

#### IEEE SA Standards Board (SASB) Meeting Minutes 24 September 2020 12:00 p.m. – 3:00 p.m. UTC Teleconference/Webex

## Attendees

Chair: Gary Hoffman

Vice Chair: Jon Rosdahl

Past Chair: John Kulick

Secretary: Konstantinos Karachalios

#### Members:

Ted Burse **Doug Edwards** Travis Griffith Guido Hiertz David Law Howard Li Kevin Lu Paul Nikolich [TAB Rep.] **Damir Novosel Dorothy Stanley** Mehmet Ulema Lei Wang Sha Wei Philip Winston Daidi Zhong Jingyi Zhou

#### Members Absent:

Grace Gu Dong Liu

Joe Koepfinger, Member Emeritus

## IEEE Staff:

Christy Bahn Adrien Barmaksiz Madhu Bibikar **Kim Breitfelder** Matthew Ceglia Sri Chandrasekaran Rob Craig Ravindra Desai Karen Evangelista Jodi Haasz **Yvette Ho Sang** Soo Kim Michael Kipness Vanessa Lalitte **Kristin Little** Jiajia Liu Kelly Lorne Karen McCabe **Erin Morales** Adam Newman Mary Lynne Nielsen Tania Olabi-Colon Christian Orlando Lisa Perry Dave Ringle, Recording Secretary Pat Roder Anasthasie Sainvilus Jennifer Santulli Rudi Schubert Tom Thompson Lisa Weisser Jonathan Wiggins Malia Zaman Meng Zhao

## **IEEE Outside Legal Counsel:**

Claire Topp – Dorsey & Whitney LLP

## Guests:

Sudhir Agarwal Feng Cui Mark Epstein Thomas Koshy Lawrence Kotewa Joseph Levy Hung Ling Xiaohui Liu Haiying Lu Jim Matthews Daleep Mohla Achime Malick Ndiaye Francois Ortolan **Glenn Parsons** S. B. R. Rao Robby Robson Mark Siira Neelakantan Subramanian Yvonne Umutoni Victoria Wang **Keith Waters** Karl Weber **Constance Weise** Howard Wolfman Don Wright Yu Yuan

## 1 Call to Order

Chair Hoffman called the meeting to order at 12:07 p.m. UTC.

## 2 Introductions

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

## 3 Agenda

3.1 Approval of Agenda



# There was a motion to approve the agenda. In the absence of objection, the motion was approved.

- 3.2 Consent Agenda
- 3.2.1 Approval of 03-04 June 2020 SASB Meeting Minutes
- 3.2.2 AudCom Recommendations

#### Standards Committee P&Ps

#### Accepted (standards work authorized):

- NTC/SC Nanotechnology Council/Standards Committee
   SASB/SCC20 SASB Coordinating Committees/SCC20 Test and
  - Diagnosis for Electronic Systems

## Conditionally Accepted (standards work authorized):

 VT/HSTMSC Vehicular Technology Society/High Speed Train and Maglev Standards Committee
 [Contingent upon minor editorial corrections, to be completed before SASB meeting]
 NB: This condition has been met.

#### New Standards Committee Recognition with Accepted P&Ps

Motion: Recommend that the SASB recognize the Vehicular Technology Society/High Speed Train and Maglev Standards Committee, to be abbreviated as VT/HSTMSC, as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2.

3.2.3 NesCom Recommendations

#### Withdrawal Requests:

## IEEE Computer Society/LAN/MAN Standards Committee

#### P802.19.2

Recommended Practice for Local and Metropolitan Area Networks – Part 19: Coexistence of Unlicensed Wireless Systems in a Vehicular Environment



#### **Recommendation:** Approve PAR withdrawal

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

#### P11073-10316

Trial-Use Health Informatics – Device Interoperability – Part 10316: Pointof-Care Medical Device Communication – Device Specialization – Dialysis Device

**Recommendation:** Approve PAR withdrawal

## IEEE Instrumentation and Measurement Society/TC9 – Sensor Technology

#### P1451.1

Standard for Smart Transducer Interface for Sensors and Actuators – Common Network Services **Recommendation:** Approve PAR withdrawal

#### P1451.2

ISO/IEC/IEEE Standard for Information Technology – Smart Transducer Interface for Sensors and Actuators – Part 2: Serial Point-to-Point Interface **Recommendation:** Approve PAR withdrawal

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

#### PC95.4

Recommended Practice for Determining Safe Distances from Radio Frequency Transmitting Antennas when Using Electric Blasting Caps during Explosive Operations

Recommendation: Approve PAR withdrawal

Modified PARs:

#### IEEE Communications Society/Access and Core Networks Standards Committee

#### P1910.1

Standard for Meshed Tree Bridging with Loop Free Forwarding **Recommendation:** Approve modified PAR

## IEEE Communications Society/Mobile Communication Networks Standards Committee

## P1920.1

Aerial Communications and Networking Standards **Recommendation:** Approve modified PAR

## IEEE Computer Society/Software & Systems Engineering Standards Committee

## P12207-2

Systems and Software Engineering – Software Life Cycle Processes – Part 2: Relation and Mapping between ISO/IEC/IEEE 12207:2017 and ISO/IEC/IEEE 12207:2008

Recommendation: Approve modified PAR

**IEEE Industry Applications Society/Petroleum & Chemical Industry** 

## P1017.1

Recommended Practice for Field Testing Electric Submersible Pump Cable **Recommendation:** Approve modified PAR

# IEEE Instrumentation and Measurement Society/TC9 – Sensor Technology

## P1451.99

Standard for Harmonization of Internet of Things (IoT) Devices and Systems **Recommendation:** Approve modified PAR

## IEEE Power and Energy Society/Nuclear Power Engineering P387

Nuclear Facilities – Electrical Power Systems – Part 387: Diesel Generator Units Applied as Standby Power Sources **Recommendation:** Approve modified PAR

## P2411

Human Factors Engineering Guide for the Validation of System Designs and Integrated Systems Operations at Nuclear Facilities **Recommendation:** Approve modified PAR

