

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

[SASB approval date: 3-Sep-2015]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE-SA Board of Governors/Corporate Advisory Group

P2100.1

Standard Specifications for Wireless Power and Charging Systems

Recommendation: Approve PAR withdrawal

IEEE Computer Society/Learning Technology

P1484.12.3-2005/Cor 1

Standard for Extensible Markup Language (XML) Schema Definition Language Binding for Learning Object Metadata - Corrigendum 1: Corrigendum to Reflect the Learning Object Metadata Corrigendum (P1484.12.1-2002-Cor_1)

Recommendation: Approve PAR withdrawal

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

P11073-10404a

Health Informatics - Personal Health Device Communication - Device Specialization - Pulse Oximeter Amendment

Recommendation: Approve PAR withdrawal

P11073-10407a

Health Informatics - Personal Health Device Communication - Device Specialization - Blood Pressure Monitor Amendment

Recommendation: Approve PAR withdrawal

P11073-10408a

Health Informatics - Personal Health Device Communication Part 10408: Device Specialization - Thermometer Amendment

Recommendation: Approve PAR withdrawal

P11073-10415a

Health Informatics - Personal Health Device Communication - Device Specialization - Weighing Scale Amendment

Recommendation: Approve PAR withdrawal

P11073-10420a

Health Informatics - Personal Health Device Communication Part 10420: Device Specialization - Body Composition Analyzer Amendment

Recommendation: Approve PAR withdrawal

IEEE Power and Energy Society/Electric Machinery

P1415

Guide for Induction Machinery Maintenance Testing and Failure Analysis

Recommendation: Approve PAR withdrawal

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

P1877

Standard for Test Orchestration Interface (TOIF) for Orchestrating Resources, Observations, and Information via Web Services

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE-SA Board of Governors/Corporate Advisory Group

P2404

Standard for Power Plant De-Nitrogen Oxide (DeNO_x) Plate-Type Catalyst

Recommendation: Approve modified PAR

P2413

Standard for an Architectural Framework for the Internet of Things (IoT)

Recommendation: Approve modified PAR

IEEE Computer Society/LAN/MAN Standards Committee

P802.3bq

Standard for Ethernet Amendment: Physical Layer and Management Parameters for 25 Gb/s and 40 Gb/s Operation, Types 25GBASE-T and 40GBASE-T

Recommendation: Approve modified PAR

P802.15.9

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

Recommendation: Approve modified PAR

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

P1278.2

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

Recommendation: Approve modified PAR

IEEE Communications Society/Power Line Communications

P1901.2a

Standard for Low-Frequency (Less Than 500 kHz) Narrowband Power Line Communications for Smart Grid Applications
Amendment to IEEE Standard 1901.2-2013 Standard for Low-Frequency (Less Than 500 kHz) Narrowband Power Line Communications for Smart Grid Applications

Recommendation: Approve modified PAR

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

P11073-10426

Health Informatics - Personal Health Device Communication - Device Specialization - Home Healthcare Environment Ventilator

Recommendation: Approve modified PAR

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P61158

Standard for Industrial Hard Real-Time Communication

Recommendation: Approve modified PAR

IEEE Instrumentation and Measurement Society/TC4 - High Frequency Measurement

P378

Recommended Practices for Scattering Parameter Measurements Using Vector Network Analyzers

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Power System Relaying

PC37.248

Guide for Common Format for Naming Intelligent Electronic Devices (COMDEV)

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Substations

P1427

Guide for Recommended Electrical Clearances and Insulation Levels in Air Insulated Electrical Power Substations

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Switchgear

PC37.13.1

Standard for Definite-Purpose Switching Devices for Use in Metal-Enclosed Low-Voltage (600 Vac and Below) Power Circuit Breaker Switchgear

Recommendation: Approve modified PAR

PC37.27

Application Guide for Low-Voltage AC (635 V and Below) Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses

