**Recommendation: Approve new PAR until December 2016**

**P802.11aj**

**Recommendation: Approve new PAR until December 2016**

**P802.16.3**
Standard for Mobile Broadband Network Performance Measurements

**Recommendation: Approve new PAR until December 2016**

**P802.16q**
IEEE Standard for Local and Metropolitan Area Networks Part 16: Air Interface for Broadband Wireless Access Systems Amendment for Multi-tier Networks

**Recommendation: Approve new PAR until December 2016**

*IEEE Engineering in Medicine and Biology Society/IEEE 11073TM Standards Committee*

**P11073-10471a**
IEEE Health Informatics – Personal Health Device Communication Part 10471: Device specialization – Independent Living Activity Hub Amendment

**Recommendation: Approve new PAR until December 2016**

*IEEE Instrumentation and Measurement Society/TC39 Measurements in Power Systems*

**P1878**

**Recommendation: Approve new PAR until December 2016**
IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee

**P1785.2**
Standard for Rectangular Metallic Waveguides and their Interfaces for Frequencies of 110 GHz and Above Part 2: Waveguide Interfaces

*Recommendation: Approve new PAR until December 2016*

**P1785.3**
Recommended Practice for Rectangular Metallic Waveguides and their Interfaces for Frequencies of 110 GHz and Above Part 3: Recommendations for Performance and Uncertainty Specifications

*Recommendation: Approve new PAR until December 2016*

IEEE Power and Energy Society/Electric Machinery

**P56**
Guide for Insulation Maintenance of Electric Machines

*Recommendation: Approve new PAR until December 2016*

**P1719**
Guide for Evaluating Stator Cores of AC Electric Machines Rated 1 MVA and Higher

*Recommendation: Approve new PAR until December 2016*

IEEE Power and Energy Society/Insulated Conductors

**P835a**
IEEE Standard Power Cable Ampacity Tables – Amendment 1: Revision to Introduction

*Recommendation: Approve new PAR until December 2016*

**P1879**
Trial Use Guide for Extending the Life of Power Cables in the Field

*Recommendation: Approve new PAR until December 2016*

IEEE Power and Energy Society/Substations

**P1032**
Guide for Protecting Transmission Static Var Compensators

*Recommendation: Defer recommendation of new PAR to the 19 October 2012 NesCom Continuous Processing meeting*

**P1052**
Guide for the Functional Specifications for Transmission Static Synchronous Compensator (STATCOM) Systems

*Recommendation: Approve new PAR until December 2016*

IEEE Power and Energy Society/Transformers

**PC57.12.10-2010/Cor 1**
IEEE Standard Requirements for Liquid-Immersed Power Transformers – Corrigendum 1: Correction of Clause 5.1.9 Sudden Pressure Relay

**Recommendation: Approve new PAR until December 2016**

IEEE-SASB Coordinating Committees/SCC21 – Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage

**P1547a**
Standard for Interconnecting Distributed Resources with Electric Power Systems – Amendment 1

**Recommendation: Approve new PAR until December 2016**

IEEE Ultrasonics, Ferroelectrics and Frequency Control Society/IEEE Ultrasonics, Ferroelectrics and Frequency Control

**P1859**
Standard for Relaxor-Based Single Crystals for Transducer and Actuator Applications

**Recommendation: Approve new PAR until December 2016**

IEEE Vehicular Technology Society/Intelligent Transportation Systems

**P1609.3-2010/Cor 2**
IEEE Standard for Wireless Access in Vehicular Environments (WAVE) – Networking Services – Corrigendum 2: Correct Identified Errors

**Recommendation: Approve new PAR until December 2016**

**P1609.4-2010/Cor 1**
IEEE Standard for Wireless Access in Vehicular Environments (WAVE) – Multi-Channel Operation – Corrigendum 1: Correct Identified Errors

**Recommendation: Approve new PAR until December 2016**

PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

**P802.1Q**
Standard for Local and metropolitan Area Networks – Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks

**Recommendation: Approve PAR for the revision of a standard until December 2016**

**P802.11**
Standard for Information Technology – Telecommunications and Information Exchange Between Systems Local and Metropolitan Area Networks – Specific Requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications

