

IEEE SA Standards Board New Standards Committee (NesCom) Recommendations

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Consumer Technology Society/Blockchain Standards Committee

P2144.2

Standard for Functional Requirements in Blockchain-based Internet of Things (IoT) Data Management

Recommendation: Approve PAR withdrawal

P2144.3

Standard for Assessment of Blockchain-based Internet of Things (IoT) Data Management

Recommendation: Approve PAR withdrawal

IEEE Consumer Technology Society/Emerging Technology Standards Committee

P2843

Standard for Measuring Accessibility Experience and Compliance

Recommendation: Approve PAR withdrawal

P2896

Standard for Open Data: Open Data Ontology

Recommendation: Approve PAR withdrawal

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

P11073-10427-2016/Cor 1

Health informatics -- Device Interoperability -- Part 10427: Personal Health Device Communication -- Device specialization--Power Status Monitor of Personal Health Devices - Corrigendum 1

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1588d

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems
Amendment: GDOI (Group Domain of Interpretation) Key Management

Recommendation: Approve modified PAR

IEEE Instrumentation and Measurement Society/TC45 - Radiation and Nuclear Instrumentation and Systems

PN42.63

Standard for Unmanned Aerial Radiation Measurement Systems (UARaMS)

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P2658

Guide for Cybersecurity Testing in Electric Power Systems

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Transformers

PC57.12.28

Standard for Pad-Mounted Equipment--Enclosure Integrity

Recommendation: Approve modified PAR

PC57.12.29

Standard for Pad-Mounted Equipment--Enclosure Integrity for Coastal Environments

Recommendation: Approve modified PAR

IEEE SA Board of Governors/Corporate Advisory Group

P3301

Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI)□
Technical Specification Artificial Intelligence Framework (AIF) Version 1.1

Recommendation: Approve modified PAR

Extension Requests

IEEE Communications Society/Dynamic Spectrum Access Networks Standards Committee

P1900.2

Recommended Practice for the Analysis of In-Band and Adjacent Band Interference and Coexistence Between Radio Systems

Recommendation: Approve request for an extension until December 2024

IEEE Communications Society/Mobile Communication Networks Standards Committee

P1918.1

Tactile Internet: Application Scenarios, Definitions and Terminology, Architecture, Functions, and Technical Assumptions

Recommendation: Approve request for an extension until December 2024

P1918.1.1

Haptic Codecs for the Tactile Internet

Recommendation: Approve request for an extension until December 2024

P1931.1

Standard for an Architectural Framework for Real-time Onsite Operations Facilitation (ROOF) for the Internet of Things

Recommendation: Approve request for an extension until December 2024 (10 approve, 2 disapprove, 2 abstain)

P2061

Architecture for Low Mobility Energy Efficient Network for Affordable Broadband Access

Recommendation: Approve request for an extension until December 2024

IEEE Communications Society/Power Line Communications

P2030.5

Standard for Smart Energy Profile Protocol

Recommendation: Approve request for an extension until December 2023

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

P11073-10406

Health Informatics -- Device Interoperability -- Part 10406: Personal Health Device Communication -- Device Specialization--Basic Electrocardiograph (ECG) (1- to 3-lead ECG)

Recommendation: Approve request for an extension until December 2025 (13 approve, 0 disapprove, 0 abstain, 1 recuse [Zhong])

P11073-10417

Health Informatics -- Device Interoperability -- Part 10417: Personal Health Device Communication -- Device Specialization - Glucose Meter

Recommendation: Approve request for an extension until December 2025 (13 approve, 0 disapprove, 0 abstain, 1 recuse [Zhong])

P11073-10419

Health Informatics -- Device Interoperability -- Part 10419: Personal Health Device Communication -- Device Specialization - Insulin Pump

Recommendation: Approve request for an extension until December 2025 (13 approve, 0 disapprove, 0 abstain, 1 recuse [Zhong])

