

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]
Maira 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:

Claire Topp – Dorsey & Whitney LLP

Guests:

Amelia Andersdotter [Session 1]
Michael Atlass [Session 1]
Hui Ding [Session 1]
Doug Edwards [Session 1]
Robert Fish [Session 1]
Latonia Gordon [Session 1]
Sengmeng Koo [Session 1]
Joseph Levy [Session 1]
Howard Li [Session 1]
Hung Ling [Session 1]
Gui Liu [Session 1]
Xiaohui Liu [Session 1]
Haiying Lu [Session 1]
Markus Maass [Session 1]
Jim Matthews
Kesang Namgay [Session 1]
Paul Nikolich
Glenn Parsons
Matteo Sabattini [Session 1]
Lachlan Scully [Session 1]
Robert Stacey [Session 1]
Mehmet Ulema [Session 1]
Constance Weise [Session 1]
Don Wright
Yu Yuan [Session 1]

[NOTE: Some presentations are available to SASB Members in the IEEE SA [Standards Board document repository](#), in the Files & Discussions area, in the March 2022 folder.]

1 Call to Order

Chair Law called the meeting to order at 12:33 p.m. UTC. On 24 March 2022

2 Introductions

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

Guide to Using IEEE Standard 1547 for Interconnection of Energy Storage Distributed Energy Resources with Electric Power Systems

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

International Standard – Systems and Software Engineering – Life Cycle Management – Part 2: Guidelines for the Application of ISO/IEC/IEEE 15288 (System Life Cycle Processes)

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

Guide for the Use of Dissolved Gas Analysis Applied to Factory Temperature Rise Tests for the Evaluation of Mineral Oil-Immersed Transformers and Reactors

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

IEEE Draft Standard for Wireless Diabetes Device Security Assurance Evaluation – Connected Electronic Product Security Evaluation Programs

Recommendation: APPROVE

P2621.2/Draft 2

IEEE Draft Standard for Wireless Diabetes Device Security – Information Security Requirements for Connected Diabetes Solutions

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

IEEE Draft Standard for Assumptions in Safety-Related Models for Automated Driving Systems

Recommendation: APPROVE

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P2753/Draft 6

IEEE Draft Guide for the Measurement of Pantograph Off-Line and Evaluation of Current Collection Performance for High Speed Railway

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

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

Recommendation: APPROVE

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.2.1/Draft 7

IEEE Draft Standard for Wireless Access in Vehicular Environments (WAVE) –
Certificate Management Interfaces for End Entities

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.