

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations

[SASB approval date: 10-Dec-2014]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

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

P11073-10201

Standard for Health Informatics - Point-of-Care Medical Device Communication - Domain Information Model

Recommendation: Approve PAR withdrawal.

P11073-10413

Standard for Health Informatics - Personal Health Device Communication - Device Specialization - Respiration Rate Monitor

Recommendation: Approve PAR withdrawal.

P11073-10417a

Health Informatics - Personal Health Device Communication Part 10417: Device Specialization - Glucose Meter Amendment 1

Recommendation: Approve PAR withdrawal.

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3005.3

Recommended Practice for the Application of Stored-Energy Systems for Use in Emergency and Stand-By Power Systems

Recommendation: Approve PAR withdrawal.

IEEE Power and Energy Society/Transformers

PC57.13-2008/Cor 1

Standard Requirements for Instrument Transformers - Corrigendum 1: Figure 3 Correction

Recommendation: Approve PAR withdrawal.

PC57.121a

Guide for Acceptance and Maintenance of Less Flammable Hydrocarbon Insulating Liquid in Transformers: Amendment a

Recommendation: Approve PAR withdrawal.

PC57.136

Guide for Sound Level Abatement and Determination for Liquid-Immersed Power Transformers and Shunt Reactors Rated Over 500 kVA

Recommendation: Approve PAR withdrawal.

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

P1704

Standard for Utility Industry End Device Communications Module
Recommendation: Approve PAR withdrawal.

Modified PARs

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3005.4

Recommended Practice for Design and Operational Considerations for Improving the Reliability of Emergency and Stand-By Power Systems

Recommendation: Approve modified PAR

IEEE Nanotechnology Council/Standards Committee

P62659

Standard for Large Scale Manufacturing of Nanoelectronics

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Substations

P1402

Guide for Physical Security of Electric Power Substations

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Transformers

P60076-16

Power Transformers - Part 16: Transformers for Wind Turbine Application

Recommendation: Approve modified PAR

PC57.12.59

Guide for Dry-Type Transformer Through-Fault Current Duration

Recommendation: Approve modified PAR

PC57.153

Guide for Paralleling Regulating Transformers

Recommendation: Approve modified PAR

PC57.157

Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid Filled Transformers

Recommendation: Approve modified PAR

IEEE Reliability Society/IEEE Reliability

P61014

Standard for Programmes for Reliability Growth

Recommendation: Approve modified PAR

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

P62704-3

Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz Part 3: Specific Requirements for using the Finite Difference Time Domain (FDTD) Method for SAR Calculations of Mobile Phones

Recommendation: Approve modified PAR

Extension Requests

IEEE Computer Society/Information Assurance

P1667

Standard for Discovery, Authentication, and Authorization in Host Attachments of Storage Devices

Recommendation: Approve request for an extension until December 2015

IEEE Computer Society/Learning Technology

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 request for an extension until December 2015

IEEE Computer Society/Software & Systems Engineering Standards Committee

P1062

Recommended Practice for Software Acquisition

Recommendation: Approve request for an extension until December 2015

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

P1278.2

Standard for Distributed Interactive Simulation (DIS) - Communication Services and Profiles

Recommendation: Approve request for an extension until December 2015

IEEE Computer Society/Test Technology

P1804

Standard for Fault Accounting and Coverage Reporting to Digital Modules (FACR)

Recommendation: Approve request for an extension until December 2015

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

P11073-10101

Standard for ISO/11073-10101:2004, Health Informatics - Point-of-Care Medical Device Communication - Nomenclature

Recommendation: Approve request for an extension until December 2016

P11073-10419

Standard for Health Informatics - Personal Health Device Communication - Device Specialization - Insulin Pump

Recommendation: Approve request for an extension until December 2015

P11073-20101

Standard for ISO/11073-20101:2004, Health Informatics - Point-of-Care Medical Device Communication - Application Profile - Base Standard

