

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

09 September 2011 [SASB approved: 10 September 2011]

NesCom submits the following recommendations to the IEEE-SA Board. Except where noted, all votes were unanimous.

Withdrawal Requests

IEEE Computer Society/LAN/MAN Standards Committee

802.1Qbh

Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area Networks Amendment: Bridge Port Extension

Recommendation: Approve PAR withdrawal

802.15.4-2006/Cor 1

IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 15.4: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Low Rate Wireless Personal Area Networks (WPANs) - Corrigendum 1

Recommendation: Approve PAR withdrawal

802.23

Standard for Local and Metropolitan Area Networks- Emergency Services for Internet Protocol (IP) Based Citizen to Authority Communications

Recommendation: Approve PAR withdrawal

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1512.4

Standard for Common Traffic Incident Management Message Sets for Use in Entities External to Centers

Recommendation: Defer PAR withdrawal until the October Continuous Processing meeting due to lack of response to comments

Modified PARs

IEEE Computer Society/Software & Systems Engineering Standards Committee

P730

Standard for Software Quality Assurance Processes

Recommendation: Approve modified PAR**P828**

Standard for Configuration Management in System and Software Engineering

Recommendation: Approve modified PAR

P1490

Guide - Adoption of the Project Management Institute (PMI) Standard, A Guide to the Project Management Body of Knowledge (PMBOK Guide) -- Fourth Edition

Recommendation: Approve modified PAR

P15289

Standard Software and Systems Engineering -- Content of life-cycle information products (documentation)

Recommendation: Approve modified PAR

P24748-4

Standard for Systems and Software Engineering -- Life Cycle Management -- Part 4: Systems Engineering Planning

Recommendation: Approve modified PAR

P29148

Standard for Systems and Software -- Life Cycle Processes -- Requirements Engineering

Recommendation: Approve modified PAR

IEEE Computer Society/Standards Activities Board

P1622

Standard for Electronic Distribution of Blank Ballots for Voting Systems

Recommendation: Conditionally approve modified PAR contingent upon "will" being changed to "may" in the second sentence of the Scope

IEEE Communications Society/Standards Committee

P1903

Standard for the Functional Architecture of Next Generation Service Overlay Networks

Recommendation: Approve modified PAR

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1810

Guide for the Installation of Fire-Rated Cables Suitable for Hydrocarbon Pool Fires for Critical and Emergency Shutdown Systems in Petroleum and Chemical Industries.

Recommendation: Conditionally approve modified PAR contingent upon receiving a statement from sponsor that the WG has operated under

policies and procedures for individual working groups since approval of original PAR

IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee

P1785.1

Standard for Rectangular Metallic Waveguides and Their Interfaces for Frequencies of 110 GHz and Above. Part 1: Frequency Bands and Waveguide Dimensions

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Energy Development & Power Generation

P422

Guide for the Design of Cable Raceway Systems in Electric Generating Facilities

Recommendation: Approve modified PAR

P1595

Standard for Designating and Quantifying Green Energy Projects in the Electricity Sector

Recommendation: Modified PAR was removed from the agenda prior to the meeting due to lack of Sponsor Authorization.

IEEE Power and Energy Society/Insulated Conductors

P400.2

Guide for Field Testing of Shielded Power Cable Systems Using Very Low Frequency (VLF)

Recommendation: Conditionally approve modified PAR contingent upon adding "less than 1Hz" to the title

P404

Standard for Extruded and Laminated Dielectric Shielded Cable Joints Rated 2.5 kV to 500 kV

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Substations

PC37.122.2

Guide for the Application of Gas-Insulated Substations 1kV to 52kV

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Switchgear

PC37.121

Guide for Switchgear - Unit Substation - Requirements

Recommendation: Approve modified PAR

*IEEE Power and Energy Society/Transmission and Distribution***P1453**

Recommended Practice -- Adoption of IEC 61000-4-15:2010, Electromagnetic compatibility (EMC)---Testing and measurement techniques---Flickermeter---Functional and design specifications

Recommendation: Approve modified PAR

*IEEE Power and Energy Society/Transformers***PC57.91**

Guide for Loading Mineral-Oil-Immersed Transformers and Step-Voltage Regulators

Recommendation: Approve modified PAR

PC57.150

Guide for the Transportation of Transformers and Reactors Rated 10,000 kVA or larger

