

IEEE SA Standards Board New Standards Committee (NesCom) Recommendations

[SASB approval date: 21-Sep-2023]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Computer Society/Standards Activities Board

P2850

Standard for an Architectural Framework for Intelligent Cities Operation System

Recommendation: Approve PAR withdrawal.

IEEE Consumer Technology Society/Blockchain Standards Committee

P2141.1

Standard for the Use of Blockchain in Anti-Corruption Applications for Centralized Organizations

Recommendation: Approve PAR withdrawal.

P2141.2

Standard for Transforming Enterprise Information Systems from Centralized Architecture into Blockchain-based Decentralized Architecture

Recommendation: Approve PAR withdrawal.

P2141.3

Standard for Transforming Enterprise Information Systems from Distributed Architecture into Blockchain-based Decentralized Architecture

Recommendation: Approve PAR withdrawal.

P2147.1

Standard for Requirements of Integrated Consortium Chain Station

Recommendation: Approve PAR withdrawal.

P2418.8

Standard for Blockchain Applications in Governments

Recommendation: Approve PAR withdrawal.

P2677.1

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Overarching Framework

Recommendation: Approve PAR withdrawal.

P2677.10

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Access to Personal Data

Recommendation: Approve PAR withdrawal.

P2677.11

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Access to Telecommunications Data

Recommendation: Approve PAR withdrawal.

P2677.12

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Access to Transportation Data

Recommendation: Approve PAR withdrawal.

P2677.20

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Requirements for Blockchain Infrastructure

Recommendation: Approve PAR withdrawal.

P2677.21

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Requirements for Peer-to-Peer Storage Infrastructure

Recommendation: Approve PAR withdrawal.

P2677.22

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Requirements for Grid Computing Infrastructure

Recommendation: Approve PAR withdrawal.

P2677.30

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Personal Application Programming Interface

Recommendation: Approve PAR withdrawal.

P2677.31

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Healthcare Application Programming Interface

Recommendation: Approve PAR withdrawal.

P2677.32

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Government Application Programming Interface

Recommendation: Approve PAR withdrawal.

IEEE Consumer Technology Society/Emerging Technology Standards Committee

P2040

Standard for General Requirements for Fully Automated Vehicles Driving on Public Roads

Recommendation: Approve PAR withdrawal.

P2040.1

Taxonomy and Definitions for Connected and Automated Vehicles

Recommendation: Approve PAR withdrawal.

P2040.2

Recommended Practice for Multi-Input Based Decision Making of Automated Vehicles Driving on Public Roads

Recommendation: Approve PAR withdrawal.

P2040.3

Recommended Practice for Permitting Automated Vehicles to Drive on Public Roads

Recommendation: Approve PAR withdrawal.

P2049.1

Standard for Human Augmentation: Taxonomy and Definitions

Recommendation: Approve PAR withdrawal.

P2049.2

Standard for Human Augmentation: Privacy and Security

Recommendation: Approve PAR withdrawal.

P2049.3

Standard for Human Augmentation: Identity

Recommendation: Approve PAR withdrawal.

P2049.4

Standard for Human Augmentation: Methodologies and Processes for Ethical Considerations

Recommendation: Approve PAR withdrawal.

P2788

Standard for Circulating Air Pressure Physiotherapy Equipment Used in the Home Healthcare Environment

Recommendation: Approve PAR withdrawal.

P2823

Standard for System Architecture and Technical Requirements for Smart Speakers

Recommendation: Approve PAR withdrawal.

P2876

Recommended Practice for Inclusion, Dignity and Privacy in Online Gaming

Recommendation: Approve PAR withdrawal.

P2886

Standard for General Requirements for Smart Residential Water Systems

Recommendation: Approve PAR withdrawal.

IEEE Power and Energy Society/Electric Machinery

P1776

Recommended Practice for Thermal Evaluation of Unsealed or Sealed Insulation Systems for AC Electric Machinery Employing Form-Wound Pre-Insulated Stator Coils for Machines Rated 15 000 V and Below

Recommendation: Approve PAR withdrawal.

IEEE Power and Energy Society/Transmission and Distribution

P1656

Guide for Testing the Electrical, Mechanical, and Durability Performance of Wildlife Protective Devices on Overhead Power Distribution Systems Rated up to 38 kV

Recommendation: Approve PAR withdrawal.