IEEE Power and Energy Society/Switchgear



#### PC37.04-2018/Cor 1

Standard for Ratings and Requirements for AC High-Voltage Circuit Breakers with Rated Maximum Voltage above 1000 V – Corrigendum 1 **Recommendation:** Approve modified PAR

## IEEE SA Board of Governors/Corporate Advisory Group

## P2777

Recommended Practice for Operation of 300 MW to 600 MW Pulverized Coal Fired Boiler

Recommendation: Approve modified PAR

## IEEE Vehicular Technology Society/Intelligent Transportation Systems

## P1609.3

Standard for Wireless Access in Vehicular Environments (WAVE) – Networking Services **Recommendation:** Approve modified PAR

#### P2846

Assumptions for Models in Safety-Related Automated Vehicle Behavior **Recommendation:** Approve modified PAR

Extension Requests:

## IEEE Antennas and Propagation Society/Antennas and Propagation Standards Committee

#### P149

Recommended Practice for Antenna Measurements **Recommendation:** Approve request for an extension until December 2021

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

## P1922.1

Standard for a Method for Calculating Anticipated Emissions Caused by Virtual Machine Migration and Placement **Recommendation:** Approve request for an extension until December 2022

P1923.1

Standard for Computation of Energy Efficiency Upper Bound for Apparatus Processing Communication Signal Waveforms

**Recommendation:** Approve request for an extension until December 2021

## P1924.1

Recommended Practice for Developing Energy Efficient Power-Proportional Digital Architectures

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

## P1925.1

Standard for Energy Efficient Dynamic Line Rate Transmission System **Recommendation:** Approve request for an extension until December 2022

## P1926.1

Standard for a Functional Architecture of Distributed Energy Efficient Big Data Processing

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

## P1927.1

Standard for Services Provided by the Energy-efficient Orchestration and Management of Virtualized Distributed Data Centers Interconnected by a Virtualized Network

Recommendation: Approve request for an extension until December 2022

## P1928.1

Standard for a Mechanism for Energy Efficient Virtual Machine Placement **Recommendation:** Approve request for an extension until December 2022

## P1929.1

An Architectural Framework for Energy Efficient Content Distribution **Recommendation:** Approve request for an extension until December 2022

## IEEE Communications Society/Mobile Communication Networks Standards Committee

## P1918.1

Tactile Internet: Application Scenarios, Definitions and Terminology, Architecture, Functions, and Technical Assumptions **Recommendation:** Approve request for an extension until December 2022

## P1918.1.1

Haptic Codecs for the Tactile Internet



Recommendation: Approve request for an extension until December 2022

## P1920.1

Aerial Communications and Networking Standards **Recommendation:** Approve request for an extension until December 2022

## P1931.1

Standard for an Architectural Framework for Real-time Onsite Operations Facilitation (ROOF) for the Internet of Things **Recommendation:** Approve request for an extension until December 2022

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

#### P802.11ax

Standard for Information Technology – Telecommunications and Information Exchange Between Systems Local and Metropolitan Area Networks – Specific Requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications Amendment Enhancements for High Efficiency WLAN

Recommendation: Approve request for an extension until December 2021

#### P802.11ba

Standard for Information Technology – Telecommunications and Information Exchange between Systems Local and Metropolitan Area Networks – Specific Requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications Amendment: Wake-up Radio Operation **Recommendation:** Approve request for an extension until December 2021

#### P802.15.22.3

Standard for Spectrum Characterization and Occupancy Sensing **Recommendation:** Defer request for an extension until the next NesCom meeting; based on whether RevCom and the SASB do not approve the standard

## IEEE Computer Society/Software & Systems Engineering Standards Committee

## P7002

Data Privacy Process **Recommendation:** Approve request for an extension until December 2021

## P42010



Standard for Systems and Software Engineering – Architecture Description **Recommendation:** Approve request for an extension until December 2021

## **IEEE Computer Society/Test Technology**

#### P1687.1

Standard for the Application of Interfaces and Controllers to Access 1687 IJTAG Networks Embedded within Semiconductor Devices **Recommendation:** Approve request for an extension until December 2022

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

#### P11073-10406

Health Informatics – Device Interoperability – Part 10406: Personal Health Device Communication – Device Specialization – Basic Electrocardiograph (ECG) (1- to 3-lead ECG)

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

#### P11073-10471

Health Informatics – Device Interoperability – Part 10471: Personal Health Device Communication – Device Specialization – Independent Living Activity Hub

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

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

#### P3001.9

Recommended Practice for the Design of Power Systems Supplying Lighting Systems in Commercial and Industrial Facilities

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

## IEEE Instrumentation and Measurement Society/TC10 – Waveform Generation Measurement and Analysis

#### P1241

Standard for Terminology and Test Methods for Analog-to-Digital Converters **Recommendation:** Approve request for an extension until December 2022

IEEE Power and Energy Society/Electric Machinery

## 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 2021

## P1812

Guide for Testing Permanent Magnet Machines **Recommendation:** Approve request for an extension until December 2023

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

## **P666**

Design Guide for Electric Power Service Systems for Generating Stations **Recommendation:** Approve request for an extension until December 2022

## P1010

Guide for Control of Hydroelectric Power Plants **Recommendation:** Approve request for an extension until December 2021

## P1147

Guide for the Rehabilitation of Hydroelectric Power Plants **Recommendation:** Approve request for an extension until December 2022

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

## P1188

Recommended Practice for Maintenance, Testing, and Replacement of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications **Recommendation:** Approve request for an extension until December 2022

## P2405

Standard for the Design of Battery Chargers Used in Stationary Applications **Recommendation:** Approve request for an extension until December 2022

## IEEE Power and Energy Society/Insulated Conductors

## P1407

Guide for Accelerated Aging Tests for 5 kV to 46 kV Extruded Electric Power Cables Using Water-Filled Tanks

Recommendation: Approve request for an extension until December 2021

## P2417

Guide to Smoke, Fire, and Explosions in Underground Electrical Structures **Recommendation:** Approve request for an extension until December 2022

## P2740

Guide for the Selection and Installation of Electrical Cables and Cable Systems in Hazardous (Classified) Locations on Oil & Gas Land Drilling Rigs **Recommendation:** Approve request for an extension until December 2021

