

NesCom Recommendations

## IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations

[All votes unanimous unless noted otherwise.]

### Withdrawal Requests

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

#### **P2550**

Standard for Remote Monitoring of a Neonate and the Mother Post-Partum in a Non-Clinical Healthcare Setting

**Recommendation: Approve PAR withdrawal**

*IEEE Electromagnetic Compatibility Society/Standards Development Committee*

#### **P2667**

Recommended Practice for an Electromagnetic Immunity Site Survey

**Recommendation: Approve PAR withdrawal**

*IEEE Industry Applications Society/Petroleum & Chemical Industry*

#### **P844.5**

Recommended Practice for the Design, Installation, Testing, Commissioning and Maintenance of Induction Heating Systems for Pipelines, Vessels, Equipment, Structures and Induction Susceptor Heating Furnaces

**Recommendation: Approve PAR withdrawal**

### Modified PARs

*IEEE Computer Society/LAN/MAN Standards Committee*

#### **P802.3cn**

Standard for Ethernet

Amendment: Physical Layers and Management Parameters for 50 Gb/s, 200 Gb/s, and 400 Gb/s Operation over Single-Mode Fiber

**Recommendation: Approve modified PAR (8 approve, 1 recuse [Law])**

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

#### **P2730**

Standard for Terms, Definitions, and Classification of Medical Electrical Equipment/Systems Employing Robotic Technology

**Recommendation: Approve modified PAR**

*IEEE Power and Energy Society/Energy Development & Power Generation*

#### **P421.5**

Recommended Practice for Excitation System Models for Power System Stability Studies

***Recommendation: Approve modified PAR***

*IEEE Power and Energy Society/Insulated Conductors*

**P2740**

Guide for the Selection and Installation of Electrical Cables and Systems in Hazardous (Classified) Locations on Oil & Gas Land Drilling Rigs

***Recommendation: Approve modified PAR***

*IEEE Power and Energy Society/Transformers*

**PC57.104**

Guide for the Interpretation of Gases Generated in Oil-Immersed Transformers

***Recommendation: Approve modified PAR***

**Extension Requests**

*IEEE Computer Society/Cloud Computing Standards Committee*

**P2301**

Guide for Cloud Portability and Interoperability Profiles (CPIP)

***Recommendation: Approve request for an extension until December 2019***

**New PARs**

*IEEE Computer Society/Cybersecurity and Privacy Standards Committee*

**P2803**

Cloud Data Centers Architecture Design Security for Interoperability

***Recommendation: Postpone discussion of new PAR until March 2019 NesCom meeting due to lack of Standards Committee authorization***

*IEEE Computer Society/Design Automation*

**P2804**

Software-Hardware Interface for Multi-Many-Core

***Recommendation: Approve new PAR until December 2023***

*IEEE Computer Society/LAN/MAN Standards Committee*

**P802.1CMde**

Standard for Local and metropolitan area networks -- Time-Sensitive Networking for Fronthaul

Amendment: Enhancements to Fronthaul Profiles to Support New Fronthaul Interface, Synchronization, and Synchronization Standards

***Recommendation: Approve new PAR until December 2023***

**P802.1DF**

Time-Sensitive Networking Profile for Service Provider Networks

***Recommendation: Approve new PAR until December 2023***

**P802.1DG**

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

**Recommendation: Approve new PAR until December 2023**

**P802.3ct**

Standard for Ethernet

Amendment: Physical Layers and Management Parameters for 100 Gb/s and 400 Gb/s Operation over DWDM (dense wavelength division multiplexing) systems

**Recommendation: Approve new PAR until December 2023 (8 approve, 1 recuse [Law])**

*IEEE Computer Society/Standards Activities Board*

**P2806**

The Framework for Digital Representation of Physical Object in the Factory

**Recommendation: Postpone discussion of new PAR until March 2019 NesCom meeting due to lack of Standards Committee authorization**

**P2807**

Framework of Knowledge Graph

**Recommendation: Postpone discussion of new PAR until March 2019 NesCom meeting due to lack of Standards Committee authorization**

*IEEE Communications Society/Access and Core Networks Standards Committee*

**P1939.1**

Standard for a Framework for Structuring Low Altitude Airspace for Unmanned Aerial Vehicle (UAV) Operations

**Recommendation: Approve new PAR until December 2023**

*IEEE Communications Society/Virtualized and Software Defined Networks, and Services Standards Committee*

**P1938.1**

Standard for Software Defined Protocol and Functional Requirements for Improvement of the Signal-to-Noise Ratio (SNR) in Communications Channels

**Recommendation: Approve new PAR until December 2023**

*IEEE Geoscience and Remote Sensing Society/Standards Committee*

**P4003**

Standard for Global Navigation Satellite System-Reflectometry (GNSS-R) Data and Metadata Content

**Recommendation: Approve new PAR until December 2023**

**P4004**

Standard for Calibration of Microwave Radiometers in the 300 MHz to 1 THz Frequency Range for Geoscience Applications

**Recommendation: Approve new PAR until December 2023**

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

**P2805.1**

Self-Management Protocols for Edge Computing Node

**Recommendation: Approve new PAR until December 2023**

**P2805.2**

Data acquisition, Filtering and buffering Protocols for Edge Computing Node

**Recommendation: Approve new PAR until December 2023**

**P2805.3**

Cloud-Edge Collaboration Protocols for Machine Learning

**Recommendation: Approve new PAR until December 2023**

*IEEE Power and Energy Society/Insulated Conductors*

**P48404.2**

Standard for Terminations and Joints for Extruded and Laminar Dielectric Shielded Cables Rated 69 kV through 500 kV

