IEEE SA Standards Board (SASB) DRAFT Meeting Minutes

08 December 2021
1:30 p.m. – 5:00 p.m. UTC
Teleconference/Webex

Attendees

Chair:
Gary Hoffman

Vice Chair:
Jon Rosdahl

Past Chair:
John Kulick

Secretary:
Konstantinos Karachalios

Members:
Edward Addy [TAB Rep.]
Doug Edwards
Ramy Fathy
Travis Griffith
Thomas Koshy
David Law
Howard Li
Johnny Lin
Kevin Lu
Daleep Mohla
Damir Novosel
Annette Reilly
Dorothy Stanley
Mehmet Ulema
Lei Wang
Keith Waters
Karl Weber
Sha Wei
Howard Wolfman
Daidi Zhong

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

**IEEE Staff:**
Priscilla Amalraj
Christy Bahn
Adrien Bastos
Km Breitfelder
Matthew Ceglia
Karen Evangelista
Jonathan Goldberg
Lloyd Green
Jodi Haasz
Yvette Ho Sang
Soo Kim
Michael Kipness
Vanessa Lalitte
Kristin Little
Jiajia Liu
Kelly Lorne
Karen McCabe
Karen McLean
Erin Morales
Ashley Moran
Adam Newman
Mary Lynne Nielsen
Tania Olabi-Colon
Christian Orlando
Moira Patterson
Daniel Perez
Lisa Perry
Dave Ringle, Recording Secretary
Pat Roder
Jennifer Santulli
Rosalinda Saravia
Rudi Schubert
Tom Thompson
Michelle Turner
Lisa Weisser
Malia Zaman
Meng Zhao

IEEE Outside Legal Counsel:
Claire Topp – Dorsey & Whitney LLP

Guests:
Chuck Adams
Alison Aquilina
Michael Atlass
Edward Au
Ted Burse
Jennyffer Cisneros
Jean-Phillippe Faure
Robert Fish
Eve Gadzikwa
Latonia Gordon
Guido Hiertz
Victor Huang
Yixiong Kok
Dominik Krantz
Joseph Levy
Hung Ling
Xiaohui Liu
Haiying Lu
Jim Matthews
Paul Nikolich
Glenn Parsons
Robby Robson
Matteo Sabattini
Lachlan Scully
Mike Seavey
Mark Siira
Bright Tango
Constance Weise
Philip Winston
Don Wright
Yu Yuan
1  **Call to Order**

Chair Hoffman called the meeting to order at 1:32 p.m. UTC.

2  **Introductions**

There was a round of introductions by all present. It was noted that the meeting was quorate.

Chair Hoffman welcomed GEPS Representatives and the IEEE SA Fellowship program participants.

3  **Agenda**

3.1  Approval of Agenda

In the absence of objection, the motion was approved by unanimous consent.

3.2  Consent Agenda

3.2.1  Approval of 23-24 September 2021 SASB Meeting Minutes

3.2.2  AudCom Recommendations

**Standards Committee P&Ps**

Accepted *(standards work authorized)*:

- COM/SDB   Communications Society/Standards Development Board
- COM/AerCom-SC Communications Society/Unmanned Aerial Vehicles Communications Standard Committee
- C/MSC Computer Society/Microprocessor Standards Committee
- EDU/SC Education Society/Standards Committee
- IES/IES Industrial Electronics Society/Industrial Electronics
New Standards Committee Recognition with Accepted P&Ps

Motion: Recommend that the SASB recognize the Communications Society/Unmanned Aerial Vehicles Communications Standards Committee, to be abbreviated as (COM/AerCom-SC), as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2.

Motion: Recommend that the SASB recognize the Vehicular Technology Society/Overhead Contact Systems, to be abbreviated as (VT/OCS), as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2.