IEEE Power and Energy Society/Nuclear Power Engineering

## P2411

Human Factors Engineering Guide for the Validation of System Designs and Integrated Systems Operations at Nuclear Facilities

Recommendation: Approve request for an extension until December 2021

## P2421

Guide for Designing and Developing Computer-Based Displays for Monitoring and Control of Nuclear Facilities

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

## IEEE Power and Energy Society/Power System Instrumentation and Measurements

## P1122

Standard for Digital Recorders for Measurements in High-Voltage and High-Current Impulse Tests

Recommendation: Approve request for an extension until December 2022

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

#### P1613

Standard for Environmental and Testing Requirements for Intelligent Electronic Devices (IEDs) Installed in Transmission and Distribution Facilities **Recommendation:** Approve request for an extension until December 2022

#### PC37.2

Standard Electrical Power System Device Function Numbers, Acronyms, and Contact Designations

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

## PC37.242

Guide for Synchronization, Calibration, Testing, and Installation of Phasor Measurement Units (PMUs) for Power System Protection and Control **Recommendation:** Approve request for an extension until December 2021

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

## PC62.22

Guide for the Application of Metal-Oxide Surge Arresters for Alternating-Current Systems

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

## PC62.82.2

Guide for the Application of Insulation Coordination **Recommendation:** Approve request for an extension until December 2021

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

## PC62.42.2

Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports – Part 2 Metal-Oxide Varistors (MOVs)

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

## PC62.220

Guide for the Application of Surge Protective Devices for the Smart Grid **Recommendation:** Approve request for an extension until December 2022

**IEEE Power and Energy Society/Switchgear** 

#### P62271-37-013

IEEE/IEC International Standard for High-Voltage Switchgear and Controlgear – Part 37-013: Alternating-Current Generator Circuit-Breakers **Recommendation:** Approve request for an extension until December 2022

## **IEEE Power and Energy Society/Transformers**

## PC57.160

Guide for the Electrical Measurement of Partial Discharges in High Voltage Bushings and Instrument Transformers



Recommendation: Approve request for an extension until December 2022

## PC57.164

Guide for Establishing Short Circuit Withstand Capabilities of Liquid Immersed Power Transformers, Regulators, and Reactors **Recommendation:** Approve request for an extension until December 2022

IEEE Power and Energy Society/Transmission and Distribution

#### P516

Guide for Maintenance Methods on Energized Power Lines **Recommendation:** Approve request for an extension until December 2021

#### P1806

Guide for Reliability Based Placement of Overhead and Underground Switching and Overcurrent Protection Equipment Up to and Including 38 kV **Recommendation:** Approve request for an extension until December 2021

#### P1885

Guide for Assessing, Measuring, and Verifying Volt-Var Control Optimization on Distribution Systems

Recommendation: Approve request for an extension until December 2021

## **IEEE-SASB** Coordinating Committees/SCC14 – Quantities, Units, and Letter Symbols

#### P1541

Standard for Prefixes for Binary Multiples **Recommendation:** Approve request for an extension until December 2021

**IEEE-SASB** Coordinating Committees/SCC20 – Test and Diagnosis for Electronic Systems

#### P1641

Standard for Signal and Test Definition **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 2021

## New PARs:

## **IEEE Communications Society/Power Line Communications**

## P1901b

Standard for Broadband Over Power Line Networks: Medium Access Control and Physical Layer Specifications Amendment: Enhancements for Authentication and Authorization **Recommendation:** Approve new PAR until December 2024

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

## P2941

Standard for Artificial Intelligence (AI) Model Representation, Compression, Distribution, and Management **Recommendation:** Approve new PAR until December 2024

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

## P802.1ASdn

Standard for Local and Metropolitan Area Networks – Timing and Synchronization for Time-Sensitive Applications Amendment: YANG Data Model **Recommendation:** Approve new PAR until December 2024

## P802.11bf

Standard for Information Technology – Telecommunications and Information Exchange Between Systems Local and Metropolitan Area Networks – Specific Requirements – Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications

Amendment: Enhancements for Wireless Local Area Network (WLAN) Sensing

Recommendation: Approve new PAR until December 2024

## P802.15.4-2020/Cor 2

Standard for Low-Rate Wireless Networks – Corrigendum 2: Correction of errors preventing backward compatibility



Recommendation: Approve new PAR until December 2024

#### P802.15.7a

Standard for Local and Metropolitan Area Networks – Part 15.7: Short-Range Optical Wireless Communications

Amendment: Higher Speed, Longer Range Optical Camera Communication (OCC)

Recommendation: Approve new PAR until December 2024

## **IEEE Computer Society/Learning Technology**

#### P2247.4

Recommended Practice for Ethically Aligned Design of Artificial Intelligence (AI) in Adaptive Instructional Systems

Recommendation: Approve new PAR until December 2024

#### P2961

Guide for an Architectural Framework and Application for Collaborative Edge Computing **Recommendation:** Approve new PAR until December 2024

## IEEE Computer Society/Smart Manufacturing Standards Committee

#### P2806.1

Standard for Connectivity Requirements of Digital Representation for Physical Objects in Factory Environments **Recommendation:** Approve new PAR until December 2024

#### P2934

Standard for Logistics Operation Process in a Smart Factory **Recommendation:** Approve new PAR until December 2024

#### P2959

Standard for Technical Requirements of Standard-Oriented Knowledge Graphs **Recommendation:** Approve new PAR until December 2024

## IEEE Computer Society/Software & Systems Engineering Standards Committee

#### P24748-6

Systems and Software Engineering – Life Cycle Management – Part 6: Systems and Software Integration **Recommendation:** Approve new PAR until December 2024

## **IEEE Computer Society/Standards Activities Board**

## P2807.3

Guide for Electric-Power-Oriented Knowledge Graph **Recommendation:** Approve new PAR until December 2024

#### P2874

Standard for Spatial Web Protocol, Architecture, and Governance **Recommendation:** Approve new PAR until December 2024

## P2937

Standard for Performance Benchmarking for AI Server Systems **Recommendation:** Approve new PAR until December 2024