IEEE Vehicular Technology Society/Automated Vehicles Standards Committee

P2936

Standard for Test Methods of Automotive Lidar Performance

Recommendation: Approve PAR withdrawal.

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.13

Wireless Access in Vehicular Environments - Reliable Data Transport Mechanisms for Multiple Receivers

Recommendation: Approve PAR withdrawal.

P1609.20

Recommended practice for extending the functionality of IEEE Std 1609.2

Recommendation: Approve PAR withdrawal.

Modified PARs

IEEE Computer Society/LAN/MAN Standards Committee

P60802

Time-Sensitive Networking Profile for Industrial Automation

Recommendation: Approve modified PAR.

IEEE Computer Society/Microprocessor Standards Committee

P3120

Standard for Quantum Computing Architecture

Recommendation: Approve modified PAR.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P7003

Algorithmic Bias Considerations

Recommendation: Conditional approval, based on the response from the Standards Committee to NesCom member comments being added to item 8.1 on the PAR.

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P2717

Recommended Practice for Passive Intermodulation Test Methods for Wireless Systems in Low Noise Environments

Recommendation: Approve modified PAR.

IEEE Photonics Society/Standards Committee

P3111

Recommended Practice for Test and Inspection of Laser Devices Used for Remote Removal of Foreign Matter in Public Infrastructure Equipment

Recommendation: Approve modified PAR.

P3324

Guide for Blue-green Laser Communication System for Industrial Underwater Operations - Generic Specification

Recommendation: Approve modified PAR.

P3325

Guide for Industrial Ultraviolet (UV) Detection Equipment

Recommendation: Approve modified PAR.

IEEE Power and Energy Society/Insulated Conductors

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.

P1793

Guide for Planning, Design, and Installation of Transition Facilities between Overhead and Underground Transmission Lines

Recommendation: Approve modified PAR.

IEEE Power and Energy Society/Nuclear Power Engineering

P2421

Guide for Designing and Developing Computer-Based Displays for Monitoring and Control of Nuclear Facilities

Recommendation: Approve modified PAR.

IEEE SA Board of Governors/Distributed Generation, Energy Storage and Interoperability Standards Committee

P2030

Guide for Smart Grid Interoperability of Energy Technology and Information Technology Operation with the Electric Power System (EPS), End-Use Applications, and Loads

Recommendation: Approve modified PAR (Abstain=1 [Biyabani]).

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P3344

Standard for Scenario Representation for Autonomous Driving

Recommendation: Approve modified PAR.

Extension Requests

IEEE Computer Society/Artificial Intelligence Standards Committee

P2840

Standard for Responsible AI Licensing

Recommendation: Approve request for an extension until 31 December 2024.

IEEE Computer Society/LAN/MAN Standards Committee

P802.1DG

Time-Sensitive Networking Profile for Automotive In-Vehicle Ethernet Communications

Recommendation: Approve request for an extension until 31 December 2025.

P802.1Qdj

Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks

Amendment: Configuration Enhancements for Time-Sensitive Networking

Recommendation: Approve request for an extension until 31 December 2025.

P802.11be

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: Enhancements for Extremely High Throughput (EHT)

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Computer Society/Learning Technology

P2247.2

Interoperability Standards for Adaptive Instructional Systems (AISs)

Recommendation: Approve request for an extension until 31 December 2025.

P7004

Standard for Child and Student Data Governance

Recommendation: Approve request for an extension until 31 December 2025.

P9274.4.2

Recommended Practice for Cybersecurity in the Implementation of the Experience Application Programming Interface (xAPI)

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Computer Society/Simulation Interoperability Stds Organization/Stds Activity Committee

P1516

Standard for Modeling and Simulation (M&S) High Level Architecture (HLA)-- Framework and Rules

Recommendation: Approve request for an extension until 31 December 2024.

P1516.1

Standard for Modeling and Simulation (M&S) High Level Architecture (HLA)-- Federate Interface Specification

Recommendation: Approve request for an extension until 31 December 2024.

P1516.2

Standard for Modeling and Simulation (M&S) High Level Architecture (HLA)-- Object Model Template (OMT) Specification

Recommendation: Approve request for an extension until 31 December 2024.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P7003

Algorithmic Bias Considerations

Recommendation: Approve request for an extension until 31 December 2024.

