

IEEE SA Standards Board (SASB) 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

[NOTE: Some presentations are available to SASB Members in the IEEE SA [Standards Board document repository](#), in the Files & Discussions area, in the December 2021 folder.]

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

- IM/TET Society Standards Committee
Instrumentation and Measurement Society/Traffic Enforcement Technologies
- VT/OCS Vehicular Technology Society/Overhead Contact Systems

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

ISO/IEC/IEEE International Standard – Software and Systems Engineering – Software Testing – Part 1:General Concepts

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

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

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

Standard for a Cryptographic Protocol for Cyber Security of Substation Serial Links: Substation Serial Protection Protocol

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

Standard for Relays, Relay Systems, and Control Devices Used for Protection and Control of Electric Power Apparatus – Radiated Electromagnetic Interference Withstand Capability Requirements and Tests

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

Guide for the Design, Construction, and Operation of Electric Power Substations for Community Acceptance and Environmental Compatibility

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

Standard for VHDL Language Reference Manual

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 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

IEEE Draft Standard for Security Management for Customer Cryptographic Assets on Cryptocurrency Exchanges

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

IEEE Draft Guide for Safety Specification of Laser Transmission in High-Power Industrial Laser System

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

PC57.164/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

ISO/IEC/IEEE Draft International Standard – Software Engineering – Software Life Cycle Processes – Maintenance

Recommendation: APPROVE

P26514/Draft 4

ISO/IEC/IEEE Draft International Standard – Systems and Software Engineering – Design and Development of Information for Users

Recommendation: APPROVE

P29119-1/Draft 3

ISO/IEC/IEEE Draft International Standard – Software and Systems Engineering – Software Resting--Part 1: Concepts and Definitions

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

(Jafar Keshvari)

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 SA 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

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