

IEEE SA Standards Board New Standards Committee (NesCom) Recommendations

[SASB approval date: 03-Jun-2020]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Communications Society/Edge, Fog, Cloud Communications with IOT and Big Data Standards Committee

P2557

Standard for Ambient Genetics Frameworks

Recommendation: Approve PAR withdrawal

P2558

Standard for Ambient Objects

Recommendation: Approve PAR withdrawal

IEEE Computer Society/Design Automation

P2415

Standard for Unified Hardware Abstraction and Layer for Energy Proportional Electronic Systems

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.13

Standard for Multi-Gigabit per Second Optical Wireless Communications (OWC), with Ranges up to 200 meters, for both stationary and mobile devices

Recommendation: Approve modified PAR

IEEE Computer Society/Learning Technology

P7004

Standard for Child and Student Data Governance

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Substations

P837

Standard for Qualifying Permanent Connections Used in Substation Grounding

Recommendation: Approve modified PAR

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

P1562

Recommended Practice for Sizing of Stand-Alone Photovoltaic (PV) Systems

Recommendation: Approve modified PAR

Extension Requests

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.12

Upper Layer Interface (ULI) for IEEE 802.15.4 Low-Rate Wireless Networks

Recommendation: Approve request for an extension until December 2022

P802.1CQ

Standard for Local and Metropolitan Area Networks: Multicast and Local Address Assignment

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Analytic Methods for Power Systems

P762

Standard Definitions for Use in Reporting Electric Generating Unit Reliability, Availability, and Productivity

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Electric Machinery

P1665

Guide for the Rewind of Synchronous Generators, 50 Hz and 60 Hz, Rated 1 MVA and Above

Recommendation: Approve request for an extension until December 2022

P522

Guide for Testing Turn Insulation of Form-Wound Stator Coils for Alternating-Current Electric Machines

Recommendation: Approve request for an extension until December 2022

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

PC62.21

Guide for the Application of Surge Voltage Protective Equipment on AC Rotating Machinery 1000 Volts and Greater

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Transformers

PC57.12.34

Standard Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 10 MVA and Smaller; High-Voltage, 34.5 kV Nominal System Voltage and Below; Low-Voltage, 15 kV Nominal System Voltage and Below

Recommendation: Approve request for an extension until December 2022

PC57.19.02

Standard for the Design and Performance Requirements of Bushings Applied to Liquid Immersed Distribution Transformers

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Transmission and Distribution

P2030.10

Standard for DC Microgrids for Rural and Remote Electricity Access Applications

Recommendation: Approve request for an extension until December 2021

New PARs

IEEE Communications Society/Access and Core Networks Standards Committee

P1904.4

Standard for Service Interoperability in 25 Gb/s and 50 Gb/s Ethernet Passive Optical Networks

Recommendation: Approve new PAR until December 2024

P1941.1

Recommended Practice for Internet Grades of Service in Rural Areas

Recommendation: Approve new PAR until December 2024

IEEE Communications Society/Power Line Communications

P2893

Standard for Flexible Optical Service Unit (OSUFlex) of Optical Transport Network (OTN) in Power Systems

Recommendation: Approve new PAR until December 2024

IEEE Computer Society/Blockchain and Distributed Ledgers

P3212

Standard for Blockchain System Governance Specification

Recommendation: Approve new PAR until December 2024

IEEE Computer Society/Cybersecurity and Privacy Standards Committee

P2883

Standard for Sanitizing Storage

Recommendation: Approve new PAR until December 2024

P2887

Recommended Practice for Zero Trust Security

Recommendation: Approve new PAR until December 2024

IEEE Computer Society/LAN/MAN Standards Committee

P802.1ASdm

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

Amendment: Hot Standby

Recommendation: Approve new PAR until December 2024

P802.3cy

Standard for Ethernet

Amendment: Physical Layer Specifications and Management Parameters for greater than 10 Gb/s Electrical Automotive Ethernet

Recommendation: Approve new PAR until December 2024

P802.3cz

Standard for Ethernet

Amendment: Physical Layer Specifications and Management Parameters for Multi-Gigabit Optical Automotive Ethernet

