

**IEEE-SA Standards Board
New Standards Committee (NesCom)
Recommendations
12/04/2007**

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PARs to be Withdrawn at the Request of the Sponsor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 Power Engineering Society/Substations

P1689

Trial Use Standard for Cyber Security of Serial SCADA Links and IED Remote Access

Recommendation: Approve withdrawal at request of Sponsor

Extension Requests

IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

P1559

Standard for Inertial Systems Terminology

Recommendation: Approve request for an extension until December 31, 2009.

P836

Recommended Practice for Precision Centrifuge Testing of Linear Accelerometers

Recommendation: Approve request for an extension until December 31, 2008.

IEEE Computer Society/Information Assurance

P1700

Standard for Information System Security Assurance Architecture (ISSAA)

Recommendation: Approve request for an extension until December 31, 2009.

P2200

Standard for Baseline Operating Systems Security (TM) (BOSS TM)

Recommendation: Approve request for an extension until December 31, 2009.

P2600

Standard for Information Technology: Hardcopy Device and System Security

Recommendation: Approve request for an extension until December 31, 2009.

IEEE Computer Society/Microprocessors and Microcomputers

P1363.1

Standard Specification for Public-Key Cryptographic Techniques Based on Hard Problems over Lattices

Recommendation: Approve request for an extension until December 31, 2008.

P1363.2

Standard Specification for Password-Based Public-Key Cryptographic Techniques

Recommendation: Approve request for an extension until December 31, 2008.

P1175.4

IEEE Standard for CASE Tool Interconnections - Reference Model for Specifying System Behavior

Recommendation: Approve request for an extension until December 31, 2008.

P1644

Recommended Practice for Software Nomenclature - Software Naming Conventions for Application Software

Recommendation: Approve request for an extension until December 31, 2009.

P1648

Recommended Practice for Establishing and Managing Software Development Efforts Using Agile Methods

Recommendation: Approve request for an extension until December 31, 2009.

P1581

Standard for Static Component Interconnection Test Protocol and Architecture

Recommendation: Approve request for an extension until December 31, 2009.

P11073-00000

Standard for Health informatics - Point-of-care medical device communication - Framework and overview

Recommendation: Approve request for an extension until December 31, 2009.

P11073-20000

Standard for Health informatics - Point-of-care medical device communication - Application profile - Framework and overview

Recommendation: Approve request for an extension until December 31, 2009.

P11073-20202

Standard for Health informatics - Point-of-care medical device communication - Application profile - Baseline asynchronous mode

Recommendation: Approve request for an extension until December 31, 2009.

P11073-60101

Standard for Health informatics - Point-of-care medical device communication - Application gateway - HL7 (ver 2.x), Observation reporting interface (ORI)

Recommendation: Approve request for an extension until December 31, 2009.

P1302

Guide for the Electromagnetic Characterisation of Conductive Gaskets in the frequency range of DC to 18 GHz

Recommendation: Approve request for an extension until December 31, 2008.

P1642

Recommended Practice for Protecting Public Accessible Computer Systems from Intentional EMI

Recommendation: Approve request for an extension until December 31, 2010.

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1584

Guide for Performing Arc-Flash Hazard Calculations

Recommendation: Approve request for an extension until December 31, 2011.

IEEE Power Engineering Society/Insulated Conductors

P1299

Guide for the Connection of Surge Arresters to Protect Insulated, Shielded Electric Power Cable Systems

Recommendation: Approve request for an extension until December 31, 2008.

IEEE Power Engineering Society/Nuclear Power Engineering

P384

Standard Criteria for Independence of Class 1E Equipment and Circuits

Recommendation: Approve request for an extension until December 31, 2008.

P603

Standard Criteria for Safety Systems for Nuclear Power Generating Stations

Recommendation: Approve request for an extension until December 31, 2009.