IEEE Computer Society/Test Technology

P2427

Standard for Analog Defect Modeling and Coverage

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Education Society/Standards Committee

P2834

Standard for Secure and Trusted Learning Systems

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Engineering in Medicine and Biology Society/Standards Committee

P2933

Standard for Clinical Internet of Things (IoT) Data and Device Interoperability with TIPPSS - Trust, Identity, Privacy, Protection, Safety, Security

Recommendation: Approve request for an extension until 31 December 2025.

**IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee
P2023**

Standard for Digital Transformation Architecture and Framework

Recommendation: Approve request for an extension until 31 December 2024.

P2805.1

Self-Management Protocols for Edge Computing Node

Recommendation: Approve request for an extension until 31 December 2025.

P2805.2

Data acquisition, Filtering and buffering Protocols for Edge Computing Node

Recommendation: Approve request for an extension until 31 December 2025.

P2805.3

Cloud-Edge Collaboration Protocols for Machine Learning

Recommendation: Approve request for an extension until 31 December 2025.

P21451-1-6

Standard for a Smart Transducer Interface for Sensors, Actuators, and Devices - Message Queue Telemetry Transport (MQTT) for Networked Device Communication

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Industry Applications Society/Petroleum & Chemical Industry

P60079-30-1

International Standard - Explosive atmospheres -- Part 30-1: Electrical resistance trace heating -- General and testing requirements

Recommendation: Approve request for an extension until 31 December 2025.

P60079-30-2

International Standard for Explosive atmospheres -- Part 30-2: Electrical resistance trace heating -- Application guide for design, installation and maintenance

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.9

Standard for Tidal Turbine Health Monitoring System (HMS) with Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Power and Energy Society/Electric Machinery

PC50.13

Standard for 50 and 60 Hz Synchronous Generators for Non-Hydraulic Applications Rated 10 MVA and Above

Recommendation: Approve request for an extension until 31 December 2025.

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

P1679.4

Guide for the Characterization and Evaluation of Alkaline Batteries in Stationary Applications

Recommendation: Approve request for an extension until 31 December 2026.

IEEE Power and Energy Society/Nuclear Power Engineering

P317

Standard for Electric Penetration Assemblies in Containment Structures for Nuclear Power Generating Stations

Recommendation: Approve request for an extension until 31 December 2024.

P833

Recommended Practice for the Protection of Electric Equipment in Nuclear Power Generating Stations from Water Hazards

Recommendation: Approve request for an extension until 31 December 2024.

P1289

Guide for the Application of Human Factors Engineering in the Design of Computer-Based Monitoring and Control Displays for Nuclear Power Generating Stations and other Nuclear Facilities

Recommendation: Approve request for an extension until 31 December 2025.

P2425

Standard for Electromagnetic Compatibility Testing of Electrical and Instrumentation and Control Equipment at Nuclear Power Generating Stations and Other Nuclear Facilities

Recommendation: Approve request for an extension until 31 December 2025.

P63160

Nuclear Power Plants - Instrumentation, Control and Electrical Power Systems Important to Safety - Common Cause Failure Systems Analysis and Diversity

Recommendation: Approve request for an extension until 31 December 2027.

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P4.1

Guide for the Practical Implementation of IEEE Standard 4 on High-Voltage and High-Current Measurement Systems

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Power and Energy Society/Substations

P1240

Guide for the Evaluation of the Reliability of HVDC Converter Stations

Recommendation: Approve request for an extension until 31 December 2024.

P2825

Guide for Static Synchronous Series Compensator (SSSC) General Requirements and Test Methods

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Power and Energy Society/Transformers

PC57.13.9

Standard for Power-Line Carrier Coupling Capacitors and Coupling Capacitor Voltage Transformers

Recommendation: Approve request for an extension until 31 December 2024.

PC57.142

Guide to Describe the Occurrence and Mitigation of Switching Transients Induced by Transformers, Switching Device, and System Interaction

Recommendation: Approve request for an extension until 31 December 2025.

PC57.143

Guide for Application of Monitoring Equipment to Liquid-Immersed Transformers and Components

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Power and Energy Society/Transmission and Distribution

PC135.100

Standard for Line Hardware for Overhead Line Construction

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Reliability Society/IEEE Reliability

P7009

Standard for Fail-Safe Design of Autonomous and Semi-Autonomous Systems

Recommendation: Approve request for an extension until 31 December 2024.

