

**IEEE-SA Standards Board
New Standards Committee (NesCom)
Recommendations
26-Mar-2008**

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

PARs to be Withdrawn at the Request of the Sponsor

IEEE Computer Society/Local and Metropolitan Area Networks

P802.1af

Standard for Local and Metropolitan Area Networks - Port-Based Network Access Control - Amendment 1: Authenticated Key Agreement for Media Access Control (MAC) Security

Recommendation: Approve withdrawal at request of Sponsor

P802.16i

Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Broadband Wireless Access Systems - Mobile Management Information Base Amendment

Recommendation: Approve withdrawal at request of Sponsor

IEEE Power Engineering Society/Stationary Batteries Committee

P1825

Standard for Rechargeable Batteries for Digital Cameras and Camcorders

Recommendation: Approve withdrawal at request of Sponsor

Extension Requests

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

P1658

Standard for Terminology and Test Methods of Digital-to-Analog Converter Devices

Recommendation: Approve request for an extension until 12/31/2010

IEEE Nuclear and Plasma Sciences Society/Nuclear Instruments and Detectors

P325

Standard Test Procedures for Germanium Gamma-Ray Detectors Used in Analog and Digital Signal Processing Systems

Recommendation: Approve request for an extension until 12/31/2009

New PARs

IEEE Computer Society/Design Automation

P1734

Standard for Quality of Electronic and Software Intellectual Property used in System and System on Chip (SoC) Designs

Recommendation: Conditionally approve new PAR until December 2012, based upon adding sentence to scope clarifying Electronic Design IP

P1735

Recommended Practice for Encryption and Management of Electronic Design Intellectual Property (IP)

Recommendation: Conditionally approve new PAR until December 2012 pending addition of WG chair contact information for IEC 93.3 in Section 7.2

IEEE Computer Society/Local and Metropolitan Area Networks

P802.11aa

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: MAC enhancements for robust audio video streaming

Recommendation: Approve new PAR until December 2012

P802.1Qaz

IEEE Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area Networks - Amendment: Enhanced Transmission Selection for Bandwidth Sharing Between Traffic Classes

Recommendation: Approve new PAR until December 2012

P802.1Qbb

IEEE Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area Networks - Amendment: Priority-based Flow Control

Recommendation: Approve new PAR until December 2012

IEEE Computer Society/Learning Technology

P1484.12.1-2002/Cor 1

IEEE Standard for Learning Object Metadata - Corrigendum 1: Corrigenda for 1484.12.1 LOM (Learning Object Metadata)

Recommendation: Approve new PAR until December 2012.

P1484.12.4

Recommended Practice for Expressing IEEE Learning Object Metadata Instances Using the Dublin Core Abstract Model

Recommendation: Approve new PAR until December 2012. Note on Approval Letter to remind working group about patent slides.

P1484.12.5

Standard for Resource Description Framework (RDF) Vocabulary for IEEE Learning Object Metadata (LOM) Data Elements

Recommendation: Approve new PAR until December 2012. Note on Approval Letter to remind working group about patent slides.

IEEE Computer Society/Test Technology

P1450.2-2002/Cor 1

IEEE Standard for Extensions to Standard Test Interface Language (STIL) (IEEE Std 1450-1999) for DC Level Specification - Corrigendum 1

Recommendation: Disapprove new PAR due to unresolved comments. Karen Bartleson assigned as mentor.

IEEE Communications Society/Standards Committee

P1903

Standard for a Next Generation Service Overlay Network

Recommendation: Approve new PAR until December 2012

IEEE Dielectrics and Electrical Insulation Society/Standards Committee

P1783

Guide for Test Methods and Procedures to Evaluate the Electrical Performance of Insulators in Freezing Conditions

Recommendation: Approve new PAR until December 2012

IEEE Instrumentation and Measurement Society/TC25 - Medical and Biological Measurements

P1721

Standard for Objective Measurement of Systemic Arterial Blood Pressure in Humans

Recommendation: Approve new PAR until December 2012

IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee

P1785

Standard for rectangular waveguides and flanges for rectangular waveguides for use at millimeter and sub-millimeter wavelengths

Recommendation: Approve new PAR until December 2012

IEEE Nanotechnology Council/Standards Committee

P1784

Standard for Nanomaterials Characterization and Use in Large Scale Electronics Manufacturing

Recommendation: Approve new PAR until December 2012

IEEE Power Engineering Society/Insulated Conductors

P1781

Guide for the Application of Extruded Conductor and Insulation Shields for Shielded Power Cables Rated 5 kV to 500 kV AC

Recommendation: Approve new PAR until December 2012 contingent on verification of PAR copyright release requirement being met.

IEEE Power Engineering Society/Stationary Batteries Committee

P1635

Guide for the Ventilation and Thermal Management of Batteries for Stationary Applications

Recommendation: Approve new PAR until December 2012 contingent on verification of PAR copyright release requirement being met.