Recommendation: Approve modified PAR

*IEEE Vehicular Technology Society/Intelligent Transportation Systems***P1609.2**

Standard for Wireless Access in Vehicular Environments - Security Services for Applications and Management Messages

Recommendation: Approve modified PAR

P1609.3-2010/Cor 1

IEEE Standard for Wireless Access in Vehicular Environments (WAVE) - Networking Services - Corrigendum 1: Miscellaneous corrections

Recommendation: Defer motion to approve modified PAR until the October Continuous Processing meeting

Extension Requests

*IEEE Antennas and Propagation Society/Antennas***P1720**

Recommended Practice for Near-Field Antenna Measurements

Recommendation: Approve extension of PAR until December 2012

*IEEE Computer Society/LAN/MAN Standards Committee***P802**

Standard for Local and Metropolitan Area Networks: Overview and Architecture

Recommendation: Approve extension of PAR until December 2013

P802.1aq

IEEE Standard for Local and Metropolitan Area Networks: Virtual Bridged Local Area Networks - Amendment 8: Shortest Path Bridging

Recommendation: Approve extension of PAR until December 2012

IEEE Power and Energy Society/Insulated Conductors

P1727

Guideline For Working Procedures On Underground Transmission Circuits With Induced Voltage

Recommendation: Approve extension of PAR until December 2013

IEEE Power and Energy Society/Power System Communications

P367

Recommended Practice for Determining the Electric Power Station Ground Potential Rise and Induced Voltage from a Power Fault

Recommendation: Approve extension of PAR until December 2012

IEEE Power and Energy Society/Power System Relaying

PC37.96

Guide for AC Motor Protection

Recommendation: Defer extension of PAR until October Continuous Processing meeting due to lack of response to comments

PC37.99

Guide for the Protection of Shunt Capacitor Banks

Recommendation: Approve extension of PAR until December 2012

IEEE Power and Energy Society/Switchgear

PC37.74

Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV

Recommendation: Approve extension of PAR until December 2012

New PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AS-2011/Cor 1

IEEE Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks - Corrigendum 1: Technical and editorial corrections

Recommendation: Approve new PAR until December 2015

P802.1ASbt

IEEE Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks
Amendment: Enhancements and performance improvements

Recommendation: Approve new PAR until December 2015

P802.1AXbq

IEEE Standard for Local and metropolitan area networks--Link Aggregation
Amendment: Distributed Resilient Network Interconnect

Recommendation: Approve new PAR until December 2015

P802.1BR

Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area Networks - Bridge Port Extension

Recommendation: Approve new PAR until December 2015

P802.3bj

IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications Amendment: Physical Layer Specifications and Management Parameters for 100 Gb/s Operation Over Backplanes and Copper Cables

Recommendation: Approve new PAR until December 2015

P802.15.4m

IEEE Standard for Local and Metropolitan Area Networks Part 15.4: Low Rate Wireless Personal Area Networks (LR-WPANs) Amendment: TV White Space Physical Layer

Recommendation: Conditionally approve new PAR until December 2015 contingent upon "between 54 MHz and 862 MHz" being inserted after the word "Space" in the title

P802.22a

IEEE Standard for Information Technology--Telecommunications and information exchange between systems Wireless Regional Area Networks (WRAN)--Specific requirements Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Policies and Procedures for Operation in the TV Bands Amendment: Management and Control Plane Interfaces and Procedures and enhancement to the Management Information Base (MIB)

Recommendation: Approve new PAR until December 2015

IEEE Computer Society/Microprocessor Standards Committee

P1722a

IEEE Standard for Layer 2 Transport Protocol for Time Sensitive Applications in a Bridged Local Area Network Amendment 1 - Extensible Streaming Formats

Recommendation: Approve new PAR until December 2015

IEEE Computer Society/Software & Systems Engineering Standards Committee

P29119-1

Standard for Software and Systems Engineering--Software Testing--Part 1: Concepts and Definitions

Recommendation: Approve new PAR until December 2015

P29119-2

Standard for Software and Systems Engineering--Software Testing--Part 2: Test Process

Recommendation: Approve new PAR until December 2015

P29119-3

Standard for Software and Systems Engineering--Software Testing--Part 3: Test Documentation

