

IEEE-SA Standards Board Meeting Minutes – September 2017

**IEEE-SA Standards Board
DRAFT Meeting Minutes
28 September 2017
Teleconference/webex****Attendees****Chair:**

Jean-Philippe Faure

Vice Chair:

Gary Hoffman

Past Chair:

John Kulick

Secretary:

Konstantinos Karachalios

Members:

Chuck Adams

Masayuki Ariyoshi

Ted Burse

Stephen Dukes

Doug Edwards

Travis Griffith

Michael Janezic

Thomas Koshy

Kevin Lu

Daleep Mohla

Damir Novosel, TAB Rep.

Ron Petersen

Annette Reilly

Robby Robson

Dorothy Stanley

Adrian Stephens

Mehmet Ulema

Phil Wennblom

Howard Wolfman
Yu Yuan

Members Absent:

Joe Koepfinger, Member Emeritus

IEEE Staff:

Bill Ash
Kathryn Bennett
Justin Caso
Matthew Ceglia
Karen Evangelista
Jonathan Goldberg
Yvette Ho Sang
Karen Kenney
Dave Ringle, Recording Secretary
Pat Roder
Rudi Schubert
Sam Sciacca
Erin Spiewak
Lisa Weisser

IEEE Outside Legal Counsel:

Claire Topp

Guests:

Chris Hunter
John Messenger
Jon Rosdahl
Don Wright

1 Call to Order

Chair Faure called the meeting to order at 9:00 a.m. ET. There was a round of introductions by all present.

2 Agenda

2.1 Approval of [Agenda](#)

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

2.2 Consent Agenda

2.2.1 Approval of 15 June 2017 SASB Meeting [Minutes](#)

2.2.2 AudCom Recommendations

Accepted (standards work authorized):

- CIS/SC Computational Intelligence Society/Standards Committee
- COM/AccessCore-SC Communications Society/Access and Core Networks Committee
- COM/EdgeCloud-SC Communications Society/Edge, Fog, Cloud Communications with IOT and Big Data Standards Committee
- COM/MobiNet-SC Communications Society/Mobile Communication Standards Committee
- COM/PLC Communications Society/Power Line Communications Committee
- ITSS/SC Intelligent Transportation Systems Society/Standards Committee
- SSIT/SC Society on Social Implications of Technology/Standards Committee

New Sponsor Recognition with Accepted P&Ps

Motion: Recognize the Communications Society/Access and Core Networks Standards Committee, to be abbreviated as COM/AccessCore-SC, as an official Sponsor, in accordance with IEEE-SASB Bylaws 5.2.2.

Motion: Recognize the Communications Society/Edge, Fog, Cloud Communications with IOT and Big Data Standards Committee, to be abbreviated as COM/EdgeCloud-SC, as an official Sponsor, in accordance with IEEE-SASB Bylaws 5.2.2.

Motion: Recognize the Communications Society/Mobile Communication Networks Standards Committee, to be abbreviated as COM/MobiNet-SC, as an official Sponsor, in accordance with IEEE-SASB Bylaws 5.2.2.

Motion: Recognize the Society on Social Implications of Technology/Standards Committee, to be abbreviated as SSIT/SC, as an official Sponsor, in accordance with IEEE-SASB Bylaws 5.2.2.

2.2.3 ICom Recommendations

New Industry Connections Activity Approvals:

IC17-011-01 Realizing the Immersive Future City

ICAID: <https://ieee-sa.imeetcentral.com/p/eAAAAAANnKiAAAAAGW3WJw>

Recommendation: Approve

IC17-012-01 Supply Chain & Trials Standardized Technology and Implementation

ICAID: https://ieee-sa.imeetcentral.com/p/eAAAAAANnKjAAAAAFR-2_8

Recommendation: Approve

IC17-013-01 11073 PHD Cybersecurity

ICAID: <https://ieee-sa.imeetcentral.com/p/eAAAAAANnKIAAAAAErCe5c>

Recommendation: Approve

IC17-014-01 Digital Literacy

ICAID: <https://ieee-sa.imeetcentral.com/p/eAAAAAANuLMAAAAAFhn6aU>

Recommendation: Approve

Revised Industry Connections Activity Approval:

