

IEEE SA Standards Board New Standards Committee (NesCom) Recommendations

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee P11073-10103a

Health informatics - Device Interoperability - Part 10103: Implantable Device Communication -
Nomenclature - Implantable device, cardiac - Amendment 1: Additional definitions

Recommendation: Approve PAR withdrawal

P11073-20601a

Health Informatics - Personal Health Device Communication - Part 20601: Application Profile - Optimized
Exchange Protocol Amendment

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.11bb

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: Light Communications

Recommendation: Approve modified PAR

IEEE Computer Society/Software & Systems Engineering Standards Committee

P26531

Systems and Software Engineering - Content Management for Product Life Cycle, User, and Service Management
Information for Users

Recommendation: Approve modified PAR

IEEE Consumer Technology Society/Emerging Technology Standards Committee

P3141

Standard for 3D Body Processing

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Insulated Conductors

P82

Recommended Practice for Impulse Voltage Tests on Insulated Cables and Their Accessories

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Power System Relaying and Control

PC37.92

Standard for Low-Energy Analog Interfaces between Protective Relays and Power System Signal Sources

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Substations

P693a

Recommended Practice for Seismic Design of Substations

Amendment: Alterations of Transformers and Select Appendages, Surge Arresters, Response Spectra, Time
Histories, and Their Qualification Methodologies

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Transformers

PC57.12.52

Standard for Sealed Dry-Type Distribution and Power Transformers

Recommendation: Approve modified PAR

IEEE Sensors Council/Standards Committee

P2520

Guide for Testing Machine Olfaction Devices and Systems

Recommendation: Approve modified PAR

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P2846

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

Recommendation: Approve modified PAR (9 approve, 1 disapprove [Edwards], 1 abstain [Ulema])

Extension Requests

IEEE Consumer Technology Society/Blockchain Standards Committee

P2418.1

Standard for the Framework of Blockchain Use in Internet of Things (IoT)

Recommendation: Approve request for an extension until December 2023

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

P2770

60099-11 Surge Arresters - Part 11: Metal-Oxide Line Surge Arresters to Protect Power Line Insulation

Recommendation: Approve request for an extension until December 2024

New PARs

IEEE Computer Society/Artificial Intelligence Standards Committee

P3142

Recommended Practice on Distributed Training and Inference for Large-scale Deep Learning Models

Recommendation: Approve new PAR until December 2026

P3152

Standard for the Description of the Natural or Artificial Character of Intelligent Communicators

Recommendation: Approve new PAR until December 2026

P3156

Standard for Requirements of Privacy-preserving Computation Integrated Platforms

Recommendation: Approve new PAR until December 2026

IEEE Computer Society/Blockchain and Distributed Ledgers

P3222

Standard for the Reference Architecture of Blockchain as a Service Platform

Recommendation: Defer new PAR until the next NesCom meeting to allow time for continued discussion and clarification of the PAR (10 approve, 0 disapprove, 1 abstain [Wright]).

P3223

Standard for the Reference Architecture of Blockchain Fusion Server

Recommendation: Defer new PAR until the next NesCom meeting to allow time for continued discussion and clarification of the PAR (5 approve, 2 disapprove [Ulema, Wright], 3 abstain [Wang, Wei, Zhong]).

IEEE Computer Society/LAN/MAN Standards Committee

P802.1ASds

Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications

Amendment: Support for the IEEE Std 802.3 Clause 4 Media Access Control (MAC) operating in half-duplex

Recommendation: Approve new PAR until December 2026

P802.11-2020/Cor 1

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 - Corrigendum 1 - Correct IEEE 802.11ay Assignment of Protected Announce Support bit

Recommendation: Approve new PAR until December 2026

IEEE Computer Society/Smart Manufacturing Standards Committee

P3144

Standard for Digital Twin Maturity Model and Assessment Methodology in Industry

Recommendation: Approve new PAR until December 2026

P3145

Standard for General Technical Requirement of Auxiliary Warehouse in Smart Factory

Recommendation: Approve new PAR until December 2026

P3147

Recommended Practice for Variant Design of Electronics Production Line

Recommendation: Approve new PAR until December 2026

IEEE Computer Society/Standards Activities Board

P2807.5

Guide for Medical Clinical Diagnosis and Treatment Oriented Knowledge Graphs

Recommendation: Approve new PAR until December 2026

P3079.2.1

Standard for a Basic Framework for Motion Training Systems

Recommendation: Approve new PAR until December 2026

P3154

Recommended Practice for the Application of Knowledge Graphs for Talent Services

Recommendation: Approve new PAR until December 2026

IEEE Engineering in Medicine and Biology Society/Standards Committee

P3151

Standard for Spray-On Surface Antimicrobial Coatings Test Methodology

Recommendation: Approve new PAR until December 2026

IEEE Industry Applications Society/Petroleum & Chemical Industry

P80005-1b

International Standard - Utility connections in port - Part 1: High voltage shore connection (HVSC) systems - General requirements