**Recommendation: Approve PAR for the revision of a standard until December 2016**

IEEE Computer Society/Software & Systems Engineering Standards Committee
P23026

**Recommendation: Approve PAR for the revision of a standard until December 2016**

IEEE Power and Energy Society/Substations
P1264
Guide for Animal Deterrents for Electric Power Supply Substations

**Recommendation: Approve PAR for the revision of a standard until December 2016**

IEEE Power and Energy Society/Transformers
PC57.12.40
Standard for Network, Three-Phase Transformers, 2500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 600 V and Below; Subway and Vault Types (Liquid Immersed)

**Recommendation: Approve PAR for the revision of a standard until December 2016**

2.2.4 RevCom Recommendations

NEW

P802.1AC/Draft D2.1 (C/LM) Standard for Media Access Control (MAC) Service Definition

**Recommendation: APPROVE**


**Recommendation: APPROVE**


**Recommendation: APPROVE**

P802.22.2/Draft D3 (C/LM) Recommended Practice for Information Technology – Telecommunications and Information Exchange Between Systems – Wireless Regional Area Networks (WRAN) – Specific Requirements – Part 22.2: Recommended Practice for the Installation and Deployment of IEEE 802.22 Systems
Recommendation: APPROVE


Recommendation: APPROVE

P1635/Draft 10 (PE/SB) Guide for the Ventilation and Thermal Management of Batteries for Stationary Applications

Recommendation: APPROVE

P1680.2/Draft D7 (C/EASC) Standard for Environmental Assessment of Imaging Equipment

Recommendation: APPROVE

[Note: P1680.2 was removed from the SASB Consent Agenda. See item 3.1]

P1680.3/Draft 7 (C/EASC) Standard for Environmental Assessment of Televisions

Recommendation: APPROVE

[Note: P1680.3 was removed from the SASB Consent Agenda. See item 3.2]

P1720/Draft 3 (APS/A) Recommended Practice for Near-Field Antenna Measurements

Recommendation: APPROVE


Recommendation: APPROVE


Recommendation: APPROVE

REVISION

Recommendation: APPROVE

P802.3/Draft D3.2 (C/LM) Standard for Ethernet

Recommendation: APPROVE


Recommendation: APPROVE

P1278.1/Draft 17 (C/SI) Standard for Distributed Interactive Simulation – Application Protocols

Recommendation: APPROVE

PC37.60/Draft 10 (PE/SWG) Standard for High-Voltage Switchgear and Controlgear – Part 111: Automatic Circuit Reclosers and Fault Interrupters for Alternating Current Systems Up to 38 kV

Recommendation: APPROVE


Recommendation: APPROVE

REAFFIRMATION

95-2002 (R2007) (PE/EM) IEEE Recommended Practice for Insulation Testing of AC Electric Machinery (2300 V and Above) with High Direct Voltage

Recommendation: APPROVE


Recommendation: APPROVE

1210-2004 (PE/IC) IEEE Standard Tests for Determining Compatibility of Cable-Pulling Lubricants with Wire and Cable

Recommendation: DISAPPROVE
There was a motion to disapprove 1210-2004 and the remedy is to do a corrigendum.

2.2.5 Approval of Transfer of Oversight for TGDC Representative from SASB to C/SAB.

2.2.6 ICCom Recommendations

Activity Terminations:

IC10-001-01 Ethernet Wireline Bandwidth Needs
Activity successfully completed.
(ICCom recommendation 23 July 2012)

New Activity Approvals:

IC12-005-02 Smart Energy Data Repository
Entity-Based, No Sponsoring Committee
(ICCom recommendation 28 August 2012)

3 Legal Update

None

3.1 P1680.2 [Executive Session]

3.2 P1680.3 [Executive Session]

Items 3.1 and 3.2 were discussed in Executive Session.
Executive Session began at 9:20 a.m. and ended at 10:45 a.m.

Deliberative body:

Masayuki Ariyoshi
Peter Balma
William Bartley
Ted Burse
Wael Diab
Alex Gelman
Bob Grow
Paul Houzé
Jim Hughes
Rich Hulett, Chair
John Kulick
Hung Ling
Oleg Logvinov  
Ted Olsen  
Gary Robinson  
Jon Rosdahl  
Mike Seavey  
Yatin Trivedi  
Phil Winston

Report Out:  
P1680.2 and P1680.3 are approved.

4 IEEE-SA Managing Director’s Report

Konstantinos Karachalios, IEEE-SA Managing Director, provided a verbal report.