IC15-003-02 Smart City Compliance Indicators

ICAID: <https://ieee-sa.imeetcentral.com/p/eAAAAAANsiJAAAAAG05Spk>

Recommendation: Approve

2.2.4 NesCom Recommendations

Withdrawal Requests:

IEEE Computer Society/Voting Systems Standards Committee

P1622.3

Standard for Election Systems Event Logging Data Interchange Format

Recommendation: Approve PAR withdrawal

P1622.4

Recommended Practice for Election Modeling

Recommendation: Approve PAR withdrawal

P1622.5

Standard for Election Systems Usability and Accessibility

Recommendation: Approve PAR withdrawal

P1622.6

Recommended Practice for Voting Methods Mathematical Models

Recommendation: Approve PAR withdrawal

P1622.7

Standard for Electronic Pollbook Data Interchange Format

Recommendation: Approve PAR withdrawal

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

P11073-10406a

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

Recommendation: Approve PAR withdrawal

IEEE Industry Applications Society/Power Systems Protection

P2408

Guide for Communications-Based Protection of Industrial and Commercial Power Systems

Recommendation: Approve PAR withdrawal

Modified PARs:

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AS

Standard for Local and Metropolitan Area Networks – Timing and Synchronization for Time-Sensitive Applications

Recommendation: Approve modified PAR

IEEE Computer Society/Microprocessor Standards Committee

P2200

Standard Protocol for Stream Management in Media Client Devices

Recommendation: Approve modified PAR

IEEE Computer Society/Standards Activities Board

P1680.1

Standard for Environmental and Social Responsibility Assessment of Computers and Displays

Recommendation: Approve modified PAR

P3333.3

Standard for Head Mounted Display (HMD) Based 3D Content Motion Sickness Reducing Technology

Recommendation: Approve modified PAR

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3001.2

Recommended Practice for Evaluating the Electrical Service Requirements of Industrial and Commercial Power Systems

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Insulated Conductors

P592

Standard for Insulation Shields on Medium-Voltage (15 kV – 35 kV) Cable Joints and Separable Connectors

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Substations

P1818

Guide for the Design of Low Voltage Auxiliary Systems for Electric Power Substations

Recommendation: Approve modified PAR

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 2021

IEEE Computer Society/Cloud Computing Standards Committee

P2301

Guide for Cloud Portability and Interoperability Profiles (CPIP)

Recommendation: Approve request for an extension until December 2018

IEEE Computer Society/Design Automation

P1076

Standard for VHDL Language Reference Manual

Recommendation: Approve request for an extension until December 2018

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Qcc

Standard for Local and Metropolitan Area Networks – Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Stream Reservation Protocol (SRP) Enhancements and Performance Improvements

Recommendation: Approve request for an extension until December 2019

P802.3bt

Standard for Ethernet Amendment: Physical Layer and Management Parameters for DTE Power via MDI over 4-Pair

Recommendation: Approve request for an extension until December 2018

IEEE Computer Society/Microprocessor Standards Committee

P2200

Standard Protocol for Stream Management in Media Client Devices

Recommendation: Approve request for an extension until December 2019

IEEE Communications Society/Dynamic Spectrum Access Networks Standards Committee

P1900.1

Standard Definitions and Concepts for Dynamic Spectrum Access: Terminology Relating to Emerging Wireless Networks, System Functionality, and Spectrum Management

Recommendation: Approve request for an extension until December 2018

P1900.5.1

Standard Policy Language for Dynamic Spectrum Access Systems

Recommendation: Approve request for an extension until December 2019

IEEE Communications Society/Standards Development Board

P1910.1

Standard for Meshed Tree Bridging with Loop Free Forwarding

Recommendation: Approve request for an extension until December 2020

IEEE Industry Applications Society/Petroleum & Chemical Industry

P80005-1

Utility Connections in Port – Part 1: High Voltage Shore Connection (HVSC) Systems – General Requirements

Recommendation: Approve request for an extension until December 2018

IEEE Instrumentation and Measurement Society/TC4 – High Frequency Measurement

P378

Recommended Practices for Scattering Parameter Measurements Using Vector Network Analyzers

Recommendation: Defer request for an extension until the December NesCom meeting after the initial ballot date.