3.2.3 NesCom Recommendations

Withdrawal Requests:

**IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee**

**P3007.1**
Recommended Practice for the Operation and Management of Industrial and Commercial Power Systems

**Recommendation:** Approve PAR withdrawal

**P3007.3**
Recommended Practice for Electrical Safety in Industrial and Commercial Power Systems

**Recommendation:** Approve PAR withdrawal

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

**P287**
Standard for Precision Coaxial Connectors (DC-110 GHZ)

**Recommendation:** Approve PAR withdrawal

Modified PARs:
IEEE Computer Society/Functional Safety Standards Committee

P2851
Standard for Functional Safety Data Format for Interoperability within the Dependability Lifecycle
Recommendation: Approve modified PAR until December 2023

IEEE Computer Society/Software & Systems Engineering Standards Committee

P29119-1
Recommendation: Approve modified PAR until December 2023

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

P11073-10725
Health Informatics – Device Interoperability – Part 10725: Point-of-Care Medical Device Communication – Device Specialization – Suction and Irrigation Pump
Recommendation: Approve modified PAR until December 2023

IEEE Power and Energy Society/Insulated Conductors

P1202
Standard for Testing Flame-Propagation and Smoke Generation of Cables
Recommendation: Approve modified PAR until December 2022

P2417
Guide for Early Detection, Mitigation, Preventative Measures, and Response to Smoke, Fire, and Explosions in Underground Electrical Structures
Recommendation: Approve modified PAR until December 2022

IEEE Power and Energy Society/Power System Relaying and Control

PC37.249
Guide for Categorizing Security Needs for Protection, Automation, and Control Related Data Files
Recommendation: Approve modified PAR until December 2021
Extension Requests:

IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

P1780
Standard for the Specification of Inertial Measurement Units (IMU)
**Recommendation:** Approve request for an extension until December 2022

IEEE Communications Society/Mobile Communication Networks Standards Committee

P1932.1
Standard for Licensed/Unlicensed Spectrum Interoperability in Wireless Mobile Networks
**Recommendation:** Approve request for an extension until December 2023

IEEE Communications Society/Virtualized and Software Defined Networks, and Services Standards Committee

P2784
Guide for the Technology and Process Framework for Planning a Smart City
**Recommendation:** Approve request for an extension until December 2024

IEEE Computer Society/Cloud Computing Standards Committee

P2302
Standard for Intercloud Interoperability and Federation (SIIF)
**Recommendation:** Approve request for an extension until December 2022

IEEE Computer Society/LAN/MAN Standards Committee

P802.1ABcu
Standard for Local and Metropolitan Area Networks – Station and Media Access Control Connectivity Discovery Amendment: YANG Data Model
**Recommendation:** Approve request for an extension until December 2022

P802.1ACct
Standard for Local and Metropolitan Area Networks – Media Access Control (MAC) Service Definition
Amendment Support for IEEE Std 802.15.3

**Recommendation:** Approve request for an extension until December 2022

**IEEE Computer Society/Standards Activities Board**

**P3333.1.3**
Standard for the Deep Learning-Based Assessment of Visual Experience Based on Human Factors

**Recommendation:** Approve request for an extension until December 2022

**P7130**
Standard for Quantum Technologies Definitions

**Recommendation:** Approve request for an extension until December 2023

**IEEE Consumer Technology Society/Standards Committee**

**P3141**
Trial-Use Standard for 3D Body Processing

**Recommendation:** Approve request for an extension until December 2024

**IEEE Electromagnetic Compatibility Society/Standards Development Committee**

**P2717**
Passive Intermodulation Test Methods for Wireless Systems in Low Noise Environments

**Recommendation:** Approve request for an extension until December 2023

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

**P11073-10101b**
Health informatics – Device Interoperability – Part 10101: Foundational – Nomenclature – Amendment 2: Additional definitions

**Recommendation:** Approve request for an extension until December 2022

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

**P2650**
Standard for Enabling Mobile Device Platforms to be Used as Pre-Screening Audiometric Systems
**Recommendation:** Approve request for an extension until December 2024

**P3333.2.5**  
Standard for Bio-CAD File Format for Medical Three-Dimensional (3D) Printing  
**Recommendation:** Disapprove request for an extension

**IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee**

**P21451-002**  
Recommended Practice for Low-Power Smart Transducers Applications  
**Recommendation:** Approve request for an extension until December 2024