**P2946** Guide for Electronic Sports (Esports) Integrity **Recommendation:** Approve new PAR until December 2024

#### P2947

Guide for Broadcasting Electronic Sports (Esports) Events **Recommendation:** Approve new PAR until December 2024

## P2948

Standard for Framework and Definitions for Cloud Gaming **Recommendation:** Approve new PAR until December 2024

#### P2949

Recommended Practice for the Evaluation of Cloud Gaming User Experiences **Recommendation:** Approve new PAR until December 2024

## P2957

Standard for a Reference Architecture for Big Data Governance and Metadata Management **Recommendation:** Approve new PAR until December 2024

#### P2963

Data Formats for Smart Legal Contracts **Recommendation:** Approve new PAR until December 2024

## P3079.1

Motion to Photon (MTP) Latency in Virtual Environments **Recommendation:** Approve new PAR until December 2024

## P3079.2

Mixed Reality (MR) Standard Framework for Motion Learning **Recommendation:** Approve new PAR until December 2024

## **IEEE Computer Society/Test Technology**

## P2929

Standard for System-Level State Extraction for Functional Validation and Debug **Recommendation:** Approve new PAR until December 2024

## IEEE Consumer Electronics Society/Smart Devices Standards Committee

## P2951

Technical Requirements and Evaluation Methods for Intelligent Levels of Smart Home Devices **Recommendation:** Approve new PAR until December 2024

## P2953

Standard for Technical Requirements for Industrial Smart Terminal Devices **Recommendation:** Defer new PAR until the next NesCom meeting to provide time for comments to be resolved

## **IEEE Consumer Electronics Society/Standards Committee**

## P2861.2

Standard for Mobile Gaming Systems Integration Framework **Recommendation:** Approve new PAR until December 2024

## P2861.3

Standard for Haptic Interface Enhancement for Mobile Gaming **Recommendation:** Approve new PAR until December 2024

## P2952

Standard for Secure Computing Based on Trusted Execution Environment **Recommendation:** Approve new PAR until December 2024

## IEEE Consumer Electronics Society/Virtual Reality and Augmented Reality Standards Committee

## P2048.101

Standard for Augmented Reality on Mobile Devices: General Requirements for Software Framework, Components, and Integration **Recommendation:** Approve new PAR until December 2024

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

## P11073-20601a

Health Informatics – Personal Health Device Communication – Part 20601: Application Profile – Optimized Exchange Protocol Amendment **Recommendation:** Approve new PAR until December 2024

## IEEE Industry Applications Society/Industrial Power Conversion Systems Department

#### P2943

Energy Efficiency Test Methods for Three-Phase Variable Frequency Drive Systems

Recommendation: Approve new PAR until December 2024

## P2964

Standard for Datasheet Parameters and Tests for Integrated Gate Drivers **Recommendation:** Approve new PAR until December 2024

## **IEEE Industry Applications Society/Petroleum & Chemical Industry**

#### P80005-1a

Utility Connections in Port – Part 1: High Voltage Shore Connection (HVSC) Systems – General Requirements Amendment 1 to IEC/IEEE 80005-1 ED2 **Recommendation:** Approve new PAR until December 2024

# IEEE Instrumentation and Measurement Society/TC9 – Sensor Technology

## P1588a

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems

Amendment: Enhancements for Best Master Clock Algorithm (BMCA) Mechanisms

Recommendation: Approve new PAR until December 2024

## P1588b

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems Amendment: Addition of Precision Time Protocol (PTP) Mapping for Transport Over Optical Transport Network (OTN) **Recommendation:** Approve new PAR until December 2024

## P1588c

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems Amendment: Clarification of Terminology **Recommendation:** Approve new PAR until December 2024

## P1588d

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems Amendment: Guidelines for Selecting and Operating a Key Management System

Recommendation: Approve new PAR until December 2024

## P1588e

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems Amendment: MIB and YANG Data Models **Recommendation:** Approve new PAR until December 2024

## P1588f

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems Amendment: Enhancements for Latency and/or Asymmetry Calibration **Recommendation:** Approve new PAR until December 2024

## IEEE Power and Energy Society/Analytic Methods for Power Systems

## P2882

Guide for Validation of Software Models of Renewable and Conventional Generators for Power System Studies

Recommendation: Approve new PAR until December 2024



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

#### P2962

Recommended Practice for the Installation, Operation, Maintenance, Testing, and Replacement of Li-Ion Batteries in Stationary Applications **Recommendation:** Approve new PAR until December 2024

# IEEE Power and Energy Society/Power System Instrumentation and Measurements

#### P2960

Guide for Testing Equipment for Direct Current Electrical Energy Meters **Recommendation:** Approve new PAR until December 2024

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

#### PC62.43.1a

Guide for Surge Protectors and Surge Protective Circuits Used in Information and Communication Technology Circuits (ICT), Including Smart Grid – Part 1 Applications Amendment 1 **Recommendation:** Approve new PAR until December 2024

## IEEE Power and Energy Society/Switchgear

#### PC37.20.7-2017/Cor 1

Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults Corrigendum 1 **Recommendation:** Approve new PAR until December 2024

**PC37.30.7** Standard Requirements for High-Voltage Air Switches Rated Above 1000 Vdc **Recommendation:** Approve new PAR until December 2024

## IEEE Power and Energy Society/Transmission and Distribution

#### P2030.13

Guide for Electric Transportation Fast Charging Station Management System Functional Specification



Recommendation: Approve new PAR until December 2024

## P2938

Guide for Economic Loss Evaluation of Sensitive Industrial Customers Caused by Voltage Sags **Recommendation:** Approve new PAR until December 2024

## P2939

Guide for the Joint Use of Electric Power Transmission & Distribution (T&D) Facilities and Equipment **Recommendation:** Approve new PAR until December 2024

#### P2954

Recommended Practice for Overhead Transmission Line Design **Recommendation:** Approve new PAR until December 2024

# IEEE Robotics and Automation Society/Standing Committee for Standards

## P2940

Standard for Measuring Robot Agility **Recommendation:** Approve new PAR until December 2024

