

**IEEE-SA Standards Board
New Standards Committee (NesCom)
Recommendations
09/26/2007**

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

Withdrawal Requests

IEEE Computer Society/Local and Metropolitan Area Networks

P802.16

Standard for Local and metropolitan area networks - Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems Corrigendum 2

Recommendation: Approve withdrawal at the request of the sponsor.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P1175.5

IEEE Standard for CASE Tool Interconnections - Syntax for Transferring Behavior Specifications

Recommendation: Approve withdrawal at the request of the sponsor.

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1643

Recommended Practice for Protecting Voting Equipment and Systems from Intentional EMI

Recommendation: Approve withdrawal at the request of the sponsor.

IEEE Power Engineering Society/Substations

P1402

Guide for Electric Power Substation Physical and Electronic Security

Recommendation: Approve withdrawal at the request of the sponsor.

IEEE Power Engineering Society/Switchgear

PC37.301

Recommended Practice for Partial Discharge Measurement in Power Switchgear Rated above 1000 V

Recommendation: Approve withdrawal at the request of the sponsor.

Target Extension Requests

IEEE Computer Society/Local and Metropolitan Area Networks

P802.11n

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 Higher Throughput

Recommendation: Approve request for an extension until December 2009.

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1597.1

Standard for Validation of Computational Electromagnetics (CEM) Computer Modeling and Simulation

Recommendation: Approve request for an extension until December 2009.

P1597.2

Recommended Practice for Computational Electromagnetics (CEM) Computer Modeling and Simulation Applications

Recommendation: Approve request for an extension until December 2009.

IEEE Power Engineering Society/Insulated Conductors

P1142

Guide for the Selection, Testing, Application and Installation of Cables Utilizing Radial and/or Longitudinal Moisture Barriers

Recommendation: Approve request for an extension until 2009. Modified PAR must be submitted to align scope and purpose.

IEEE Power Engineering Society/Power System Instrumentation and Measurements

P4

Standard for High Voltage Test Techniques

Recommendation: Approve request for an extension until December 2009.

IEEE Power Engineering Society/Power System Relaying

PC37.105

Standard for Qualifying Class 1E Protective Relays and Auxiliaries for Nuclear Power Generating Stations

Recommendation: Approve request for an extension until December 2009. (1 - Disapprove, 1 - Abstain)

IEEE Power Engineering Society/Surge Protective Devices/High Voltage

PC62.22

Guide for the Application of Metal-Oxide Surge Arresters for Alternating-Current Systems

Recommendation: Approve request for an extension until December 2009.

IEEE Power Engineering Society/Substations

P605

Guide for Bus Design in Air Insulated Substations

Recommendation: Approve request for an extension until December 2009.

IEEE-SA Standards Board/SCC20 - Test and Diagnosis for Electronic Systems

P1636

Standard for Software Interface for Maintenance Information Collection and Analysis

Recommendation: Approve request for an extension until December 2009.

New PARs

IEEE Computer Society/Local and Metropolitan Area Networks

P802.1ak-2005/Cor 1

IEEE Standard for Local and Metropolitan Area Networks Virtual Bridged Local Area Networks - Amendment 07: Multiple Registration Protocol - Corrigendum 1: Corrections to the Multiple Registration Protocol

Recommendation: Approve new PAR until December 2011.

P802.3az

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: Media Access Control Parameters, Physical Layers and Management Parameters for Energy-Efficient Ethernet

Recommendation: Approve new PAR until December 2011.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P15939

Standard for Systems and software engineering Measurement process

Recommendation: Approve new PAR until December 2011.

IEEE Engineering in Medicine and Biology Society/11073 Committee

P11073-10441

Standard for Health informatics - Personal health device communication - Device specialization Cardiovascular fitness and activity monitor

Recommendation: Approve new PAR until December 2011.

P11073-10442

Standard for Health informatics - Personal health device communication - Device specialization Strength fitness equipment

Recommendation: Approve new PAR until December 2011.

P11073-10471

Standard for Health informatics - Personal health device communication - Device specialization Independent living activity hub

Recommendation: Approve new PAR until December 2011.

P11073-10472

Standard for Health informatics - Personal health device communication - Device specialization Medication Monitor

Recommendation: Approve new PAR until December 2011.