**P61869-105**  
Recommended Practice for Uncertainty Evaluation in the Calibration of Instrument Transformers  
**Recommendation:** Approve request for an extension until December 2022

**IEEE Power and Energy Society/Electric Machinery**

**P62.2**  
Guide for Diagnostic Field Testing of Electric Power Apparatus – Electrical Machinery  
**Recommendation:** Approve request for an extension until December 2024

**P97**  
Diagnostic Test Methods for testing the Insulation of AC Electric Machinery Using Direct Voltage  
**Recommendation:** Approve request for an extension until December 2024

**P433**  
Recommended Practice for Insulation Testing of AC Electric Machinery with High Voltage Rating up to 30 kV at Very Low Frequency  
**Recommendation:** Approve request for an extension until December 2022

**P1553**  
Standard for Voltage Endurance Testing of Form-Wound Coils and Bars for Hydrogenerators
**Recommendation:** Approve request for an extension until December 2022

**P1776**  
Recommended Practice for Thermal Evaluation of Unsealed or Sealed Insulation Systems for AC Electric Machinery Employing Form-Wound Pre-Insulated Stator Coils for Machines Rated 15 000 V and Below  
**Recommendation:** Approve request for an extension until December 2023

**IEEE Power and Energy Society/Energy Development & Power Generation**

**P63198-2775**  
Technical Guide for Smart Hydroelectric Power Plant  
**Recommendation:** Approve request for an extension until December 2023

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

**P1184**  
Guide for Batteries for Uninterruptible Power Supply Systems  
**Recommendation:** Approve request for an extension until December 2022

**P2685**  
Recommended Practice for Energy Storage for Stationary Engine-Starting Systems  
**Recommendation:** Approve request for an extension until December 2023

**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 2022

**P634**  
Standard for Cable-Penetration Fire Stop Qualification Test  
**Recommendation:** Approve request for an extension until December 2023

**P1614**  
Field-Testing of Shielded Power Cable Systems Rated 5 kV and Above with Continuous Alternating Voltage  
**Recommendation:** Approve request for an extension until December 2023
P1617
Guide for Assessment, Mitigation, and Control of Corrosion of Metallic Shields in Extruded Dielectric Cables rated 5 kV to 46 kV
Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P1595
Standard for Testing and Performance for Optical Phase Conductor (OPPC) for Use on Electrical Utility Power Lines
Recommendation: Approve request for an extension until December 2022

P1711.1
Recommendation: Approve request for an extension until December 2023

IEEE Power and Energy Society/Power System Relaying and Control

C37.235
Guide for the Application of Rogowski Coils Used for Protective Relaying Purposes
Recommendation: Approve request for an extension until December 2022

P1646
Standard Communication Delivery Time Performance Requirements for Electric Power Substation Automation
Recommendation: Approve request for an extension until December 2023

PC37.90.2
Recommendation: Approve request for an extension until December 2023

PC37.110
Guide for the Application of Current Transformers Used for Protective Relaying Purposes
Recommendation: Approve request for an extension until December 2023
**PC37.249**
Guide for Categorizing Security Needs for Protection and Automation Related Data Files
**Recommendation:** Approve request for an extension until December 2022

**IEEE Power and Energy Society/Substations**

**P80**
Guide for Safety in AC Substation Grounding
**Recommendation:** Approve request for an extension until December 2023

**P81**
Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Grounding System
**Recommendation:** Approve request for an extension until December 2023

**P980**
Guide for Containment and Control of Oil Spills in Substations
**Recommendation:** Approve request for an extension until December 2022

**P1127**
**Recommendation:** Approve request for an extension until December 2023

**IEEE Power and Energy Society/Surge Protective Devices/High Voltage**

**PC62.82.2**
Guide for the Application of Insulation Coordination
**Recommendation:** Approve request for an extension until December 2022

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

**PC62.230**
Guide for Surge Protection of Electric Vehicle Infrastructure
**Recommendation:** Approve request for an extension until December 2022

**IEEE Power and Energy Society/Transformers**

**P63253-5713-8**
Standard Requirements for Station Service Voltage Transformers
Recommendation: Approve request for an extension until December 2023