Recommendation: Approve modified PAR

Extension Requests

IEEE Computer Society/Cloud Computing Standards Committee

P2301

Guide for Cloud Portability and Interoperability Profiles (CPIP)

Recommendation: Approve request for an extension until December 2017

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.9

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

Recommendation: Approve request for an extension until December 2016

IEEE Communications Society/Dynamic Spectrum Access Networks Standards Committee

P1900.5.1

Standard Policy Language for Dynamic Spectrum Access Systems

Recommendation: Approve request for an extension until December 2017

P1900.7

Radio Interface for White Space Dynamic Spectrum Access Radio Systems Supporting Fixed and Mobile Operation

Recommendation: Approve request for an extension until December 2016

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

P11073-10422

Standard for Health Informatics - Personal Health Device Communication - Device Specialization - Urine Analyzer

Recommendation: Approve request for an extension until December 2016

IEEE Industry Applications Society/Petroleum & Chemical Industry

P844.1

Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures - General, Testing, Marking, and Documentation Requirements

Recommendation: Approve request for an extension until December 2016

P844.2

Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures - Application Guide for Design, Installation, Testing, Commissioning, and Maintenance

Recommendation: Approve request for an extension until December 2016

P844.3

Standard for Impedance Heating of Pipelines, Vessels, Equipment, and Structures - General, Testing, Marking, and Documentation Requirements

Recommendation: Approve request for an extension until December 2017

P1673

Standard for Requirements for Conduit & Cable Seals for Field Connected Wiring to Equipment in Petroleum and Chemical Industry Exposed to Pressures Above Atmospheric (1.5 kilopascals, 0.22 psi)

Recommendation: Approve request for an extension until December 2017

P1810

Guide for the Installation of Fire-Rated Cables Suitable for Hydrocarbon Pool Fires for Critical and Emergency Shutdown Systems in Petroleum and Chemical Industries

Recommendation: Approve request for an extension until December 2017

IEEE Power and Energy Society/Nuclear Power Engineering

P7-4.3.2

Standard Criteria for Programmable Digital Devices in Safety Systems of Nuclear Power Generating Stations
Recommendation: Approve request for an extension until December 2016

IEEE Power and Energy Society/Power System Communications

P1591.2

Standard for Testing and Performance of Hardware for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable
Recommendation: Approve request for an extension until December 2016

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

PC62.92.1

Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part 1 - Introduction
Recommendation: Approve request for an extension until December 2016

PC62.92.2

Guide for the Application of Neutral Grounding In Electrical Utility Systems, Part II - Synchronous Generator Systems
Recommendation: Approve request for an extension until December 2016

IEEE Power and Energy Society/Substations

PC37.1.1

Standard for Input and Output Requirements and Testing Methodology for Intelligent Electronic Devices (IEDs)
Recommendation: Approve request for an extension until December 2017 [Approve=5, Disapprove=3]

IEEE Power and Energy Society/Switchgear

PC37.100.1

Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V
Recommendation: Approve request for an extension until December 2016

IEEE Power and Energy Society/Transmission and Distribution

P1243

Guide for Improving the Lightning Performance of Transmission Lines
Recommendation: Approve request for an extension until December 2017

IEEE Power and Energy Society/Transformers

PC57.140

Guide for Evaluation and Reconditioning of Liquid Immersed Power Transformers
Recommendation: Approve request for an extension until December 2017

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 request for an extension until December 2016

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

P1871.2

Recommended Practice for IEEE 1671 Test Equipment Templates and Extension Classes for Describing Intrinsic Signal Path Information for Cables, Interface Adaptors and Test Equipment

Recommendation: Approve request for an extension until December 2017

New PARs

IEEE-SA Board of Governors/Corporate Advisory Group

P1865

Specifications for Maintenance and Testing of Distributed Control Systems in Power Plants

Recommendation: Approve new PAR until December 2019

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AX-2014/Cor 1

Standard for Local and Metropolitan Area Networks - Link Aggregation - Corrigendum 1: Technical and Editorial Corrections

