

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations [SASB approval date: 22-Sep-2016]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Computer Society/Voting Systems Standards Committee

P1622.1

Standard for Voter Registration Data Interchange Format

Recommendation: Approve PAR withdrawal (6 in favor, 1 recuse [Janezic])

P1622.2

Standard for Election Results Reporting Data Interchange Format

Recommendation: Approve PAR withdrawal (6 in favor, 1 recuse [Janezic])

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 1

Recommendation: Approve PAR withdrawal

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3000

Recommended Practice for the Engineering of Industrial and Commercial Power Systems

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.3cb

Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for 2.5 Gb/s and 5 Gb/s Operation over Backplane

Recommendation: Approve modified PAR

P802.15.7

Standard for Short-Range Optical Wireless Communications

Recommendation: Approve modified PAR

IEEE Computer Society/Standards Activities Board

P3333.2.2

Standard for Three-Dimensional (3D) Medical Visualization

Recommendation: Approve modified PAR

P3333.2.3

Standard for Three-Dimensional (3D) Medical Data Management

Recommendation: Approve modified PAR

P3333.2.4

Standard for Three-Dimensional (3D) Medical Simulation

Recommendation: Approve modified PAR

P3333.2.5

Standard for Bio-CAD File Format for Medical Three-Dimensional (3D) Printing

Recommendation: Approve modified PAR

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1588

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

Recommendation: Approve modified PAR

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 modified PAR

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

PC62.59

Standard for Test Methods and Preferred Values for Silicon PN-Junction Clamping Diodes

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Switchgear

PC37.20.7

Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults

Recommendation: Approve modified PAR

Extension Requests

IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

P1293

Standard Specification Format Guide and Test Procedure for Linear, Single-Axis, Non-Gyroscopic Accelerometers

Recommendation: Approve request for an extension until December 2018

IEEE Computer Society/LAN/MAN Standards Committee

P802.11

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

Recommendation: *Approve request for an extension until December 2017*

P802.11ah

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- Sub 1 GHz License-Exempt Operation

Recommendation: *Approve request for an extension until December 2017*

P802.11ai

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- Fast Initial Link Setup

Recommendation: *Approve request for an extension until December 2017*

P802.11aj

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 Very High Throughput to Support Chinese Millimeter Wave Frequency Bands

Recommendation: *Approve request for an extension until December 2018*

P802.11ak

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 Transit Links Within Bridged Networks

Recommendation: *Approve request for an extension until December 2018*

P802.11aq

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: Pre-Association Discovery

Recommendation: *Approve request for an extension until December 2018*

P802.15.8

Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Peer Aware Communications (PAC)

Recommendation: *Approve request for an extension until December 2017*

IEEE Computer Society/Standards Activities Board

P1680.1

Standard for Environmental Assessment of Personal Computer Products, Including Notebook Personal Computers, Desktop Personal Computers, Slate/Tablets, Small Scale Servers, Signage Displays and Personal Computer Monitors

Recommendation: *Approve request for an extension until December 2018*

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

P11073-10101

Standard for ISO/11073-10101:2004, Health Informatics - Point-of-Care Medical Device Communication - Nomenclature

Recommendation: Approve request for an extension until December 2018

P11073-20101

Standard for ISO/11073-20101:2004, Health Informatics - Point-of-Care Medical Device Communication - Application Profile - Base Standard

Recommendation: Approve request for an extension until December 2018

IEEE Industry Applications Society/Petroleum & Chemical Industry

P45.1

Recommended Practice for Electrical Installations on Shipboard - Design

Recommendation: Approve request for an extension until December 2017

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 request for an extension until December 2017

P3001.11

Recommended Practice for Application of Controllers and Automation to Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2017

P3006.8

Recommended Practice for Analyzing Reliability Data for Equipment Used in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2018 (6 in favor, 1 opposed [Winston])

IEEE Instrumentation and Measurement Society/TC25 - Medical and Biological Measurements

P1721

Standard for Objective Measurement of Systemic Arterial Blood Pressure in Humans

Recommendation: Approve request for an extension until December 2017

IEEE Power and Energy Society/Insulated Conductors

P442

Guide for Soil Thermal Resistivity Measurement

Recommendation: Approve request for an extension until December 2018

P1879

Trial-Use Guide for Extending the Life of Power Cables in the Field

Recommendation: Approve request for an extension until December 2018

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

PC62.33

Standard for Test Methods and Performance Values of Metal-Oxide Varistor Surge Protective Components