P11073-10425

Health Informatics -- Device Interoperability -- Part 10425: Personal Health Device Communication -- Device Specialization -- Continuous Glucose Monitor (CGM)

Recommendation: Approve request for an extension until December 2025 (13 approve, 0 disapprove, 0 abstain, 1 recuse [Zhong])

P11073-10426

Health Informatics -- Device Interoperability -- Part 10426: Personal Health Device Communication -- Device Specialization - Home Healthcare Environment Ventilator

Recommendation: Approve request for an extension until December 2024 (13 approve, 0 disapprove, 0 abstain, 1 recuse [Zhong])

P11073-10442

Health Informatics -- Device Interoperability -- Part 10442: Personal Health Device Communication -- Device Specialization - Strength Fitness Equipment

Recommendation: Approve request for an extension until December 2025 (13 approve, 0 disapprove, 0 abstain, 1 recuse [Zhong])

P11073-10471

Health Informatics -- Device Interoperability -- Part 10471: Personal Health Device Communication -- Device Specialization--Independent Living Activity Hub

Recommendation: Approve request for an extension until December 2025 (13 approve, 0 disapprove, 0 abstain, 1 recuse [Zhong])

IEEE Engineering in Medicine and Biology Society/Standards Committee

P2725.1

Standard for Microwave Structural, Vascular or Functional Medical Imaging Device Safety

Recommendation: Approve request for an extension until December 2024

IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee

P3006.1

Recommended Practice for Reliability Planning and Design of Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2024

IEEE Power and Energy Society/Electric Machinery

P522

Guide for Testing Turn Insulation of Form-Wound Stator Coils for Alternating-Current Electric Machines

Recommendation: Approve request for an extension until December 2024

P1553

Standard for Voltage Endurance Testing of Form-Wound Coils and Bars for Hydrogenerators

Recommendation: Approve request for an extension until December 2023

P1665

Guide for the Rewind of Synchronous Generators, 50 Hz and 60 Hz, Rated 1 MVA and Above

Recommendation: Approve request for an extension until December 2023

IEEE Power and Energy Society/Energy Development & Power Generation

P421.5

Recommended Practice for Excitation System Models for Power System Stability Studies

Recommendation: Approve request for an extension until December 2024

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P1591.1

Standard for Testing and Performance of Hardware for Optical Ground Wire (OPGW)

Recommendation: Approve request for an extension until December 2023

P2658

Guide for Cybersecurity Testing in Electric Power Systems

Recommendation: Approve request for an extension until December 2024

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P2681

Guide for Testing Medium Voltage Smart Grid Sensor and Intelligent Electronic Device Systems

Recommendation: Approve request for an extension until December 2024

IEEE Power and Energy Society/Power System Relaying and Control

PC37.251

Standard for Common Protection and Control Settings or Configuration Data Format (COMSET)

Recommendation: Approve request for an extension until December 2023

IEEE Power and Energy Society/Substations

PC37.122.8

Guide for the Application of Mobile Gas-Insulated Substations Rated Above 52kV

Recommendation: Approve request for an extension until December 2025

IEEE Power and Energy Society/Transformers

PC57.100

Standard Test Procedure for the Thermal Evaluation of Insulation Systems for Liquid-Immersed Distribution, Power and Regulating Transformers

Recommendation: Approve request for an extension until December 2023

PC57.149

Guide for the Application and Interpretation of Frequency Response Analysis for Oil-Immersed Transformers

Recommendation: Approve request for an extension until December 2024

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P2752

Guide for Multi-Point Grounding System of Trains in Electrified Railway

Recommendation: Approve request for an extension until December 2024

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

P1547.2

Application Guide for IEEE Std 1547(TM), IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems

Recommendation: Approve request for an extension until December 2023

New PARs

IEEE Communications Society/Power Line Communications

P2897

Standard for Flexible Optical Service Unit (OSUFlex) of Passive Optical Network (PON) in Power Systems

