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
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 1Technical 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'