NesCom Recommendations

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 (DeNOx) 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
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/Std 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

*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
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
Recommendation: Approve request for an extension until December 2017

IEEE Power and Energy Society/Nuclear Power Engineering

P7-4.3.2

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

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**  
*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
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
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