Recommendation: *Approve request for an extension until December 2016*

IEEE Industry Applications Society/Petroleum & Chemical Industry

P45.3

Recommended Practice for Shipboard Electrical Installations - Systems Engineering

Recommendation: *Approve request for an extension until December 2015*

P45.4

Recommended Practice for Electrical Installations on Shipboard - Marine Sectors and Mission Systems

Recommendation: *Defer until January 2015 Continuous Process teleconference*

P45.6

Recommended Practice for Electrical Installations on Shipboard - Electrical Testing

Recommendation: *Approve request for an extension until December 2016*

P1242

Guide for Specifying and Selecting Power, Control, and Special-Purpose Cable for Petroleum and Chemical Plants

Recommendation: *Approve request for an extension until December 2016*

P60079-30-1

Explosive Atmospheres - Part 30-1: Electrical Resistance Trace Heating - General and Testing Requirements

Recommendation: *Approve request for an extension until December 2016*

P60079-30-2

Explosive Atmospheres - Part 30-2: Electrical Resistance Trace Heating - Application Guide for Design, Installation, and Maintenance

Recommendation: *Approve request for an extension until December 2016*

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3002.2

Recommended Practice for Conducting Load-Flow Studies of Industrial and Commercial Power Systems

Recommendation: *Approve request for an extension until December 2015*

P3002.3

Recommended Practice for Conducting Short-Circuit Studies of Industrial and Commercial Power Systems

Recommendation: *Approve request for an extension until December 2015*

P3002.7

Recommended Practice for Conducting Motor-Starting Studies in Industrial and Commercial Power Systems

Recommendation: *Approve request for an extension until December 2015*

P3002.8

Recommended Practice for Conducting Harmonic-Analysis Studies of Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2015

P3002.9

Recommended Practice for Conducting Switching-Transient Studies of Industrial and Commercial Power Systems

Recommendation: Disapprove request for an extension

P3003.1

Recommended Practice for the System Grounding of Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2016

P3004.3

Recommended Practice for the Application of Low-Voltage Fuses in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2016

P3004.8

Recommended Practice for Motor Protection in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2016

P3004.10

Recommended Practice for Generator Protection in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2016

P3004.11

Recommended Practice for Bus and Switchgear Protection in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2016

P3005.4

Recommended Practice for Improving the Reliability of Emergency and Stand-By Power Systems

Recommendation: Defer until January 2015 Continuous Process teleconference

P3005.7

Recommended Practice for the Application of Metering for Energy Management of Industrial and Commercial Power Systems

Recommendation: Defer until January 2015 Continuous Process teleconference

P3006.8

Recommended Practice for Analyzing Reliability Data for Equipment Used in Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2016

IEEE Instrumentation and Measurement Society/TC4 - High Frequency Measurement

P378

Recommended Practice for Scattering Parameter Measurements and Uncertainty Analysis Using Network Analyzers

Recommendation: Approve request for an extension until December 2016

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.4a

IEEE Standard for A Smart Transducer Interface for Sensors and Actuators - Mixed-Mode Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats - Amendment

Recommendation: Approve request for an extension until December 2016

IEEE Power and Energy Society/Energy Development & Power Generation

P810

Standard for Hydraulic Turbine and Generator Shaft Couplings and Shaft Runout Tolerances

Recommendation: Approve request for an extension until December 2015

IEEE Power and Energy Society/Electric Machinery

P112

Standard Test Procedure for Polyphase Induction Motors and Generators

Recommendation: Approve request for an extension until December 2015

P117

Standard Test Procedure for Thermal Evaluation of Systems of Insulating Materials for Random-Wound AC Electric Machinery

Recommendation: Approve request for an extension until December 2015

IEEE Power and Energy Society/Insulated Conductors

P400.4

Guide for Field-Testing of Shielded Power Cable Systems Rated 5 kV and Above with Damped Alternating Current Voltage (DAC)