## IEEE SA Board of Governors/Corporate Advisory Group

#### P2950

Electric Traction System for High Speed Electric Multiple Units (EMUs) **Recommendation:** Approve new PAR until December 2024

#### P2956

Test Method for Surface Transfer Impedance of Shielded Power Cables and Connectors for Rail Vehicles

Recommendation: Approve new PAR until December 2024

#### IEEE Sensors Council/Standards Committee

#### P2520.1

Standard for Baseline Performance for Odor Analysis Devices and Systems **Recommendation:** Approve new PAR until December 2024

P2520.2.1

Standard for Machine Olfaction Devices and Systems Used for General Outdoor Odor Monitoring **Recommendation:** Approve new PAR until December 2024

## P2520.2.2

Standard for Landfill Odor Monitoring Devices and Systems **Recommendation:** Approve new PAR until December 2024

## P2520.3.1

Standard for Machine Olfaction Devices and Systems Used in General Indoor Air Quality Monitoring **Recommendation:** Approve new PAR until December 2024

## P2520.4.1

Standard for Performance of Machine Olfaction Devices and Systems for Chemical Manufacture **Recommendation:** Approve new PAR until December 2024

## IEEE Vehicular Technology Society/Automated Vehicles Standards Committee

#### P2936

Standard for Test Methods of Automotive Lidar Performance **Recommendation:** Approve new PAR until December 2024

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

## P62704-2a

Standard for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz to 6 GHz – Part 2: Specific Requirements for Finite Difference Time Domain (FDTD) Modelling of Exposure from Vehicle Mounted Antennas Amendment 1

Recommendation: Approve new PAR until December 2024

PARs for the Revision of Standards:

**IEEE Communications Society/Standards Development Board** 

## P269



Standard for Evaluating Electroacoustic Performance of Communication Devices

**Recommendation:** Approve PAR for the revision of a standard until December 2024

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

#### P802.3

Standard for Ethernet **Recommendation:** Approve PAR for the revision of a standard until December 2024

#### **IEEE Computer Society/Microprocessor Standards Committee**

#### P1394

Standard for a High-Performance Serial Bus **Recommendation:** Approve PAR for the revision of a standard until December 2024

#### IEEE Computer Society/Software & Systems Engineering Standards Committee

#### P15288

Systems and Software engineering – System Life Cycle Processes **Recommendation:** Approve PAR for the revision of a standard until December 2024

#### P23026

Systems and Software Engineering – Engineering and Management of Websites for Systems, Software, and Services Information **Recommendation:** Approve PAR for the revision of a standard until December 2024

#### P26531

Systems and Software Engineering – Content Management for Product Life Cycle, User, and Service Management Documentation **Recommendation:** Approve PAR for the revision of a standard until December 2024

#### **IEEE Computer Society/Test Technology**

P1149.4



Standard for a Mixed-Signal Test Bus

**Recommendation:** Approve PAR for the revision of a standard until December 2024

#### P1581

Standard for Static Component Interconnection Test Protocol and Architecture

**Recommendation:** Approve PAR for the revision of a standard until December 2024

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

#### P1300

Guide for Cable Connections for Gas-Insulated Substations **Recommendation:** Approve PAR for the revision of a standard until December 2024

#### P1493

Guide for the Evaluation of Solvents Used for Cleaning Electrical Cables and Accessories

**Recommendation:** Approve PAR for the revision of a standard until December 2024

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

#### PC37.90.1

Standard for Relays, Relay Systems, and Control Devices Used for Protection and Control of Electric Power Apparatus-Surge Withstand Capability (SWC) and Electrical Fast Transient (EFT) Requirements and Tests **Recommendation:** Approve PAR for the revision of a standard until December 2024

#### PC37.90.3

Standard Electrostatic Discharge Tests for Protective Relays **Recommendation:** Approve PAR for the revision of a standard until December 2024

#### PC37.95

Guide for Protective Relaying of Utility-Consumer Interconnections **Recommendation:** Defer PAR for the revision of a standard until the next NesCom meeting based on lack of replies by the Chair

## PC37.113

Guide for Protective Relay Applications to Transmission Lines **Recommendation:** Approve PAR for the revision of a standard until December 2024

#### PC37.114

Guide for Determining Fault Location on AC Transmission and Distribution Lines

**Recommendation:** Approve PAR for the revision of a standard until December 2024

## **IEEE Power and Energy Society/Switchgear**

#### PC37.20.7

Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults **Recommendation:** Approve PAR for the revision of a standard until December 2024

## PC37.23

Standard for Metal-Enclosed Bus **Recommendation:** Approve PAR for the revision of a standard until December 2024

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

#### P1159.3

Recommended Practice for Power Quality Data Interchange Format (PQDIF) **Recommendation:** Approve PAR for the revision of a standard until December 2024

#### P1283

Guide for Determining the Effects of Elevated Temperature Operation on Conductors, Connectors, and Accessories

**Recommendation:** Approve PAR for the revision of a standard until December 2024

#### P1409

Guide for Technology Methods for Power Quality Improvement in Electric Power Systems

**Recommendation:** Approve PAR for the revision of a standard until December 2024

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

## P62704-1

Standard for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz to 6 GHz. Part 1: General Requirements for using the Finite Difference Time Domain (FDTD) Method for SAR Calculations

**Recommendation:** Approve PAR for the revision of a standard until December 2024

3.2.4 **RevCom Recommendations** 

New:

**IEEE Communications Society/Access and Core Networks Standards** Committee

## P1910.1/Draft 3

IEEE Draft Standard for Meshed Tree Bridging with Loop Free Forwarding **Recommendation:** Conditional approval based on the Standards Board approval of the Modified PAR for P1910.1

## P1937.1/Draft 7.0

IEEE Draft Standard Interface Requirements and Performance Characteristics for Payload Devices in Drones **Recommendation:** APPROVE

**IEEE** Communications Society/Edge, Fog, Cloud Communications with IOT and Big Data Standards Committee

## P1906.1.1/Draft 3

IEEE Draft Standard Data Model for Nanoscale Communication Systems **Recommendation:** APPROVE

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

## **P802E/Draft 2.0**

IEEE Draft Recommended Practice for Privacy Considerations for IEEE 802 Technologies