Recommendation: Approve new PAR until December 2015

P29119-4

Standard for Software and Systems Engineering--Software Testing--Part 4: Test Techniques

Recommendation: Approve new PAR until December 2015

IEEE Communications Society/Standards Committee

P1904.1-Conformance01

Standard for Conformance Test Procedures for Service Interoperability in Ethernet Passive Optical Networks, IEEE Std 1904.1 Package A

Recommendation: Approve new PAR until December 2015

P1904.1-Conformance02

Standard for Conformance Test Procedures for Service Interoperability in Ethernet Passive Optical Networks, IEEE Std 1904.1 Package B

Recommendation: Approve new PAR until December 2015

P1904.1-Conformance03

Standard for Conformance Test Procedures for Service Interoperability in Ethernet Passive Optical Networks, IEEE Std 1904.1, Package C

Recommendation: Approve new PAR until December 2015

P1907.1

Standard for Network-Adaptive Quality of Experience (QoE) Management Scheme for Real-Time Mobile Video Communications

Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Energy Development & Power Generation

P1843

Recommended Practice for Generating Renewable Energy Using Plasma Gasification

Recommendation: Defer motion to approve new PAR until the October Continuous Processing meeting

IEEE Power and Energy Society/Insulated Conductors

P1844

Standard for Determining Fire Rating of Cables Used in Nuclear Facilities

Recommendation: Defer new PAR until the October Continuous Processing meeting

IEEE Power and Energy Society/Nuclear Power Engineering

P692a

Standard Criteria for Security Systems for Nuclear Power Generating Stations

Amendment a: Alignment with Recent Industry Security Approach Changes

Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Stationary Batteries Committee

P1679.2

Guide for the Characterization and Evaluation of Sodium-Based Batteries in Stationary Applications

Recommendation: Approve new PAR until December 2015

IEEE-SASB Coordinating Committees/SCC20 - Test and Diagnosis for Electronic Systems

P1693

Standard for Modular Interconnect Packaging for Scalable Systems

Recommendation: Approve new PAR until December 2015

PARs for the Revision of Standards

IEEE Power and Energy Society/Energy Development & Power Generation

P421.5

Recommended Practice for Excitation System Models for Power System Stability Studies

Recommendation: Defer PAR for the revision of a standard until the October Continuous Processing meeting

IEEE Power and Energy Society/Insulated Conductors

P386

Standard for Separable Insulated Connector Systems for Power Distribution Systems Above 600 V

Recommendation: Approve PAR for the revision of a standard until December 2015

P400.3

Guide for Partial Discharge Field Diagnostic Testing of Shielded Power Cable Systems

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Nuclear Power Engineering

P7-4.3.2

Standard Criteria for Digital Technology in Safety Systems of Nuclear Power Generating Stations

Recommendation: Approve PAR for the revision of a standard until December 2015

P650

Standard for Qualification of Class 1E Static Battery Chargers, Inverters and Uninterruptible Power Supply (UPS) Systems for Nuclear Power Generating Stations

Recommendation: Approve PAR for the revision of a standard until December 2015

P690

Standard for the Design and Installation of Cable Systems for Class IE Circuits in Nuclear Power Generating Stations.

Recommendation: Defer PAR until the October Continuous Processing meeting due to lack of response to comments

IEEE Power and Energy Society/Stationary Batteries Committee

P946

Recommended Practice for the Design of DC Auxiliary Power Systems for Generating Stations

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Substations

P1427

Guide for Recommended Electrical Clearances and Insulation Levels in Air Insulated Electrical Power Substations

Recommendation: Approve PAR for the revision of a standard until December 2015

P1686

Standard for Intelligent Electronic Devices (IEDs) Cyber Security Capabilities
Recommendation: Approve PAR for the revision of a standard until December 2015

PC37.1

Standard for SCADA and Automation Systems

Recommendation: Conditionally approve PAR for the revision of a standard until December 2015 contingent upon the acronym "SCADA" being spelled out in the title.

IEEE Power and Energy Society/Switchgear

PC37.012

Guide for the Application of Capacitance Current Switching for AC High-Voltage Circuit Breakers Above 1000 V

Recommendation: Approve PAR for the revision of a standard until December 2015

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 2015

IEEE Power and Energy Society/Transformers

PC57.116

Guide for Transformers Directly Connected to Generators

Recommendation: Approve PAR for the revision of a standard until December 2015