**PC57.12.80**
Standard Terminology for Power and Distribution Transformers
Recommendation: Approve request for an extension until December 2023

**PC57.13.2**
Standard for Conformance Test Procedure for Instrument Transformers
Recommendation: Approve request for an extension until December 2023

**PC57.124**
Recommended Practice for the Detection of Partial Discharge and the Measurement of Apparent Charge in Dry-Type Transformers
Recommendation: Approve request for an extension until December 2023

**PC57.150**
Guide for the Transportation of Transformers and Reactors Rated 10,000 kVA or Higher
Recommendation: Approve request for an extension until December 2023

**PC57.165**
Guide for Temperature Measurements for Liquid Immersed Transformers and Reactors
Recommendation: Approve request for an extension until December 2023

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

**P1368**
Guide for Aeolian Vibration Field Measurements of Overhead Conductors
Recommendation: Approve request for an extension until December 2023

**P1453**
Standard for Measurement and Limits of Voltage Fluctuations and Associated Light Flicker on AC Power Systems
Recommendation: Approve request for an extension until December 2022

**IEEE Robotics and Automation Society/Standing Committee for Standards**

**P7008**
Standard for Ethically Driven Nudging for Robotic, Intelligent, and Autonomous Systems

**Recommendation:** Approve request for an extension until December 2023

**IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee**

**P7011**
Standard for the Process of Identifying and Rating the Trustworthiness of News Sources

**Recommendation:** Approve request for an extension until December 2023

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

**P1704**
Standard for Utility Industry End Device Communications Module

**Recommendation:** Approve request for an extension until December 2022

**IEEE-SASB Coordinating Committees/SCC39 – International Committee on Electromagnetic Safety**

**P63195-1**
Measurement Procedure for the Assessment of Power Density of Human Exposure to Radio Frequency Fields from Wireless Devices Operating in Close Proximity to the Head and Body – Frequency Range of 6 GHz to 300 GHz

**Recommendation:** Approve request for an extension until December 2022

**P63195-2**
The Assessment of Power Density of Human Exposure to Radio Frequency Fields from Wireless Devices in Close Proximity to the Head and Body, part 2: Computational procedure (Frequency Range of 6 GHz to 300 GHz)

**Recommendation:** Approve request for an extension until December 2022

**New PARs:**

**IEEE Computer Society/Cybersecurity and Privacy Standards Committee**

**P3117**
Standard for Interworking Framework for Privacy-Preserving Computation

**Recommendation:** Approve new PAR until December 2025
IEEE Computer Society/LAN/MAN Standards Committee

**P802.3df**
Standard for Ethernet
Amendment: Media Access Control Parameters, Physical Layers, and Management Parameters for 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Operation
**Recommendation:** Approve new PAR until December 2025

IEEE Computer Society/Software & Systems Engineering Standards Committee

**P3131**
Recommended Practice for Data Engineering with Heterogeneous Ecosystems and Data Sources for Efficient Data Processing, Management, and Consumption
**Recommendation:** Approve new PAR until December 2025

IEEE Computer Society/Standards Activities Board

**P2888.5**
Standard for Virtual Training System Evaluation Methods
**Recommendation:** Approve new PAR until December 2025

**P2888.6**
Standard for Holographic Visualization for Interfacing Cyber and Physical Worlds
**Recommendation:** Approve new PAR until December 2025

**P3079.3**
Standard for a Framework for Evaluating the Quality of Digital Humans
**Recommendation:** Approve new PAR until December 2025

IEEE Engineering in Medicine and Biology Society/Standards Committee

**P3135**
Standard for Specifying Requirements for Neurofeedback Systems Design
**Recommendation:** Approve new PAR until December 2025
IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P3137
Standard for Automotive Electronics Product Inspection Equipment
Recommendation: Approve new PAR until December 2025

P3138
Standard for General Requirements of Chip Visual Inspection in Surface Mount Industry
Recommendation: Approve new PAR until December 2025

IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee

P3136
Standard for a Universal Waveguide Interface for Frequencies of 60 GHz and Above
Recommendation: Approve new PAR until December 2025