5 Old Business

6 SASB Standing Committee Reports

6.1 Audit Committee (AudCom)

Ted Olsen, AudCom Chair, reported.

6.2 Industry Connections Committee (ICCom)

John Kulick, ICCom Chair, reported.

6.3 New Standards Committee (NesCom)

Jon Rosdahl, NesCom Chair, reported.

6.4 Patent Committee (PatCom)

John Kulick, PatCom Chair, reported.

6.5 Procedures Committee (ProCom)

Jim Hughes, ProCom Chair, reported.

AI – Dave Ringle to initiate a 30-day SASB ballot RE: SASB OpMan [JSA].

AI – Dave Ringle to provide SA OpMan recommended changes RE: External Representative to BOG.

6.6 Standards Review Committee (RevCom)
David Law, RevCom Chair, reported.

7 Standards Coordinating Committee Reports
7.1 SCC Coordinator’s Report

Ted Burse, SCC Coordinator, reported.

7.2 Scheduled Reports Due in August:
7.2.1 SCC14 – Quantities, Units, and Letter Symbols (James Fry singler)
7.2.2 SCC18 – National Fire Protection Association Standards (Mel Sanders)

Mel Sanders, SCC18 Chair, reported. Chair Hulett thanked Mel and Sue Vogel for their efforts related to SCC18.

7.2.3 SCC20 – Test and Diagnosis for Electronic Systems (Mike Seavey)

Mike Seavey, SCC20 Chair, reported.

Chair Hulett thanked Mel Sanders and Mike Seavey for presenting information related to their SCCs.

There was a motion to accept the submitted reports from SCC14, SCC18 and SCC20. The motion was approved without objection.

8 Ad Hoc Reports
8.1 Appeals P&P Ad Hoc Report

Ted Burse, Appeals P&P Ad Hoc Chair, reported.

AI – Dave Ringle to initiate a 30-day SASB ballot RE: SASB Bylaws and SASB OpMan changes.

AI – Dave Ringle to provide SA OpMan recommended changes to BOG.

9 Liaison Reports
9.1 DOE Report

Dick DeBlasio, DOE Representative, provided a verbal report.

Dick reported that there is increasing interest by DOE and other agencies to address cyber security issues related to electric grid security and that the DOE NESCOR activity held a program meeting in September to address the issues confronting power systems and evaluated case studies. Dick recommended that the IEEE-SA be aware of a need to provide standards development in this area. He also mentioned that a workshop in May
was held at the IEEE (Piscataway) addressing revision possibilities to IEEE 1547 [Interconnection of Distributed Generation to the grid] and that as a result of that workshop a PAR was approved today to update, through amendments, areas for voltage regulation and under frequency and voltage control. A full revision of 1547 is not due until 2018.

9.2 NIST Report

Michael Janezic, NIST Representative, reported.

10 Informational Reports

10.1 IEEE-SA President’s Report

Steve Mills, IEEE-SA President, reported on open-stand.org.

10.2 CAG Report

Jim Hughes, CAG member, reported.

10.3 SASB Chair’s Report

None.

11 New Business

11.1 IEEE-SA Marketing Update

Shuang Yu, Senior Manager-Solutions Marketing, provided an update.

11.2 Standards Education Committee (SEC) Update

David Law, Vice Chair-SEC, provided an update. Yatin Trivedi, Editor-in-Chief of the Standards Education e-zine, assisted.

11.3 Information Exchange

Jon Rosdahl led discussion.

Goal: Review the IEEE-SA procedures and suggest appropriate changes, if needed, to clarify:
A. How to address sharing draft standards between entity-based WG and individual-based WG and
B. How to address voting in an entity project from an individual-based WG as a single vote

Chair Hulett formed an ad hoc to examine item A.
Ad Hoc composition:
Chair: Wael Diab
Members: Jean-Philippe Faure, Paul Houzé, Jim Hughes, John Kulick, David Law, Ted Olsen, Jon Rosdahl, Matt Ceglia, Tricia Gerdon, Noelle Humenick, Mary Lynne Nielsen, and Dave Ringle

12 **Next Meeting**

The next meeting of the IEEE-SA Standards Board will be 5 December 2012 in Piscataway, NJ, USA.

13 **SASB Resolutions**

None.

14 **Adjournment**

There being no further business, the meeting was adjourned at 3:39 p.m.