Recommendation: Approve request for an extension until December 2017

PC62.34

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 request for an extension until December 2017*

PC62.44

Guide for the Application of Low-Voltage (1000 Volts 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 Panel)

Recommendation: *Approve request for an extension until December 2017*

IEEE Power and Energy Society/Substations

P1052

Guide for the Functional Specifications for Transmission Static Synchronous Compensator (STATCOM) Systems

Recommendation: *Approve request for an extension until December 2018*

P2030.101

Guide for Designing a Time Synchronization System for Power Substations

Recommendation: *Approve request for an extension until December 2017*

IEEE Power and Energy Society/Transformers

PC57.12.40

Standard for Network, Three-Phase Transformers, 2500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 600 V and Below; Subway and Vault Types (Liquid Immersed)

Recommendation: *Approve request for an extension until December 2017*

PC57.147

Guide for Acceptance and Maintenance of Natural Ester Insulating Liquid in Transformers

Recommendation: *Approve request for an extension until December 2018*

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

PC95.1

Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic and Electromagnetic Fields, 0 Hz to 300 GHz

Recommendation: *Approve request for an extension until December 2018*

PC95.3

Recommended Practice for Measurements and Computations of Electric, Magnetic and Electromagnetic Fields With Respect to Human Exposure to Such Fields, 0 Hz-300 GHz

Recommendation: *Approve request for an extension until December 2018*

IEEE Ultrasonics, Ferroelectrics and Frequency Control Society/IEEE Ultrasonics, Ferroelectrics and Frequency Control

P1859

Standard for Relaxor-Based Single Crystals for Transducer and Actuator Applications

Recommendation: *Approve request for an extension until December 2017*

New PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.3.2

Standard for Ethernet YANG Data Model Definitions

Recommendation: Approve new PAR until December 2020

IEEE Computer Society/Software & Systems Engineering Standards Committee

P2675

DevOps - Standard for Building Reliable and Secure Systems Including Application Build, Package and Deployment

Recommendation: Approve new PAR until December 2020

P42020

Standard for Systems and Software Engineering -- Architecture Processes

Recommendation: Approve new PAR until December 2020

IEEE Computer Society/Standards Activities Board

P1680.2a

Standard for Environmental Assessment of Imaging Equipment Amendment 1

Recommendation: Approve new PAR until December 2020

P1680.3a

Standard for Environmental Assessment of Televisions Amendment 1

Recommendation: Approve new PAR until December 2020

IEEE Communications Society/Power Line Communications

P1901.1

Standard for Medium Frequency (less than 15 MHz) Power Line Communications for Smart Grid Applications

Recommendation: Approve new PAR until December 2020

IEEE Communications Society/Standards Development Board

P1918.1.1

Haptic Codecs for the Tactile Internet

Recommendation: Approve new PAR until December 2020

P1921.1

Standard for Software-Defined Networking (SDN) Bootstrapping Procedures

Recommendation: Approve new PAR until December 2020

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1897

Recommended Practice for the Resolution of Power-Line Gap-Noise Reports

Recommendation: Approve new PAR until December 2020

IEEE Power and Energy Society/Energy Development & Power Generation

P2760

Guide for Wind Power Plant Collector System Design for Personnel Safety

Recommendation: Approve new PAR until December 2020

IEEE Power and Energy Society/Nuclear Power Engineering

P2460

Nuclear Facilities - Instrumentation Important To Safety - Spent Fuel Pool Instrumentation

Recommendation: Approve new PAR until December 2020

IEEE Power and Energy Society/Power System Communications

PC93.5

Standard for Power Line Carrier Transmitter/Receiver Equipment used to Transfer Discrete Teleprotection Signals

Recommendation: Approve new PAR until December 2020

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

PC62.42.6

Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports - Part 6 High Frequency Signal Isolation Transformers

Recommendation: Approve new PAR until December 2020

PC62.69a

Standard for the Surge Parameters of Isolating Transformers Used in Networking Devices and Equipment Amendment: Addition of Clause 4.5 Saturated Core Secondary Winding Parameters

