

**IEEE-SA Standards Board
New Standards Committee (NesCom)
Recommendations
10-Sep-2009**

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

Withdrawal Requests

IEEE Industry Applications Society/Petroleum & Chemical Industry

P45

Recommended Practice for Electrical Installations on Shipboard

Recommendation: Approve PAR withdrawal at the request of Sponsor

IEEE Power & Energy Society/Surge Protective Devices/High Voltage

PC62.21.1

Recommended Practice for the Application of Surge Voltage Protective Equipment on AC Rotating Machinery Rated 1 kV to 30 kV, Generators and Single-Turn Coil Motors

Recommendation: Approve PAR withdrawal at the request of Sponsor

Modified PARs

IEEE Computer Society/Local and Metropolitan Area Networks

P802.1AR

Standard for Local and Metropolitan Area Networks - Secure Device Identity

Recommendation: Approve modified PAR until December 2009

IEEE Computer Society/Software & Systems Engineering Standards Committee

P730

Standard for Software Quality Assurance

Recommendation: Approve modified PAR until December 2011

P15289

Standard for Systems and Software Engineering - Content of Life Cycle Information Products (Documentation)

Recommendation: Approve modified PAR until December 2011

IEEE Nanotechnology Council/Standards Committee

P1784

Large Scale Manufacturing of Nanotechnologies

Recommendation: Approve modified PAR until December 2012

IEEE Power & Energy Society/Electric Machinery

P433

Recommended Practice for Insulation Testing of AC Electric Machinery with High Voltage at Very Low Frequency

Recommendation: Approve modified PAR until December 2009

IEEE Power & Energy Society/Surge Protective Devices/High Voltage

PC62.82.1

Standard for Insulation Coordination - Definitions, Principles, and Rules

Recommendation: Approve modified PAR until December 2009

PC57.12.10

Standard Requirements for Liquid-Immersed Power Transformers

Recommendation: Approve modified PAR until December 2009

Extension Requests

P802.1aq

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

Recommendation: Approve request for an extension until December 2011

P802.3at

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: Data Terminal Equipment (DTE) Power Via the Media Dependent Interface (MDI) Enhancements

Recommendation: Approve request for an extension until December 2010

P1581

Standard for Static Component Interconnection Test Protocol and Architecture

Recommendation: Approve request for an extension until December 2010

P1901

Standard for Broadband over Power Line Networks: Medium Access Control and Physical Layer Specifications

Recommendation: Approve request for an extension until December 2011

P325

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

Recommendation: Approve request for an extension until December 2010

P1682

Standard for Qualifying Fiber Optic Cables, Connections, and Optical Fiber Splices for Use in Safety Systems of Nuclear Power Generating Stations

Recommendation: Approve request for an extension until December 2011

PC62.23

Application Guide for Surge Protection of Electric Generating Plants

Recommendation: Approve request for an extension until December 2011

PC62.82.1

Standard for Insulation Coordination - Definitions, Principles, and Rules

Recommendation: Approve request for an extension until December 2010

PC62.92.4

Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part IV - Distribution

Recommendation: Approve request for an extension until December 2011

IEEE Power & Energy Society/Substations

P1676

Guide for Control Architecture for High Power Electronics (1 MW and Greater) Used in Electric Power Transmission and Distribution Systems

Recommendation: Approve request for an extension until December 2011

IEEE Power & Energy Society/Transformers

PC57.12.10

Standard Requirements for Liquid-Immersed Power Transformers

Recommendation: Approve request for an extension until December 2010

New PARs

IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

P671-1985/Cor 1

IEEE Standard Specification Format Guide and Test Procedure for Nongyroscopic Inertial Angular Sensors: Jerk, Acceleration, Velocity, and Displacement - Corrigendum 1: 4.7.2.6 Short-Term Stability and Annex A Sensor Dynamic Block Diagrams

Recommendation: Approve new PAR until December 2013

IEEE Computer Society/Environmental Assessment Standards Committee

P1680.2

Standard for Environmental Assessment of Imaging Equipment

Recommendation: Approve new PAR until December 2013

P1680.3

Standard for Environmental Assessment of Televisions

Recommendation: Approve new PAR until December 2013

IEEE Computer Society/Local and Metropolitan Area Networks

P802.1Qbc

IEEE Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area Networks Amendment: Provider Bridging - Remote Customer Service Interfaces

Recommendation: Approve new PAR until December 2013

P802.1Qbe

IEEE Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area Networks Amendment: Multiple Backbone Service Instance Identifier (I-SID) Registration Protocol (MIRP)

Recommendation: Approve new PAR until December 2013

P802.1Qbf

IEEE Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area Networks Amendment: Provider Backbone Bridge Traffic Engineering (PBB-TE) Infrastructure Segment Protection

Recommendation: Approve new PAR until December 2013

IEEE Computer Society/Learning Technology

P1484.13.2

Recommended Practice for Learning Technology - Metadata Encoding and Transmission Standard (METS) Mapping to the Conceptual Model for Resource Aggregation