IEEE Photonics Society/Standards Committee

P3112
Standard for Electronic Photonic Design Automation – Open Data Formats – Terminology and Definitions
Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Substations

PC37.431.40
Standard for Functional Specifications of Medium (1 kV to 69 kV) Voltage Series and Shunt Electronic Devices for Dynamic Voltage Compensation
Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Switchgear

PC37.04a
Standard for Ratings and Requirements for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V
Amendment: Changes to construction requirements and clarification of certain related required capabilities
Recommendation: Approve new PAR until December 2025
**PC37.09a**
Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V
Amendment: Modifications to test procedures
**Recommendation:** Approve new PAR until December 2025

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

**P3139**
Guide for Power Quality Data Analytics
**Recommendation:** Approve new PAR until December 2025

**IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee**

**P7030**
Recommended Practice for Ethical Assessment of Extended Reality (XR) Technologies
**Recommendation:** Approve new PAR until December 2025

PARs for the Revision of Standards:

**IEEE Computer Society/Design Automation**

**P1076**
**Recommendation:** Approve PAR for the revision of a standard until December 2025

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

**P802.15.3**
Standard for Wireless Multi-Media Networks
**Recommendation:** Approve PAR for the revision of a standard until December 2025

**IEEE Power and Energy Society/Power System Communications and Cybersecurity**

**P367**
Recommended Practice for Determining the Electric Power Station Ground Potential Rise and Induced Voltage from a Power Fault

**Recommendation:** Approve PAR for the revision of a standard until December 2025

**IEEE Power and Energy Society/Power System Relaying and Control**

**PC37.96**
Guide for AC Motor Protection

**Recommendation:** Approve PAR for the revision of a standard until December 2025

**PC37.232**
Standard for Common Format for Naming Time Sequence Data Files (COMNAME)

**Recommendation:** Approve PAR for the revision of a standard until December 2025

**PC37.243**
Guide for Application of Line Current Differential Protection Using Digital Communications

**Recommendation:** Approve PAR for the revision of a standard until December 2025

**IEEE Power and Energy Society/Switchgear**

**P62271-37-082**
High-Voltage Switchgear and Controlgear – Part 37-082: Standard Practice for the Measurement of Sound Pressure Levels on Alternating Current Circuit-Breakers

**Recommendation:** Approve PAR for the revision of a standard until December 2025

**PC37.20.10**
Standard Definitions for AC (52 kV and below) and DC (3.2 kV and below) Switchgear Assemblies

**Recommendation:** Approve PAR for the revision of a standard until December 2025

**PC37.010**
Application Guide for AC High-Voltage Circuit Breakers > 1000 Vac Rated on a Symmetrical Current Basis
**Recommendation:** Approve PAR for the revision of a standard until December 2025

**PC37.016**
Standard for AC High Voltage Circuit Switchers Rated 15.5 kV through 245 kV
**Recommendation:** Approve PAR for the revision of a standard until December 2025

**PARs for Administrative Withdrawal:**

**P2048.6** (CTSoc/VRARSC)
Standard for Virtual Reality and Augmented Reality: Immersive User Interface
(New PAR)

**P2048.7** (CTSoc/VRARSC)
Standard for Virtual Reality and Augmented Reality: Map for Virtual Objects in the Real World
(New PAR)

**P2048.8** (CTSoc/VRARSC)
Standard for Virtual Reality and Augmented Reality: Interoperability between Virtual Objects and the Real World
(New PAR)

**P2048.9** (CTSoc/VRARSC)
Standard for Virtual Reality and Augmented Reality: Immersive Audio Taxonomy and Quality Metrics
(New PAR)

**P2048.10** (CTSoc/VRARSC)
Standard for Virtual Reality and Augmented Reality: Immersive Audio File and Stream Formats
(New PAR)

**P2048.11** (CTSoc/VRARSC)
Standard for Virtual Reality and Augmented Reality: In-Vehicle Augmented Reality
(New PAR)

**P2048.12** (CTSoc/VRARSC)
Standard for Virtual Reality and Augmented Reality: Content Ratings and Descriptors
(New PAR)