Recommendation: Approve new PAR until December 2026

IEEE Computer Society/Artificial Intelligence Standards Committee

P3198

Standard for Evaluation Method of Machine Learning Fairness

Recommendation: Approve new PAR until December 2026

IEEE Computer Society/Blockchain and Distributed Ledgers

P3228

Standard for the Recurring Transactions Using Distributed Ledger Technologies (DLTs)

Recommendation: Approve new PAR until December 2026

IEEE Computer Society/Cloud Computing Standards Committee

P2303

Standard for Adaptive Management of Cloud Computing Environments

Recommendation: Approve new PAR until December 2026

IEEE Computer Society/Microprocessor Standards Committee

P1722.1-2021/Cor 1

Standard for Device Discovery, Connection Management, and Control Protocol for Time-Sensitive Networking System - Corrigendum 1 Technical and Editorial Corrections:

Recommendation: Approve new PAR until December 2026

IEEE Consumer Technology Society/Metaverse Standards Committee

P2048

Standard for Metaverse: Terminology, Definitions, and Taxonomy

Recommendation: Approve new PAR until December 2026

IEEE Consumer Technology Society/Smart Devices Standards Committee

P3322

Guide for Comfort Requirements for Extended Reality (XR) Devices

Recommendation: Approve new PAR until December 2026

P3323

Standard for Requirements and Evaluation Methods for Voice Interaction Capabilities of Smart Home Devices

Recommendation: Approve new PAR until December 2026

IEEE Power and Energy Society/Transmission and Distribution

P3196

Guide for Composite External Insulation Technology in Distribution Network (36 kV and below)

Recommendation: Approve new PAR until December 2026

IEEE Reliability Society/IEEE Reliability

P1856.1

Recommended Practice for Prognostics and Health Management Systems

Recommendation: Approve new PAR until December 2026

IEEE Signal Processing Society/Synthetic Aperture Standards Committee

P3199

Recommended Practice for Assessing Errors in Synthetic Aperture Sonar Due to Position Uncertainty

Recommendation: Approve new PAR until December 2026

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

P7016

Standard for Ethically Aligned Design and Operation of Metaverse Systems

Recommendation: Approve new PAR until December 2026

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P2846a

Standard for Assumptions in Safety-Related Models for Automated Driving Systems

Amendment: Additional scenarios and road users

Recommendation: Approve new PAR until December 2026

P3321

Recommended Practice for the Application of Assumptions on Reasonably Foreseeable Behavior of Other Road Users

Recommendation: Approve new PAR until December 2026

PARs for the Revision of Standards

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1566

Standard for Performance of Adjustable-Speed AC Drives Rated 375 kW and Larger

Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Nanotechnology Council/Standards Committee

P62659

Standard for Nanomanufacturing -- Large Scale Manufacturing for Nanoelectronics

Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Energy Development & Power Generation

P1827

Guide for Electrical and Control Design of Hydroelectric Water Conveyance Facilities

Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee

P1115

Recommended Practice for Sizing Nickel-Cadmium Batteries for Stationary Applications

Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Insulated Conductors

P1793

Guide for Planning and Designing Transition Facilities between Overhead and Underground Transmission Lines

Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Power System Relaying and Control

PC57.13.3

Guide for Grounding of Instrument Transformer Secondary Circuits and Cases

Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Surge Protective Devices Committee

PC62.92.3

Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part III -Generator Auxiliary Systems

Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Transmission and Distribution

P1159

Recommended Practice for Monitoring Electric Power Quality

Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Reliability Society/IEEE Reliability

P1633

Recommended Practice for Software Reliability

Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Vehicular Technology Society/Overhead Contact Systems

P1630

Standard for Supporting Structures for Overhead Contact Systems for Transit Systems

Recommendation: Approve PAR for the revision of a standard until December 2026

Standards Committee Change

Current Standards Committee for the following Standard: BOG/CAG; New Standards Committee: VT/CBTC&SIG

IEEE Std 2839-2021 'Recommended Practice for Vital Computer for Rail Safety-related Application'