

## IEEE-SA Standards Board Meeting Minutes – March 2015

**IEEE-SA Standards Board****Meeting Minutes****26 March 2015****Austrian Electrotechnical Association (OVE), Vienna, Austria**

Attendees:

**Chair:**

John Kulick

**Vice Chair:**

Jon Rosdahl

**Past Chair:**

Rich Hulett

**Secretary:**

Konstantinos Karachalios

**Members:**

Ted Burse

Stephen Dukes [TAB Rep.]

Jean-Philippe Faure

Travis Griffith

Gary Hoffman

Michael Janezic

David Law

Hung Ling

Andrew Myles

Ted Olsen

Glenn Parsons

Ron Petersen

Annette Reilly

Steve Shellhammer

Adrian Stephens

Yatin Trivedi

Philip Winston

Don Wright

Yu Yuan

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Daidi Zhong

Jim Matthews, IEC Liaison

### **Members Absent:**

Masayuki Ariyoshi

Joe Koepfinger, Member Emeritus

Dick DeBlasio, DOE Liaison

### **IEEE Staff:**

Kim Breitfelder (part-time via phone)

Matthew Ceglia

Tom Compton

Karen Evangelista

Mary Ellen Hanntz

Yvette Ho Sang

Karen Kenney

Mary Lynne Nielsen

Moira Patterson

Dave Ringle, Recording Secretary

Rudi Schubert

Sam Sciacca

Norman Shaw (part-time via phone)

Lisa Weisser

### **IEEE Outside Legal Counsel:**

Claire Topp

### **Guests:**

Osama Aboul-Magd

Christian Gabriel

Michel Goudelis

Matthew Heim

Daniel Hermele

Thomas Koshy

Bruce Kraemer

Xiaohui Liu

Mike Seavey

Elisabeth Stampfl-Blaha

Mehmet Ulema, ComSoc/ComSoc Standards Board Liaison

Richard Valenta

Diego Vicentin

Yingli Wen

Francesco Zacca

## 1 Call to Order

Chair Kulick called the meeting to order at 9:02 a.m. There was a round of introductions by all present.

Chair Kulick welcomed Christian Gabriel (Managing Director of OVE Austrian Electrotechnical Committee).

Chair Kulick welcomed Elisabeth Stampfl-Blaha (ISO Vice President-Technical Management and ASI Managing Director).

## 2 Agenda

### 2.1 Approval of Agenda

**There was a motion to approve the agenda. The motion was unanimously approved.**

### 2.2 Consent Agenda

#### 2.2.1 Approval of 10 December 2014 SASB Meeting [Minutes](#)

#### 2.2.2 AudCom Recommendations

Accepted (standards work authorized):

- C/PA Computer Society/Portable Applications
- NTC/SC Nanotechnology Council/Standards Committee
- SASB/SCC14 SASB Standards Coordinating Committee 14/Quantities, Units, and Letter Symbols
- SASB/SCC20 SASB Standards Coordinating Committee 20/Test and Diagnosis for Electronic Systems

Visibly Under Development (standards work authorized):

- SASB/SCC22 SASB Standards Coordinating Committee 22/Power Quality

#### 2.2.3 ICom Recommendations

Revised Industry Connections Activity

### **IC13-002 Electric Vehicle Wireless Power Transfer**

Revised ICAID: <https://iee-SA.centraldesktop.com/p/eAAAAAAAFdvkAAAAAEIif04>

**Recommendation: Approve**

### **IC13-001 IEEE-SA Symposium on EDA Interoperability**

Revised ICAID: <https://iee-SA.centraldesktop.com/p/eAAAAAAAFdvmAAAAADei5t4>

***Recommendation: Approve***

Terminated Industry Connections Activity

**IC12-005 Smart Energy Data Repository**

***Recommendation: Approve request to terminate***

**IC12-007 Systems and Components for Energy Routers**

***Recommendation: Approve request to terminate***

**IC13-008 Next Generation Ethernet Passive Optical Network (NG-EPON)**

***Recommendation: Approve request to terminate***

2.2.4 NesCom Recommendations

Withdrawal Requests

IEEE Computer Society/Microprocessor Standards Committee

**P1722a**

IEEE Standard for Layer 2 Transport Protocol for Time Sensitive Applications in a Bridged Local Area Network Amendment 1 – Extensible Streaming Formats