P3333.2.5 (EMB/Std's Com)
Standard for Bio-CAD File Format for Medical Three-Dimensional (3D) Printing
(New PAR)

P1814 (IAS/PCI)
Recommended Practice for Electrical System Design Techniques to Improve Electrical Safety
(New PAR)

P1375 (PE/ESSB)
Guide for the Protection of Stationary Battery Systems
(Revision PAR)

P2776 (PE/IC)
Guide for Specifying and Selecting Cables for Nuclear Facilities
(New PAR)

P837-2014/Cor 1 (PE/SUB)
Standard for Qualifying Permanent Connections Used in Substation Grounding – Corrigendum 1: Correct EMF Current Value for 5/8 Ground Rod
(New PAR)

P947 (SASB/SCC14)
Guide for Identification of Alternative Metric Devices for Valves, Fittings, Threads, Flanges
(New PAR)

P2510 (SEN/SC)
Standard for Establishing Quality of Data Sensor Parameters in the Internet of Things Environment
(New PAR)

P1883 (VT/RTSC)
Recommended Practice for Electrical and Electro-Mechanical Bench Test Equipment (BTE) for Transit Rail Projects
(New PAR)
**P1884 (VT/RTSC)**
Guide for Stray Current/Corrosion Mitigation for DC Rail Transit Systems (New PAR)

**Standards Committee Changes:**

Current Standards Committee for the following PARs: C/SAB; New Standards Committee: C/OGSC

- **P2946** Guide for Electronic Sports (Esports) Integrity
- **P2947** Guide for Broadcasting Electronic Sports (Esports) Events
- **P2948** Standard for Framework and Definitions for Cloud Gaming
- **P2949** Recommended Practice for the Evaluation of Cloud Gaming User Experiences

3.2.4 **RevCom Recommendations**

**New:**

**IEEE Communications Society/Power Line Communications**

- **P1901b/Draft 1.1**
  IEEE Draft Standard for Broadband Over Power Line Networks: Medium Access Control and Physical Layer Specifications
  Amendment 2: Enhancements for Authentication and Authorization
  **Recommendation:** APPROVE

**IEEE Computer Society/Cloud Computing Standards Committee**

- **P2302/Draft 3**
  IEEE Draft Standard for Intercloud Interoperability and Federation (SIIF)
  **Recommendation:** APPROVE

**IEEE Computer Society/Data Compression Standards Committee**

- **P2941/Draft 3**
  IEEE Draft Standard for Artificial Intelligence (AI) Model Representation, Compression, Distribution, and Management
  **Recommendation:** APPROVE

**IEEE Computer Society/LAN/MAN Standards Committee**
P802.1ABcu/Draft 2.3
IEEE Draft Standard for Local and Metropolitan Area Networks – Station and Media Access Control Connectivity Discovery
Amendment: YANG Data Model
Recommendation: APPROVE

P802.1ABdh/Draft 2.1
IEEE Draft Standard for Local and Metropolitan Area Networks – Station and Media Access Control Connectivity Discovery
Amendment: Support for Multiframe Protocol Data Units
Recommendation: Conditional approval of IEEE P802.1ABdh draft 2.1 based on the approval of IEEE P802.1ABcu as an IEEE Standard

P802.1ACct/Draft 2.0
IEEE Draft Standard for Local and Metropolitan Area Networks – Media Access Control (MAC) Service Definition
Amendment 1: Support for IEEE Std 802.15.3
Recommendation: APPROVE

P802.1AS-2020/Cor 1/Draft 4.0
IEEE Draft Standard for Local and Metropolitan Area Networks – Timing and Synchronization for Time-Sensitive Applications
Corrigendum 1: Technical and Editorial Corrections
Recommendation: APPROVE

P802.1CBcv/Draft 2.1
IEEE Draft Standard for Local and Metropolitan Area Networks – Frame Replication and Elimination for Reliability
Amendment 1: Information Model, YANG Data Model, and Management Information Base Module
Recommendation: APPROVE

P802.1CBdb/Draft 2.1
IEEE Draft Standard for Local and Metropolitan Area Networks – Frame Replication and Elimination for Reliability
Amendment 2: Extended Stream identification functions
Recommendation: Conditional approval of IEEE P802.1CBdb/Draft 2.1 based on the approval of IEEE P802.1CBcv as an IEEE Standard