IEEE Power Engineering Society/Power System Relaying

PC37.91

Guide for Protecting Power Transformers

Recommendation: Approve request for an extension until December 31, 2008.

IEEE Power Engineering Society/Surge Protective Devices/Low Voltage

PC62.35

Standard Test Specifications for Avalanche Junction Semiconductor Surge Protective Devices

Recommendation: Approve request for an extension until December 31, 2008.

PC62.44

Guide for the Application of Low-Voltage (1000 Volts rms or Less) Surge Protective Devices Used on Secondary Distribution Systems (Between the Transformer Low-Voltage Terminals and the Line Side of the Service Entrance Panel)

Recommendation: Approve request for an extension until December 31, 2008.

IEEE Power Engineering Society/Switchgear

PC37.04b

Amendment to "IEEE Standard for Rating Structure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis" to change the description of Transient Recovery Voltage for harmonization with IEC 60056

Recommendation: Approve request for an extension until December 31, 2008.

PC37.06

Standard for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Preferred Ratings and

Related Required Capabilities for Voltages above 1000 Volts

Recommendation: Approve request for an extension until December 31, 2008.

PC37.30.1

Standard Requirements For High Voltage Air Switches And Interrupting Switches for Alternating Current, Rated Above 1,000 Volts

Recommendation: Approve request for an extension until December 31, 2009.

PC37.43

Standard Specifications for High-Voltage Expulsion, Current-Limiting and Combination Type Distribution and Power Class External Fuses, With Rated Voltages from 1 through 38 kV, Used for the Protection of Shunt Capacitors

Recommendation: Approve request for an extension until December 31, 2008.

IEEE Power Engineering Society/Transmission and Distribution

P1651

Standard for Guidelines for Reducing Bird Related Outages

Recommendation: Approve request for an extension until December 31, 2009.

P977

Guide to Installation of Foundations for Transmission Line Structures

Recommendation: Approve request for an extension until December 31, 2008.

IEEE Power Engineering Society/Transformers

PC57.12.60

Standard Test Procedure for Thermal Evaluation of Insulation Systems for Dry Type Power and Distribution Transformers, Including Ventilated, Solid-Cast and Resin Encapsulated Transformers

Recommendation: Approve request for an extension until December 31, 2009.

PC57.13

Standard Requirements for Instrument Transformers

Recommendation: Approve request for an extension until December 31, 2008.

PC57.130

IEEE Trial-Use Guide for the Use of Dissolved Gas Analysis During Factory Temperature Rise Tests for the Evaluation of Oil-Immersed Transformers and Reactors

Recommendation: Approve request for an extension until December 31, 2009.

PC57.131

Standard Requirements for Tap Changers

Recommendation: Approve request for an extension until December 31, 2009.

PC57.147

Guide for Acceptance and Maintenance of Natural Ester Fluids in Transformers

Recommendation: Approve request for an extension until December 31, 2008.

PC57.21

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

Recommendation: Approve request for an extension until December 31, 2008.

IEEE-SA Standards Board/SCC21 - Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage

P1547.2

Application Guide for IEEE Standard 1547, Interconnecting Distributed Resources with Electric Power Systems

Recommendation: Approve request for an extension until December 31, 2009.

P1547.4

Guide for Design, Operation, and Integration of Distributed Resource Island Systems with Electric Power Systems

Recommendation: Approve request for an extension until December 31, 2009.

IEEE-SA Standards Board/SCC22 - Power Quality

P519.1

Guide for Applying Harmonic Limits on Power Systems

Recommendation: Approve request for an extension until December 31, 2009.

IEEE-SA Standards Board/SCC39 - International Committee on Electromagnetic Safety

PC95.3.1

Recommended Practice for Measurements and Computation of Electric, Magnetic and Electromagnetic Fields With Respect to Human Exposure to Such Fields, 0 - 100 kHz

Recommendation: Approve request for an extension until December 31, 2009.