IEEE Robotics and Automation Society/Standing Committee for Standards

P1872.1

Robot Task Representation

Recommendation: Approve request for an extension until 31 December 2024.

P2817

Guide for Verification of Autonomous Systems

Recommendation: Approve request for an extension until 31 December 2024.

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

P7012

Standard for Machine Readable Personal Privacy Terms

Recommendation: Approve request for an extension until 31 December 2024.

P7014

Standard for Ethical considerations in Emulated Empathy in Autonomous and Intelligent Systems

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Systems, Man, and Cybernetics Society/Standards Committee

P2814

Techno-economics Metrics Standard for Hybrid Energy and Storage Systems

Recommendation: Approve request for an extension until 31 December 2025.

IEEE Vehicular Technology Society/Communications Based Train Control and Signals

P1474.1

Standard for Communications-Based Train Control (CBTC) Performance and Functional Requirements

Recommendation: Approve request for an extension until 31 December 2025.

P1474.2

Standard for User Interface Requirements in Communications-Based Train Control (CBTC) Systems

Recommendation: Approve request for an extension until 31 December 2025.

P1474.3

Recommended Practice for Communications-Based Train Control (CBTC) System Design and Functional Allocations

Recommendation: Approve request for an extension until 31 December 2025.

**IEEE Vehicular Technology Society/Intelligent Transportation Systems
P1920.2**

Standard for Vehicle to Vehicle Communications for Unmanned Aircraft Systems

Recommendation: Approve request for an extension until 31 December 2025.

New PARs

**IEEE Broadcast Technology Society/Broadcast Technology Standards Committee
P3420**

Standard for Aggregated Content Delivery Link Protocol for Radio and Other Audio and Data Services

Recommendation: Approve new PAR until December 2027.

P3421

Recommended Practice on Spectrum Mask Measurement for Broadcast Transmissions

Recommendation: Approve new PAR until December 2027.

**IEEE Communications Society/Edge, Fog, Cloud Communications with IOT and Big Data
Standards Committee**

P1945

Standard for Internet of Things (IoT) Computing Edge Computing on Unmanned Aircraft Systems-PART 1
General Requirements

Recommendation: Approve new PAR until December 2027.

**IEEE Communications Society/Unmanned Aerial Vehicles Communications Standards Committee
P1937.13**

Standard for Taxonomy and associated requirements for Unmanned Aircraft System's autonomy levels

Recommendation: Approve new PAR until December 2027.

P1937.15

Standard for Communication Security Requirements for Drone Formation Flying Light Show

Recommendation: Approve new PAR until December 2027.

P1937.16

Standard for Civil Unmanned Aerial Systems (UAS) Cybersecurity Framework

Recommendation: Approve new PAR until December 2027.

P1937.17

Standard for specifications for lithium ion cells and batteries used in Unmanned Aircraft □
Systems (UAS)

Recommendation: Approve new PAR until December 2027.

P1937.18

Charger Used in Unmanned Aircraft Systems - Technical Specification

Recommendation: Approve new PAR until December 2027.

IEEE Computer Society/Artificial Intelligence Standards Committee

P3394

Standard for Large Language Model Agent Interface

Recommendation: Approve new PAR until December 2027.

P3395

Standard for the Implementation of Safeguards, Controls, and Preventive Techniques for Artificial Intelligence
(AI) Models

Recommendation: Approve new PAR until December 2027.

P3396

Recommended Practice for Defining and Evaluating Artificial Intelligence (AI) Risk, Safety, Trustworthiness, and
Responsibility

Recommendation: Approve new PAR until December 2027.

P3398

Recommended Practice for Generative Pre-trained Transformer Empowered Software Engineering Life Cycle

Recommendation: Approve new PAR until December 2027.

P3403

Recommended Practice on Data Processing for Training Large Language Models

Recommendation: Approve new PAR until December 2027.

P3410

Guide for Large Scale Financial Risk Models

Recommendation: Approve new PAR until December 2027.

P3417

Standard for Requirements of Differential Privacy-based Personal Information Protection

Recommendation: Approve new PAR until December 2027.

P3419

Standard for Large Language Model Evaluation

Recommendation: Approve new PAR until December 2027.

IEEE Computer Society/Cybersecurity and Privacy Standards Committee

P3406

Standard for a Purge and Destruct Sanitization Framework

Recommendation: Approve new PAR until December 2027.