IEEE Power Engineering Society/Insulated Conductors

P1727

Guideline For Working Procedures On Underground Transmission Circuits With Induced Voltage

Recommendation: Approve new PAR until December 2011.

P1728

Guide for the Use of Extruded Shields

Recommendation: Defer PAR at the request of the Working Group.

P1729

Recommended Practice for Electric Power Distribution System Analysis

Recommendation: Approve new PAR until December 2011.

IEEE Power Engineering Society/Substations

P1127a

IEEE Guide for the Design, Construction, and Operation of Electric Power Substations for Community Acceptance and Environmental Compatibility - Amendment to remove references to Substation Slide Library

Recommendation: Approve new PAR until December 2011.

P525-2007/Cor 1

Guide for the Design and Installation of Cable Systems in Substations - Corrigendum 1

Recommendation: Approve new PAR until December 2011.

IEEE Power Engineering Society/Switchgear

PC37.301

Standard for High-Voltage (Above 1000 V) Test Techniques - Partial Discharge Measurements

Recommendation: Approve new PAR until December 2011.

Modified PARs

IEEE Computer Society/Software & Systems Engineering Standards Committee

P1028

Standard for Software Reviews and Audits

Recommendation: Approve modified PAR until December 2009.

P12207

Standard for Systems and Software Engineering Software Life Cycle Processes

Recommendation: Approve modified PAR until December 2010.

P15288

Standard for Systems and Software Engineering System life cycle processes

Recommendation: Approve modified PAR until December 2010.

IEEE Communications Society/Standards Committee

P1900.1

Standard Definitions and Concepts for Dynamic Spectrum Access: Terminology Relating to Emerging Networks, System Functionality, and Spectrum Management

Recommendation: Approve modified PAR until December 2009 pending the acceptance of changes.

IEEE Engineering in Medicine and Biology Society/11073 Committee

P11073-30400

Standard for Health informatics - Point-of-care medical device communication - Interface profile - Cabled Ethernet

Recommendation: Approve modified PAR until December 2009.

IEEE Power Engineering Society/Insulated Conductors

P1407

Guide for Accelerated Aging Tests for Medium-Voltage (5 kV-35 kV) Extruded Electric Power Cables Using Water-Filled Tanks

Recommendation: Approve modified PAR until December 2007.

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, Maintenance, and Operation of Stationary Batteries

Recommendation: Approve modified PAR until December 2008.

IEEE Power Engineering Society/Substations

P1686

Standard for Substation Intelligent Electronic Devices (IED) Cyber Security Capabilities

Recommendation: Approve modified PAR until December 2009.

PC37.1

Standard for SCADA and Automation Systems

Recommendation: Approve modified PAR until December 2007. (1 - Abstain)

PC37.2

Standard Electrical Power System Device Function Numbers, Acronyms and Contact Designations

Recommendation: Approve modified PAR until December 2010. (1- Abstain)

IEEE Power Engineering Society/Switchgear

PC37.13

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

Recommendation: Approve modified PAR until December 2008 as revised, contingent upon acceptance of editorial changes.

PC37.27

Application Guide for Low-Voltage AC Power Circuit Breakers Applied With Separately Mounted Current-Limiting Fuses

Recommendation: Approve modified PAR until December 2008 as revised, contingent upon acceptance of changes.

IEEE Power Engineering Society/Transmission and Distribution

P1542

Guide for Installation, Maintenance and Operation of Irrigation Equipment Located Near or Under Power Lines

Recommendation: Approve modified PAR until December 2007.

PARs for the Revisions of Standards

IEEE Computer Society/Software & Systems Engineering Standards Committee

P24765

Standard for Systems and Software Engineering - Vocabulary

Recommendation: Approve PAR for the revision of a standard until December 2011

P42010

Standard for Systems and Software Engineering --- Architectural Description

Recommendation: Approve PAR for the revision of a standard until December 2011

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

P1730

Recommended Practice for Distributed Simulation Engineering and Execution Process (DSEEP)

Recommendation: Approve PAR for the revision of a standard until December 2011

IEEE Industry Applications Society/Petroleum & Chemical Industry

P515.1

Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Heat Tracing for Commercial Applications

Recommendation: Approve PAR for the revision of a standard until December 2011

IEEE Power Engineering 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 PAR for the revision of a standard until December 2011