IEEE Instrumentation and Measurement Society/TC9 – Sensor Technology

P1588

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

Recommendation: Approve request for an extension until December 2019

IEEE Power and Energy Society/Nuclear Power Engineering

P650

Standard for Qualification of Class 1E Static Battery Chargers, Inverters and Uninterruptible Power Supply (UPS) Systems for Nuclear Power Generating Stations

Recommendation: Approve request for an extension until December 2018

IEEE Power and Energy Society/Power System Relaying and Control

P60255-118-1

Measuring Relays and Protection Equipment – Part 118-1: Synchrophasor for Power System – Measurements

Recommendation: Approve request for an extension until December 2018

PC37.247

Standard for Phasor Data Concentrators for Power Systems

Recommendation: Approve request for an extension until December 2018

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

PC62.11

Standard for Metal-Oxide Surge Arresters for AC Power Circuits (> 1 kV)

Recommendation: Approve request for an extension until December 2019

IEEE Power and Energy Society/Switchgear

PC37.30.3

Standard Requirements for High Voltage Interrupter Switches, Interrupters, or Interrupting Aids Used on or Attached to Switches Rated for Alternating Currents above 1000 Volts

Recommendation: Approve request for an extension until December 2018

IEEE Power and Energy Society/Transformers

PC57.19.04

Standard Performance Characteristics and Dimensions for High Current Power Transformer Bushings with Rated Continuous Current in Excess of 5000 A in Bus Enclosures

Recommendation: Approve request for an extension until December 2018

PC57.161

Guide for Dielectric Frequency Response Test

Recommendation: Approve request for an extension until December 2018

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

P945

Recommended Practice for Preferred Metric Units for Use in Electrical and Electronics Science and Technology

Recommendation: Approve request for an extension until December 2019

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

P62704-4

Standard for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz – 6 GHz: General Requirements for Using the Finite Element Method (FEM) for SAR Calculations and Specific Requirements for Modeling Vehicle-Mounted Antennas and Personal Wireless Devices

Recommendation: Approve request for an extension until December 2019

New PARs:

IEEE-SA Board of Governors/Corporate Advisory Group

P2777

Standard for Operation of Coal-Fired 300 – 600 MW Grade Boilers

Recommendation: Approve new PAR until December 2021

P2779

Guide for Assessment of Geological Stability of Transmission Corridors

Recommendation: Approve new PAR until December 2021

P2780

Standard for Insulation Piercing Connectors

Recommendation: Approve new PAR until December 2021

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 new PAR until December 2021

P802.1AC-2016/Cor 1

Standard for Local and Metropolitan Area Networks – Media Access Control (MAC) Service Definition – Corrigendum 1: Logical Link Control (LLC) Encapsulation EtherType

Recommendation: Approve new PAR until December 2021

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 new PAR until December 2021

P802.1Qcw

Standard for Local and Metropolitan Area Networks – Bridges and Bridged Networks Amendment: YANG Data Models for Scheduled Traffic, Frame Preemption, and Per-Stream Filtering and Policing

Recommendation: Approve new PAR until December 2021

P802.1Qcx

Standard for Local and Metropolitan Area Networks – Bridges and Bridged Networks Amendment: YANG Data Model for Connectivity Fault Management

Recommendation: Approve new PAR until December 2021

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 new PAR until December 2021

IEEE Communications Society/Standards Development Board

P1934

OpenFog Reference Architecture for Fog Computing

Recommendation: Approve new PAR until December 2021

P2784

Guide for the Technology and Process Framework for Planning a Smart City

Recommendation: Approve new PAR until December 2021

IEEE Engineering in Medicine and Biology Society/Standards Committee

P2721

Standard for Wireless Health Device Security Assurance

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Energy Development & Power Generation