**Recommendation:** APPROVE



#### P802.1Qcr/Draft 2.3

IEEE Draft Standard for Local and Metropolitan Area Networks – Bridges and Bridged Networks Amendment: Asynchronous Traffic Shaping **Recommendation:** APPROVE

#### P802.15.22.3/Draft 8

IEEE Draft Standard for Spectrum Characterization and Occupancy Sensing **Recommendation:** APPROVE

## **IEEE Computer Society/Learning Technology**

#### P3527.1/Draft 3

IEEE Draft Standard for Digital Intelligence (DQ) – Framework for Digital Literacy, Skills, and Readiness **Recommendation:** APPROVE

#### P3652.1/Draft 6.1

IEEE Draft Guide for Architectural Framework and Application of Federated Machine Learning **Recommendation:** APPROVE

## IEEE Computer Society/Software & Systems Engineering Standards Committee

#### P12207-2/Draft 3

ISO/IEC/IEEE Draft International Standard – Systems and Software Engineering – Software Life Cycle Processes – Part 2: Relation and Mapping between ISO/IEC/IEEE 12207-1:2017 and ISO/IEC/IEEE 12207:2008 **Recommendation:** Conditional approval based on the Standards Board approval of the Modified PAR for P12207-2

#### **IEEE Computer Society/Standards Activities Board**

#### P3079/Draft 2

IEEE Draft Standard for Head Mounted Display (HMD) Based Virtual Reality (VR) Sickness Reduction Technology **Recommendation:** APPROVE

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

P2140.1/Draft 3



IEEE Draft Standard for General Requirements for Cryptocurrency Exchanges **Recommendation:** APPROVE

**IEEE Consumer Electronics Society/Standards Committee** 

## P2813/Draft 3

IEEE Draft Standard for Big Data Business Security Risk Assessment (BD BSRA) Recommendation: APPROVE

IEEE Electromagnetic Compatibility Society/Standards Development Committee

## P370/Draft 8

IEEE Draft Standard for Electrical Characterization of Printed Circuit Board and Related Interconnects at Frequencies up to 50 GHz **Recommendation:** APPROVE

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

#### P11073-40101/Draft 5

IEEE Draft Standard – Health Informatics – Device Interoperability - Part 40101: Cybersecurity – Processes for Vulnerability Assessment **Recommendation:** APPROVE

#### P11073-40102/Draft 4

IEEE Draft Standard – Health Informatics – Device Interoperability – Part 40102: Cybersecurity – Capabilities for Mitigation **Recommendation:** APPROVE

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

## P2660.1/Draft 3

IEEE Draft Recommended Practices on Industrial Agents: Integration of Software Agents and Low Level Automation Functions **Recommendation:** APPROVE

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



#### P3004.3/Draft 3

IEEE Draft Recommended Practice for the Application of Low-Voltage Fuses in Industrial and Commercial Power Systems **Recommendation:** APPROVE

IEEE Instrumentation and Measurement Society/TC10 – Waveform Generation Measurement and Analysis

## P2414/Draft 2.3

IEEE Draft Standard for Jitter and Phase Noise **Recommendation:** APPROVE

IEEE Power and Energy Society/Energy Development & Power Generation

#### P2760/Draft 8

IEEE Draft Guide for Wind Power Plant Grounding System Design for Personnel Safety **Recommendation:** APPROVE

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

#### P2747/Draft 7

IEEE Draft Guide for Energy Efficiency Technology Evaluation of Electric Power Fittings **Recommendation:** APPROVE

#### P2821/Draft 6

IEEE Draft Guide for Unmanned Aerial Vehicle-Based Patrol Inspection System for Transmission Lines **Recommendation:** APPROVE

# IEEE Vehicular Technology Society/Intelligent Transportation Systems

#### P1609.2.1/Draft 15

IEEE Draft Standard for Wireless Access in Vehicular Environments (WAVE) – Certificate Management Interfaces for End-Entities **Recommendation:** Conditional approval pending the completion of the documents required to launch both registries included in the standard



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

#### P1528.7/Draft 2

IEEE Draft Guide to Assess the Electromagnetic Fields (EMF) Exposure of Internet of Things (IoT) Technologies/Solutions **Recommendation:** APPROVE

#### P62704-4/Draft 4

IEC/IEEE International Draft Standard – Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz – 6 GHz: Part 4: General Requirements for Using the Finite Element Method (FEM) for SAR Calculations **Recommendation:** APPROVE

#### PC95.1-2019/Cor 2/Draft 2

IEEE Draft Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz Corrigendum 2:PC95.1-2019\_Cor2 **Recommendation:** APPROVE

Revision:

## IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

#### P952/Draft 9

IEEE Draft Standard Specification Format Guide and Test Procedure for Single-Axis Interferometric Fiber Optic Gyros **Recommendation:** APPROVE

IEEE Antennas and Propagation Society/Antennas and Propagation Standards Committee

#### P356/Draft 4.2

IEEE Draft Guide for Measurements of Electromagnetic Properties of Earth Media **Recommendation:** APPROVE

#### P1502/Draft 4.3

IEEE Draft Recommended Practice for Radar Cross-Section Test Procedures **Recommendation:** APPROVE



## **IEEE Communications Society/Power Line Communications**

#### P1901/Draft 4.2

IEEE Draft Standard for Broadband Over Power Line Networks: Medium Access Control and Physical Layer Specifications **Recommendation:** APPROVE

## **IEEE Computer Society/Learning Technology**

#### P1484.11.2/Draft 6

IEEE Draft Standard for Learning Technology – ECMAScript Application Programming Interface for Content to Runtime Services Communication **Recommendation:** APPROVE

#### P1484.12.1/Draft 8

IEEE Draft Standard for Learning Object Metadata **Recommendation:** APPROVE

## IEEE Computer Society/Software & Systems Engineering Standards Committee

#### P24748-3/Draft 3

ISO/IEC/IEEE Draft International Standard – Systems and Software Engineering-Life Cycle Management – Part 3: Guidelines for the Application of ISO/IEC/IEEE 12207 (Software Life Cycle Processes) **Recommendation:** APPROVE