IEEE Consumer Technology Society/Blockchain Standards Committee
**P2140.2/Draft 8.1**
**Recommendation:** APPROVE

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

**P287.1/Draft 11**
IEEE Draft Standard for Precision Coaxial Connectors at RF, Microwave, and Millimeter-Wave Frequencies – Part 1: General Requirements, Definitions, and Detailed Specifications
**Recommendation:** Approval of IEEE P287.1 draft 11, IEEE P287.2 draft 10, and P287.3 draft 10 as a group

**P287.2/Draft 10**
IEEE Draft Recommended Practice for Precision Coaxial Connectors at RF, Microwave, and Millimeter-Wave Frequencies – Part 2: Test Procedures
**Recommendation:** Approval of IEEE P287.1 draft 11, IEEE P287.2 draft 10 and P287.3 draft 10 as a group

**P287.3/Draft 10**
IEEE Draft Recommended Practice for Precision Coaxial Connectors at RF, Microwave, and Millimeter-Wave Frequencies – Part 3: Connector Effects, Uncertainty Specifications and Recommendations for Performance
**Recommendation:** Approval of IEEE P287.1 draft 11, IEEE P287.2 draft 10 and P287.3 draft 10 as a group

**IEEE Photonics Society/Standards Committee**

**P2066/Draft 6**
**Recommendation:** APPROVE

**IEEE Power and Energy Society/Insulated Conductors**

**P400.5/Draft 17**
IEEE Draft Guide for Field Testing of Shielded DC Power Cable Systems Using High Voltage Direct Current (HVDC)
**Recommendation:** APPROVE
IEEE Power and Energy Society/Transformers

P57.164/Draft 8
IEEE Draft Guide for Establishing Short Circuit Withstand Capabilities of Liquid Immersed Power Transformers, Regulators, and Reactors
Recommendation: APPROVE

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P7001/Draft 4
IEEE Draft Standard for Transparency of Autonomous Systems
Recommendation: APPROVE

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

P1704/Draft 28
IEEE Draft Standard for Utility Industry End Device Communications Module
Recommendation: APPROVE

Revision:

IEEE Computer Society/LAN/MAN Standards Committee

P802.1BA/Draft 2.2
IEEE Draft Standard for Local and Metropolitan Area Networks – Audio Video Bridging (AVB) Systems
Recommendation: APPROVE

IEEE Computer Society/Software & Systems Engineering Standards Committee

P14764/Draft 3
Recommendation: APPROVE

P26514/Draft 4
Recommendation: APPROVE
P29119-1/Draft 3
**Recommendation:** Conditional approval of IEEE P29119-1 Draft 3 based on the IEEE SA Standards Board approval of the IEEE P29119-1 PAR modification request

**IEEE Power and Energy Society/Energy Development & Power Generation**

P421.1/Draft 1.0
IEEE Draft Standard Definitions for Excitation Systems for Synchronous Machines
**Recommendation:** APPROVE

**IEEE Power and Energy Society/Power System Communications and Cybersecurity**

P820/Draft 5
IEEE Draft Standard Telephone Loop Performance Characteristics
**Recommendation:** APPROVE

**IEEE Power and Energy Society/Substations**

P980/Draft 5
IEEE Draft Guide for Containment and Control of Oil Spills in Substations
**Recommendation:** APPROVE

**IEEE Power and Energy Society/Switchgear**

PC37.66/Draft 10
IEEE Draft Standard Requirements for Capacitor Switches for AC Systems (1 kV to 38 kV)
**Recommendation:** APPROVE

**IEEE Power Electronics Society/Standards Committee**

P1573/Draft 4
IEEE Draft Recommended Practice for Electronic Power Subsystems: Parameters, Interfaces, Elements, and Performance
**Recommendation:** APPROVE
IEEE-SASB Coordinating Committees/SCC14 – Quantities, Units, and Letter Symbols

P1541/Draft 10
IEEE Draft Standard for Prefixes for Binary Multiples
Recommendation: APPROVE