P2778

Guide for Solar Power Plant Grounding for Personnel Protection

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Electric Machinery

P2465

Recommended Practice for Pulse-Type Partial Discharge Measurements on Individual Stator Coils and Bars

Recommendation: Approve new PAR until December 2021

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

P2685

Recommended Practice for Energy Storage for Stationary Engine-Starting Systems

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Power System Relaying and Control

PC37.120

Protection System Redundancy for Power System Reliability

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Substations

P2656

Guide for Functional Specification of Voltage-Sourced Converter for HVDC Stations

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Switchgear

PC37.68

Standard Design, Test, and Application Requirements for Microprocessor-Based Controls of Distribution Padmount, Dry Vault, Wet Vault, and Polemount Switchgear Rated above 1 kV and up to and including 38 kV

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Transmission and Distribution

P1048a

Guide for Protective Grounding of Power Lines Amendment to Guide for Protective Grounding of Power Lines

Recommendation: Approve new PAR until December 2021

P1218

Trial-Use Guide for Maintenance of Wood Transmission and Distribution Line Structures

Recommendation: Approve new PAR until December 2021

P2655

Atmospheric Inspection & Assessment

Recommendation: Approve new PAR until December 2021

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

P947

Guide for Identification of Alternative Metric Devices for Valves, Fittings, Threads, Flanges

Recommendation: Approve new PAR until December 2021

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P2657

Guide on Energy Feedback Systems for DC Traction Power Supply System

Recommendation: Approve new PAR until December 2021

PARs for the Revision of Standards:

IEEE Computer Society/Cybersecurity and Privacy Standards Committee

P1619

Standard for Cryptographic Protection of Data on Block-Oriented Storage Devices

Recommendation: Approve PAR for the revision of a standard until December 2021

P1619.1

Standard for Authenticated Encryption with Length Expansion for Storage Devices

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AE

Standard for Local and Metropolitan Area Networks: Media Access Control (MAC) Security

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Computer Society/Software & Systems Engineering Standards Committee

P15026-1_Revision

ISO/IEC/IEEE 15026-1 – Systems and Software Engineering – Systems and Software Assurance – Part 1: Concepts and Vocabulary

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Electric Machinery

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 PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Power System Relaying and Control

PC37.101

Guide for Generator Ground Protection

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Substations

P80

Guide for Safety in AC Substation Grounding

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Switchgear

PC37.301

Standard for High-Voltage Switchgear (above 1000 V) Test Techniques – Partial Discharge Measurements

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Transmission and Distribution

P1260

Guide on the Prediction, Measurement, and Analysis of AM Broadcast Reradiation by Power Lines

Recommendation: Approve PAR for the revision of a standard until December 2021

P1368

Guide for Aeolian Vibration Field Measurements of Overhead Conductors

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Transformers

PC57.12.38

Standard for Pad-Mounted-Type, Self-Cooled, Single-Phase Distribution Transformers 250 kVA and Smaller: High Voltage, 34 500 GrdY/19 920 V and Below; Low Voltage, 480/240 V and Below

Recommendation: Approve PAR for the revision of a standard until December 2021

PC57.91

Guide for Loading Mineral-Oil-Immersed Transformers and Step-Voltage Regulators

Recommendation: Approve PAR for the revision of a standard until December 2021

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

P937

Recommended Practice for Installation and Maintenance of Lead-Acid Batteries for Photovoltaic (PV) Systems

Recommendation: Approve PAR for the revision of a standard until December 2021

P1013

Recommended Practice for Sizing Lead-Acid Batteries for Stand-Alone Photovoltaic (PV) Systems

Recommendation: Approve PAR for the revision of a standard until December 2021

P1547.2

Application Guide for IEEE Std 1547, IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems

Recommendation: Approve PAR for the revision of a standard until December 2021

P1561

Guide for Optimizing the Performance and Life of Lead-Acid Batteries in Remote Hybrid Power Systems