P3409

Standard for a Zero Trust Security Framework

Recommendation: Approve new PAR until December 2027.

IEEE Computer Society/Data Compression Standards Committee

P3161.2

Standard for End Subsystem of Digital Retina Systems

Recommendation: Approve new PAR until December 2027.

P3161.3

Standard for Edge Subsystem of Digital Retina Systems

Recommendation: Approve new PAR until December 2027.

P3161.4

Standard for Cloud Subsystem of Digital Retina Systems

Recommendation: Approve new PAR until December 2027.

P3161.8

Standard for Security and Privacy Protection of Digital Retina Systems

Recommendation: Approve new PAR until December 2027.

P3404

Standard for Requirements and Framework for Sharing Data and Models for Artificial Intelligence across Multiple Computing Centers

Recommendation: Approve new PAR until December 2027.

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Qdy

IEEE Standard for Local and Metropolitan Area Networks - Bridges and Bridged Networks -Amendment: YANG for the Multiple Spanning Tree Protocol

Recommendation: Approve new PAR until December 2027.

P802.11bn

IEEE 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: Enhancements for Ultra High Reliability

Recommendation: Approve new PAR until December 2027.

P802.11-2020/Cor 2

IEEE 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 2 Correct the Number Assignment of the Information Identifier (ID) for Enhanced Broadcast Services (EBCS) element of the Access Network Query Protocol (ANQP):

Recommendation: Approve new PAR until December 2027.

IEEE Computer Society/Online Gaming Standards Committee

P3391

Standard for Technical Requirements for Mobile Game Quality

Recommendation: Approve new PAR until December 2027.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P3407

Standard for End-to-End Software Testing Automation Tools

Recommendation: Approve new PAR until December 2027.

IEEE Computer Society/Standards Activities Board

P3422

Recommended Practice for Metaverse Ecosystem Reference Models

Recommendation: Approve new PAR until December 2027.

IEEE Computer Society/Test Technology

P3405

Standard for Chiplet Interconnect Test and Repair

Recommendation: Approve new PAR until December 2027.

IEEE Consumer Technology Society/Smart Devices Standards Committee

P3402

Standard for Technical Requirements of AI-based Driver Behavior Detection Systems

Recommendation: Approve new PAR until December 2027.

P3408

Standard for Security Specifications for Wearable Devices Supporting Payment Services

Recommendation: Approve new PAR until December 2027.

P3414

Standard for Ergonomics Assessment and Technical Specification for Vehicle Displays

Recommendation: Approve new PAR until December 2027.

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1848.1

Standard for Techniques & Measures to Manage Functional Safety and Other Risks With Regard to Electromagnetic Disturbances – Machinery Sector

Recommendation: Approve new PAR until December 2027.

IEEE Engineering in Medicine and Biology Society/Standards Committee

P3386

Standard for Defining and Inferring User Accessibility Needs for Applications including Augmented Reality and Artificial Intelligence Systems

Recommendation: Approve new PAR until December 2027.

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

P3005.2

Recommended Practice for Application of Generator Systems for Emergency and Standby Power in Industrial and Commercial Power Systems.

Recommendation: Approve new PAR until December 2027.

IEEE Power and Energy Society/Insulated Conductors

P2776

Guide for Specifying and Selecting Cables for Nuclear Facilities

Recommendation: Approve new PAR until December 2027.

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P3415

Guide for Sampling Evaluation of the State of Operating Electrical Energy Meters

Recommendation: Approve new PAR until December 2027.

IEEE Power and Energy Society/Transmission and Distribution

P3418

Guide for the Selection of Permanent Grounding Components for Overhead Transmission Lines

Recommendation: Approve new PAR until December 2027.

IEEE Power Electronics Society/Standards Committee

P3380

Recommended Practice for System Stability of AC Power Converters in Data Centers

Recommendation: Approve new PAR until December 2027.

IEEE SA Board of Governors/Corporate Advisory Group

P3411

Standard for Smart Identification in Internet of Things

Recommendation: Approve new PAR until December 2027.

P3416

Guide for Test Sets and Tools for Testing Protective Relays

Recommendation: Approve new PAR until December 2027.

IEEE Signal Processing Society/Synthetic Aperture Standards Committee

P3397

Standard for Synthetic Aperture Radar (SAR) Image Quality Metrics

Recommendation: Approve new PAR until December 2027.