Amendment: Annex G Additional Requirements for Vehicle Carriers

Recommendation: Approve new PAR until December 2026

IEEE Nanotechnology Council/Standards Committee

P3155

Standard for Programmable Quantum Simulator

Recommendation: Approve new PAR until December 2026

IEEE Power and Energy Society/Electric Machinery

P3149

Trial Use Guide for Dissection Techniques of Form Wound Stator Coils and Bars

Recommendation: Approve new PAR until December 2026

IEEE Power and Energy Society/Insulated Conductors

P3148

Guide for Field Detection of Metallic Sheath Current of Single-conductor Shielded and Cross-linked Polyethylene (XLPE) Insulated Alternating Current (AC) Cable

Recommendation: Approve new PAR until December 2026

P3150

Guide for Testing the Semi-Conductive Water Blocking Tape in Cross-Linked Polyethylene Insulated Alternating-Current Power Cables

Recommendation: Approve new PAR until December 2026

IEEE Power and Energy Society/Transformers

P1276a

Guide for the Application of High-Temperature Insulation Materials in Liquid-Immersed Distribution, Power, and Regulating Transformers

Amendment: Updates to Annex B and corresponding references in Annex D

Recommendation: Approve new PAR until December 2026

PC57.12.53

Guide for Mitigating Corrosion on Subsurface Transformers and Network Protectors

Recommendation: Approve new PAR until December 2026

IEEE Robotics and Automation Society/Standing Committee for Standards

P3140

Standard for Semantic Maps for Autonomous Robots

Recommendation: Approve new PAR until December 2026

IEEE SA Board of Governors/Strategic and Emerging Standards Committee

P3400

Standard for Use of Inclusive Language in Technical Terminology and Communications

Recommendation: Approve new PAR until December 2026

PARs for the Revision of Standards

IEEE Aerospace and Electronic Systems Society/Radar Systems Panel

P686

Standard for Radar Definitions

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

IEEE Computer Society/Software & Systems Engineering Standards Committee

P730

Standard for Software Quality Assurance Processes

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

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

P11073-10103

Health Informatics - Point-of-care Medical Device Communication Part 10103: Nomenclature - Implantable Device, Cardiac

Recommendation: Approve PAR for the revision of a standard until December 2026 (9 approve, 0 disapprove, 0 abstain, 1 recuse)

P11073-10427

Health Informatics - Device Interoperability - Part 10427: Personal Health Device Communication - Device Specialization - Power Status Monitor of Personal Health Devices

Recommendation: Approve PAR for the revision of a standard until December 2026 (9 approve, 0 disapprove, 0 abstain, 1 recuse)

P11073-20601

Health Informatics - Device Interoperability - Part 20601: Personal Health Device Communication - Application Profile - Optimized Exchange Protocol

Recommendation: Approve PAR for the revision of a standard until December 2026 (9 approve, 0 disapprove, 0 abstain, 1 recuse)

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

P3004.8

Recommended Practice for Motor Protection in Industrial and Commercial Power Systems

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

IEEE Power and Energy Society/Electric Machinery

P1310

Recommended Practice for Thermal Cycle Testing of Form-Wound Stator Bars and Coils for Large Rotating Machines

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

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

PC62.11

Standard for Metal-Oxide Surge Arresters for AC Power Circuits (>1 kV)

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

IEEE Power and Energy Society/Switchgear

PC37.14

Standard for DC (3200 V and below) Power Circuit Breakers Used in Enclosures

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

IEEE Power and Energy Society/Transformers

PC57.12.01

Standard for General Requirements for Dry-Type Distribution and Power Transformers

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

PC57.12.91

Standard Test Code for Dry-Type Distribution and Power Transformers

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

PC57.94

Recommended Practice for Installation, Application, Operation, and Maintenance of Dry-Type Distribution and Power Transformers

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

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

P260.3

American National Standard Mathematical Signs and Symbols for Use in Physical Sciences and Technology

Recommendation: Approve PAR for the revision of a standard until December 2026 (9 approve, 0 disapprove, 1 abstain [Edwards])