Recommendation: Approve PAR for the revision of a standard until December 2021

P1562

Guide for Array and Battery Sizing in Stand-Alone Photovoltaic (PV) Systems

Recommendation: Approve PAR for the revision of a standard until December 2021

P1661

Guide for Test and Evaluation of Lead-Acid Batteries Used in Photovoltaic (PV) Hybrid Power Systems

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P2030.1.1

Standard Technical Specifications of a DC Quick and Bi-Directional Charger for Use with Electric Vehicles

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE COMMUNICATIONS SOCIETY STANDARDS DEVELOPMENT BOARD (COM/SDB) AND ITS STANDARDS COMMITTEES (SCs): SPONSORS AND PROJECTS TO MOVE

Sponsors and Chairs	WGs (Full Names)	WGs (Short Names)	Standards , Projects	Chairs
COM/NetSoft Mehmet Ulema	Next-Generation Service Overlay Networks (NGSON)	COM/SDB/1903_WG	1903, P1903.1, P1903.2, P1903.3	Mehmet Ulema
	Software-Defined Quantum Communication	COM/SDB/QuantumComm	P1913.1	Stephen Bush
	Security for Virtualized Environments	COM/SDB/SVE	P1915.1	Anton Kaska
	Performance for Virtualized Environments	COM/SDB/PVE	P1916.1	Mohammad Asad Rehman Chaudhry
	Reliability for	COM/SDB/RVE	P1917.1	Jason Rupe

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	<i>Virtualized Environments</i>			
	<i>Software-Defined Networking Bootstrapping Procedures</i>	<i>COM/SDB/SDNBP</i>	<i>P1921.1</i>	<i>Christian Jacquenet</i>
	<i>SDN based Middleware for Control and Management of Networks</i>	<i>COM/SDB/SDN-MCM</i>	<i>P1930.1</i>	<i>Pranav Jha</i>

IEEE COMMUNICATIONS SOCIETY STANDARDS DEVELOPMENT BOARD (COM/SDB) AND ITS STANDARDS COMMITTEES (SCs): SPONSORS PROJECTS TO MOVE (Conditional)

Sponsors and Chairs	WGs (Full Names)	WGs (Short Names)	Standards, Projects	Chairs
COM/MobiNet Oliver Holland	Next Generation Fronthaul Interface	COM/SDB/NGFI	P1914.1, P1914.3	Jinri Huang
	Tactile Internet	COM/SDB/TI	P1918.1, P1918.1.1	Oliver Holland
	Aerial Communications and Networking Standards	COM/SDB/AerialNetworks	P1920.1	Kameswara Rao Namuduri
	ROOF Computing	COM/SDB/ROOF	P1931.1	Syam Madanapalli
	Licensed/Unlicensed Spectrum Interoperability in wireless mobile networks	COM/SDB/LUI	P1932.1	Anwer Al-Dulaimi
	Hybrid ARQ for High Throughput Applications	COM/SDB/HARQ	P1933.1	Mohammed Jabi
COM/EdgeCloud Rob Fish	Biometrics Open Protocol	COM/SDB/BOP	2410	Scott Streit
	Privacy and Security Architecture for Consumer Wireless Devices	COM/SDB/P1912 WG	P1912.1	William Scheible
	Nanoscale and Molecular Communications	COM/SDB/NanoCom	1906.1, P1906.1.1	Stephen Bush
	Fog Computing and Networking Working Group	COM/SDB/FOG	P1934	John Zao
COM/AccessCore Alex Gelman	Access Networks Working Group	COM/SDB/1904_WG	1904.1, 1904.2, 1904.1-01, 1904.1-02, 1904.1-03	Glen Kramer

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	HDBaseT 5Play Working Group	COM/SDB/HDBT5	P1911.3	Ariel Sobelman
	Loop-Free Switching and Routing	COM/SDB/1910 WG	P1910.1	Nirmala Shenoy

