

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

[SASB approval date: 15-Jun-2017]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Computer Society/LAN/MAN Standards Committee

P802.1ARce

Standard for Local and Metropolitan Area Networks - Secure Device Identity Amendment 1: SHA-384 and P-384 Elliptic Curve

Recommendation: Approve PAR withdrawal

P802.15.4-2011/Cor 1

Standard for Local and Metropolitan Area Networks - Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) - Corrigendum 1

Recommendation: Approve PAR withdrawal

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 PAR withdrawal

Modified PARs

IEEE Power and Energy Society/Transformers

PC57.160

Guide for the Electrical Measurement of Partial Discharges in High Voltage Bushings and Instrument Transformers

Recommendation: Approve modified PAR

Extension Requests

IEEE Computer Society/Microprocessor Standards Committee

P1394

Standard for a High-Performance Serial Bus

Recommendation: Approve request for an extension until December 2019

P1890

Standard for Error Correction Coding of Flash Memory Using Low-Density Parity Check Codes

Recommendation: Approve request for an extension until December 2019

IEEE Communications Society/Standards Development Board

P269

Standard for Measuring Electroacoustic Performance of Communication Devices

Recommendation: Approve request for an extension until December 2018

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

P2405

Standard for the Design of Battery Chargers Used in Stationary Applications

Recommendation: Approve request for an extension until December 2020

IEEE Power and Energy Society/Nuclear Power Engineering

P1891

Standard Criteria for Application of Intelligent Digital Devices to Nuclear Power Generating Stations

Recommendation: Approve request for an extension until December 2019

IEEE Power and Energy Society/Switchgear

PC37.09

Standard Test Procedure for AC High-Voltage Circuit Breakers with Rated Maximum Voltage above 1000 V

Recommendation: Approve request for an extension until December 2018

IEEE Power and Energy Society/Transformers

PC57.13.8

Standard Requirements for Station Service Voltage Transformers

Recommendation: Approve request for an extension until December 2019

PC57.160

Guide for the Electrical Measurement of Partial Discharges in High Voltage Bushings and Instrument Transformers

Recommendation: Approve request for an extension until December 2019

New PARs

IEEE-SA Board of Governors/Corporate Advisory Group

P2418

Standard for the Framework of Blockchain Use in Internet of Things (IoT)

Recommendation: Approve new PAR until December 2021

P2755.1

Taxonomy and Classification for Software Based Intelligent Process Automation (SBIPA) Technology

Recommendation: Approve new PAR until December 2021

P7130

Standard for Quantum Computing Definitions

Recommendation: Approve new PAR until December 2021

IEEE Computer Society/LAN/MAN Standards Committee

P802.21-2017/Cor 1

Standard for Local and Metropolitan Area Networks - Part 21: Media Independent Services Framework - Corrigendum 1:
Clarification of Parameter Definition in Group Session Key Derivation

Recommendation: Approve new PAR until December 2021

IEEE Computer Society/Software & Systems Engineering Standards Committee

P42030

Standard for Systems and Software Engineering - Architecture Evaluation

Recommendation: Approve new PAR until December 2021

IEEE Consumer Electronics Society/Standards Committee

P2900

Standard for Smart Home Security: Overview and Architecture

Recommendation: Approve new PAR until December 2021

P2900.1

Standard for Smart Home Security: Taxonomy and Definitions

Recommendation: Approve new PAR until December 2021

IEEE Communications Society/Power Line Communications

P1901.1.1

Standard Test Procedures for IEEE 1901.1 Standard for Medium Frequency (less than 15 MHz) Power Line Communications
for Smart Grid Applications

Recommendation: Approve new PAR until December 2021

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

P11073-10428

Health Informatics - Personal Health Device Communication - Device Specialization - Electronic Stethoscope

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P1595

Standard for Testing and Performance for Optical Phase Conductor (OPPC) for Use on Electrical Utility Power Lines

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P2426

Guide for Field Measurement of Fast-Front and Very Fast-Front Overvoltages in Electric Power System

Recommendation: Approve new PAR until December 2021

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

P2771

Guide for Parameter Configuration of Arcing Horns of DC Earth Electrode Lines

Recommendation: Approve new PAR until December 2021

IEEE Power and Energy Society/Switchgear

PC37.75

Standard for Pad-Mounted, Pole-Mounted and Submersible Switchgear Enclosures and Associated Control Enclosures - Coastal and Non-Coastal Environmental Integrity

Recommendation: Approve new PAR until December 2021

IEEE Robotics and Automation Society/Standing Committee for Standards

P1872.2

Standard for Autonomous Robotics (AuR) Ontology

Recommendation: Approve new PAR until December 2021 (6 in favor, 3 opposed [Winston, et al.]

P7008

Standard for Ethically Driven Nudging for Robotic, Intelligent and Autonomous Systems

Recommendation: Approve new PAR until December 2021

IEEE Reliability Society/IEEE Reliability

P7009

Standard for Fail-Safe Design of Autonomous and Semi-Autonomous Systems

Recommendation: Approve new PAR until December 2021

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

P1528.6

Recommended Practice for Computational Techniques to Determine the Power Density of the Electromagnetic Field Associated with Human Exposure to Wireless Devices and Network Equipment, 6 GHz to 100 GHz

Recommendation: Approve new PAR until December 2021

IEEE Sensors Council/Standards Committee

P2510

Standard for Establishing Quality of Data Sensor Parameters in the Internet of Things Environment

Recommendation: Approve new PAR until December 2021

IEEE Systems, Man, and Cybernetics Society/Standards Committee

P7010

Wellbeing Metrics Standard for Ethical Artificial Intelligence and Autonomous Systems

Recommendation: Approve new PAR until December 2021

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.2b

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

Recommendation: Approve new PAR until December 2021

PARs for the Revision of Standards

IEEE Computer Society/Portable Applications

P1003.1

Standard for Information Technology - Portable Operating System Interface (POSIX(R))

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Computer Society/Software & Systems Engineering Standards Committee

P24748-3

Systems and Software Engineering-Life Cycle Management-Part 3: Guidelines for the Application of ISO/IEC/IEEE 12207 (Software Life Cycle Processes)

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Dielectrics and Electrical Insulation Society/Standards Committee

P1523

Guide for the Application, Maintenance, and Evaluation of Room Temperature Vulcanizing (RTV) Silicone Rubber Coatings for Outdoor Ceramic Insulators

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Switchgear

PC37.011

Guide for the Application of Transient Recovery Voltage for AC High-Voltage Circuit Breakers with Rated Maximum Voltage above 1000 V

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Transmission and Distribution

P1453

Voltage Fluctuations\Flicker Standard for the Analysis of Fluctuating Power Installations on Power Systems

Recommendation: Approve PAR for the revision of a standard until December 2021

IEEE Power and Energy Society/Transformers

PC57.123

Guide for Transformer Loss Measurement

Recommendation: Approve PAR for the revision of a standard until December 2021

PC57.124

Recommended Practice for the Detection of Partial Discharge and the Measurement of Apparent Charge in Dry-Type Transformers

Recommendation: Approve PAR for the revision of a standard until December 2021