**IEEE Industry Applications Society/Petroleum & Chemical Industry** 

#### **P841/Draft 7** [REMOVED FROM THE SASB CONSENT AGENDA]

IEEE Draft Standard for Petroleum and Chemical Industry – Premium-Efficiency, Severe-Duty, Totally Enclosed Squirrel Cage Induction Motors – 0.75-370 kW (1-500 hp)

**Recommendation:** DEFER [3=yes, 2=no, 1=recuse] There was a motion to defer with the recommendation to work with the two mentors (Law, Koshy) to address RevCom's concerns

#### P1826/Draft 3.6

IEEE Draft Standard for Power Electronics Open System Interfaces in Zonal Electrical Distribution Systems Rated above 100 kW **Recommendation:** APPROVE



## IEEE Power and Energy Society/Insulated Conductors

#### P1637/Draft 4

IEEE Draft Guide for Selection and Application of Terminations for Shielded Alternating-Current Power Cable Rated 5 kV – 46 kV **Recommendation:** APPROVE

## IEEE Power and Energy Society/Nuclear Power Engineering

## P336/Draft 4

IEEE Draft Recommended Practice for Installation, Inspection, and Testing for Class 1E Power, Instrumentation, and Control Equipment at Nuclear Facilities

Recommendation: APPROVE

## P60980-344/Draft D2

IEEE/IEC International Draft Standard – Nuclear Facilities – Equipment Important to Safety – Seismic Qualification **Recommendation:** APPROVE

#### **IEEE Power and Energy Society/Substations**

#### P1623/Draft 6

IEEE Draft Guide for the Functional Specification of Medium Voltage (1 kV – 35 kV) Electronic Shunt Devices for Dynamic Voltage Compensation **Recommendation:** APPROVE

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

#### PC62.92.5/Draft 4

IEEE Draft Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part V-Transmission Systems and Subtransmission Systems **Recommendation:** APPROVE

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

#### PC62.31/Draft 8

IEEE Draft Standard for Test Methods and Preferred Values for Low-Voltage Gas Discharge Tube Surge-Protective Components



#### Recommendation: APPROVE

#### PC62.41.3/Draft 5

IEEE Draft Guide for Interactions between Power System Disturbances and Surge Protective Devices **Recommendation:** APPROVE

**IEEE Power and Energy Society/Switchgear** 

#### PC37.121/Draft 1.6

IEEE Draft Guide for Switchgear – Unit Substation – Requirements **Recommendation:** APPROVE

#### **IEEE Power and Energy Society/Transformers**

#### PC57.12.01/Draft 10

IEEE Draft Standard for General Requirements for Dry-Type Distribution and Power Transformers Recommendation: APPROVE

#### PC57.12.70/Draft 4.1

IEEE Draft Standard for Standard Terminal Markings and Connections for Distribution and Power Transformers **Recommendation:** APPROVE

#### PC57.12.91/Draft 6

IEEE Draft Standard Test Code for Dry-Type Distribution and Power Transformers **Recommendation:** APPROVE

#### PC57.148/Draft 9

IEEE Draft Standard for Control Cabinets for Power Transformers **Recommendation:** APPROVE

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

#### P1531/Draft 5

IEEE Draft Guide for Application and Specification of Harmonic Filters **Recommendation:** APPROVE

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



## P62209-1528/Draft 5

IEC/IEEE Draft International Standard – Measurement Procedures for the Assessment of Specific Absorption Rate (SAR) of Human Exposure to Radio Frequency Fields from Hand-Held and Body-Worn Wireless Communication Devices (Frequency Range of 4 MHz to 10 GHz) **Recommendation:** APPROVE

## 4 SASB Standing Committee Reports

4.1 Audit Committee (<u>AudCom</u>)

John Kulick, AudCom Chair, reported.

John thanked Peter Balma, AudCom Baselines Ad Hoc Chair, for his leadership and efforts in regards to the review and update process for the various AudCom-maintained baseline documents.

4.2 New Standards Committee (<u>NesCom</u>)

Dorothy Stanley, NesCom Chair, reported.

Doug Edwards stated that he would like to join the NesCom Ad Hoc on Review Period Timeframes.

4.3 Procedures Committee (ProCom)

Ted Burse, ProCom Chair, reported.

4.4 Standards Review Committee (<u>RevCom</u>)

Travis Griffith, RevCom Chair, reported.

#### 4.4.1 <u>P841</u>

David Law initiated discussion about the P841 RevCom recommendation to the SASB.

RevCom recommendation:

## P841/Draft 7

IEEE Draft Standard for Petroleum and Chemical Industry – Premium-Efficiency, Severe-Duty, Totally Enclosed Squirrel Cage Induction Motors – 0.75-370 kW (1-500 hp) <u>Recommendation:</u> DEFER [3=yes, 2=no, 1=recuse] There was a motion to defer with the recommendation to work with the two mentors (Law, Koshy) to address RevCom's concerns

There was a motion to Substitute the following text in place of the text of the RevCom recommendation:

DISAPPROVE with the remedy that:

[1] The scope of the draft be brought into alignment with the scope of the PAR by either:

[a] removing the content of the draft outside the scope of the PAR and then conducting recirculation ballots as necessary; or

[b] submitting a PAR modification request to expand the scope of the PAR to match the scope of the draft, forming a new balloting group due to the expanded PAR scope, and then conducting the entire balloting process on the draft using the new balloting group

[2] Follow the guidelines for 'Notification Why Comments Associated with a Negative Vote were not Recirculated' found in the RevCom 'Guide for the Submittal of Proposed Standards' for any comments associated with a negative vote that have not been shown to the balloting group via a recirculation ballot.

Two mentors are appointed (Law, Koshy).

There was discussion on the motion to Substitute.