Recommendation: Approve new PAR until December 2019

P802.1CM

Time-Sensitive Networking for Fronthaul

Recommendation: Approve new PAR until December 2019

P802.1Qcn

Standard for Local and Metropolitan Area Networks - Bridges and Bridged Networks Amendment: Virtual Station Interface (VSI) Discovery and Configuration Protocol (VDP) Extension to Support Network Virtualization Overlays Over Layer 3 (NVO3)

Recommendation: Approve new PAR until December 2019

P802.1Qcp

Standard for Local and Metropolitan Area Networks - Bridges and Bridged Networks Amendment: YANG Data Model

Recommendation: Approve new PAR until December 2019

P802.1Xck

Standard for Local and Metropolitan Area Networks - Port-Based Network Access Control Amendment: YANG Data Model

Recommendation: Approve new PAR until December 2019

P802.11az

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 - Enhancements for Positioning

Recommendation: Approve new PAR until December 2019

P802.19.1a

Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 19: TV White Space Coexistence Methods Amendment: Coexistence Methods for Geo-Location Capable Devices Operating Under General Authorization

Recommendation: Approve new PAR until December 2019

P802E

Recommended Practice for Privacy Considerations for IEEE 802 Technologies

Recommendation: Approve new PAR until December 2019

IEEE Computer Society/Standards Activities Board

P3333.2.5

Bio-CAD File Format for Medical Three-Dimensional (3D) Printing

Recommendation: Approve new PAR until December 2019

IEEE Consumer Electronics Society/Standards Committee

P360

Standard for Wearable Consumer Electronic Devices - Overview and Architecture

Recommendation: Approve new PAR until December 2019

P2025.1

Standard for Consumer Drones: Taxonomy and Definitions

Recommendation: Defer new PAR until the next NesCom meeting

P2025.2

Standard for Consumer Drones: Privacy and Security

Recommendation: Defer new PAR until the next NesCom meeting

IEEE Dielectrics and Electrical Insulation Society/Standards Committee

P1732

Recommended Practice for Space Charge Measurements in Full-Size High Voltage Direct Current Extruded Cables

Recommendation: Defer new PAR until the next NesCom meeting

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

P11073-10419-2015/Cor 1

Health Informatics - Personal Health Device Communication - Part 10419: Device Specialization - Insulin Pump - Corrigendum 1

Recommendation: Approve new PAR until December 2019

P11073-10424-2014/Cor 1

Health Informatics - Personal Health Device Communication - Part 10424: Device Specialization - Sleep Apnoea Breathing Therapy Equipment (SABTE) - Corrigendum 1

Recommendation: Approve new PAR until December 2019

P11073-10425-2014/Cor 1

Health Informatics - Personal Health Device Communication - Part 10425: Device Specialization - Continuous Glucose Monitor (CGM) - Corrigendum 1

Recommendation: Approve new PAR until December 2019

IEEE Engineering in Medicine and Biology Society/Standards Committee

P2650

Standard For Enabling Mobile Device Platforms To Be Used As Pre-Screening Audiometric Systems

Recommendation: Approve new PAR until December 2019

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 new PAR until December 2019

P3005.7

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

Recommendation: Approve new PAR until December 2019

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

PC62.92.6

Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part VI - Systems Supplied by Current-Regulated Sources

Recommendation: Approve new PAR until December 2019

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

PC62.55

Guide for Surge Protection of DC Power Feeds to Remote Radio Heads (RRH)

Recommendation: Approve new PAR until December 2019

PC62.59

Standard for Test Methods and Preferred Values for Voltage Limiting, Clamping-Type, PN Junction Surge Protective Components

Recommendation: Approve new PAR until December 2019

IEEE Power and Energy Society/Transmission and Distribution

P1870

Guide for the Parameter Measurement of AC Transmission Lines

Recommendation: Approve new PAR until December 2019

PC135.80-2012/Cor 1

Standard for Fasteners for Overhead Line Construction - Corrigendum 1: Table 5 - Dimensions of Hex Nuts