**Recommendation: Conditionally approve new PAR until December 2023; contingent upon the Purpose on the PAR being changed per the email from the Standards Committee Chair**

**NB: The condition has been met.**

*IEEE Power and Energy Society/Power System Relaying and Control*

**PC37.252**

Guide for Testing Automatic Voltage Control Systems in Regional Power Grids

**Recommendation: Approve new PAR until December 2023**

*IEEE Power and Energy Society/Switchgear*

**PC37.20.1a**

Standard for Metal-Enclosed Low-Voltage (1000 Vac and below, 3200 Vdc and below) Power Circuit Breaker Switchgear  
Amendment 1: Control and secondary circuits and devices, and all wiring

**Recommendation: Approve new PAR until December 2023**

**PC37.20.2a**

Standard for Metal-Clad Switchgear

Amendment a: Control and secondary circuits and devices, and all wiring

**Recommendation: Approve new PAR until December 2023**

**PC37.21a**

Standard for Control Switchboards

Amendment a: Control and secondary circuits and devices, and all wiring

**Recommendation: Approve new PAR until December 2023**

**PC37.100.6**

Guide for Determination of Test Specimens for Seismic Qualification for Building Code Applications

**Recommendation: Approve new PAR until December 2023**

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

**P62209-3**

Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 3: Vector probe systems (Frequency range of 100 MHz to 6 GHz)

**Recommendation: Approve new PAR until December 2023**

## PARs for the Revision of Standards

*IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel*

### **P952**

Standard Specification Format Guide and Test Procedure for Single-Axis Interferometric Fiber Optic Gyros

**Recommendation:** *Conditionally approve PAR for the revision of a standard until December 2023; contingent upon the Scope on the PAR being changed to reflect the Scope noted in email from the Standards Committee Chair*

**NB:** *The condition has been met.*

*IEEE Computer Society/Software & Systems Engineering Standards Committee*

### **P29119-1**

ISO/IEC/IEEE International Standard - Software and systems engineering --Software testing --Part 1:Concepts and definitions

**Recommendation:** *Approve PAR for the revision of a standard until December 2023*

### **P29119-2**

ISO/IEC/IEEE International Standard - Software and systems engineering --Software testing --Part 2:Test processes

**Recommendation:** *Approve PAR for the revision of a standard until December 2023*

### **P29119-3**

ISO/IEC/IEEE International Standard - Software and systems engineering -- Software testing --Part 3: Test documentation

**Recommendation:** *Approve PAR for the revision of a standard until December 2023*

### **P29119-4**

ISO/IEC/IEEE International Standard - Software and systems engineering--Software testing--Part 4: Test techniques

**Recommendation:** *Approve PAR for the revision of a standard until December 2023*

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

### **P11073-10420**

Health informatics -- Personal health device communication Part 10420: Device specialization -- Body composition analyzer

**Recommendation:** *Approve PAR for the revision of a standard until December 2023*

### **P11073-10421**

Health informatics--Personal health device communication Part 10421: Device specialization--Peak expiratory flow monitor (peak flow)

**Recommendation:** *Approve PAR for the revision of a standard until December 2023*

### **P11073-10441**

Health Informatics--Personal health device communication Part 10441: Device specialization--Cardiovascular fitness and activity monitor

**Recommendation:** *Approve PAR for the revision of a standard until December 2023*

### **P11073-10472**

Health informatics--Personal health device communication--Part 10472: Device specialization--Medication monitor

**Recommendation:** *Approve PAR for the revision of a standard until December 2023*

*IEEE Power and Energy Society/Insulated Conductors*

**P1428**

Guide for Installation Methods for Fiber Optic Cables in Power Generating Stations and in Industrial Facilities

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**P1717**

Standard for Testing Fire-Resistive, Circuit Integrity Cables and Cable Systems Using a Hydrocarbon Pool Fire Test Protocol

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Power System Communications and Cybersecurity*

**P1222**

Standard for Testing and Performance for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable for Use on Electric Utility Power Lines

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Surge Protective Devices/Low Voltage*

**PC62.31**

Standard for Test Methods and Preferred Values for Low-Voltage Gas Discharge Tube Surge-Protective Components

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Switchgear*

**PC37.11**

Standard Requirements for Electrical Control for AC High-Voltage (>1000 V) Circuit Breakers

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**PC37.017**

Standard for Bushings for High-Voltage [over 1000 V (ac)] Circuit Breakers and Gas-Insulated Switchgear

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Transformers*

**PC57.12.20**

Standard for Overhead-Type Distribution Transformers 500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 7970/13 800Y V and Below

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**PC57.12.24**

Standard for Submersible, Three-Phase Transformers, 3750 kVA and Smaller: High Voltage, 34 500 GrdY/19 920 Volts and Below; Low Voltage, 600 Volts and Below

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**PC57.12.30**

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

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**PC57.12.31**

Standard for Pole-Mounted Equipment--Enclosure Integrity

*Recommendation: Approve PAR for the revision of a standard until December 2023*

---

STANDARDS COMMITTEE CHANGE REQUEST

**P2140.1** Current Sponsor: CES/SC; New Sponsor: CES/BSC