IEEE SA Standards Board (SASB) Meeting Minutes
Session 1: 24 March 2022, 12:30 p.m. – 3:30 p.m. UTC
Session 2: 25 March 2022, 12:30 p.m. – 3:30 p.m. UTC
Teleconference/Webex

Attendees

Chair:
David Law

Vice Chair:
Ted Burse

Past Chair:
Gary Hoffman

Secretary:
Konstantinos Karachalios

Members:
Edward Addy [TAB Rep.]
Ramy Fathy
Travis Griffith
Guido Hiertz
Yousef Kimiagar
Thomas Koshy
John Kulick
Johnny Lin [Session 1]
Kevin Lu
Daleep Mohla
Andrew Myles
Damir Novosel
Annette Reilly
Robby Robson
Jon Rosdahl
Mark Siira
Dorothy Stanley [Session 1]
Lei Wang
Keith Waters
Karl Weber
Sha Wei [Session 1]
Philip Winston
Daidi Zhong [Session 1]

**Members Absent:**
Joe Koepfinger, Member Emeritus

**IEEE Staff:**
Christy Bahn [Session 1]
Kim Breitfelder [Session 1]
Matthew Ceglia
Sri Chandrasekaran
Karen Evangelista
Jonathan Goldberg
Lloyd Green [Session 1]
Jodi Haasz
Yvette Ho Sang
Soo Kim
Michael Kipness [Session 1]
Vanessa Lalitte [Session 1]
Juanita Lewis [Session 1]
Jiajia Liu [Session 1]
Kelly Lorne
Karen McCabe [Session 1]
Erin Morales
Ashley Moran [Session 1]
Adam Newman
Mary Lynne Nielsen [Session 1]
Tania Olabi-Colon [Session 1]
Christian Orlando [Session 1]
Moira Patterson [Session 1]
Lisa Perry [Session 1]
Dave Ringle, Recording Secretary
Pat Roder [Session 1]
Jennifer Santulli [Session 1]
Rudi Schubert [Session 1]
Tom Thompson [Session 1]
Lisa Weisser
Malia Zaman [Session 1]
Meng Zhao [Session 1]

**IEEE Outside Legal Counsel:**
Call to Order

Chair Law called the meeting to order at 12:33 p.m. UTC. On 24 March 2022
There was a round of introductions by all present. It was noted that the meeting was quorate.

Chair Law welcomed GEPS Representatives, specifically noting the entities that had joined since the December 2021 SASB meeting.

3 Agenda
3.1 Approval of Agenda

There was a motion to approve the agenda. In the absence of objection, the motion was approved by unanimous consent.

3.2 Consent Agenda
3.2.1 Approval of 08 December 2021 SASB Meeting Minutes

3.2.2 AudCom Recommendations

Standards Committee P&Ps

Accepted (standards work authorized):

- BTS/BTSC Broadcast Technology Society/Broadcast Technology Standards Committee
- IM/SDM Instrumentation and Measurement Society/Secure and Dependable Measurement
- RS/SC Reliability Society/IEEE Reliability

New Standards Committee Recognition with Accepted P&Ps

Motion: Recommend that the SASB recognize the Broadcast Technology Society/Broadcast Technology Standards Committee, to be abbreviated as BTS/BTSC, as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2.

3.2.3 NesCom Recommendations

Modified PARs:
IEEE Computer Society/Standards Activities Board

**P3333.1.4**
Recommended Practice for the Quality Assessment of Light Field Imaging
**Recommendation:** Approve modified PAR

IEEE Power and Energy Society/Switchgear

**PC37.012**
Guide for the Application of Capacitive Current Switching for AC High-Voltage Circuit Breakers Above 1000 V
**Recommendation:** Approve modified PAR

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

**P1547.9**
**Recommendation:** Approve modified PAR

Extension Requests:

IEEE Geoscience and Remote Sensing Society/Standards Committee

**P4001**
Standard for Characterization and Calibration of Ultraviolet through Shortwave Infrared (250 nm to 2500 nm) Hyperspectral Imaging Devices
**Recommendation:** Approve request for an extension until December 2023

New PARs:

IEEE Computer Society/Artificial Intelligence Standards Committee

**P3157**
Recommended Practice for Vulnerability Test for Machine Learning Models for Computer Vision Applications
**Recommendation:** Approve new PAR until December 2026

IEEE Computer Society/Blockchain and Distributed Ledgers
P3222
Standard for the Reference Architecture of Blockchain as a Service
Recommendation: Approve new PAR until December 2026

P3223
Standard for the Reference Architecture of Blockchain Fusion Server
Recommendation: Approve new PAR until December 2026

IEEE Computer Society/Data Compression Standards Committee
P3161
Standard for Digital Retina Systems
Recommendation: Approve new PAR until December 2026