***Recommendation: Approve PAR withdrawal***

IEEE Communications Society/Standards Development Board

**P1652a**

IEEE Standard for the Application of Free Field Acoustic Reference to Telephony Measurements Amendment a: Updated Diffuse Field Graph and Tables

***Recommendation: Approve PAR withdrawal***

Modified PARs

IEEE Engineering in Medicine and Biology Society/Standards Committee

**P1847**

Recommended Practice for Common Framework of Location Services (LS) for Healthcare

***Recommendation: Approve modified PAR***

IEEE Instrumentation and Measurement Society/TC4 – High Frequency Measurement

**P378**

Recommended Practices for Scattering Parameter Measurements Using Network Analyzers

***Recommendation: Disapprove modified PAR***

IEEE Power and Energy Society/Stationary Batteries Committee

**P946**

Recommended Practice for the Design of DC Power Systems for Stationary Applications

***Recommendation: Approve modified PAR***

IEEE Power and Energy Society/Transformers

**PC57.157**

Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid Filled Transformers

***Recommendation: Approve modified PAR***

Extension Requests

IEEE Power and Energy Society/Substations

**P1821**

Guide for Usage of Design Tools for Power Electronic Building Blocks (PEBB) and PEBB Based Systems

***Recommendation: Approve request for an extension until December 2016***

NEW PARs

IEEE-SA Board of Governors/Corporate Advisory Group

**P1863**

Guide for Overhead AC Transmission Line Design

***Recommendation: Approve new PAR until December 2019***

IEEE Computer Society/Design Automation

**P1735-2014/Cor 1**

Recommended Practice for Encryption and Management of Electronic Design Intellectual Property (IP) – Corrigendum 1: Correction to Rights Digest Description

***Recommendation: Approve new PAR until December 2019***

IEEE Computer Society/LAN/MAN Standards Committee

**P802.3bz**

Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 2.5 Gb/s and 5 Gb/s Operation

***Recommendation: Approve new PAR until December 2019***

**P802.11ay**

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 – Amendment: Enhanced Throughput for Operation in License-Exempt Bands above 45 GHz

***Recommendation: Approve new PAR until December 2019***

**P802.15.3e**

Standard for Information Technology – Local and Metropolitan Area Networks – Specific Requirements – Part 15.3: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for High Rate Wireless Personal Area Networks (WPAN) Amendment: High-Rate Close Proximity Point-to-Point Communications

***Recommendation: Approve new PAR until December 2019***

IEEE Computer Society/Voting Systems Standards Committee

**P1622.7**

Standard for Electronic Pollbook Data Interchange Format

***Recommendation: Approve new PAR until December 2019***

IEEE Consumer Electronics Society/Standards Committee

**P3030**

Standard for Consumer 3D Printing: Overview and Architecture

***Recommendation: Approve new PAR until December 2019***

IEEE Computational Intelligence Society/Standards Committee

**P1849**

Standard for XES – eXtensible Event Stream – for Achieving Interoperability in Event Logs and Event Streams

***Recommendation: Approve new PAR until December 2019***

IEEE Communications Society/Power Line Communications

**P1901.2a**

Standard for Low-Frequency (less than 500 kHz) Narrowband Power Line Communications for Smart Grid Applications Amendment to IEEE Standard 1901.2-2013 Standard for Low-Frequency (less than 500 kHz) Narrowband Power Line Communications for Smart Grid Applications

***Recommendation: Approve new PAR until December 2019***

IEEE Communications Society/Standards Development Board

**P1912**

Standard for Privacy and Security Architecture for Consumer Wireless Devices  
**Recommendation: Conditionally approve new PAR until December 2019; contingent upon adding 802.1X to section 7.1 and providing an explanation of the similarities.**

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

**P11073-10426**

Health Informatics – Personal Health Device Communication – Device Specialization – Personal Respiratory Therapy Equipment

**Recommendation: Approve new PAR until December 2019**

**P11073-10427**

Health Informatics – Personal Health Device Communication – Device Specialization – Monitoring Power Status of Critical Care Devices Equipment

**Recommendation: Approve new PAR until December 2019**

IEEE Industry Applications Society/Petroleum & Chemical Industry

**P45.4**

Recommended Practice for Electrical Installations on Shipboard – Marine Sectors and Mission Systems

