

## IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations [SASB approval date: 5-Sep-2019]

[All votes unanimous unless noted otherwise.]

### Withdrawal Requests

*IEEE Computer Society/Microprocessor Standards Committee*

#### **P1394**

Standard for a High-Performance Serial Bus

**Recommendation: Approve PAR withdrawal**

*IEEE Computer Society/Software & Systems Engineering Standards Committee*

#### **P1723.1**

Open Group Standard SOA Reference Architecture

**Recommendation: Approve PAR withdrawal**

#### **P1723.2**

The Reference Architecture Foundation for Service Oriented Architecture Version 1.0

**Recommendation: Approve PAR withdrawal**

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

#### **P11073-10424**

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

**Recommendation: Approve PAR withdrawal**

### Modified PARs

*IEEE Computer Society/Software & Systems Engineering Standards Committee*

#### **P21840**

Systems and software engineering -- Guidelines for the utilization of ISO/IEC/IEEE 15288 in the context of system of systems (SOS)

**Recommendation: Approve modified PAR**

*IEEE Communications Society/Dynamic Spectrum Access Networks Standards Committee*

#### **P1900.5.2a**

Standard Method for Modeling Spectrum Consumption - Amendment: Adding JavaScript Object Notation (JSON) and XML Schema Definition (XSD) and Validation Rules

**Recommendation: Approve modified PAR**

**P1349**

Guide for the Application of Electric Machines in Zone 2  
and Class I, Division 2 Hazardous (Classified) Locations

**Recommendation: Approve modified PAR**

**Extension Requests**

**P149**

Recommended Practice for Antenna Measurements

**Recommendation: Approve request for an extension until December 2020**

**P802.1AS**

Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications

**Recommendation: Approve request for an extension until December 2021**

**P802.1Qcj**

Standard for Local and Metropolitan Area Networks -- Bridges and Bridged Networks Amendment: Automatic Attachment to Provider Backbone Bridging (PBB) services

**Recommendation: Approve request for an extension until December 2021**

**P802.15.22.3**

Standard for Spectrum Characterization and Occupancy Sensing

**Recommendation: Approve request for an extension until December 2020**

**P802E**

Recommended Practice for Privacy Considerations for IEEE 802 Technologies

**Recommendation: Approve request for an extension until December 2021**

**P1900.5.1**

Standard Policy Language for Dynamic Spectrum Access Systems

**Recommendation: Defer request for an extension until 6 November 2019. The extension request is deferred to see if the ballot pool is formed and balloting is initiated before the next NesCom meeting. (10 approve, 1 abstain [Ulema])**

**P1900.6b**

Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and other Advanced Radio Communication Systems. Spectrum Database Interfaces Amendment

**Recommendation: Approve request for an extension until December 2020**

**P11073-10420**

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

**Recommendation: Approve request for an extension until December 2021**

**P11073-10426**

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

**Recommendation: Approve request for an extension until December 2022**

*IEEE Engineering in Medicine and Biology Society/Standards Committee*

**P3333.2.5**

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

**Recommendation: Approve request for an extension until December 2021**

*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 request for an extension until December 2020**

*IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee*

**P2660.1**

Recommended Practices on Industrial Agents: Integration of Software Agents and Low Level Automation Functions

**Recommendation: Approve request for an extension until December 2020**

*IEEE Instrumentation and Measurement Society/TC4 - High Frequency Measurement*

**P287.2**

Recommended Practice for Precision Coaxial Connectors at RF, Microwave and Millimeter-wave Frequencies - Part 2: Test Procedures

**Recommendation: Approve request for an extension until December 2021**

**P287.3**

Recommended Practice for Precision Coaxial Connectors at RF, Microwave and Millimeter-wave Frequencies - Part 3: Connector Effects, Uncertainty Specifications and Recommendations for Performance

**Recommendation: Approve request for an extension until December 2021**

*IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee*

**P1770**

Recommended Practice for The Usage of Terms Commonly Employed In the Field of Large-Signal Vector Network Analysis

**Recommendation: Approve request for an extension until December 2021**

*IEEE Power and Energy Society/Energy Development & Power Generation*

**P125**

Recommended Practice for Preparation of Equipment Specifications for Speed-Governing of Hydraulic Turbines Intended to Drive Electric Generators

***Recommendation: Approve request for an extension until December 2021***

*IEEE Power and Energy Society/Electric Machinery*

**P1553**

Standard for Voltage Endurance Testing of Form-Wound Coils and Bars for Hydrogenerators

***Recommendation: Approve request for an extension until December 2021***

*IEEE Power and Energy Society/Insulated Conductors*

**P1406**

Guide for the Use of Gas-in-Fluid Analysis for Paper and Laminated Paper-Polypropylene Insulated Cable Systems