P3399

Standard for Performance Metrics for Automotive Synthetic Aperture Radar (SAR)

Recommendation: Approve new PAR until December 2027.

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

P7803

Recommended Practice for Inclusive Sustainable Smart Cities

Recommendation: Approve new PAR until December 2027.

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.3-2020/Cor 1

IEEE Standard for Wireless Access in Vehicular Environments (WAVE)--Networking Services - Corrigendum 1WSA Security Profiles Updates

Recommendation: Approve new PAR until December 2027.

P3412

Standard for Autonomous Driving Architecture (ADA)

Recommendation: Approve new PAR until December 2027.

IEEE Vehicular Technology Society/Traction Power Systems Standards Committee

P3393

Recommended Practice on the Application of IEEE Std 1653.2, Standard for Uncontrolled Traction Power Rectifiers for Substation Applications up to 1500 V DC Nominal Output, to Power Components other than Rectifiers

Recommendation: Approve new PAR until December 2027.

PARs for the Revision of Standards

IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

P836

Recommended Practice for Precision Centrifuge Testing of Linear Accelerometers

Recommendation: Approve PAR for the revision of a standard until December 2027.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P12207

Systems and software engineering -- Software life cycle processes

Recommendation: Approve PAR for the revision of a standard until December 2027.

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1242

Guide for Specifying and Selecting Power, Control, and Special-Purpose Cable for Petroleum and Chemical Plants

Recommendation: Approve PAR for the revision of a standard until December 2027.

IEEE Power and Energy Society/Insulated Conductors

P400.4

Guide for Field Testing of Shielded Power Cable Systems Rated 5 kV and Above with Damped Alternating Current (DAC) Voltage

Recommendation: Approve PAR for the revision of a standard until December 2027.

IEEE Power and Energy Society/Nuclear Power Engineering

P628

Standard Criteria for the Design, Installation, and Qualification of Raceway Systems for Class 1E Circuits for Nuclear Power Generating Stations

Recommendation: Defer consideration of P628 to the October 2023 NesCom agenda to allow time for the PAR submitters to adequately review NesCom member comments and consider updates to the PAR.

P690

Standard for Design and Installation of Cable Systems for Class 1E Circuits in Nuclear facilities

Recommendation: Approve PAR for the revision of a standard until December 2027.

P60780-323

IEC/IEEE International Standard - Nuclear facilities -- Electrical equipment important to safety -- Qualification

Recommendation: Approve PAR for the revision of a standard until December 2027.

IEEE Vehicular Technology Society/Communications Based Train Control and Signals

P1474.4

Recommended Practice for Functional Testing of a Communications-Based Train Control (CBTC) System

Recommendation: Approve PAR for the revision of a standard until December 2027.

**IEEE SA STANDARDS BOARD
NESCOM RECOMMENDATIONS
20 SEPTEMBER 2023**

Consent Agenda Approval

Item 2.1.2 Project Number Change Requests

NesCom approved the following project number request for IEEE Computer Society/Software & Systems Engineering Standards Committee (C/S2ESC) to change P982.1 to **P982** Title: Standard for Measures of the Software Aspects of Dependability

NesCom approved the following project number request for IEEE Electromagnetic Compatibility Society/Standards Development Committee (EMC/SDCom) to change P2710 to **P299.3** Title: Recommended Practice for Techniques to Evaluate the Performance of Enclosures and Other Methods for Electromagnetically Shielding Portable Electronic Devices

Item 2.1.3 Standards Committee Transfer

NesCom approved the following Standards to be transferred from BOG/CAG to PES Switchgear:

1. IEEE 1860-2014 Guide for Voltage Regulation and Reactive Power Compensation at 1000 kV AC and Above
2. IEEE 1861-2014 Guide for On-site Acceptance Tests of Electrical Equipment and System Commissioning of 1000 kV AC and Above
3. IEEE 1862-2014 Recommended Practice for Overvoltage and Insulation Coordination of Transmission Systems at 1000kV AC and Above

NesCom approved the following Standards and PARs to be transferred from C/PASC (Portable Applications Standards Committee) to C/MSC (Microprocessor Standards Committee):

Active Standards:

1003.1-2017 Standard for Information Technology – Portable Operating System Interface (POSIX)

Active PARs:

P1003.1 Standard for Information Technology – Portable Operating System Interface (POSIX) Base Specifications, Issue 8