IEEE PE/PSCC Standards to be moved from other PES TCs

Sponsors and Chairs	WGs (Full Names)	WGs (Short Names)	Standards, Projects	Old Committee
PSCC_D0 Subcommittee	RF Protection of Personnel Working in the Vicinity of Wireless Communications Antennas Attached to Electric Power Line Structures	PSCC/D0/1654	1654	This is moved from PE/T&D
PSCC_E0 Subcommittee	The Design and Installation of Cable Systems in Substations	PSCC/E0/525	525	This is co-sponsored, PE/SUB is the lead, PSCC is the co-sponsor.
PSCC/P0 Subcommittee	Profile for IEEE 1588 PTP	PSCC/P0/C37.238	C37.238	Move from PE/PSR
	WG for DNP3	PSCC/P0/P1815	1815	Move from PE/SUB
	WG for IEC 61850 and 1815 mapping	PSCC/P0/P1815.1	1815.1	Move from SUB
	IEEE Standard Test Method for Use in the Evaluation of Message Communications Between Intelligent Electronic Devices in an Integrated Substation Protection, Control, and Data Acquisition System	PSC/P0/PC37.115	C37.115	Move from PSR
	Network Communications in Substations	PSCC/P0/1615	1615	Move from SUB
	N x 64 kbps fiber interface	PSCC/P0/PC37.94	PC37.94	Move from PSR
	Synchrophasor Data Transfer for Power Systems	PSCC/P0/PC37.118.2	C37.118.2	Move from PSR

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PSCC/S0	Cyber Security Requirements for SA and P&C	PSCC/S0/C37.240	C37.240	Move from PSR
	Interoperability of IPSEC	PSCC/S0/C2030.102.1	C2030.102.1	Move from SUB
	IED Cyber Security Capabilities	PSCC/S0/1686	1686	Move from SUB
	Standard for a Cryptographic Protocol for Cyber Security of Substation Serial Links	PSCC/S0/1711	1711	Move from SUB
	Secure SCADA Comm. Protocol (SSCP)	PSCC/S0/1711.1	1711.1	Move from SUB
		PSCC/S0/1711.2	1711.2	Move from SUB
	Power System Protective Relay Applications of Audio Tones Over Voice Grade Channels	PSCC/MISC/C37.93	C37.93	Move from PSR
	Using Spread Spectrum Radio Communication for Power System Protection Relaying Applications	PSCC/MISC/C37.244	C37.244	Move from PSR
	Phasor Data Concentrator Requirements for Power System Protection, Control, and Monitoring	PSCC/MISC/37.247	C37.247	Move from PSR
	Engineering, Implementation, and Management of System Integrity Protection Schemes	PSCC/MISC/37.250	C37.250	Move from PSR

2.2.5 RevCom Recommendations

NEW

P529-1980/Cor 1/Draft 06 (AES/GA) IEEE Draft Standard Supplement for Strapdown Applications to IEEE Standard Specification Format Guide and Test Procedure for Single-Degree-of-Freedom Rate-Integrating Gyros – Corrigendum 1: 3.3.9.2.2, 3.6.4.1.1, 3.6.4.1.2, 6.3, and 10.10.4.1

Recommendation: APPROVE

P802.1CB/Draft 2.9 (C/LM) IEEE Draft Standard for Local and Metropolitan Area Networks – Frame Replication and Elimination for Reliability

Recommendation: APPROVE

P802.15.3d/Draft 4 (C/LM) IEEE Draft Standard for Information Technology – Local and Metropolitan Area Networks – Specific Requirements – Part 15.3: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for High Rate Wireless Personal Area Networks (WPAN) Amendment for a 100 Gb/s Wireless Switched Point-to-Point Physical Layer

Recommendation: APPROVE

P802.16s/Draft D3 (C/LM) IEEE Draft Standard for Air Interface for Broadband Wireless Access Systems – Amendment: Fixed and Mobile Wireless Access in Channel Bandwidth up to 1.25 MHz

Recommendation: APPROVE

P802.19.1a/Draft 3 (C/LM) IEEE Draft Standard for Information Technology – Telecommunications and Information Exchange Between Systems – Local and Metropolitan Area Networks – Specific Requirements – Part 19: TV White Space Coexistence Methods Amendment: Coexistence Methods for Geo-Location Capable Devices Operating under General Authorization

