

NesCom Recommendations

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations [SASB approval date: 13-Jun-2019]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Aerospace and Electronic Systems Society/Radar Systems Panel

P521a

Standard Letter Designations for Radar-Frequency Bands Amendment: Updating Letter Designations and Extensions of Frequency Range

Recommendation: Approve PAR withdrawal

IEEE Computer Society/Learning Technology

P1484.21

Task Model for Project-based Learning

Recommendation: Approve PAR withdrawal

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

P11073-10420

Health informatics -- Personal health device communication Part 10420: Device specialization -- Body composition analyzer

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE-SA Board of Governors/Corporate Advisory Group

P7130

Standard for Quantum Technologies Definitions

Recommendation: Approve modified PAR

IEEE Consumer Electronics Society/Blockchain Standards Committee

P2140.1

Standard for General Requirements for Cryptocurrency Exchanges

Recommendation: Approve modified PAR

P2140.2

Standard for Security Management for Customer Cryptographic Assets on Cryptocurrency Exchanges

Recommendation: Approve modified PAR

P2140.3

Standard for User Identification and Anti-Money Laundering on Cryptocurrency Exchanges

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Insulated Conductors

P400

Guide for Field Testing and Evaluation of the Insulation of Shielded Power Cable Systems Rated 5 kV and Above

Recommendation: Approve modified PAR

P1186

Recommended Practice for Applicability of Methods for the Evaluation of Low Voltage and Medium Voltage Installed Cable Systems in Nuclear Facilities

Recommendation: Approve modified PAR

Extension Requests

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P1815

Standard for Electric Power Systems Communications-Distributed Network Protocol (DNP3)

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 2020

New PARs

IEEE Antennas and Propagation Society/Antennas and Propagation Standards Committee

P2816

Recommended Practice for Computational Electromagnetics Applied to Modeling and Simulation of Antennas

Recommendation: Approve new PAR until December 2023

IEEE Consumer Electronics Society/Blockchain Standards Committee

P2140.4

Standard for Distributed/Decentralized Exchange Framework using DLT (Distributed Ledger Technology)

Recommendation: Approve new PAR until December 2023

P2140.5

Standard for Custodian Framework of Cryptocurrency

Recommendation: Approve new PAR until December 2023 (8 approve, 1 abstain [Levy])

P2143.1

Standard for General Process of Cryptocurrency Payment

Recommendation: Approve new PAR until December 2023

P2143.2

Standard for Cryptocurrency Payment Performance Metrics
Recommendation: Approve new PAR until December 2023

P2143.3

Standard for Risk Control Requirements for Cryptocurrency Payment
Recommendation: Approve new PAR until December 2023

P2144.1

Standard for Framework of Blockchain-based Internet of Things (IoT) Data Management
Recommendation: Approve new PAR until December 2023

P2144.2

Standard for Functional Requirements in Blockchain-based Internet of Things (IoT) Data Management
Recommendation: Approve new PAR until December 2023

P2144.3

Standard for Assessment of Blockchain-based Internet of Things (IoT) Data Management
Recommendation: Approve new PAR until December 2023

P2418.9

Standard for Cryptocurrency Based Security Tokens
Recommendation: Approve new PAR until December 2023

P2418.10

Standard for Blockchain-based Digital Asset Management
Recommendation: Approve new PAR until December 2023

IEEE Consumer Electronics Society/Standards Committee

P2049.3

Standard for Human Augmentation: Identity
Recommendation: Approve new PAR until December 2023

P2049.4

Standard for Human Augmentation: Methodologies and Processes for Ethical Considerations
Recommendation: Approve new PAR until December 2023

P2089

Standard for Age Appropriate Digital Services Framework - Based on the 5Rights Principles for Children
Recommendation: Conditionally approve new PAR until December 2023; contingent upon staff updating the text to reflect the changes shown during the NesCom meeting.
NB: The condition has been met.

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

P1940

Standard Profiles for ISO 8583 Authentication Services

Recommendation: Approve new PAR until December 2023

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

P11073-10427-2016/Cor 1

Standard - Health informatics--Personal health device communication - Part 10427: Device specialization--Power Status Monitor of Personal Health Devices
- Corrigendum 1

Recommendation: Approve new PAR until December 2023

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3002.9

Recommended Practice for Conducting Transient Studies and Analysis of Industrial and Commercial Power Systems

Recommendation: Approve new PAR until December 2023

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P454

Guide for the Detection, Measurement and Interpretation of Partial Discharges

Recommendation: Approve new PAR until December 2023

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

PC62.44a

Guide for the Application 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 Equipment)
Amendment 1 - Annex D

