NesCom Recommendations

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
Recommendaion: Approve modified PAR

IEEE Computer Society/Microprocessor Standards Committee

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

IEEE Computer Society/Standards Activities Board

P1680.1
Standard for Environmental and Social Responsibility Assessment of Computers and Displays
Recommendaion: 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
Recommendaion: 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
Recommendaion: Approve modified PAR

IEEE Power and Energy Society/Substations

P1818
Recommendaion: Approve modified PAR

Extension Requests

IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

P1780
Standard for the Specification of Inertial Measurement Units (IMU)
Recommendaion: 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

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

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

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

P15026-1Revision  
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

IEEE Power and Energy Society/Switchgear

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