IEEE Computer Society/LAN/MAN Standards Committee
P802.3dg
Standard for Ethernet
Amendment: Physical Layer Specifications and Management Parameters for 100 Mb/s Operation and Associated Power Delivery Over a Single Balanced Pair of Conductors
Recommendation: Approve new PAR until December 2026

IEEE Computer Society/Standards Activities Board
P3158
Standard for Trusted Data Matrix System Architecture
Recommendation: Approve new PAR until December 2026

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee
P2418.11
Framework for Use of Distributed Ledger Technology in Security of Electronic Voting (e-Voting) Systems
Recommendation: Approve new PAR until December 2026

IEEE Industry Applications Society/Petroleum & Chemical Industry
P1349-2021/Cor 1
Guide for the Application of Electric Machines in Zone 2 and Class I, Division 2 Hazardous (Classified) Locations – Corrigendum 1

Recommendation: Approve new PAR until December 2026

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P2030.103
Standard for Universal Utility Data Exchange (UUDEX)
Recommendation: Approve new PAR until December 2026

IEEE Power and Energy Society/Switchgear

PC37.86
Guide for Internet of Things (IoT) Switchgear Terminals (52 kV and Below)
Recommendation: Approve new PAR until December 2026

IEEE Power and Energy Society/Transformers

PC57.13.10
Guide for Calibration of Energized Current Transformers for 34.5 kV and Below
Recommendation: Approve new PAR until December 2026

IEEE SA Board of Governors/Corporate Advisory Group

P2899.1
Standard for Speech Recognition and Interaction System for Smart Home – Engineering Specifications for a Listening Room
Recommendation: Approve new PAR until December 2026

P2899.2
Standard for Speech Recognition and Interaction System for Smart Home – Safety Requirements for Speech Control
Recommendation: Approve new PAR until December 2026

P2899.3
Standard for Speech Recognition and Interaction System for Smart Home – Collection Requirements of Corpus and Noise for Laboratory-Level Testing
Recommendation: Approve new PAR until December 2026

P2977
Adoption of the MIPI A-PHY Specification Version 1.1
**Recommendation:** Approve new PAR until December 2026

**P3300**
Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification Multimodal Conversation Version 1.1
**Recommendation:** Approve new PAR until December 2026

**IEEE Signal Processing Society/Synthetic Aperture Standards Committee**

**P3162**
Standard for Synthetic Aperture Channel Sounding Measurements
**Recommendation:** Approve new PAR until December 2026

**IEEE-SASB Coordinating Committees/SCC31 – Automatic Meter Reading and Energy Management**

**P3159**
Guide for Online Evaluation Method of Electricity Meter Operating Error Based on Power Consumption Data Collection and Access
**Recommendation:** Approve new PAR until December 2026

PARs for the Revision of Standards:

**IEEE Computational Intelligence Society/Standards Committee**

**P1849**
Standard for eXtensible Event Stream (XES) for Achieving Interoperability in Event Logs and Event Streams
**Recommendation:** Approve PAR for the revision of a standard until December 2026

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

**P802**
Standard for Local and Metropolitan Area Networks: Overview and Architecture
**Recommendation:** Approve PAR for the revision of a standard until December 2026
IEEE Computer Society/Software & Systems Engineering Standards Committee

**P24748-2**
**Recommendation:** Approve PAR for the revision of a standard until December 2026

IEEE Computer Society/Test Technology

**P1687**
Standard for Access and Control of Instrumentation Embedded within a Semiconductor Device
**Recommendation:** Approve PAR for the revision of a standard until December 2026

IEEE Industry Applications Society/Petroleum & Chemical Industry

**P1662**
Recommended Practice for the Design and Application of Power Electronics in Electrical Power Systems
**Recommendation:** Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Energy Development & Power Generation

**P810**
Standard for Hydraulic Turbine and Generator Shaft Couplings and Shaft Runout Tolerances
**Recommendation:** Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Nuclear Power Engineering

**P1205**
Guide for Assessing, Monitoring, and Mitigating Aging Effects on Electrical Equipment Used in Nuclear Power Generating Stations and Other Nuclear Facilities
Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Power System Relaying and Control

PC37.119
Guide for Power System Circuit Breaker Failure Protection
Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Substations

P1402
Recommended Practice for Physical Security of Electric Power Substations
Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Switchgear

PC37.24
Guide for Evaluating the Effect of Solar Radiation on Outdoor Switchgear
Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Transformers

PC57.13
Standard Requirements for Instrument Transformers
Recommendation: Approve PAR for the revision of a standard until December 2026

PC57.130
Recommendation: Approve PAR for the revision of a standard until December 2026

PC57.139
Guide for the Interpretation of Gases Generated in Liquid-Type Load Tap Changers
**Recommendation:** Approve PAR for the revision of a standard until December 2026

