

NesCom Recommendations

**IEEE-SA Standards Board New Standards Committee
(NesCom) Recommendations
6 December 2011 [SASB approved: 7 December 2011]****Withdrawal Requests**

IEEE Engineering in Medicine and Biology Society/IEEE 11073TM Standards Committee

P11073-10202

Standard for Health informatics - Point-of-care medical device communication - Domain information model (DIM) - XML schema format
Recommendation: Approve PAR withdrawal.

P11073-20301

Standard for Health informatics - Point-of-care medical device communication - Application Profile – Optional package, remote control
Recommendation: Approve PAR withdrawal.

P11073-20401

Standard for Health Informatics - Point-of-Care Medical Device Communication - Application Profile – Common Networking Infrastructure
Recommendation: Approve PAR withdrawal.

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.1

Standard for A Smart Transducer Interface for Sensors and Actuators - Network Capable Application Processor (NCAP) Information Model
Recommendation: Defer PAR withdrawal.

IEEE Power and Energy Society/Insulated Conductors

P1299

Guide for the Connection of Surge Arresters to Protect Insulated, Shielded Electric Power Cable Systems
Recommendation: Approve PAR withdrawal.

IEEE Power and Energy Society/Power System Relaying

PC37.113

Guide for Protective Relay Applications to Transmission Lines
Recommendation: Approve PAR withdrawal.

NesCom Recommendations

IEEE Power and Energy Society/Transformers

PC57.12.37a

IEEE Standard for the Electronic Reporting of Distribution Transformer Test Data - Amendment: Updating to Include Efficiency Fields

Recommendation: Approve PAR withdrawal.

PC57.32

Standard Requirements, Terminology and Test Procedures for Neutral Grounding Devices

Recommendation: Approve PAR withdrawal.

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

P1528.4

Recommended Practice for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz: Requirements for Using the Finite-Element Method for SAR Calculations, specifically involving Vehicle Mounted Antennas and Personal Wireless Devices

Recommendation: Approve PAR withdrawal.

Modified PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.6

Standard for Wireless Body Area Networks

Recommendation: Approve modified PAR

P802.16n

IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Broadband Wireless Access

Systems Amendment: Higher Reliability Networks

Recommendation: Approve modified PAR

P802.16p

IEEE Standard for Air Interface for Broadband Wireless Access Systems Amendment: Enhancements to Support Machine-to-Machine Applications

Recommendation: Approve modified PAR

IEEE Computer Society/Software & Systems Engineering Standards Committee

P828

Standard for Configuration Management in Systems and Software

NesCom Recommendations

Engineering

Recommendation: Approve modified PAR

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.2

Standard for a Smart Transducer Interface for Sensors and Actuators - Serial Point-to-Point Interface

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Power System Communications

P1138-2009/Cor 1

Standard for Testing and Performance for Optical Ground Wire (OPGW) for Use on Electric Utility Power Lines - Corrigendum 1: Stress Strain Temperature Correction

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Switchgear

P62271-37-082

Standard for High-voltage switchgear and controlgear - Part 37-082: Measurement of sound pressure levels on alternating current circuit-breakers

Recommendation: Approve modified PAR

IEEE-SASB Coordinating Committees/SCC31 - Automatic Meter Reading and Energy Management

P1705

Standard for Compliance Testing to Utility Industry Metering Communications Protocol Standards

Recommendation: Conditionally approve modified PAR contingent on working group chair information being added to the PAR form

Extension Requests

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.4e

IEEE Standard for Local and Metropolitan Area Networks Part 15.4: Low Rate Wireless Personal Area Networks (LR-WPANs) Amendment to the MAC sub-layer

Recommendation: Approve request for an extension until December 2012

P802.15.6

Standard for Information Technology - Telecommunications and Information

NesCom Recommendations

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 request for an extension until December 2012

IEEE Computer Society/Microprocessor Standards Committee

P1363

Standard Specifications for Public Key Cryptography

Recommendation: Approve request for an extension until December 2012

P1363.3

Standard for Identity-Based Cryptographic Techniques using Pairings

Recommendation: Approve request for an extension until December 2012

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

P1278.1

Standard for Distributed Interactive Simulation - Application Protocols

Recommendation: Approve request for an extension until December 2012

IEEE Computer Society/Test Technology

P1450.6.2

Standard for Memory Modeling in Core Test Language (CTL)

