

IEEE SA Standards Board New Standards Committee (NesCom) Recommendations

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.11

Standard for Wireless Access in Vehicular Environments (WAVE) -- Over-the-Air Electronic Payment Data Exchange Protocol for Intelligent Transportation Systems (ITS)

Recommendation: Approve PAR withdrawal

IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety

P62704-1a

IEC/IEEE International Standard for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz. Part 1: General Requirements for using the Finite Difference Time Domain (FDTD) Method for SAR Calculations

Amendment 1 Extension of the SAR Spatial Averaging Algorithm for Equivalence to the Procedure Defined in the IEEE 1528 and IEC 62209-1 Standards

Recommendation: Approve PAR withdrawal

Modified PARs

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

P11073-20601a

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

Recommendation: Approve modified PAR (7 approve, 0 disapprove, 1 recuse [Zhong])

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1017.1

Recommended Practice for Testing Electric Submersible Pump Cable

Recommendation: Approve modified PAR

P1017.2

Recommended Practice for Specifying Electric Submersible Pump Cable--Ethylene-Propylene Rubber Insulation

Recommendation: Approve modified PAR

P1017.3

Recommended Practice for Specifying Electric Submersible Pump Cable--Polypropylene Insulation

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Switchgear

PC37.20.3

Standard for Metal-Enclosed Interrupter Switchgear Rated above 1 kV ac up to and Including 48.3 kV ac

Recommendation: Approve modified PAR

PC37.301

Standard for High-Voltage Switchgear (above 1000 V) Test Techniques--Partial Discharge Measurements

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Transformers

PC57.162

Guide for the Interpretation of Moisture Related Parameters in Liquid Immersed Transformers and Reactors

Recommendation: Approve modified PAR (7 approve, 0 disapprove, 1 abstain [Winston])

Extension Requests

IEEE Power and Energy Society/Power System Relaying and Control

PC37.108

Guide for the Protection of Secondary Network Systems

Recommendation: Approve request for an extension until December 2021

New PARs

IEEE Communications Society/Access and Core Networks Standards Committee

P1936.2

Photogrammetric Technical Standard of Civil Light and Small Unmanned Aircraft Systems for Overhead Transmission Line Engineering

Recommendation: Approve new PAR with the additional text in the scope discussed during the NesCom meeting until December 2025 (5 approve, 2 disapprove [Kulick, Winston], 0 abstain)

IEEE Computational Intelligence Society/Standards Committee

P2976

Standard for XAI – eXplainable Artificial Intelligence - for Achieving Clarity and Interoperability of AI Systems Design

Recommendation: Approve new PAR until December 2025

P2983

Standard for Video Games Vocabulary

Recommendation: Approve new PAR until December 2025

IEEE Computer Society/Cybersecurity and Privacy Standards Committee

P2978

Standard for Quantum Risk Management for the Board of Directors

Recommendation: Defer new PAR to the next NesCom meeting due to lack of response to NesCom comments.

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AS-2020/Cor 1

Standard for Local and Metropolitan Area Networks--Timing and Synchronization for Time-Sensitive Applications - Corrigendum 1 Technical and Editorial Corrections:

Recommendation: Approve new PAR until December 2025

P802.11bh

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: Operation with Randomized and Changing MAC Addresses

Recommendation: Approve new PAR until December 2025

P802.11bi

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: Enhanced Service with Data Privacy Protection

Recommendation: Approve new PAR until December 2025

IEEE Computer Society/Learning Technology

P2955

Recommended Practice for Creating Self Learning Tutorials and Side by Side Learning

Recommendation: Approve new PAR until December 2025

IEEE Computer Society/Smart Manufacturing Standards Committee

P2972

Standard for General Requirements of Gateway Supporting Time Sensitive Networking in Factory Environments

Recommendation: Defer new PAR until the next NesCom meeting to allow time for continued coordination with IEEE 802.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P24748-9

Systems and software engineering – Part 9: Application of system and software life cycle processes in epidemic prevention and control systems

Recommendation: Approve new PAR until December 2025

IEEE Consumer Technology Society/Blockchain Standards Committee

P2147.1

Standard for Requirements of Integrated Consortium Chain Station

Recommendation: Approve new PAR until December 2025 (6 approve, 0 disapprove, 1 abstain, [Hiertz])

IEEE Consumer Technology Society/Smart Devices Standards Committee

P2979

Standard for Edge Intelligent Terminal for Expressway Cooperative Transportation

Recommendation: Approve new PAR until December 2025

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

P11073-10429

Health Informatics -- Device Interoperability -- Part 10429: Personal Health Device Communication -- Device Specialization - Spirometry

Recommendation: Approve new PAR until December 2025 (6 approve, 0 disapprove, 1 recuse [Zhong])

