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*

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**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.*

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**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
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*

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**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*

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**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*

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**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*

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**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*

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**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*

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**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*

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**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*

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**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*

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**IEEE Power and Energy Society/Substations**

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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