Recommendation: Approve request for an extension until December 2012

IEEE Engineering in Medicine and Biology Society/IEEE 11073TM Standards Committee

P11073-00103

Guide for Health Informatics - Personal Health Device Communication - Overview

Recommendation: Approve request for an extension until December 2012

P11073-10103

Standard for Health informatics - Point-of-care medical device communication - Nomenclature – Implantable device, cardiac

Recommendation: Approve request for an extension until December 2012

NesCom Recommendations

IEEE Engineering in Medicine and Biology Society/Standards Committee

P1708

Standard for Wearable Cuffless Blood Pressure Measuring Devices

Recommendation: Approve request for an extension until December 2012

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 request for an extension until December 2012

P1584

Guide for Performing Arc-Flash Hazard Calculations

Recommendation: Approve request for an extension until December 2013

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.2

Standard for a Smart Transducer Interface for Sensors and Actuators - Transducer to Microprocessor Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats

Recommendation: Approve request for an extension until December 2012

IEEE Power and Energy Society/Insulated Conductors

P575

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

Recommendation: Approve request for an extension until December 2012

P971

Guide for the Installation and Removal of Power Cables Installed in Duct Systems

Recommendation: Approve request for an extension until December 2013

P1300

Guide for Cable Connections for Gas Insulated Substations

Recommendation: Approve request for an extension until December 2012

NesCom Recommendations

P1718

Guide for Temperature Monitoring of Cable Systems

Recommendation: Approve request for an extension until December 2012

IEEE Power and Energy Society/Power System Communications

PC93.4

Standard for Power-Line Carrier Line-Tuning Equipment (30-500 kHz)
Associated With Power Transmission Lines

Recommendation: Approve request for an extension until December 2012

IEEE Power and Energy Society/Power System Relaying

PC37.111

Standard for Common Format for Transient Data Exchange (COMTRADE) for
Power Systems

Recommendation: Approve request for an extension until December 2012

PC37.236

Guide for Power System Protective Relay Applications over Digital
Communication Channels

Recommendation: Approve request for an extension until December 2012

IEEE Power and Energy Society/Stationary Batteries Committee

P1187

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

Recommendation: Approve request for an extension until December 2012

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

PC62.92.3

Guide for the Application of Neutral Grounding in Electrical Utility Systems,
Part III--Generator Auxiliary Systems

Recommendation: Approve request for an extension until December 2012

IEEE Power and Energy Society/Surge Protective Devices/Low Voltage

PC62.37.1

Guide for the Application of Thyristor Surge Protective Device Components

Recommendation: Approve request for an extension until December

2012

IEEE Power and Energy Society/Substations

P979

Guide for Substation Fire Protection

Recommendation: Approve request for an extension until December 2012

P998

Guide for Direct Lightning Stroke Shielding of Substations

Recommendation: Approve request for an extension until December 2013

P1677

Application and User Guide for Gas-Insulated Transmission Lines (GIL),
Rated 72.5 kV and Above

Recommendation: Approve request for an extension until December 2012

IEEE Power and Energy Society/Transmission and Distribution

P18

Standard for Shunt Power Capacitors

Recommendation: Approve request for an extension until December 2013

P1409

Guide for the Application of Power Electronics for Power Quality
Improvement on Distribution Systems Rated 1 kV Through 38 kV

Recommendation: Approve request for an extension until December 2012

P1564

Guide for Voltage Sag Indices

Recommendation: Approve request for an extension until December 2013

P1726

Guide for the Functional Specification of Fixed Transmission Series Capacitor
Banks for Transmission System Applications

Recommendation: Approve request for an extension until December 2012

IEEE Power and Energy Society/Transformers

P638

Standard for Qualification of Class 1E Transformers for Nuclear Power

NesCom Recommendations

Generating Stations

Recommendation: Approve request for an extension until December 2012

P65700-19-03

Standard for Bushings for DC application

Recommendation: Approve request for an extension until December 2013

PC57.12.52

Standard for Sealed 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 request for an extension until December 2012