***Recommendation: Approve request for an extension until December 2020***

*IEEE Power and Energy Society/Power System Relaying and Control*

**PC37.91**

Guide for Protecting Power Transformers

***Recommendation: Approve request for an extension until December 2020***

**PC37.108**

Guide for the Protection of Secondary Network Systems

***Recommendation: Approve request for an extension until December 2020***

**PC37.110**

Guide for the Application of Current Transformers Used for Protective Relaying Purposes

***Recommendation: Approve request for an extension until December 2021***

**PC37.230**

Guide for Protective Relay Applications to Distribution Lines

***Recommendation: Approve request for an extension until December 2020***

**PC37.233**

Guide for Power System Protection Testing

***Recommendation: Approve request for an extension until December 2021***

**PC37.235**

Guide for the Application of Rogowski Coils Used for Protective Relaying Purposes

***Recommendation: Approve request for an extension until December 2021***

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

**PC62.42.4**

Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports - Part 4  
Thermally Activated Current Limiters

***Recommendation: Approve request for an extension until December 2020***

*IEEE SA Board of Governors/Corporate Advisory Group*

**P2839**

Recommended Practice for Vital Computer for Rail Safety-related Application

***Recommendation: Approve new PAR until December 2023***

*IEEE Computer Society/LAN/MAN Standards Committee*

**P802.1ABdh**

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

Amendment: Support for Multiframe Protocol Data Units

***Recommendation: Approve new PAR until December 2023***

**P802.1Qdj**

Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks

Amendment: Configuration Enhancements for Time-Sensitive Networking

***Recommendation: Approve new PAR until December 2023***

**P802.3cv**

Standard for Ethernet

Amendment: Maintenance #15: Power over Ethernet

***Recommendation: Approve new PAR until December 2023***

*IEEE Computer Society/Standards Activities Board*

**P2807.1**

Standard for Technical Requirements and Evaluation of Knowledge Graphs

***Recommendation: Approve new PAR until December 2023***

**P2830**

Standard for Technical Framework and Requirements of Shared Machine Learning

***Recommendation: Approve new PAR until December 2023***

**P2840**

Standard for Responsible AI Licensing

***Recommendation: Approve new PAR until December 2023***

**P2841**

Framework and Process for Deep Learning Evaluation

***Recommendation: Approve new PAR until December 2023***

**P2842**

Recommended Practice for Secure Multi-party Computation

***Recommendation: Approve new PAR until December 2023***

**P2888.1**

Specification of Sensor Interface for Cyber and Physical World

***Recommendation: Approve new PAR until December 2023***

*IEEE Consumer Electronics Society/Standards Committee*

**P2823**

Standard for System Architecture and Technical Requirements for Smart Speakers

**Recommendation: Approve new PAR until December 2023**

**P2843**

Standard for Measuring Accessibility Experience and Compliance

**Recommendation: Approve new PAR until December 2023**

*IEEE Education Society/Standards Committee*

**P2834**

Standard for Secure and Trusted Learning Systems

**Recommendation: Approve new PAR until December 2023**

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

**P11073-40101**

Health informatics - Device interoperability - Part 40101: Cybersecurity - Processes for vulnerability assessment

**Recommendation: Conditionally approve new PAR until December 2023; contingent upon acronyms being spelled out in section 5.4.**

**NB: The condition has been met.**

**P11073-40102**

Health informatics - Device interoperability - Part 40102: Cybersecurity - Capabilities for Mitigation

**Recommendation: Conditionally approve new PAR until December 2023; contingent upon acronyms being spelled out at first use.**

**NB: The condition has been met.**

*IEEE Industry Applications Society/Petroleum & Chemical Industry*

**P61886.2**

Subsea Power Transformers

**Recommendation: Approve new PAR until December 2023**

*IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee*

**P2822**

Recommended Practice for Microwave, Millimeter-wave and THz On-Wafer Calibrations, De-Embedding and Measurements

**Recommendation: Conditionally approve new PAR until December 2023; contingent upon Working Group Chair information displaying on the PAR. (9 approve, 1 disapprove [Burse], 1 abstain [Winston])**

**NB: The condition has been met.**

*IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee*

**P1679.4**

Guide for the characterization and evaluation of alkaline batteries in stationary applications

**Recommendation: Approve new PAR until December 2023**

**P2836**

Recommended Practice for Performance Testing of Electrical Energy Storage (EES) System in Electric Charging Stations in Combination with Photovoltaic (PV)

**Recommendation: Approve new PAR until December 2023**

*IEEE Power and Energy Society/Substations*

**P2825**

Guide for Static Synchronous Series Compensator (SSSC) General Requirements and Test Methods