Recommendation: Approve new PAR until December 2024

P802.3da

Standard for Ethernet

Amendment: Physical Layer Specifications and Management Parameters for Enhancement of 10 Mb/s Operation over Single Balanced Pair Multidrop Segments

Recommendation: Approve new PAR until December 2024

P802.3db

Standard for Ethernet

Amendment: Physical Layer Specifications and Management Parameters for 100 Gb/s, 200 Gb/s, and 400 Gb/s Operation over Optical Fiber using 100 Gb/s Signaling

Recommendation: Approve new PAR until December 2024

IEEE Computer Society/Learning Technology

P2894

Guide for an Architectural Framework for Explainable Artificial Intelligence

Recommendation: Approve new PAR until December 2024

P7004.1

Recommended Practices for Virtual Classroom Security, Privacy and Data Governance

Recommendation: Approve new PAR until December 2024 (8 approve, 0 disapprove, 1 abstain [Winston])

IEEE Computer Society/Microprocessor Standards Committee

P1722b

Standard for a Transport Protocol for Time-Sensitive Applications in Bridged Local Area Networks – Amendment: New and Extended Streaming Formats

Recommendation: Approve new PAR until December 2024

IEEE Computer Society/Smart Manufacturing Standards Committee

P2879

General Principles for Assessment of a Smart Factory

Recommendation: Approve new PAR until December 2024

IEEE Consumer Electronics Society/Blockchain Standards Committee

P2677.1

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Overarching Framework

Recommendation: Approve new PAR until December 2024

P2677.10

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Access to Personal Data

Recommendation: Approve new PAR until December 2024 (8 approve, 0 disapprove, 1 abstain [Fathy])

P2677.11

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Access to Telecommunications Data

Recommendation: Approve new PAR until December 2024 (7 approve, 0 disapprove, 2 abstain [Fathy, Hiertz])

P2677.12

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Access to Transportation Data

Recommendation: Approve new PAR until December 2024 (7 approve, 0 disapprove, 2 abstain [Fathy, Hiertz])

P2677.20

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Requirements for Blockchain Infrastructure

Recommendation: Approve new PAR until December 2024

P2677.21

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Requirements for Peer-to-Peer Storage Infrastructure

Recommendation: Approve new PAR until December 2024

P2677.22

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Requirements for Grid Computing Infrastructure

Recommendation: Approve new PAR until December 2024 (8 approve, 0 disapprove, 1 abstain [Hiertz])

P2677.30

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Personal Application Programming Interface

Recommendation: Approve new PAR until December 2024 (7 approve, 0 disapprove, 2 abstain [Fathy, Hiertz])

P2677.31

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Healthcare Application

Programming Interface

Recommendation: Approve new PAR until December 2024

P2677.32

Standard for Blockchain-based Omnidirectional Pandemic/epidemic Surveillance: Government Application Programming Interface

Recommendation: Approve new PAR until December 2024

IEEE Consumer Electronics Society/Digital Finance and Economy Standards Committee

P3800

Standard for a data-trading system: overview, terminology and reference model

Recommendation: Approve new PAR until December 2024

P3801

Standard for Blockchain-based Electronic Contracts

Recommendation: Approve new PAR until December 2024

P3802

Standard for Application Technical Specification of Blockchain-based E-Commerce Transaction Evidence Collecting

Recommendation: Approve new PAR until December 2024

P3803

Standard for Household Appliance Customer Data Assetization and Commercialization Requirements

Recommendation: Approve new PAR until December 2024

P3806

Standard for Blockchain-based Hepatobiliary Disease Data Extraction and Exchange

Recommendation: Approve new PAR until December 2024

IEEE Consumer Electronics Society/Standards Committee

P2861.1

Standard for Troubleshooting Touch Operation Issues for Mobile Gaming

Recommendation: Approve new PAR until December 2024

P2884

Standard for Performance Evaluation of Biometric Information: Facial Recognition

Recommendation: Approve new PAR until December 2024

P2886

Standard for General Requirements for Smart Residential Water Systems

Recommendation: Approve new PAR until December 2024

P2891

Standard for Performance Evaluation of Biometric Information: Fingerprint Recognition

Recommendation: Approve new PAR until December 2024

P2896

Standard for Open Data: Open Data Ontology

Recommendation: Conditionally approve new PAR until December 2024; based on the change of "guide" to "standard" (8 approve, 2 disapprove [Burse, Winston])

NB: The condition has been met.