IEEE Engineering in Medicine and Biology Society/Standards Committee

P2968.1

Trial Use Recommended Practice for Decentralized Clinical Trials Patient Safety

Recommendation: Approve new PAR until December 2025

P2968.2

Trial Use Recommended Practice for Decentralized Clinical Trials Threat Modeling, Cybersecurity, and Data Privacy

Recommendation: Approve new PAR until December 2025

IEEE Industry Applications Society/Petroleum & Chemical Industry

P2969

Guide for Continuous Thermal Monitoring of Switchgear and Motor Control Centers up to 52 kV

Recommendation: Approve new PAR until December 2025

P61886.3

Subsea Equipment – Part 3: Subsea Motors

Recommendation: Approve new PAR until December 2025

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

P2688

Recommended Practice for Energy Storage Management Systems in Energy Storage Applications

Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P2030.100.2

Guide for Securing Generic Object Oriented System Events (GOOSE) and Sampled Values (SV) Protocols of IEC 61850 using IEC 62351-6 and IEC 62351-9

Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P2985

Guide for Technology of Alternating Current Standard Signal Sources with Digital Output

Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Transformers

PC57.12.210

Recommended Practice for On-load Capacity Switching Distribution Transformers

Recommendation: Approve new PAR until December 2025

PC57.136

Guide for Audible Sound of Liquid-Immersed Power Transformers

Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Transmission and Distribution

P2981

Guide for Converter Station Fittings of Ultra-high Voltage (above or equal to 800 kV) Direct Current Power Transmission Projects

Recommendation: Approve new PAR until December 2025

P2984

Guide for Application of Direct Current (DC) Network Topology Protection in DC Distribution Grids

Recommendation: Approve new PAR until December 2025

IEEE SA Board of Governors/Corporate Advisory Group

P2977

MIPI Alliance Specification for A-PHY Interface (A-PHY) Version 1.0

Recommendation: Approve new PAR until December 2025

IEEE Vehicular Technology Society/High Speed Train and Maglev Standards Committee

P2965

Railway Applications - Electromagnetic Compatibility Train and Complete Vehicle Immunity Test

Recommendation: Approve new PAR until December 2025 (6 approve, 0 disapprove, 1 abstain)

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P2982

Millimeter-Wave Channel Sounder Verification

Recommendation: Approve new PAR until December 2025

PARs for the Revision of Standards

IEEE Computational Intelligence Society/Standards Committee

P1855

Standard for Fuzzy Markup Language

Recommendation: Approve PAR for the revision of a standard until December 2025

IEEE Computer Society/LAN/MAN Standards Committee

P802.1BA

Standard for Local and Metropolitan Area Networks--Audio Video Bridging (AVB) Systems

Recommendation: Approve PAR for the revision of a standard until December 2025

P802.11

Standard for Information Technology -- Telecommunications and Information Exchange Between Systems Local and Metropolitan Area Networks -- Specific Requirements - Part 11: Wireless Local Area Network (LAN) Medium Access Control (MAC) and Physical Layer (PHY) Specifications

Recommendation: Approve PAR for the revision of a standard until December 2025

IEEE Computer Society/Software & Systems Engineering Standards Committee

P828

Standard for Configuration Management in Systems and Software Engineering

Recommendation: Approve PAR for the revision of a standard until December 2025

P982.1

Standard for Measures of the Software Aspects of Dependability

Recommendation: Approve PAR for the revision of a standard until December 2025

IEEE Instrumentation and Measurement Society/TC10 - Waveform Generation Measurement and Analysis

P181

Standard for Transitions, Pulses, and Related Waveforms

Recommendation: Approve PAR for the revision of a standard until December 2025

P1696

Standard for Terminology and Test Methods for Circuit Probes

Recommendation: Approve PAR for the revision of a standard until December 2025

IEEE Power and Energy Society/Nuclear Power Engineering

P1786

Guide for Human Factors Applications of Computerized Operating Procedure Systems (COPS) at Nuclear Power Generating Stations and Other Nuclear Facilities

Recommendation: Approve PAR for the revision of a standard until December 2025

IEEE Power and Energy Society/Transformers

PC57.96

Guide for Loading Dry-Type Distribution and Power Transformers

Recommendation: Approve PAR for the revision of a standard until December 2025

IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety

P62704-4

IEC/IEEE International Standard - Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communication devices, 30 MHz to 6 GHz – Part 4: General requirements for using the finite element method for SAR calculations

Recommendation: Approve PAR for the revision of a standard until December 2025

Standards Committee Changes

P2950 'Electric Traction System for High Speed Electric Multiple Units (EMUs)'

Current Standards Committee: BOG/CAG; New Standards Committee: VT/HSTMSC

P2956 'Test Method for Surface Transfer Impedance of Shielded Power Cables and Connectors for Rail Vehicles'

Current Standards Committee: BOG/CAG; New Standards Committee: VT/HSTMSC