Recommendation: Approve new PAR until December 2019

PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.3

Standard for High Data Rate Wireless Multi-Media Networks

Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Computer Society/Microprocessor Standards Committee

P754

Standard for Floating-Point Arithmetic

Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Computer Society/Software & Systems Engineering Standards Committee

P15939

Systems and Software Engineering - Measurement Process

Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Communications Society/Standards Development Board

P1652

Standard for Translating Head and Torso Simulator Measurements from Eardrum to Other Acoustic Reference Points

Recommendation: Defer PAR for the revision of a standard until the next NesCom meeting

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

P11073-10404

Health Informatics - Personal Health Device Communication - Part 10404: Device Specialization - Pulse Oximeter

Recommendation: Conditionally approve PAR for the revision of a standard until December 2019; contingent upon deleting duplicate standards mentioned in 8.1 on the PAR and adding item numbers.

P11073-10407

Health Informatics - Personal Health Device Communication - Device Specialization - Blood Pressure Monitor

Recommendation: Conditionally Approve PAR for the revision of a standard until December 2019; contingent upon deleting duplicate standards mentioned in 8.1 on the PAR and adding item numbers.

P11073-10408

Health Informatics - Personal Health Device Communication Part 10408: Device Specialization - Thermometer

Recommendation: Conditionally approve PAR for the revision of a standard until December 2019; contingent upon deleting duplicate standards mentioned in 8.1 on the PAR and adding item numbers.

P11073-10415

Health Informatics - Personal Health Device Communication - Device Specialization - Weighing Scale

Recommendation: Conditionally approve PAR for the revision of a standard until December 2019; contingent upon deleting duplicate standards mentioned in 8.1 on the PAR and adding item numbers.

P11073-10420

Health Informatics - Personal Health Device Communication Part 10420: Device Specialization - Body Composition Analyzer

Recommendation: Conditionally approve PAR for the revision of a standard until December 2019; contingent upon deleting TM-20081 and deleting duplicate standards mentioned in 8.1 on the PAR and adding item numbers.

IEEE Power and Energy Society/Electric Machinery

P433

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

Recommendation: *Defer PAR for the revision of a standard until the next NesCom meeting*

P1110

Guide for Synchronous Generator Modeling Practices and Parameter Verification with Applications in Power System Stability Analyses

Recommendation: *Approve PAR for the revision of a standard until December 2019*

IEEE Power and Energy Society/Insulated Conductors

P48

Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV

Recommendation: *Approve PAR for the revision of a standard until December 2019*

P1185

Recommended Practice for Cable Installation in Generating Stations and Industrial Facilities

Recommendation: *Approve PAR for the revision of a standard until December 2019*

P1210

Standard Tests for Determining Compatibility of Cable-Pulling Lubricants With Wire and Cable

Recommendation: *Approve PAR for the revision of a standard until December 2019*

IEEE Power and Energy Society/Power System Analysis, Computing, and Economics Committee

P859

Standard Terms for Reporting and Analyzing Outage Occurrences and Outage States of Electrical Transmission Facilities

Recommendation: *Approve PAR for the revision of a standard until December 2019*

IEEE Power and Energy Society/Switchgear

PC37.21

Standard for Control Switchboards

Recommendation: *Approve PAR for the revision of a standard until December 2019*

IEEE Power and Energy Society/Transmission and Distribution

P824

Standard for Series Capacitor Banks in Power Systems

Recommendation: *Approve PAR for the revision of a standard until December 2019*

IEEE Power and Energy Society/Transformers

PC57.12.58

Guide for Conducting a Transient Voltage Analysis of a Dry-Type Transformer Coil

Recommendation: *Approve PAR for the revision of a standard until December 2019*

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

P1445

Standard for Digital Test Interchange Format (DTIF)

Recommendation: Approve PAR for the revision of a standard until December 2019