New PARs

IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

P1780

Standard Specification Format Guide and Test Procedure for Inertial Measurement Units (IMU)

Recommendation: Approve new PAR until December 2011

IEEE Computer Society/Design Automation

P1734

Standard for Intellectual Property (IP) Quality

Recommendation: Defer pending review of title. Robby Robson appointed as mentor.

P1735

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

Recommendation: Defer pending review of title. Robby Robson appointed as mentor.

IEEE Computer Society/Local and Metropolitan Area Networks

P802.15.4e

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) -

Amendment: Amendment to the MAC sub-layer

Recommendation: Approve new PAR until December 2011

P802.15.6

Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 15.6: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Wireless Personal Area Networks (WPANs) used in or around a body.

Recommendation: Approve new PAR until December 2011

P802.3ba

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 40 Gb/s and 100 Gb/s Operation

Recommendation: Approve new PAR until December 2011

IEEE Computer Society/Microprocessors and Microcomputers

P1733

Standard for Layer 3 Transport Protocol for Time Sensitive Applications in Local Area Networks

Recommendation: Approve new PAR until December 2011

IEEE Computer Society/Portable Applications

P1003.27

Information technology POSIX® C++ Language Interfaces Binding for System Application Program Interface (API)

Recommendation: Approve new PAR until December 2011

IEEE Computer Society/Software & Systems Engineering Standards Committee

P24748

Systems and software engineering Guide for life cycle management

Recommendation: Approve new PAR until December 2011

IEEE Computer Society/Standards Activities Board

P1680.1

Standard for Environmental Assessment of Personal Computer Products, including Laptop Computers, Desktop Personal Computers, and Personal Computer Monitors

Recommendation: Approve new PAR until December 2011

IEEE Engineering in Medicine and Biology Society/11073 Committee

P11073-10202

Standard for Health informatics - Point-of-care medical device communication - Domain information model (DIM) - XML schema format

Recommendation: Approve new PAR until December 2011

IEEE Instrumentation and Measurement Society/IEEE Instrumentation and Measurement Society

P1721

Standard for Objective Measurement of Systemic Arterial Blood Pressure in Humans

Recommendation: Defer due to lack of response

IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee

P1549

Standard for Microwave Filter Definitions

Recommendation: Approve new PAR until December 2011

IEEE Power Engineering Society/Nuclear Power Engineering

P1707

Recommended Practice for the Investigation of Events at Nuclear Facilities

Recommendation: Approve new PAR until December 2011

Modified PARs

IEEE Communications Society/Transmission Access & Optical Systems

P1329

Standard Method for Measuring Transmission Performance of Speakerphones

Recommendation: Approve modified PAR.

IEEE Engineering in Medicine and Biology Society/11073 Committee

P11073-00000

Standard for Health informatics - Point-of-care medical device communication - Framework and overview

Recommendation: Approve modified PAR.

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1900.3

Standard for Assessing the Spectrum Access Behavior of Radio Systems Employing Dynamic Spectrum Access Methods

Recommendation: Approve modified PAR.

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1584

Guide for Performing Arc-Flash Hazard Calculations

Recommendation: Deferred pending review of PAR section 5.5. Ben Johnson assigned as mentor.

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

P1057

Standard for Digitizing Waveform Recorders

Recommendation: Approve modified PAR.

IEEE Power Engineering Society/Electric Machinery

P1776

Recommended Practice for Thermal Evaluation of Unsealed or Sealed Insulation Systems for AC Electric Machinery Employing Form-Wound Pre-insulated Stator Coils for Machines Rated 15000 V and Below

Recommendation: Approve modified PAR.

IEEE Power Engineering Society/Power System Relaying

PC37.91

Guide for Protecting Power Transformers

Recommendation: Approve modified PAR.

IEEE Power Engineering Society/Surge Protective Devices/Low Voltage

PC62.35

Standard Test Methods for Avalanche Junction Semiconductor Surge-Protective Device Components

Recommendation: Approve modified PAR.

