IEEE Standards Association

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations
[SASB approval date: 28-Sep-2017]

[All votes unanimous unless noted otherwise.]

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

P2200
Standard Protocol for Stream Management in Media Client Devices
Recommendation: Approve modified PAR (7 in favor, 1 opposed [Winston])

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

P3001.2
Recommended Practice for Evaluating the Electrical Service Requirements of Industrial and Commercial Power Systems
Recommendation: Approve modified PAR

P592
Standard for Insulation Shields on Medium-Voltage (15 kV - 35 kV) Cable Joints and Separable Connectors
Recommendation: Approve modified PAR

P1818
Guide for the Design of Low Voltage Auxiliary Systems for Electric Power Substations
Recommendation: Approve modified PAR

Extension Requests

P1780
Standard for the Specification of Inertial Measurement Units (IMU)
Recommendation: Approve request for an extension until December 2021

P2301

Guide for Cloud Portability and Interoperability Profiles (CPIP)
Recommendation: Approve request for an extension until December 2018

P1076
Standard for VHDL Language Reference Manual
Recommendation: Approve request for an extension until December 2018

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

P2200
Standard Protocol for Stream Management in Media Client Devices
Recommendation: Approve request for an extension until December 2019

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

P1910.1
Standard for Meshed Tree Bridging with Loop Free Forwarding
Recommendation: Approve request for an extension until December 2020

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

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

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

P2656
Guide for Functional Specification of Voltage-Sourced Converter for HVDC Stations
Recommendation: Approve new PAR until December 2021

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

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

P947
Guide for Identification of Alternative Metric Devices for Valves, Fittings, Threads, Flanges
Recommendation: Approve new PAR until December 2021

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

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

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

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

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

PC37.101
Guide for Generator Ground Protection
Recommendation: Approve PAR for the revision of a standard until December 2021

P80
Guide for Safety in AC Substation Grounding
Recommendation: Approve PAR for the revision of a standard until December 2021

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

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

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

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(TM), 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

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 PROJECTS TO MOVE				
Sponsors and Chairs	**Working Groups 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 networ	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	1904.1,904.2, 1904.1-01, 1904.1-02, 1904.1-03	Glen Kramer
	HDBaseT 5Play Working Group	COM/SDB/HDBT5	P1911.3	Ariel Soberman
	Loop-Free Switching and Routing	COM/SDB/1910 WG	P1910.1	Nirmala Shenoy

Notes * Active standards, marked without the letter "P"

** Active projects, marked with the letter "P"

*** Approved by COMSDB (to be approved by SASB)

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

Sponsors and Chairs	Working Groups 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 Virtualized Environments	COM/SDB/RVE	P1917.1	Jason Rupe
	Software-Defined Networking Bootstrapping Procedures	COM/SDB/SDNBP	P1921.1	Christian JACQUENET
	SDN based Middleware for Control and Management of Networks	COM/SDB/SDN-MCM	P1930.1	Pranav Jha

Notes * Active standards, marked without the letter "P"

** Active projects, marked with the letter "P"

Sponsors and Chairs	Working Groups WGs (Full Names)	WGs (Short Names)	Standards*, Projects**	Chairs
	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
	Performance for Virtualized Environments	COM/SDB/PVE	P1916.1	Mohammad Asad Rehman Chaudhry
	Software-Defined Networking Bootstrapping Procedures	COM/SDB/SDNBP	P1921.1	Christian JACQUENET

	IEEE PE/PSCC Standards to be moved from other PES TCs				
New Sponsor	**Working Groups WGs (Full Names)**	**WGs (Short Names)**	**Standards*, Projects****	**Chairs**	**Old Committee**
PSCC_D0 Subcommittee	RF Protection of Personnel Working in the Vicinity of Wireless	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 1815mapping	PSCC/P0/P1815.1	1815.1		Move from SUB
	IEEE Standard Test Method for Use in the Evaluation of Message	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
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	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
PSCC/MISC	Guide for Power System Protective Relay Applications Over Digital Communication Channels	PSCC/MISC/C37.236	C37.236		Move from PSR
	Power System Protective Relay Applications of Audio Tones Over	PSCC/MISC/C37.93	C37.93		Move from PSR
	Using Spread Spectrum Radio Communication for Power System	PSCC/MISC/C37.244	C37.244		Move from PSR
	Phasor Data Concentrator Requirements for Power System	PSCC/MISC/37.247	C37.247		Move from PSR
	Phasor Data Concentrators for Power Systems	PSCC/MISC/37.250	C37.250		Move from PSR
	Engineering, Implementation, and Management of System				