Recommendation: APPROVE

P844.1/Draft 844.1 D4 (IAS/PCI) IEEE Draft Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures – General, Testing, Marking, and Documentation Requirements

Recommendation: APPROVE

P844.2/Draft 3 (IAS/PCI) IEEE Draft Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures – Application Guide for Design, Installation, Testing, Commissioning, and Maintenance

Recommendation: APPROVE

P1012-2016/Cor 1/Draft Corr 1/Draft 2 (C/S2ESC) IEEE Draft Standard for System, Software and Hardware Verification and Validation – Corrigendum 1

Recommendation: APPROVE

P1609.2a/Draft 8 (VT/ITS) IEEE Draft Standard for Wireless Access in Vehicular Environments – Security Services for Applications and Management Messages – Amendment 1

Recommendation: APPROVE

P1818/Draft 7.2 (PE/SUB) IEEE Draft Guide for the Design of Low Voltage Auxiliary Systems for Electric Power Substations

Recommendation: Conditional approval

There was a motion to conditionally approve P1818 based on approval of the Modified PAR.

P1856/Draft 33 (RS/SC) IEEE Draft Standard Framework for Prognostics and Health Management of Electronic Systems

Recommendation: APPROVE

P1871.2/Draft 22 (SASB/SCC20) IEEE Draft Recommended Practice for IEEE 1671 Test Equipment Templates and Extension Classes for Describing Intrinsic Signal Path Information for Cables, Interface Adaptors, and Test Equipment

Recommendation: APPROVE

P62704-1/Draft D5 (SASB/SCC39) IEC/IEEE Draft International Standard for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz – 6 GHz Part 1: General Requirements for Using the Finite Difference Time Domain (FDTD) Method for SAR Calculations

Recommendation: APPROVE

P62704-3/Draft P62704-3 (SASB/SCC39) IEC/IEEE Draft International Standard for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz – 6 GHz Part 3: Specific Requirements for Using the Finite Difference Time Domain (FDTD) Method for SAR Calculations of Mobile Phones

Recommendation: APPROVE

PC37.246/Draft 11.0 (PE/PSRCC) IEEE Draft Guide for Protection Systems of Transmission to Generation Interconnections

Recommendation: APPROVE

PC62.92.6/Draft 5 (PE/SPDHV) IEEE Draft Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part VI – Systems Supplied by Current-Regulated Sources

Recommendation: APPROVE

REVISION

P387/Draft D01 (PE/NPE) IEEE Draft Standard Criteria for Diesel-Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations

Recommendation: APPROVE

P442/Draft Rev01(D3) (PE/IC) IEEE Draft Guide for Thermal Resistivity Measurements of Soils and Backfill Materials

Recommendation: APPROVE

P515/Draft 7 (IAS/PCI) IEEE Draft Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Trace Heating for Industrial Applications

Recommendation: APPROVE

P1057/Draft 8 (IM/WM&A) IEEE Draft Standard for Digitizing Waveform Recorders

Recommendation: APPROVE

P1076.1/Draft D1.2 (C/DA) IEEE Draft Standard VHDL Analog and Mixed-Signal Extensions

Recommendation: APPROVE

P1458/Draft 8 (IAS/PCI) IEEE Draft Recommended Practice for the Selection, Field Testing, and Life Expectancy of Molded Case Circuit Breakers for Industrial Applications

Recommendation: APPROVE

P2410/Draft 3 (COM/SDB) IEEE Draft Standard for Biometric Open Protocol

Recommendation: APPROVE

P11073-10419/Draft 5 (EMB/11073) IEEE Draft Health Informatics – Personal Health Device Communication – Part 10419: Device Specialization – Insulin Pump

Recommendation: APPROVE

P11073-10425/Draft 4 (EMB/11073) IEEE Draft – Health Informatics – Personal Health Device Communication – Part 10425: Device Specialization – Continuous Glucose Monitor (CGM)

Recommendation: APPROVE

P12207/Draft P12207-FDIS-1707 (C/S2ESC) ISO/IEC/IEEE Draft International Standard – Systems and Software Engineering – Software Life Cycle Processes