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

**P1547**
Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces

**Recommendation:** Approve PAR for the revision of a standard until December 2026

**PAR Title Changes for Harmonization with ISO:**

**P11073-10101c (EMB/11073)**

Current Title: 'Standard for Health Informatics – Point-of-Care Medical Device Communication – Part 10101: Nomenclature Amendment 3: Additional definitions'

New Title: 'Health Informatics – Device Interoperability – Part 10101: Point-of-Care Medical Device Communication – Nomenclature Amendment 3: Additional definitions'

**P11073-10103 (EMB/11073)**

Current Title: 'Health Informatics – Point-of-Care Medical Device Communication Part 10103: Nomenclature – Implantable Device, Cardiac'

New Title: 'Health Informatics – Device interoperability – Part 10103: Point-of-Care Medical Device Communication – Nomenclature – Implantable Device, Cardiac'

**Project Number Change Request:**

Current Number: P3003.5 (IAS/ICPS/SDC)

'Recommended Practice for Connections to Earth for Alternating Current (AC) Industrial and Commercial Power Systems Facilities'

New Number: P3003.4

3.2.4 RevCom Recommendations
New:

**IEEE Communications Society/Green ICT Standards Committee**

**P1924.1/Draft 15**
IEEE Draft Recommended Practice for Developing Energy Efficient Power-Proportional Digital Architectures

**Recommendation:** Conditional approval based on receipt of the copyright permission letter

**IEEE Consumer Technology Society/Blockchain Standards Committee**

**P2418.10/Draft 2.1**
IEEE Draft Standard for Blockchain-Based Digital Asset Management

**Recommendation:** APPROVE

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

**P2621.1/Draft 2**

**Recommendation:** APPROVE

**P2621.2/Draft 2**

**Recommendation:** APPROVE

**P2621.3/Draft 3.0**
IEEE Draft Recommended Practice for Wireless Diabetes Device Security – Use of Mobile Devices in Diabetes Control Contexts

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Transmission and Distribution**

**P2819/Draft 6**
IEEE Draft Recommended Practice for Measuring Method of Electromagnetic Environment for the Corridor of High-Voltage Overhead Power Transmission Lines in Parallel Mixed with Alternating Current and Direct Current
Recommendation: APPROVE

P2871/Draft 4.6
IEEE Draft Standard for Wedge-Shaped Groove Clamps
Recommendation: APPROVE

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P2846/Draft 8
Recommendation: APPROVE

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P2753/Draft 6
Recommendation: APPROVE

Revision:

IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee

P1184/Draft 61
IEEE Draft Guide for Batteries for Uninterruptible Power Supply Systems
Recommendation: APPROVE

IEEE Power and Energy Society/Nuclear Power Engineering

P741/Draft 1
Recommendation: APPROVE

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.2.1/Draft 7

**Recommendation:** APPROVE

3.2.5 **Standards for Transfer to Inactive-Reserved Status**

4 **SASB Responsibilities and Fiduciary Duty**

Claire Topp, IEEE Outside Legal Counsel, provided information to the SASB.

5 **Appointment of the SASB Vice Chair**

There were four candidates who had been nominated and accepted the nomination: Ted Burse, Andrew Myles, Robby Robson, and Jon Rosdahl.

The SASB conducted an email ballot.

Ted Burse was appointed as the SASB Vice Chair.

6 **SASB Standing Committee Reports**

6.1 Audit Committee ([AudCom](#))

Kevin Lu, AudCom Chair, reported.

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

Dorothy Stanley, NesCom Chair, reported.

6.3 Patent Committee ([PatCom](#))

John Kulick, PatCom Chair, reported.

6.4 Procedures Committee ([ProCom](#))

Ted Burse, ProCom Chair, reported.

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

Travis Griffith, RevCom Chair, reported.
7 Old Business

None.

8 Informational Reports

8.1 CAG Report

Don Wright, SASB Liaison to the CAG, reported.

8.2 IEEE SA President’s Report

Jim Matthews, IEEE SA President, reported.

**Action Item: Collaboration amongst IEEE SA, TA, and TAB CoS should be added to a future agenda.**

**Action Item: How the IEEE SA can assist with hybrid meetings should be considered by the S&SI SMDC.**

8.3 IEEE SA Managing Director’s Report

Konstantinos Karachalios, IEEE SA Managing Director, reported.

8.4 SASB Chair’s Report

Chair Law reported.

9 New Business

None.

10 Next Meeting

The next SASB meeting is scheduled for 16 June 2022. This meeting is planned to be a hybrid meeting with the in-person component in Toronto, Canada.
11  SASB Resolutions

The SASB recognized the Broadcast Technology Society/Broadcast Technology Standards Committee, to be abbreviated as BTS/BTSC, as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2.

12  Executive Session Items
12.1  SASB Oversight Committee RE: a Specific Standards Committee

13  Adjournment

There being no further business, the meeting was adjourned at 2:57 p.m. UTC on 25 March 2022.