Recommendation: Approve new PAR until December 2023

PC62.51

Guide for the Application of Plug-in Multiservice Surge-Protective Devices (MSPDs) for Equipment Connected to AC Mains and Information and Communication Technology (ICT) Metallic Cables

Recommendation: Approve new PAR until December 2023

IEEE Power and Energy Society/Switchgear

PC37.30.6

Guide for Electric Motor Operators Applied to High-Voltage Air Switches Rated Above 1000 V

Recommendation: Approve new PAR until December 2023

IEEE Power and Energy Society/Transmission and Distribution

P2819

Recommended Practice for Measuring Method of Electromagnetic Environment for the Corridor of High-voltage Overhead Power Transmission Lines in Parallel Mixed with Alternating Current and Direct Current

Recommendation: Approve new PAR until December 2023

P2821

Guide for Unmanned Aerial Vehicle-based Patrol Inspection System for Transmission Lines

Recommendation: Approve new PAR until December 2023

PC135.100

Standard for Line Hardware for Overhead Line Construction

Recommendation: Approve new PAR until December 2023

IEEE Robotics and Automation Society/Standing Committee for Standards

P2817

Guide for Verification of Autonomous Systems

Recommendation: Approve new PAR until December 2023

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

P1636.1-2018/Cor 1

Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA): Exchanging Test Results and Session Information via the eXtensible Markup Language (XML)

- Corrigendum 1

Recommendation: Approve new PAR until December 2023

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

P2030.10.1

Standard for Electricity Access Requirements with Safety Extra Low Voltage (SELV) DC for Tier II and Tier III of Energy Sector Management Assistance Program (ESMAP) Multi-tier Framework for Household Electricity Supply

Recommendation: Approve new PAR until December 2023

P2815

Guide for the Technical Specification of Smart Distribution Transformer Terminal

Recommendation: Approve new PAR until December 2023

IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee

P7014

Standard for Ethical considerations in Emulated Empathy in Autonomous and Intelligent Systems

Recommendation: Approve new PAR until December 2023

PARs for the Revision of Standards

IEEE Aerospace and Electronic Systems Society/Radar Systems Panel

P521

Standard Letter Designations for Radar-Frequency Bands

Recommendation: Approve PAR for the revision of a standard until December 2023

IEEE Antennas and Propagation Society/Antennas and Propagation Standards Committee

P1720

Recommended practice for near field antenna measurements

Recommendation: Approve PAR for the revision of a standard until December 2023

IEEE Computer Society/Design Automation

P1481

Standard for Integrated Circuit (IC) Open Library Architecture (OLA)

Recommendation: Approve PAR for the revision of a standard until December 2023

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1826

Standard for Power Electronics Open System Interfaces in Zonal Electrical Distribution Systems Rated Above 100 kW

Recommendation: Approve PAR for the revision of a standard until December 2023

IEEE Power and Energy Society/Electric Machinery

P1434

Guide for the Measurement of Partial Discharges in AC Electric Machinery

Recommendation: Approve PAR for the revision of a standard until December 2023

IEEE Power and Energy Society/Insulated Conductors

P635

Guide for Selection and Design of Aluminum Sheaths for Power Cables

Recommendation: Approve PAR for the revision of a standard until December 2023

IEEE Power and Energy Society/Nuclear Power Engineering

P833

Recommended Practice for the Protection of Electric Equipment in Nuclear Power Generating Stations from Water Hazards

Recommendation: Approve PAR for the revision of a standard until December 2023

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

PC62.37

Standard for Test Methods and Preferred Values for Thyristor Surge Protective Components

Recommendation: Approve PAR for the revision of a standard until December 2023

PC62.41.1

Guide on the Surge Environment in Low-Voltage (1000 V and less) AC Power Circuits

Recommendation: Approve PAR for the revision of a standard until December 2023

PC62.41.2

Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and less) AC Power Circuits

Recommendation: Approve PAR for the revision of a standard until December 2023

PC62.41.4

Recommended Practice on Surge Testing for Equipment Connected to Low-Voltage (1000 V and less) AC Power Circuits

Recommendation: Approve PAR for the revision of a standard until December 2023

IEEE Power and Energy Society/Substations

PC37.122.2

Guide for the Application of Gas-Insulated Substations Rated 1 kV to 52 kV

Recommendation: Approve PAR for the revision of a standard until December 2023

IEEE Power and Energy Society/Transformers

PC57.12.35

Standard for Information Coding for Distribution Transformers and Step-Voltage Regulators

Recommendation: Approve PAR for the revision of a standard until December 2023

PC57.152

Guide for Diagnostic Field Testing of Liquid-Filled Power Transformers, Regulators, and Reactors

Recommendation: Approve PAR for the revision of a standard until December 2023