PC57.17

Standard Requirements for Arc Furnace Transformers

Recommendation: Approve request for an extension until December 2012

PC57.19.100

Guide for Application of Power Apparatus Bushings

Recommendation: Approve request for an extension until December 2012

PC57.98

Guide for Transformer Impulse Tests

Recommendation: Approve request for an extension until December 2012

PC57.131

Standard Requirements for Tap Changers

Recommendation: Approve request for an extension until December 2012

PC57.150

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

Recommendation: Approve request for an extension until December 2012

IEEE-SASB Coordinating Committees/SCC31 - Automatic Meter Reading and Energy Management

P1377

Standard for Utility Industry Metering Communication Protocol Application Layer (End Device Data Tables)

Recommendation: Approve request for an extension until December 2012

P1705

Standard for Compliance Testing Standard for Utility Industry Metering Communications Protocol Standards

Recommendation: Approve request for an extension until December 2013

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1478

Standard for Environmental Conditions for Transit Rail Car Electronic Equipment

Recommendation: Approve request for an extension until December 2012

P1629

Standard for Performance of dc Overhead Current Collectors for Transit Vehicles

Recommendation: Approve request for an extension until December 2012

P1630

Standard for Supporting Structures for Overhead Contact Systems for Transit Systems

Recommendation: Approve request for an extension until December 2012

P1653.1

Standard for Traction Power Rectifier Transformers for Substation Applications up to 1500 Volts dc Nominal Output

Recommendation: Approve request for an extension until December 2012

New PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.9

Recommended Practice for Transport of Key Management Protocol (KMP) Datagrams

Recommendation: Approve new PAR until December 2015

P802.16.1a

Standard for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems - Amendment: Higher Reliability Networks

Recommendation: Approve new PAR until December 2015

P802.16.1b

Standard for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems - Amendment: Enhancements to Support Machine-to-Machine Applications

Recommendation: Approve new PAR until December 2015

P802.22b

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: Enhancement for Broadband Services and Monitoring Applications

Recommendation: Approve new PAR until December 2015

IEEE Communications Society/Standards Committee

P1903.1

Standard for Content Delivery Protocols of Next Generation Service Overlay Network (NGSON)

Recommendation: Approve new PAR until December 2015

P1903.2

Standard for Service Composition Protocols of Next Generation Service Overlay Network (NGSON)

Recommendation: Approve new PAR until December 2015

P1903.3

Standard for Self-Organizing Management Protocols of Next Generation Service Overlay Network (NGSON)

Recommendation: Approve new PAR until December 2015

P1908.1

Virtual Keyboard Standard for Indic Languages

Recommendation: Approve new PAR until December 2015

P1909.1

Recommended Practice for Smart Grid Communication Equipment -Test methods and installation requirements

Recommendation: Approve new PAR until December 2015

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P1451S

Recommended Practice for Signal Treatment Applied to Smart Transducers

Recommendation: Defer approval of new PAR while project

numbering is worked out

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.1

Standard for Smart Transducer Interface for Sensors and Actuators -
Common Network Services

Recommendation: Defer approval of new PAR. PAR should have been submitted as a PAR for Revision.

P1451.1D

Standard for a Smart Transducer Interface for Sensors, Actuators, and
Devices - eXtensible Messaging and Presence Protocol (XMPP) for Networked
Device Communication

Recommendation: Defer approval of new PAR while project numbering is worked out

IEEE Power and Energy Society/Insulated Conductors

P1202-2006/Cor 1

Standard for Flame-Propagation Testing of Wire & Cable - Corrigendum 1

Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Power System Communications

P487.4

Standard for the Electrical Protection of Communication Facilities Serving
Electric Supply Locations Through the Use of Neutralizing Transformers

Recommendation: Approve new PAR until December 2015

P487.5

Standard for the Electrical Protection of Communication Facilities Serving
Electric Supply Locations Through the Use of Isolation Transformers

Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Switchgear

PC37.30.3

Standard Requirements for High Voltage Interrupter Switches, Interrupters
or Interrupting Aids used on or attached to High Voltage Switches Rated for
Alternating Currents above 1000 Volts

Recommendation: Defer approval of new PAR to clarify information. Ted Olsen assigned as mentor

IEEE Power and Energy Society/Transformers

PC57.157

Guide for Conducting Functional Life Tests for De-energized Tap-changer

NesCom Recommendations

Contacts

Recommendation: Approve new PAR until December 2015

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

P62704-4

Standard for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz: General Requirements for Using the Finite Element Method (FEM) for SAR Calculations and Specific Requirements for Modeling Vehicle-Mounted Antennas and Personal Wireless Devices

