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 Syntonization 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

PC37.22a
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
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
Recommendation: Approve PAR for the revision of a standard until December 2023

P29119-2
Recommendation: Approve PAR for the revision of a standard until December 2023

P29119-3
Recommendation: Approve PAR for the revision of a standard until December 2023

P29119-4
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 (>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
STANDARDS COMMITTEE CHANGE REQUEST

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