IEEE Power Engineering Society/Switchgear

PC37.04b

Amendment to "IEEE Standard for Rating Structure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis" to change the description of Transient Recovery Voltage for harmonization with IEC 62271-100

Recommendation: Approve modified PAR.

PC37.41

Standard design tests for high-voltage (>1000 V) fuses, fuse and disconnecting cutouts, distribution enclosed single-pole air switches, fuse disconnecting switches, and fuse links and accessories used with these devices.

Recommendation: Approve modified PAR.

PC37.43

Standard Specifications for High-Voltage Expulsion, Current-Limiting and Combination Type Distribution and Power Class External Fuses, With Rated Voltages from 1 kV through 38 kV, Used for the Protection of Shunt Capacitors

Recommendation: Approve modified PAR.

IEEE Power Engineering Society/Transmission and Distribution

P1651

Guide for Reducing Bird Related Outages

Recommendation: Approve modified PAR.

IEEE Power Engineering Society/Transformers

PC57.12.51

Standard for Ventilated Dry-type Power Transformers, 501 kVA and Larger, Three-Phase, with High-Voltage 601 to 34500 Volts; Low-Voltage 208Y/120 to 4160 Volts - General Requirements

Recommendation: Approve modified PAR.

PC57.12.60

Standard Test Procedure for Thermal Evaluation of Insulation Systems for Dry Type Power and Distribution Transformers, Including Open-Wound, Solid-Cast and Resin Encapsulated Transformers

Recommendation: Approve modified PAR.

PARs for the Revision of Standards

IEEE Computer Society/Information Assurance

P1667

Standard Protocol for Authentication in Host Attachments of Transient Storage Devices

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

IEEE Computer Society/Standards Activities Board

P1680

Standard for Environmental Assessment of Electronic Products

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

IEEE Computer Society/Storage Systems

P1244.1

Standard for Media Management System (MMS) Architecture

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

P1244.2

Standard for Media Management System (MMS) Session Security, Authentication, Initialization Protocol (SSAIP)

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

P1244.3

Standard for Media Management System (MMS) Media Management Protocol (MMP)

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

P1244.4

Standard for Media Management System (MMS) Drive Management Protocol (DMP)

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

P1244.5

Standard for Media Management System (MMS) Library Management Protocol (LMP)

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

IEEE Communications Society/Transmission Access & Optical Systems

P269

Standard Methods for Measuring Transmission Performance of Analog and Digital Telephone Sets, Handsets, and Headsets

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

IEEE Industry Applications Society/Petroleum & Chemical Industry

P515

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

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

P576

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

Recommendation: Defer due to lack of response

IEEE Power Engineering Society/Insulated Conductors

P400

IEEE Guide for Field Testing and Evaluation of the Insulation of Shielded Power Cable Systems Rated 5kV and Above

Recommendation: Approve PAR for the revision of a standard until December 2011. Abstain (1)

P575

Guide for Bonding Sheaths and Shields of Single-Conductor Power Cables Rated 5 - 500 kV

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

IEEE Power Engineering Society/Nuclear Power Engineering

P622

Recommended Practice for the Design and Installation of Electric Heat Tracing Systems for Nuclear Power Generating Systems

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

IEEE Power Engineering Society/Stationary Batteries Committee

P1187

Recommended Practice for Installation Design and Installation of Valve-Regulated Lead-Acid Batteries for Stationary Applications

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

IEEE Power Engineering Society/Substations

P998

Guide for Direct Lightning Stroke Shielding of Substations

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

IEEE Power Engineering Society/Transmission and Distribution

P18

Standard for Shunt Power Capacitors

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

IEEE Power Engineering Society/Transformers

PC57.19.03

Standard Requirements, Terminology, and Test Code for Bushings for DC Applications Rated 110 kV BIL and Above

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

P1505

Standard for Receiver Fixture Interface

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