Recommendation: Approve new PAR until December 2015

PARs for the Revision of Standards

IEEE Engineering in Medicine and Biology Society/IEEE 11073TM Standards Committee

P11073-20601

Standard for Health Informatics - Personal Health Device Communication - Application Profile – Optimized Exchange Protocol

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

IEEE Power and Energy Society/Insulated Conductors

PC62.22.1

Guide for the Connection of Surge Arresters to Protect Insulated Shielded Electric Power Cable Systems Up to 46 kV

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

IEEE Power and Energy Society/Power System Relaying

PC37.113

Guide for Protective Relay Applications to Transmission Lines

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

IEEE Power and Energy Society/Surge Protective Devices/Low Voltage

PC62.48

Guide for Interactions Between Power System Disturbances and Surge Protective Devices

Recommendation: Defer approval of PAR for the revision of a standard due to an outstanding comment

IEEE Power and Energy Society/Switchgear

PC37.30.4

Standard for Test Code for Switching and Fault Making Tests for High Voltage Interrupter Switches, Interrupters or Interrupting Aids used on or attached to High Voltage Switches Rated for Alternating Currents Above 1000 Volts.

Recommendation: Defer approval of PAR for the revision of a standard until it is brought into synch with PC37.30.3. Ted Olsen assigned as mentor

PC37.60

Standard for High-voltage switchgear and controlgear - Part 111: Automatic Circuit Reclosers and Fault Interrupters for Alternating Current Systems Up to 38 kV

Recommendation: Approve Modified PAR [PAR was originally submitted as a revision PAR. It has been changed to and approved as a modified PAR but can not be moved to correct PAR type on agenda due to system issue]

PC37.100.1

Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V

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

IEEE Power and Energy Society/Transformers

P1276

Guide for the Application of High-Temperature Insulation Materials in Liquid-Immersed Power Transformers

Recommendation: Defer approval of PAR for the revision of a standard due to an outstanding comment

PC57.12.36

Standard Requirements for Liquid-Immersed Distribution Substation Transformers

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

PC57.12.37

Standard for the Electronic Reporting of Distribution Transformer Test Data

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

PC57.12.59

Guide for Dry-Type Transformer Through-Fault Current Duration

Recommendation: Approve PAR for the revision of a standard until

December 2015

PC57.32

Standard Requirements, Terminology, and Test Procedures for Neutral Grounding Devices

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

PC57.134

Guide for Determination of Hottest-Spot Temperature in Dry-Type Transformers

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

IEEE-SASB Coordinating Committees/SCC04 - Electrical Insulation

P98

Standard for the Preparation of Test Procedures for the Thermal Evaluation of Solid Electrical Insulating Materials

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

PARS FOR ADMINISTRATIVE WITHDRAWAL

P1780 AES/GA

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

P1700 C/IA

Standard for Information System Security Assurance Architecture (ISSAA)

P802.11mb C/LM

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: Accumulated maintenance changes

P1003.27 C/PA

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

1723 C/S2ESC

Standard for SOA (Service-Oriented Architecture) Solution Reference Architecture

P1244.2 C/SS

Standard for Media Management System (MMS) Session Security,

NesCom Recommendations

Authentication, Initialization Protocol (SSAIP)

P1244.3 C/SS

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

P1244.4 C/SS

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

P1244.5 C/SS

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

P11073-30503 EMB/11073

Standard for Health informatics - Point-of-care medical device communication - Transport profile - RF wireless - Local area network (wLAN)

P1642 EMC/SDCom

Recommended Practice for Protecting Public Accessible Computer Systems from Intentional EMI

P1095 PE/ED&PG

Guide for the Installation of Vertical Generators and Generator/Motors for Hydroelectric Applications

P1719 PE/EM

Guide for Evaluating Stator Cores of AC Synchronous Electric Machines Rated 1 MVA and Higher

P622 PE/NPE

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

PC37.237 PE/PSR

Recommended Practice for Time Tagging of Power System Protection Events

P1127a PE/SUB

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

PC37.68 PE/SWG

Guide for the Requirements for Microprocessor-Based Controls for Distribution Pole-Mount and Padmount Switchgear Rated above 1kV up to 38kV

NesCom Recommendations

P1547.5 SASB/SCC21
Guide for Technical Guidelines