P2898.1

Standard for General Requirements of Evaluating Intelligent Performance of Household and Similar Electrical Appliances

Recommendation: Approve new PAR until December 2024

P2898.2

Standard for Requirements of Evaluating Intelligent Performance of Air Conditioners

Recommendation: Approve new PAR until December 2024

P2898.3

Standard for Requirements of Evaluating Intelligent Performance of Refrigeration Appliances

Recommendation: Approve new PAR until December 2024

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

P11073-10206

Health informatics -- Device interoperability -- Part 10206: Personal health device communication -- Abstract information content model

Recommendation: Approve new PAR until December 2024 (9 approve, 0 disapprove, 1 recuse [Zhong])

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P487.3a

Standard for the Electrical Protection of Communication Facilities Serving Electric Supply Locations Through the Use of Hybrid Facilities

Amendment: Inclusion of a New Copper to Fiber Junction (CFJ) Powering Option

Recommendation: Approve new PAR until December 2024

P487a

Standard for the Electrical Protection of Communications Facilities Serving Electric Supply Locations -- General Considerations

Amendment: New Annex J- Guidance for Determining the Ground Potential Rise and Induced Voltages for the Design of Communications Installations at Electric Supply Locations

Recommendation: Approve new PAR until December 2024

IEEE Power and Energy Society/Substations

P693a

Recommended Practice for Seismic Design of Substations

Amendment: Alterations of Transformers, Transformer Bushings and Time Histories

Recommendation: Approve new PAR until December 2024

IEEE Power and Energy Society/Transmission and Distribution

P1882

Guide for Establishing, Benchmarking and Maintaining a Work Program for Energized Transmission Lines

Recommendation: Approve new PAR until December 2024

P2856

Guide for the Definition of Resiliency and Measuring the Resiliency of the Electrical Distribution System

Recommendation: Approve new PAR until December 2024

P2892

Recommended Practice for Medium Voltage (1.5 kV to 35 kV) Direct Current (DC) Transformers

Recommendation: Approve new PAR until December 2024

IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee

P2890

Recommended Practice for Provenance of Indigenous Peoples' Data

Recommendation: Approve new PAR until December 2024

P2895

Standard Taxonomy for Responsible Trading of Human-Generated Data

Recommendation: Approve new PAR until December 2024

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

P2889

Guide on the Definition of Incident Power Density to Correlate Surface Temperature Elevation

Recommendation: Approve new PAR until December 2024

PC95.1-2019/Cor 2

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

- Corrigendum 2:PC95.1-2019_Cor2

Recommendation: Approve new PAR until December 2024

PARs for the Revision of Standards

IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

P1431

Standard for Specifying and Testing Coriolis Vibratory Gyros

Recommendation: Approve PAR for the revision of a standard until December 2024

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Q

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

Recommendation: Approve PAR for the revision of a standard until December 2024

IEEE Computer Society/Learning Technology

P1484.11.1

Standard for Learning Technology--Data Model for Content Object Communication

Recommendation: Approve PAR for the revision of a standard until December 2024

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P1138

Standard for Testing and Performance for Optical Ground Wire (OPGW) for Use on Electric Utility Power Lines

Recommendation: Approve PAR for the revision of a standard until December 2024

P820

Standard Telephone Loop Performance Characteristics

Recommendation: Approve PAR for the revision of a standard until December 2024

IEEE Power and Energy Society/Substations

P1527

Recommended Practice for Seismic Design of Substation Buswork

Recommendation: Approve PAR for the revision of a standard until December 2024

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.11

Standard for Wireless Access in Vehicular Environments (WAVE)-- Over-the-Air Electronic Payment Data Exchange Protocol for Intelligent Transportation Systems (ITS)

Recommendation: Approve PAR for the revision of a standard until December 2024

P1616

Standard for Motor Vehicle Event Data Recorder (MVEDR)

Recommendation: Approve PAR for the revision of a standard until December 2024

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

PC95.7

Recommended Practice for Radio Frequency Safety Programs, 0 Hz to 300 GHz

Recommendation: Approve PAR for the revision of a standard until December 2024