IEEE Power Engineering Society/Surge Protective Devices/Low Voltage

PC62.50

Standard for Performance Criteria and Test Methods for Plug-in (Portable) Multiservice (Multiport) Surge-Protective Devices for Equipment Connected to a 120/240 V Single Phase Power Service and metallic conductive communication line(s)

Recommendation: Approve new PAR until December 2012

IEEE Power Engineering Society/Switchgear

PC37.12

Guide for Specifications of High Voltage Circuit Breakers (over 1000 volts)

Recommendation: Approve new PAR until December 2012

IEEE Power Engineering Society/Transmission and Distribution

P1782

Guide for Collecting, Categorizing and Utilization of Information Related to Electric Power Distribution Interruption Events

Recommendation: Deferred to April agenda due to lack of response

IEEE Power Engineering Society/Transformers

PC57.153

Guide for Transformer Paralleling

Recommendation: Approve new PAR until December 2012

IEEE-SASB Coordinating Committees/SCC41 - Dynamic Spectrum Access Networks

P1900.5

Standard on Policy Language and Policy Architectures for Managing Cognitive Radio for Dynamic Spectrum Access Applications

Recommendation: Approve new PAR until December 2012

IEEE Vehicular Technology Society/Rail Transit

P1653.3

Guide for Rail Transit Traction Power Systems Modeling

Recommendation: Approve new PAR until December 2012

Modified PARs

IEEE Computer Society/Microprocessor Standards Committee

P1363.2

Standard Specification for Password-Based Public-Key Cryptographic Techniques

Recommendation: Approve modified PAR until December 2008

P1394

Standard for a High Performance Serial Bus

Recommendation: Approve modified PAR until December 2008

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1580

Recommended Practice for Marine Cable for use on Shipboard and Fixed or Floating Facilities

Recommendation: Conditionally approve modified PAR until December 2008. Updates to field 4.2 and 4.3 required.

P1584

Guide for Performing Arc-Flash Hazard Calculations

Recommendation: Approve modified PAR until December 2011

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1588

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems

Recommendation: Approve modified PAR until December 2009

IEEE Power Engineering Society/Nuclear Power Engineering

P7-4.3.2

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

Recommendation: Approve modified PAR until December 2010 contingent on verification of PAR copyright release requirement being met.

IEEE Power Engineering Society/Power System Communications

P1594

Standard for Helically-Applied Fiber Optic Cable Systems (WRAP Cable) for Use on Overhead Utility Lines

Recommendation: Approve modified PAR until December 2008

P1675

Standard for Broadband over Power Line Hardware

Recommendation: Approve modified PAR until December 2008

IEEE Power Engineering Society/Stationary Batteries Committee

P1625

Standard for Rechargeable Batteries for Multi-cell Mobile Computing Devices

Recommendation: Approve modified PAR until December 2010

P1657

Recommended Practice for Personnel Qualifications for Installation and Maintenance of Stationary Batteries

Recommendation: Approve modified PAR until December 2008

IEEE Power Engineering Society/Transformers

PC57.21

Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA

Recommendation: Approve modified PAR until December 2008

IEEE Vehicular Technology Society/Rail Transit

P1630

Standard for Supporting Structures for Overhead Contact Systems for Transit Systems

Recommendation: Deferred due to lack of response. Ted Olsen assigned as mentor.

PARs for the Revision of Standards

IEEE Computer Society/Design Automation

P1850

Standard for Property Specification Language (PSL)

Recommendation: Approve PAR for the revision of a standard until December 2012

IEEE Computer Society/Local and Metropolitan Area Networks

P802.1X

Standard for Local and metropolitan area networks - Port-Based Network Access Control

Recommendation: Approve PAR for the revision of a standard until December 2012

IEEE Industry Applications Society/Petroleum & Chemical Industry

P576

Recommended Practice for Installation, Termination, and Testing of Insulated Power Cable as Used in Industrial and Commercial Applications

Recommendation: Approve PAR for the revision of a standard until December 2012

IEEE Instrumentation and Measurement Society/TC4 - High Frequency Measurement

P378

Recommended Practices for Using the Network Analyzers

Recommendation: Disapprove PAR for the revision of a standard. Insufficient responses. Tom Prevost assigned as mentor.

IEEE Power Engineering Society/Nuclear Power Engineering

P317

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

Recommendation: Approve PAR for the revision of a standard until December 2012

P628

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

Recommendation: Approve PAR for the revision of a standard until December 2012

IEEE Power Engineering Society/Power System Relaying

PC37.118

Standard for Synchrophasors for Power Systems

Recommendation: Approve PAR for the revision of a standard until December 2012

PC37.90.1

Standard Surge Withstand Capability (SWC) Tests for Relays and Relay Systems Associated with Electric Power Apparatus

Recommendation: Approve PAR for the revision of a standard until December 2012

PC37.98

Standard Seismic Testing of Relays

Recommendation: Approve PAR for the revision of a standard until December 2012

IEEE Power Engineering Society/Switchgear

PC37.015

Guide for the application of Shunt Reactor Switching

Recommendation: Approve PAR for the revision of a standard until December 2012

PC37.14

Standard for Low-Voltage DC Power Circuit Breakers Used in Enclosures

Recommendation: Disapprove PAR for the revision of a standard due to withdrawal of sponsor chair support.

IEEE Reliability Society/IEEE Reliability

P1332

Reliability Program for the Development and Production of Electronic Products

Recommendation: Approve PAR for the revision of a standard until December 2012 contingent upon verification of PAR copyright release signature page requirement being met.

P1413.1

Guide for Developing and Assessing Reliability Predictions Based on IEEE Standard 1413

Recommendation: Approve PAR for the revision of a standard until December 2012 contingent upon verification of PAR copyright release signature page requirement being met.