Recommendation: Approve request for an extension until December 2016

P442

Guide for Soil Thermal Resistivity Measurement

Recommendation: Approve request for an extension until December 2016

IEEE Power and Energy Society/Nuclear Power Engineering

P1290

Guide for Motor Operated Valve (MOV) Motor Application, Protection, Control, and Testing in Nuclear Power Generating Stations

Recommendation: Approve request for an extension until December 2015

IEEE Power and Energy Society/Power System Relaying

PC37.241

Guide for Application of Optical Instrument Transformers for Protective Relaying

Recommendation: Approve request for an extension until December 2016

PC37.243

Guide for Application of Digital Line Current Differential Relays Using Digital Communication

Recommendation: Approve request for an extension until December 2016

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

PC62.82.2

Guide for the Application of Insulation Coordination

Recommendation: Approve request for an extension until December 2016

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

PC62.34

Standard for Test Methods and Performance of Low-Voltage (1000 V 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 Equipment)

Recommendation: Approve request for an extension until December 2016

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 2016

IEEE Power and Energy Society/Substations

P1267

Guide for Development of Specification for Turnkey Substation Projects

Recommendation: Approve request for an extension until December 2016

P1402

Standard for Physical Security of Electric Power Substations

Recommendation: Approve request for an extension until December 2017

P1527

Recommended Practice for the Design of Buswork Located in Seismically Active Areas

Recommendation: Approve request for an extension until December 2016

P1821

Guide for Usage of Design Tools for Power Electronic Building Blocks (PEBB) and PEBB Based Systems

Recommendation: Defer until January 2015 Continuous Process teleconference

PC37.122.4

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

Recommendation: Approve request for an extension until December 2015

PC37.123

Guide for Specifications for High Voltage Gas-Insulated Substations Rated 52 kV and Above

Recommendation: Approve request for an extension until December 2015

IEEE Power and Energy Society/Switchgear

P62271-37-013

High-Voltage Switchgear and Controlgear - Part 37-013: Alternating-Current Generator Circuit-Breakers

Recommendation: Approve request for an extension until December 2015

PC37.20.2

Standard for Metal-Clad Switchgear

Recommendation: Approve request for an extension until December 2015

PC37.66

Standard Requirements for Capacitor Switches for AC Systems (1 kV to 38 kV)

Recommendation: Approve request for an extension until December 2016

PC37.100.2

Standard for Common Requirements for Testing of AC Capacitance Current Switching Devices Over 1000 V

Recommendation: Approve request for an extension until December 2016

IEEE Power and Energy Society/Transmission and Distribution

P430

Standard Procedures for the Measurement of Radio Noise from Overhead Power Lines and Substations

Recommendation: Approve request for an extension until December 2016

P1048

Guide for Protective Grounding of Power Lines

Recommendation: Defer until January 2015 Continuous Process teleconference

P1829

Guide for Conducting Corona Tests on Hardware for Overhead Transmission Lines and Substations

Recommendation: Approve request for an extension until December 2016

IEEE Power and Energy Society/Transformers

PC57.13

Standard Requirements for Instrument Transformers

Recommendation: Approve request for an extension until December 2016

PC57.13.7

Standard for Current Transformers with a Maximum mA Secondary Current of 250 mA

Recommendation: Approve request for an extension until December 2016 - note: additional year per NesCom

PC57.104

Guide for the Interpretation of Gases Generated in Oil-Immersed Transformers

Recommendation: Approve request for an extension until December 2017

PC57.153

Guide for Paralleling Regulating Transformers

Recommendation: Approve request for an extension until December 2015

IEEE Power Electronics Society/Standards Committee

P1789

Recommended Practices of Modulating Current in High Brightness LEDs for Mitigating Health Risks to Viewers