Recommendation: Approve new PAR until December 2020

IEEE-SASB Coordinating Committees/SCC31 - Automatic Meter Reading and Energy Management

P1704

Standard for Utility Industry End Device Communications Module

Recommendation: Approve new PAR until December 2020

PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Q

Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Computer Society/Software & Systems Engineering Standards Committee

P26512

/ISO/IEC Standard for Systems and Software Engineering -- Requirements for Acquirers and Suppliers of Information for Users

Recommendation: Approve PAR for the revision of a standard until December 2020

P42010

/ISO/IEC Standard for Systems and Software Engineering -- Architecture Description
Recommendation: Approve PAR for the revision of a standard until December 2020

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

P11073-10201

Health Informatics - Point-of-Care Medical Device Communication - Domain Information Model
Recommendation: Approve PAR for the revision of a standard until December 2020

P11073-10406

Health Informatics--Personal Health Device Communication Part 10406: Device Specialization--Basic Electrocardiograph (ECG) (1- to 3-lead ECG)
Recommendation: Approve PAR for the revision of a standard until December 2020

P11073-10419

Health Informatics- Personal Health Device Communication- Part 10419: Device Specialization- Insulin Pump
Recommendation: Approve PAR for the revision of a standard until December 2020

P11073-10425

Health Informatics--Personal Health Device Communication - Part 10425: Device Specialization--Continuous Glucose Monitor (CGM)
Recommendation: Approve PAR for the revision of a standard until December 2020

P11073-10471

Health Informatics--Personal Health Device Communication Part 10471: Device Specialization--Independent Living Activity Hub
Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Power and Energy Society/Energy Development & Power Generation

P421.5

Recommended Practice for Excitation System Models for Power System Stability Studies
Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Power and Energy Society/Electric Machinery

P1665

Guide for the Rewind of Synchronous Generators, 50 Hz and 60 Hz, Rated 1 MVA and Above
Recommendation: Approve PAR for the revision of a standard until December 2020

P1812

Guide for Testing Permanent Magnet Machines
Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Power and Energy Society/Nuclear Power Engineering

P336

Recommended Practice for Installation, Inspection, and Testing for Class 1E Power, Instrumentation, and Control Equipment

at Nuclear Facilities

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Power and Energy Society/Power System Analysis, Computing, and Economics Committee

P762

Standard Definitions for Use in Reporting Electric Generating Unit Reliability, Availability, and Productivity

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Power and Energy Society/Stationary Batteries Committee

P1188

Recommended Practice for Maintenance, Testing, and Replacement of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications

Recommendation: Approve PAR for the revision of a standard until December 2020

P1657

Recommended Practice for Personnel Qualifications for Installation and Maintenance of Stationary Batteries

Recommendation: Approve PAR for the revision of a standard until December 2020

P1660

Guide for Application and Management of Stationary Batteries Used in Cycling Service

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Power and Energy Society/Substations

P998

Guide for Direct Lightning Stroke Shielding of Substations

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Power and Energy Society/Transmission and Distribution

P957

Guide for Monitoring, Managing and Cleaning of Contaminated Insulators

Recommendation: Approve PAR for the revision of a standard until December 2020

P1654

Guide for RF Protection of Personnel Working in the Vicinity of Wireless Communications Antennas Attached to Electric Power Line Structures

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Power and Energy Society/Transformers

PC57.12.34

Standard Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 10 MVA and Smaller; High-Voltage, 34.5 kV Nominal System Voltage and Below; Low-Voltage, 15 kV Nominal System Voltage and Below

Recommendation: Approve PAR for the revision of a standard until December 2020

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

P260.1

Standard Letter Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain Other Units)

Recommendation: Approve PAR for the revision of a standard until December 2020

P260.4

Standard Letter Symbols and Abbreviations for Quantities Used in Acoustics

Recommendation: Approve PAR for the revision of a standard until December 2020

P280

Standard Letter Symbols for Quantities Used in Electrical Science and Electrical Engineering

Recommendation: Approve PAR for the revision of a standard until December 2020

P1541

Standard for Prefixes for Binary Multiples

Recommendation: Approve PAR for the revision of a standard until December 2020

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 for the revision of a standard until December 2020