There was a motion to Amend (see updates in yellow highlight):

DISAPPROVE with the remedy that:

[1] The scope of the draft be brought into alignment with the scope of the PAR by either:

[a] removing the content of the draft outside the scope of the PAR and then conducting recirculation ballots as necessary; or

[b] submitting a PAR modification request to expand the scope of the PAR to match the scope of the draft, forming a new balloting group due to the expanded PAR scope, and then conducting the entire balloting process on the draft using the new balloting group; or

[c] referring to the Standards Committee (IAS/PCIC) to evaluate if the scope of the draft standard is within the scope of work authorized by the PAR

[2] Follow the guidelines for 'Notification Why Comments Associated with a Negative Vote were not Recirculated' found in the RevCom 'Guide for the Submittal of Proposed Standards' for any comments associated with a negative vote that have not been shown to the balloting group via a recirculation ballot.

Two mentors are appointed (Law, Koshy).

In the absence of objection, the motion to Amend was approved.

The vote on the updated main motion then occurred. Travis Griffith recused.

In the absence of objection, the updated main motion was approved. See text below:

**DISAPPROVE** with the remedy that:

[1] The scope of the draft be brought into alignment with the scope of the PAR by:

[a] removing the content of the draft outside the scope of the PAR and then conducting recirculation ballots as necessary; or

[b] submitting a PAR modification request to expand the scope of the PAR to match the scope of the draft, forming a new balloting group due to the expanded PAR scope, and then conducting the entire balloting process on the draft using the new balloting group; or



[c] referring to the Standards Committee (IAS/PCIC) to evaluate if the scope of the draft standard is within the scope of work authorized by the PAR

[2] Follow the guidelines for 'Notification Why Comments Associated with a Negative Vote were not Recirculated' found in the RevCom 'Guide for the Submittal of Proposed Standards' for any comments associated with a negative vote that have not been shown to the balloting group via a recirculation ballot.

Two mentors are appointed (Law, Koshy).

- 5 Standards Coordinating Committee Reports
- 5.1 SCC Coordinator's <u>Report</u>

Mehmet Ulema, SCC Coordinator, reported.

Mehmet thanked Rich Hulett and David Law for their leadership as the SCC18 co-chairs.

<u>NOTE:</u> Some reports and presentations are available in the IEEE-SA Standards Board document repository (<u>https://ieee-sa.imeetcentral.com/sasb/home</u>), in the Files & Discussions area, in the September 2020 folder.

# There was a motion to accept the submitted reports from SCC21 and SCC31. In the absence of objection, the motion was approved.

- 5.2 Scheduled Reports Due in September:
- 5.2.1 <u>SCC21</u> Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage

Mark Siira, SCC21 Chair, reported.

5.2.2 <u>SCC31</u> – Automatic Meter Reading and Energy Management

Lawrence Kotewa, SCC31 Chair, reported.

## 6 Old Business

7 Informational Reports



## 7.1 CAG Report

Don Wright, SASB liaison to the CAG, reported.

7.2 SASB Chair's Report

Chair Hoffman provided a verbal report.

Chair Hoffman noted two recent deaths:

**Patrick Ryan**, executive director of the IEEE Power and Energy Society (PES), passed away on 8 September. Pat worked for IEEE in Technical Activities for over 13 years and was a driving force in transforming PES into the second largest society within IEEE.

**Donald (Don) W. Zipse** passed away on 21 August at age 87. Don was a long-time member of RevCom and the SASB in the 1980s and 1990s.

The SASB held a moment of silence in honor of Mr. Ryan and Mr. Zipse.

#### 8 New Business

8.1 ICCom Transition

Kevin Lu, ICCom Chair, provided a verbal report.

Kevin noted that ICCom now reports to the BOG's Industry Engagement and Sector Strategies SMDC.

Chair Hoffman thanked Kevin and all of the ICCom members for their dedication and for the work done while ICCom was a standing committee of the SASB.

#### 8.2 SASB Ad Hoc on Terminology

This item occurred after item 8.3.

Chair Hoffman reported.

There was a motion to endorse the Way Forward as noted in slide 6. In the absence of objection, the motion was approved.



#### The revised scope for the ad hoc:

a) Identify a process for the review of any/all terminology recommended or suggested for potential deprecation by the SASB,

b) Examine what other Standards Setting Organizations have done or are planning to do,

c) Ensure that those in the decision-making process have a fiduciary duty to IEEE,

d) Develop draft text that memorializes the process in the relevant SASB rules document (e.g., SASB OpMan).

Chair Hoffman asked if any SASB or SASB standing committee members wanted to join the ad hoc.

The following individuals indicated that they would like to join the ad hoc: Konstantinos Karachalios, Daleep Mohla, Dorothy Stanley, Lei Wang, Sha Wei, and Don Wright

#### 8.3 <u>March 2021 Meeting</u> as Virtual-Only

This item occurred after item 8.1.

Dave Ringle introduced the topic, noting that the dates for the March 2021 SASB meeting series had previously been approved by the SASB, but that no venue had yet been selected.

Paul Nikolich stated his support for virtual SASB meeting series and suggested that the SASB may want to consider holding fewer in-person meeting series in the future.

There was a motion: Move that the March 2021 SASB meeting series be held as virtualonly.

In the absence of objection, the motion was approved.

## 9 <u>Next Meeting</u>

The next SASB meeting is scheduled for 03-04 December 2020 via teleconference/Webex.



## 10 SASB Resolutions

The SASB recognized the Vehicular Technology Society/High Speed Train and Maglev Standards Committee, to be abbreviated as VT/HSTMSC, as an official Standards Committee, in accordance with IEEE SASB Bylaws 5.2.2.

The SASB updated the Scope of the SASB Ad Hoc on Terminology:

a) Identify a process for the review of any/all terminology recommended or suggested for potential deprecation by the SASB,

b) Examine what other Standards Setting Organizations have done or are planning to do,

c) Ensure that those in the decision-making process have a fiduciary duty to IEEE,

d) Develop draft text that memorializes the process in the relevant SASB rules document (e.g., SASB OpMan).

#### 11 Executive Session Items

11.1 SASB Oversight Committee RE: a Specific Standards Committee

## 11.2 Recent Appeal to the SASB

## 12 Adjournment

There was a motion to extend the meeting by 60 minutes. The motion failed. [Vote: Yes=5, No=7, Abstain=2]

It was noted that an Executive Session SASB meeting will be scheduled to address agenda items 11.1 and 11.2.

As Orders of the Day was called, the meeting was adjourned at 3:05 p.m. UTC.