**Recommendation: Approve new PAR until December 2019**

IEEE Power and Energy Society/Nuclear Power Engineering

**P2420**

Standard Criteria for Combustion Turbine Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations

**Recommendation: Approve new PAR until December 2019**

IEEE Power and Energy Society/Power System Relaying

**P61850-9-3**

Precision Time Protocol Profile for Power Utility Automation

**Recommendation: Defer new PAR until the next NesCom meeting**

IEEE-SASB Coordinating Committees/SCC42 – Transportation

**P2040**

Standard for Connected, Automated and Intelligent Vehicles: Overview and Architecture

**Recommendation: Conditionally approve new PAR until December 2019; contingent upon deleting part of the last sentence in section 5.2 and adding explanatory text about section 5.2 in section 8.1 with the reference to 5.2.**

**P2040.1**

Standard for Connected, Automated and Intelligent Vehicles: Taxonomy and Definitions

**Recommendation: Conditionally approve new PAR until December 2019; contingent upon adding explanatory text about section 5.2 in section 8.1 with the reference to 5.2.**

**P2040.2**

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

**Recommendation: Defer new PAR until the next NesCom meeting**

PARs for the Revision of Standards

IEEE Aerospace and Electronic Systems Society/Radar Systems Panel

**P686**

Standard Radar Definitions

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

IEEE Communications Society/Standards Development Board

**P1904.1**

Standard for Service Interoperability in Ethernet Passive Optical Networks (SIEPON)

**Recommendation: Conditionally approve PAR for the revision of a standard until December 2019; contingent upon adding the reference to section 7.4 back into section 8.1.**

IEEE Power and Energy Society/Electric Machinery

**P11**

Standard for Rotating Electric Machinery for Rail and Road Vehicles

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

IEEE Power and Energy Society/Nuclear Power Engineering

**P384**

Standard Criteria for Independence of Class 1E Equipment and Circuits

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

**P741**

Standard Criteria for the Protection of Class 1E Power Systems and Equipment in Nuclear Power Generating Stations



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

IEEE Power and Energy Society/Transmission and Distribution

**P1159**

Recommended Practice for Monitoring Electric Power Quality

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

IEEE Power and Energy Society/Transformers

**PC57.12.10**

Standard Requirements for Liquid-Immersed Power Transformers

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

**PC57.12.44**

Standard Requirements for Secondary Network Protectors

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

**PC57.105**

Guide for Application of Transformer Connections in Three-Phase Electrical Systems

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

**PC57.109**

Guide for Liquid-Immersed Transformers Through-Fault-Current Duration

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

2.2.5 RevCom Recommendations

**NEW**

**P80-2013/Cor 1/Draft 3** (PE/SUB) Guide for Safety in AC Substation Grounding – Corrigendum 1

Recommendation: APPROVE

**P1547.1a/Draft 5** (SASB/SCC21) Standard Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems Amendment 1

Recommendation: APPROVE

**P1789/Draft 3** (PEL/SC) Recommended Practices of Modulating Current in High Brightness LEDs for Mitigating Health Risks to Viewers

Recommendation: APPROVE

**P2030.2/Draft 9.0** (SASB/SCC21) Guide for the Interoperability of Energy Storage Systems Integrated with the Electric Power Infrastructure

Recommendation: APPROVE

**P3333.1.1/Draft 2** (C/SAB) Standard for the Quality of Experience (QoE) and Visual Comfort Assessments of Three Dimensional (3D) Contents Based on Psychophysical Studies

Recommendation: APPROVE

**P26531/Draft 2** (C/S2ESC) Standard for Systems and Software Engineering – Content Management for Product Life-Cycle, User, and Service Management Documentation

Recommendation: APPROVE

**PC57.153/Draft 10.2** (PE/TR) Guide for Paralleling Regulating Transformers

Recommendation: APPROVE

## **REVISION**

**P1671.5/Draft 09** (SASB/SCC20) Standard for Automatic Test Markup Language (ATML) Test Adaptor Description

Recommendation: APPROVE

**P1671.6/Draft 10** (SASB/SCC20) Standard for Automatic Test Markup Language (ATML) Test Station Description

Recommendation: APPROVE

**P15288/Draft P15288-PrePub-1502** (C/S2ESC) Systems and Software Engineering – System Life Cycle Processes

Recommendation: APPROVE

**P15289/Draft 3** (C/S2ESC) Systems and Software Engineering – Content of Life-Cycle Information Products (Documentation)