Recommendation: APPROVE

P26512/Draft 3 (C/S2ESC) ISO/IEC/IEEE Draft International Standard – Systems and Software Engineering – Requirements for Acquirers and Suppliers of Information for Users

Recommendation: APPROVE

P60076-57-129/Draft FDIS (PE/TR) IEEE/IEC Draft International Standard – Power Transformers – Part 57-129: Transformers for HVDC Applications

Recommendation: APPROVE

PC37.82/Draft 7 (PE/SWG) IEEE Draft Standard for the Qualification of Switchgear Assemblies for Class 1E Applications in Nuclear Power Generating Stations

Recommendation: APPROVE

PC57.12.20/DraftD6 (PE/TR) IEEE Draft Standard for Overhead-Type Distribution Transformers 500 kVA and Smaller: High Voltage, 34 500 V and Below; Low Voltage, 7970/13 800Y V and Below

Recommendation: APPROVE

PC62.34/Draft 15.5 (PE/SPDLV) IEEE Draft Standard for Test Methods and Performance of Low-Voltage (1000 V rms or less) Surge Protective Devices Used on Secondary Distribution Systems (Between the Transformer Low-Voltage Terminals and the Line Side of the Service Entrance Equipment)

Recommendation: APPROVE

3 SASB Standing Committee Reports

3.1 AudCom [Report](#)

Michael Janezic, AudCom Chair, reported.

3.2 ICom [Report](#)

John Kulick, ICom Chair, reported.

Action Item: Dave Ringle to initiate an SASB email ballot on the individual and entity lightweight P&P documents.

4 Standards Coordinating Committee Reports

4.1 SCC Coordinator's [Report](#)

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

4.2 Scheduled Reports Due in September:

4.2.1 [SCC21](#) – Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage (Mark Siira)

4.2.2 [SCC31](#) – Automatic Meter Reading and Energy Management (Lawrence Kotewa)

5 IEEE-SA Standards Board Chair's [Report](#)

Chair Faure reported.

Chair Faure thanked the SASB and committee members for their dedication and hard work, as the workload has been heavy this year.

Action Item: Matthew Ceglia to work with appropriate staff members to research statistics on the time from PAR approval to approval as an IEEE standard.

6 [SASB Oversight of SCC18](#)

Chair Faure reported.

There was a motion:

Move that IEEE-SA seek reclassification from NFPA.

The motion failed. [Vote: Yes=11, No=11, Abstain=1]

There was a motion:

Move that IEEE-SA staff and SCC18 evaluate options related to classification by NFPA and provide Pros and Cons of each option to the SASB for the December SASB meeting.

The motion was approved. [Vote: Yes=19, No=2 (Adams, Dukes)]

There was a motion to extend the meeting by 15 minutes, to end by 11:15 a.m. ET. In the absence of objection, the motion was approved by unanimous consent.

7 New Business

None

8 Upcoming Meeting

There is an in-person [meeting](#) scheduled for 06 December 2017 in Piscataway, New Jersey, USA.

9 SASB Resolutions

The SASB recognized the Communications Society/Access and Core Networks Standards Committee, to be abbreviated as COM/AccessCore-SC, as an official Sponsor, in accordance with IEEE-SASB Bylaws 5.2.2.

The SASB recognized the Communications Society/Edge, Fog, Cloud Communications with IOT and Big Data Standards Committee, to be abbreviated as COM/EdgeCloud-SC, as an official Sponsor, in accordance with IEEE-SASB Bylaws 5.2.2.

The SASB recognized the Communications Society/Mobile Communication Networks Standards Committee, to be abbreviated as COM/MobiNet-SC, as an official Sponsor, in accordance with IEEE-SASB Bylaws 5.2.2.

The SASB recognized the Society on Social Implications of Technology/Standards Committee, to be abbreviated as SSIT/SC, as an official Sponsor, in accordance with IEEE-SASB Bylaws 5.2.2.

10 Adjournment

There being no further business, the meeting was adjourned at 11:11 a.m. ET.