4  SASB Standing Committee Reports
4.1  Audit Committee (AudCom)
Kevin Lu, AudCom Chair, reported.

4.2  New Standards Committee (NesCom)
Dorothy Stanley, NesCom Chair, reported.

4.3  Patent Committee (PatCom)
David Law, PatCom Chair, reported.

4.4  Procedures Committee (ProCom)
John Kulick, ProCom Chair, reported.

4.5  Standards Review Committee (RevCom)
Travis Griffith, RevCom Chair, reported.

5  Standards Coordinating Committee Reports
5.1  SCC Coordinator’s Report
Mehmet Ulema, SCC Coordinator, reported.

There was a motion to accept the submitted report from SCC39. In the absence of objection, the motion was approved.

5.2  Scheduled Report Due in December:
5.2.1  SCC39 – International Committee on Electromagnetic Safety
5.3 Report from the Ad Hoc Evaluating SCCs within IEEE SA Governance

Mehmet Ulema, Ad Hoc Chair, reported.

The following three motions were made and considered:

1. Move that the following SCC be disbanded:
   - SCC22 - Power Quality

2. Move that the following SCCs be transitioned into the Standards and Standards Innovations (S&SI) Strategic Management and Delivery Committee (SMDC) and that they shall be recognized by the SASB as Standards Committees:
   - SCC04 - Electrical Insulation
   - SCC14 - Quantities, Units, and Letter Symbols
   - SCC20 - Test and Diagnosis for Electronic Systems
   - SCC21 - Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage
   - SCC31 - Automatic Meter Reading and Energy Management
   - SCC39 - International Committee on Electromagnetic Safety

3. Move that the newly recognized Standards Committees be permitted to operate under their current operating procedures until 31 December 2022 or until acceptance by AudCom/SASB of updated operating procedures on the Standards Committee baseline, whichever is sooner.

In the absence of objection, the three motions were approved.

Chair Hoffman disbanded the ad hoc with Thanks.

6 Old Business

6.1 Report from SASB Ad Hoc on Educational Material for the Application of the Commercial Terms Clause

John Kulick, Ad Hoc Chair, reported.

7 Informational Reports
7.1 CAG Report

Don Wright, SASB Liaison to the CAG, reported.

7.2 IEEE SA President’s Report

Jim Matthews, IEEE President, reported.

7.3 IEEE SA Managing Director’s Report

Konstantinos Karachalios, IEEE SA Managing Director, reported.

Konstantinos thanked Chair Hoffman for his dedication and service as the SASB Chair.

7.4 SASB Chair’s Report

Chair Hoffman reported.

8 New Business

None.

9 Next Meeting

The next SASB meeting series is scheduled for 22-24 March 2022. This will be a virtual-only meeting series.

10 SASB Resolutions

The SASB recognized the Communications Society/Unmanned Aerial Vehicles Communications Standards Committee, to be abbreviated as (COM/AerCom-SC), as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2.

The SASB recognized the Vehicular Technology Society/Overhead Contact Systems, to be abbreviated as (VT/OCS), as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2.

The SASB disbanded SCC22 - Power Quality.
The SASB moved that the following SCCs be transitioned into the Standards and Standards Innovations (S&SI) Strategic Management and Delivery Committee (SMDC) and that they shall be recognized by the SASB as Standards Committees:

- SCC04 - Electrical Insulation
- SCC14 - Quantities, Units, and Letter Symbols
- SCC20 - Test and Diagnosis for Electronic Systems
- SCC21 - Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage
- SCC31 - Automatic Meter Reading and Energy Management
- SCC39 - International Committee on Electromagnetic Safety

The SASB moved that the newly recognized Standards Committees (that were the former SCCs) be permitted to operate under their current operating procedures until 31 December 2022 or until acceptance by AudCom/SASB of updated operating procedures on the Standards Committee baseline, whichever is sooner.

11 Executive Session Items
11.1 SASB Oversight Committee RE: a Specific Standards Committee

12 Adjournment

Action Gary Hoffman

There being no further business, the meeting was adjourned at 4:58 p.m. UTC.