Recommendation: APPROVE

**P23026/Draft 3** (C/S2ESC) Systems and Software Engineering – Engineering and Management of Websites for Systems, Software, and Services Information

Recommendation: APPROVE

**PC37.14/Draft 14** (PE/SWG) Standard for DC (3200 V and below) Power Circuit Breakers Used in Enclosures

Recommendation: APPROVE

**PC37.20.1/Draft 7.0** (PE/SWG) Standard for Metal-Enclosed Low Voltage (1000 Vac and Below, 3200 Vdc and Below) Power Circuit Breaker Switchgear

Recommendation: APPROVE

### **3 Appointment of the SASB Vice Chair**

There were three candidates who had been nominated and accepted the nomination: Jean-Philippe Faure, Jon Rosdahl, and Don Wright.

The SASB conducted a ballot. A runoff ballot between Jon Rosdahl and Don Wright occurred.

Jon Rosdahl was appointed as the SASB Vice Chair.

### **4 Legal Update**

#### 4.1 [SASB Responsibilities](#)

Claire Topp, outside counsel to the IEEE, reported.

### **5 IEEE-SA Managing Director's [Report](#)**

Konstantinos Karachalios, IEEE-SA Managing Director, reported.

### **6 SASB Standing Committee Reports**

#### 6.1 Audit Committee ([AudCom](#))

Jean-Philippe Faure, AudCom Chair, reported.

#### 6.2 Industry Connections Committee ([ICCom](#))

Yatin Trivedi, ICom Chair, reported.

6.3 New Standards Committee ([NesCom](#))

Philip Winston, NesCom Chair, reported.

6.4 Patent Committee ([PatCom](#))

David Law, PatCom Chair, reported.

6.5 Procedures Committee ([ProCom](#))

Jon Rosdahl, ProCom Chair, reported.

Don Wright, Acting ProCom Chair, also reported.

The following P&P change was recommended by ProCom for SASB approval consideration:

- [Proposed Change](#) to SASB OpMan RE: Comment handling

***Action Item: Dave Ringle to initiate a 30-day email ballot***

The following P&P change was recommended by ProCom for SASB approval consideration:

#### **IEEE-SA Standards Board Operations Manual**

##### **5.4.5 Comments received as a result of an IEEE Public Review**

Upon the opening of the initial Sponsor ballot, an IEEE Public Review shall start and last for 60 days. Any person may purchase the initial ballot draft for information only, and have the ability to submit public review comments on said draft without vote. All public review comments **and responses** shall be submitted electronically through the IEEE Standards Association public review tools.

All public review comments received during an IEEE Public Review shall be considered by the Sponsor and a response shall be provided to the commenter. If the response indicates that a change is to be made to the draft, the commenter is entitled to receive a copy of the revised draft from the Sponsor upon request.

**The SASB unanimously approved the P&P change.**

The following P&P change in **yellow highlight** was recommended by ProCom for SASB approval consideration:

#### **IEEE-SA Standards Board Operations Manual**

##### **2. Related documents**

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American National Standards Institute, *ANSI Essential Requirements: Due process requirements for American National Standards* (current edition).

*IEEE Standards Association Operations Manual.*

*IEEE-SA Standards Board Bylaws.*

~~JSA Template~~

PAR Form.

IEEE-SA Standards Board Working Guide for Submittal of Proposed Standards and Form for Submittal of Proposed Standards. (Known as the IEEE-SA Working Guide for the Submittal of Proposed Standards.)

*IEEE Standards Style Manual.*

*Robert's Rules of Order, Newly Revised* (current edition).