Recommendation: Approve request for an extension until December 2015

IEEE-SASB Coordinating Committees/SCC20 - Test and Diagnosis for Electronic Systems

P1671.5

Standard for Automatic Test Markup Language (ATML) Test Adaptor Description

Recommendation: Approve request for an extension until December 2015

P1671.6

Standard for Automatic Test Markup Language (ATML) Test Station Description

Recommendation: Approve request for an extension until December 2015

IEEE-SASB Coordinating Committees/SCC21 - Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage

P1547.8

Recommended Practice for Establishing Methods and Procedures that Provide Supplemental Support for Implementation Strategies for Expanded Use of IEEE Standard 1547

Recommendation: Approve request for an extension until December 2015

P2030.2

Guide for the Interoperability of Energy Storage Systems Integrated with the Electric Power Infrastructure

Recommendation: Approve request for an extension until December 2015

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

PC95.1

Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic and Electromagnetic Fields, 0 Hz to 300 GHz

Recommendation: Approve request for an extension until December 2016

New PARs

IEEE Computer Society/Design Automation

P1800.2

Standard for Universal Verification Methodology Language Reference Manual

Recommendation: Approve new PAR until December 2018

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AS-2011/Cor 2

Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks - Corrigendum 2: Technical and Editorial Corrections

Recommendation: Approve new PAR until December 2018

P802.3bv

Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for 1000 Mb/s Operation Over Plastic Optical Fiber

Recommendation: Approve new PAR until December 2018

P802.3by

Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 25 Gb/s Operation

Recommendation: Approve new PAR until December 2018

IEEE Computer Society/Microprocessor Standards Committee

P1363.3-2013/Cor 1

Standard for Identity-Based Cryptographic Techniques Using Pairings - Corrigendum 1: Corrections to Citations

Recommendation: Approve new PAR until December 2018

IEEE Computer Society/Software & Systems Engineering Standards Committee

P15026-3

Adoption of Systems and software engineering --Systems and software assurance -- Part 3: Systems integrity levels

Recommendation: Approve new PAR until December 2018

IEEE Computer Society/Standards Activities Board

P1680.6

Standard for Environmental Assessment of Complex Set Top Boxes

Recommendation: Approve new PAR until December 2018

P1857.7

Standard for Adaptive Streaming

Recommendation: Approve new PAR until December 2018

IEEE Communications Society/Standards Development Board

P1904.3

Standard for Radio Over Ethernet Encapsulations and Mappings

Recommendation: Approve new PAR until December 2018

P1911.1

HDBaseT Specification Version 1.1.0

Recommendation: Approve new PAR until December 2018

P1911.2

HDBaseT Specification Version 2.0

Recommendation: Approve new PAR until December 2018

P1911.3

Standard for HDBaseT 5Play

Recommendation: Approve new PAR until December 2018

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

P11073-10702

Standard for Domain Information & Service Model for Service-Oriented Point-of-Care Medical Device Communication

Recommendation: Approve new PAR until December 2018

P11073-20601-2014/Cor 1

Health Informatics - Personal Health Device Communication - Part 20601: Application Profile- Optimized Exchange Protocol - Corrigendum 1

Recommendation: Approve new PAR until December 2018

P11073-20701

Standard for Service-Oriented Medical Device Exchange Architecture & Protocol Binding

Recommendation: Approve new PAR until December 2018

P11073-20702

Standard for Medical Devices Communication Profile for Web Services

Recommendation: Approve new PAR until December 2018

IEEE Engineering in Medicine and Biology Society/Standards Committee

P1847

Recommended Practice for Common Framework of Location-Based Services (LBS) for Healthcare

Recommendation: Approve new PAR until December 2018

IEEE-SASB Coordinating Committees/SCC20 - Test and Diagnosis for Electronic Systems

P1514

Recommended Practice for the Design and Integration of Fixtures Applied to Generic Test Interfaces of Automatic Test Systems