Recommendation: Approve new PAR until December 2013

P1484.13.3

Recommended Practice for Learning Technology - ISO 21000-2:2005 Information Technology -- Multimedia Framework (MPEG-21) -- Part 2: Digital Item Declaration Mapping to the Conceptual Model for Resource Aggregation

Recommendation: Approve new PAR until December 2013

P1484.13.4

Recommended Practice for Learning Technology - IMS Content Packaging Information Model (CP) Version 1.2 - Mapping to the Conceptual Model for Resource Aggregation

Recommendation: Approve new PAR until December 2013

P1484.13.5

Recommended Practice for Learning Technology - IETF RFC 4287 - Atom Syndication Format - Mapping to the Conceptual Model for Resource Aggregation

Recommendation: Approve new PAR until December 2013

P1484.13.6

Recommended Practice for Learning Technology - Open Archives Initiative Object Reuse and Exchange Abstract Model (OAI-ORE) - Mapping to the Conceptual Model for Resource Aggregation

Recommendation: Approve new PAR until December 2013

IEEE Computer Society/Microprocessor Standards Committee

P1722.1

Standard for Standard Device Discovery, Connection Management and Control Protocol for IEEE 1722 Based Devices

Recommendation: Approve new PAR until December 2013

IEEE Computer Society/Software & Systems Engineering Standards Committee

P26512

Standard for Software and Systems Engineering -- Requirements for Acquirers and Suppliers of User Documentation

Recommendation: Approve new PAR until December 2013

P26513

Standard for Systems and Software Engineering - Requirements for Testers and Reviewers of User Documentation

Recommendation: Approve new PAR until December 2013

P26514

Standard for Systems and Software Engineering - Requirements for Designers and Developers of User Documentation

Recommendation: Approve new PAR until December 2013

IEEE Industry Applications Society/Petroleum & Chemical Industry

P45.7

Recommended Practice for Electrical Installations on Shipboard - Switchboards

Recommendation: Approve new PAR until December 2013

P60092-510

Electrical Installations in Ships - Part 510: High Voltage Shore Connection Systems (HVSC)

Recommendation: Approve new PAR until December 2013

IEEE Industry Applications Society/Power Systems Engineering

P1668

Recommended Practice for Voltage Sag and Interruption Ride-Through Testing for End Use Electrical Equipment
Less than 1,000 Volts

Recommendation: Approve new PAR until December 2013

IEEE Power & Energy Society/Substations

P1613a

IEEE Standard Environmental and Testing Requirements for Communications Networking Devices Installed in
Electric Power Substations - Amendment: Additions of Definitions, DC Power Supply Requirements, History, and
Testing Comments

Recommendation: Approve new PAR until December 2013

IEEE Power & Energy Society/Transmission and Distribution

P1808

Guide for Collecting and Managing Transmission Line Inspection and Maintenance Data

Recommendation: Approve new PAR until December 2013

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

PC95.1-2345

Standard for the Evaluation and Control of Personnel Exposure to Electric, Magnetic and Electromagnetic Fields, 0
Hz to 300 GHz

Recommendation: Approve new PAR until December 2013

IEEE-SASB Coordinating Committees/SCC40 - Earth Observation

P1809

Guide for Electric-Sourced Transportation Infrastructure

**Recommendation: Understanding that Tom Field is the working group chair, Approve new PAR until December
2013, contingent upon the working group information being filled in under 3.1**

PARs for the Revision of Standards

IEEE Antennas and Propagation Society/Antennas

P145

Standard Definitions of Terms for Antennas

Recommendation: Approve PAR for the revision of a standard until December 2013

IEEE Computer Society/Design Automation

P1801

Standard for Design and Verification of Low Power Integrated Circuits

Recommendation: Approve PAR for the revision of a standard until December 2013

IEEE Computer Society/Information Assurance

P1619

Standard for Cryptographic Protection of Data on Block-Oriented Storage Devices

Recommendation: Approve PAR for the revision of a standard until December 2013

IEEE Computer Society/Test Technology

P1149.6

Standard for Boundary-Scan Testing of Advanced Digital Networks

Recommendation: Approve PAR for the revision of a standard until December 2013

IEEE Industry Applications Society/Petroleum & Chemical Industry

P45

Recommended Practice for Electrical Installations on Ships

Recommendation: Approve PAR for the revision of a standard until December 2013

IEEE Power & Energy Society/Surge Protective Devices/High Voltage

PC62.92.2

Guide for the Application of Neutral Grounding In Electrical Utility Systems Part II - Synchronous Generator Systems

Recommendation: Approve PAR for the revision of a standard until December 2013

IEEE Power & Energy Society/Switchgear

PC37.121

Guide for Switchgear - Unit Substation - Requirements

Recommendation: Approve PAR for the revision of a standard until December 2013