### 3. Abbreviations and acronyms

**AdCom:** IEEE-SA Standards Board Administrative Committee

**ANSI:** American National Standards Institute

**ASC:** ANSI Accredited Standards Committee

**AudCom:** IEEE-SA Standards Board Audit Committee

**IEEE:** Institute of Electrical and Electronics Engineers

~~**JSA:** Joint Sponsorship Agreement~~

**NesCom:** IEEE-SA Standards Board New Standards Committee

**PAR:** Project Authorization Request

**PatCom:** IEEE-SA Standards Board Patent Committee

**ProCom:** IEEE-SA Standards Board Procedures Committee

**RevCom:** IEEE-SA Standards Board Standards Review Committee

**SASB:** IEEE-SA Standards Board

**SCC:** Standards Coordinating Committee

**SDO:** Standards-Developing Organization

**TC:** Technical Committee

**WG:** Working Group

### 5.1.2.2 Co-sponsored projects

For projects that are co-sponsored, ~~the parties shall identify a Primary Sponsor and other co-sponsors shall be indicated on the PAR; project oversight will be performed using the P&P of the Primary Sponsor's P & P are used for the project. Project oversight will be performed by the Primary Sponsor.~~

~~After a PAR has been approved, the addition/deletion of a co-sponsor or a change of the primary Sponsor requires the submission of a Modified PAR. Any co-sponsor may withdraw from the project at any time without unanimous approval of the project's sponsors prior to submission of the Modified PAR. A change to the primary Sponsor requires the unanimous approval of the project's sponsors prior to submission of the Modified PAR.~~

~~Unanimous approval of the project's sponsors is required in order to withdraw a co-sponsored project. The primary Sponsor has the right of first refusal to revive the withdrawn project. In addition, the parties shall complete and sign a pro-forma Joint Sponsorship Agreement (JSA) that addresses the following:~~

- ~~— Dissolution of the co-sponsorship~~
- ~~— Ownership after the initial project is complete~~
- ~~— Responsibilities for maintenance, corrigenda, and amendments~~
- ~~— Secondary Sponsor's access to pre-ballot drafts~~
- ~~— WG participation privileges of Secondary Sponsor's participants~~
- ~~— Reassignment of PAR from one co-sponsor to another~~

~~The JSA shall be made available to NesCom at time of PAR submittal and shall be made available for any PAR modification or RevCom submittal. The JSA will be made available to WG participants in a manner similar to other project documents (e.g., WG P & P).~~

~~Requests to update a co-sponsored document via an amendment or corrigendum shall be submitted to the primary Sponsor; the primary Sponsor is required to seek concurrence of all co-sponsors in the decision of whether or not to submit a PAR to address a requested update.~~

~~In addition to Working Group members, the administrative committee (AdCom) or the executive committee (ExCom) of each co-sponsor shall have access to pre-Sponsor-ballot drafts.~~

There was a motion to enact the amendments shown in **blue highlight**. The motion to amend was approved. [Vote: Yes=13; No=7; Abstain=2]

**The SASB approved the P&P change with an effective date of 1 April 2015. [Vote: Yes=20; No=2 (Rosdahl, Winston)]**

The following P&P change was recommended by ProCom for SASB approval consideration:

- [Proposed Change](#) to SASB OpMan RE: Draft distribution

***Action Item: Dave Ringle to initiate a 30-day email ballot***

The following P&P change was recommended by ProCom for SASB approval consideration:

#### 5.4.3.1 Ballot term

Each ballot in the standards balloting process shall close at 11:23:59 p.m. ETUTC-12<sup>[4]</sup> on the closing date specified on the ballot. The length of the ballot and associated recirculations is set by the Sponsor. The initial ballot term shall be at least 30 days in duration. The recirculation ballot term shall be at least 10 days in duration.

The Sponsor shall assess the return rate of the first ballot, where the return is the ratio of the sum of Sponsor balloting group members' *Approve*, *Do Not Approve*, and *Abstain* votes to the count of Sponsor balloting group members.

In the first ballot, if the ballot has not achieved a 75% return by the specified closing date, the ballot may be extended to close when a 75% return is received. This extension for receipt of a 75% return shall not be longer than 60 days.

**Footnote:**

[4] ET-UTC is Coordinated Universal Time in New York City, New York, USA

**The SASB approved the P&P change. [Vote: Yes=18; No=3 (Hoffman, Myles, Rosdahl); Abstain=1 (Stephens)]**

6.6 Standards Review Committee ([RevCom](#))

Ted Burse, RevCom Chair, reported.

#### **7 Standards Coordinating Committee Reports**

7.1 SCC Coordinator's [Report](#)

Yu Yuan, SCC Coordinator, reported.