Recommendation: Approve new PAR until December 2018

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1653.5

Recommended Practice for Controlled Rectifiers for Traction Power Substation Applications

Recommendation: Defer until January 2015 Continuous Process teleconference

PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AB

Standard for Local and Metropolitan Area Networks - Station and Media Access Control Connectivity Discovery

Recommendation: Approve PAR for the revision of a standard until December 2018

P802.15.7

Standard for Short-Range Wireless Optical Communication

Recommendation: Approve PAR for the revision of a standard until December 2018

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

P11073-10417

Health Informatics - Personal Health Device Communication Part 10417: Device Specialization -Glucose Meter
Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE Power and Energy Society/Insulated Conductors

P1202

Standard for Testing Flame-Propagation and Smoke Generation of Cable or Splices/Connectors

Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE Power and Energy Society/Substations

P1613.1

Standard Environmental and Electromagnetic Compatibility (EMC) Testing Requirements for Intelligent Electronic Devices (IEDs) Installed in Transmission and Distribution Facilities

Recommendation: Conditionally approve PAR for the revision of a standard until December 2018; contingent upon staff making one minor edit to the PAR to spell out IED in the scope.

PC37.2

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

Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE Power and Energy Society/Switchgear

PC37.12

Guide for Specifications of High-Voltage Circuit Breakers (Over 1000 Volts)

Recommendation: Approve PAR for the revision of a standard until December 2018

PC37.13.1

Standard for Definite-Purpose Switching Devices for Use in Metal-Enclosed Low-Voltage (1000 Vac and Below) Power Circuit Breaker Switchgear

Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE Power and Energy Society/Transformers

PC57.129

Converter Transformers for HVDC Applications

Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE-SASB Coordinating Committees/SCC21 - Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage

P1547.1

Standard Conformance Test Procedures for Equipment Interconnecting Distributed Energy Resources with Electric Power Systems and Associated Interfaces

Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.2

Standard for Wireless Access in Vehicular Environments - Security Services for Applications and Management Messages

Recommendation: Approve PAR for the revision of a standard until December 2018

P1609.3

Standard for Wireless Access in Vehicular Environments (WAVE) - Networking Services

Recommendation: Approve PAR for the revision of a standard until December 2018

PARS FOR ADMINISTRATIVE WITHDRAWAL – DECEMBER 2014

P1817 (C/MSC)

Standard for Consumer-Ownable Digital Personal Property

(New PAR)

P1828 (C/S2ESC)

Standard for Systems with Virtual Components

(New PAR)

P1680.5 (C/SAB)

Standard for Environmental Assessment of Mobile Devices

(New PAR)

P1149.1.1 (C/TT)

Standard for Test Access Port Interface for Connection to Test Data Registers

(New PAR)

P1820 (DEI/SC)

Guide on the Selection of Transmission and Distribution Insulators with Respect to Cold Weather Conditions

(New PAR)

P1451.5-2007/Cor 1 (IM/ST)

IEEE Standard for a Smart Transducer Interface for Sensors and Actuator – Wireless Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats – Corrigendum 1

(New PAR)

P1289 (PE/NPE)

Guide for the Application of Human Factors Engineering in the Design of Computer-Based Monitoring and Control Displays for Nuclear Power Generating Stations and Other Nuclear Facilities

(Revision PAR)

PC62.62a (PE/SPDLV)

IEEE Standard Test Specifications for Surge Protective Devices for Low Voltage AC Power Circuits Amendment: Annex C (Informative) – Temporary Overvoltage (TOV) Test

(New PAR)

PC37.2a (PE/SUB)

IEEE Standard Electrical Power System Device Function Numbers, Acronyms, and Contact Designations: Amendment to Device 7 Definition and to Device 16 Suffix Letter Usage, Revision of One and Addition of New Acronyms

(New PAR)

P519.1 (PE/T&D)

Guide for Applying Harmonic Limits on Power Systems

(New PAR)