**Recommendation: Approve new PAR until December 2023**

**P2829**

Guide for Handling Non-Sulphur Hexafluoride (SF<sub>6</sub>) Gas Mixtures for High Voltage Equipment

**Recommendation: Conditionally approve new PAR until December 2023; contingent upon the acronym for sulphur hexafluoride being spelled out in the PAR title.**

**NB: The condition has been met.**

*IEEE Power and Energy Society/Transmission and Distribution*

**P2824**

Guide for Testing Mechanical Acoustic Imaging of High Voltage Reactors

**Recommendation: Approve new PAR until December 2023**

**P2828**

Guide For Measuring Method of Overhead Power Transmission Line Galloping Based on Monocular Video

**Recommendation: Approve new PAR until December 2023**

**P2831**

Recommended Practice for Distributed Traveling Wave Fault Location Device for High Voltage Direct Current Transmission (HVDC) Transmission Lines

**Recommendation: Approve new PAR until December 2023**

**P2832**

Guide for Control and Protection System test of Hybrid Multi-terminal High Voltage Direct Current (HVDC) Systems

**Recommendation: Approve new PAR until December 2023**

**P2833**

Guide for Overhead Transmission Lines with Composite-Insulated-Crossarm Supports

**Recommendation: Approve new PAR until December 2023**

**P2837**

Guide for Technical Requirements for Hybrid High-Voltage Direct-Current Transmission Protection and Control Equipment

**Recommendation: Approve new PAR until December 2023**

*IEEE Power and Energy Society/Transformers*

**PC57.170**

Guide for the Condition Assessment of Liquid Immersed Transformers, Reactors and Their Components

**Recommendation: Approve new PAR until December 2023**

*IEEE Photonics Society/Standards Committee*

**P2067**

Fiber Optic Sensors - Fiber Bragg Grating Interrogator Standard - Terminology and Definitions

**Recommendation: Approve new PAR until December 2023**

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

**P1547a**

Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces

Amendment to IEEE Std 1547-2018 to provide more flexibility for adoption of abnormal operating performance Category III

**Recommendation: Approve new PAR until December 2023**

**PARs for the Revision of Standards**

*IEEE Computer Society/LAN/MAN Standards Committee*

**P802.15.9**

Standard for Transport of Key Management Protocol (KMP) Datagrams

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Computer Society/Learning Technology*

**P1484.11.2**

Standard for Learning Technology - ECMAScript Application Programming Interface for Content to Runtime Services Communication

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**P1484.12.1**

Standard for Learning Object Metadata

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Computer Society/Portable Applications*

**P1003.1**

Standard for Information Technology--Portable Operating System Interface (POSIX(R)) Base Specifications, Issue 8

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Computer Society/Software & Systems Engineering Standards Committee*

**P14764**

Software Engineering - Software Life Cycle Processes - Maintenance

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**P24774**

Guide--Adoption of ISO/IEC TR 24474:2010 Systems and Systems and software engineering -- Life cycle management -- Process description

**Recommendation: Approve PAR for the revision of a standard until December 2023**



*IEEE Computer Society/Test Technology*

**P1149.7**

Standard for Reduced-Pin and Enhanced-Functionality Test Access Port and Boundary-Scan Architecture

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**P1500**

Standard Testability Method for Embedded Core-based Integrated Circuits

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Electric Machinery*

**P286**

Recommended Practice for Measurement of Power Factor Tip-Up of Electric Machinery Stator Coil Insulation

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee*

**P535**

Standard for Qualification of Class 1E Vented Lead Acid Storage Batteries for Nuclear Power Generating Stations

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Nuclear Power Engineering*

**P383**

Standard for Qualifying Electric Cables and Splices for Nuclear Facilities

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**P387**

Standard for Criteria for Diesel Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Power System Relaying and Control*

**PC37.99**

Guide for the Protection of Shunt Capacitor Banks

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**PC37.109**

Guide for the Protection of Shunt Reactors

**Recommendation: Approve PAR for the revision of a standard until December 2023**

*IEEE Power and Energy Society/Substations*

**PC37.122.3**

Guide for Sulphur Hexafluoride (SF6) Gas Handling for High-Voltage (over 1000 Vac) Equipment

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**PC37.123**

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

***Recommendation: Approve PAR for the revision of a standard until December 2023***

*IEEE Power and Energy Society/Switchgear*

**PC37.13**

Standard for Low-Voltage AC (1058 V and Below) Power Circuit Breakers Used in Enclosures

***Recommendation: Approve PAR for the revision of a standard until December 2023***

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

**P1547.3**

Guide for Cybersecurity of Distributed Energy Resources Interconnected with Electric Power Systems

***Recommendation: Approve PAR for the revision of a standard until December 2023***