**There was a motion to accept the submitted reports from SCC4, SCC20, and SCC22. The motion was unanimously approved.**

7.2 Scheduled Reports Due in March:

7.2.1 [SCC04](#) – Electrical Insulation (Paulette Payne Powell)

7.2.2 [SCC20](#) – Test and Diagnosis for Electronic Systems (Mike Seavey)

Mike Seavey, SCC20 Chair, [reported](#).

7.2.3 [SCC22](#) – Power Quality (Theo Laughner)

#### **8 Liaison Reports**

8.1 IEC [Report](#)

Jim Matthews, IEC Liaison, reported.

8.2 NIST [Report](#)

Michael Janezic, NIST Liaison, reported.

**9 Informational Reports**

9.1 CAG [Report](#)

Glenn Parsons, CAG Liaison, reported.

9.2 IEEE-SA President's [Report](#)

Bruce Kraemer, IEEE-SA President, reported.

9.3 SASB Chair's [Report](#)

Chair Kulick reported.

Chair Kulick thanked ASI and OVE for their hospitality.

**There was a motion:**

- **WHEREAS Ted Olsen is a current member of the IEEE-SA Standards Board; and**
- **WHEREAS 2015 is the 50<sup>th</sup> anniversary of Ted Olsen joining the IEEE as a member; and**
- **WHEREAS Ted Olsen has served in the IEEE Switchgear Standards Committee as a volunteer and officer for over 20 years; and**
- **WHEREAS Ted Olsen has served the IEEE Standards Association in its governance bodies for over 10 years;**
- **The IEEE-SA Standards Board takes note of this prestigious anniversary and salutes Ted Olsen for his many years of service and devotion to the IEEE and the IEEE Standards Association.**

**The motion was approved by acclamation; and a round of applause.**

**10 New Business**

10.1 [Sponsor Annual Financial Reporting](#)

Karen Kenney, Senior Director - Business Operations, Administration, and Governance, reported.

10.2 [IEEE-SA Awards](#)

Don Wright, ArCom Chair, reported.

10.3 [IEEE-SA and XML](#)



This item was time-specific and occurred at 3:00 p.m.

Kim Breitfelder (Senior Manager, Content Production & Management) and Norman Shaw (Director, New Opportunities) reported via phone.

**11**            [Upcoming Meetings](#)

11.1            There is a teleconference meeting scheduled for mid-June 2015.

***Action Item: Dave Ringle to send a doodle poll to set the exact date and time.***

11.2            There is a face-to-face meeting scheduled for 3 September 2015 in Tokyo, Japan.

**12**            **Request for information from 802.11**  
**[Executive Session]**

Prior to the beginning of Executive Session, Dan Hermele (Qualcomm) summarized the request presented to PatCom. A request was made to have the SASB ask PatCom to consider the substance of the free-form LoA.

*The SASB entered Executive Session at 3:43 p.m.*

*Attendees: SASB Members, BOG Members, legal counsel to the IEEE, IEEE-SA Senior staff, IEEE-SA Governance staff, and Yvette Ho Sang.*

*Not present in Executive Session discussion: Faure, Kraemer, Law, Ling, Myles, Parsons, Rosdahl, Shellhammer, Stephens, and Wright.*

*Executive Session ended at 5:18 p.m.*

**13**            **SASB Resolutions**

If PatCom or the SASB becomes aware of an asserted potential essential patent claim for which an Accepted LoA (on the IEEE-SA Standards Board approved patent letter of assurance form) is not on file, the information will be shared with the relevant Sponsor(s) and Working Group.

The participants in the development of the standards project at issue should be cognizant of the fact that there is not such an Accepted LoA on file, and that the SASB will take that fact into account when determining whether or not to approve a standard. Accordingly, such participants may wish to consider alternative technologies.

In addition, the SASB reserves the right to withdraw an approved standard should it be determined that market implementation is being hindered by the assertion of essential patent claims in the absence of an Accepted LoA.

The IEEE-SA Standards Board directs PatCom to create an FAQ addressing the above resolution.

Any future requests to PatCom for consideration of whether the IEEE-SA Standards Board should approve P802.11ah notwithstanding the fact that there is an asserted potential essential patent claim for which an Accepted LoA (on the IEEE-SA Standards Board approved patent letter of assurance form) is not on file shall be referred to the IEEE-SA Standards Board.

#### **14           Adjournment**

There being no further business, the meeting was adjourned at 5:19 p.m.