

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

[SASB approval date: 21-Mar-2019]

[All votes unanimous unless noted otherwise.]

Modified PARs

IEEE-SA Board of Governors/Corporate Advisory Group

P2755.1

Guide for Taxonomy for Intelligent Process Automation Product Features and Functionality

Recommendation: Approve modified PAR

IEEE Consumer Electronics Society/Standards Committee

P2048.1

Standard for Virtual Reality and Augmented Reality: Device Taxonomy and Definitions

Recommendation: Approve modified PAR

P2048.2

Standard for Virtual Reality and Augmented Reality: Immersive Video Taxonomy and Quality Metrics

Recommendation: Approve modified PAR

P2048.3

Standard for Virtual Reality and Augmented Reality: Immersive Video File and Stream Formats

Recommendation: Approve modified PAR

P2048.4

Standard for Virtual Reality and Augmented Reality: Person Identity

Recommendation: Approve modified PAR

P2048.5

Standard for Virtual Reality and Augmented Reality: Environment Safety

Recommendation: Approve modified PAR

P2048.6

Standard for Virtual Reality and Augmented Reality: Immersive User Interface

Recommendation: Approve modified PAR

P2048.7

Standard for Virtual Reality and Augmented Reality: Map for Virtual Objects in the Real World

Recommendation: Approve modified PAR

P2048.8

Standard for Virtual Reality and Augmented Reality: Interoperability between Virtual Objects and the Real World

Recommendation: Approve modified PAR

P2048.9

Standard for Virtual Reality and Augmented Reality: Immersive Audio Taxonomy and Quality Metrics

Recommendation: Approve modified PAR

P2048.10

Standard for Virtual Reality and Augmented Reality: Immersive Audio File and Stream Formats

Recommendation: Approve modified PAR

P2048.11

Standard for Virtual Reality and Augmented Reality: In-Vehicle Augmented Reality

Recommendation: Approve modified PAR

P2048.12

Standard for Virtual Reality and Augmented Reality: Content Ratings and Descriptors

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Power System Relaying and Control

PC37.90.2

Standard for Withstand Capability of Relay Systems to Radiated Electromagnetic Interference from Transceivers

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Transformers

PC57.13.8

Standard Requirements for Station Service Voltage Transformers

Recommendation: Approve modified PAR

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.3

Standard for Wireless Access in Vehicular Environments (WAVE) -- Networking Services

Recommendation: Approve modified PAR

New PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.3cu

Standard for Ethernet

Amendment: Physical Layers and Management Parameters for 100 Gb/s and 400 Gb/s Operation over Single-Mode Fiber at 100 Gb/s per Wavelength

Recommendation: Approve new PAR until December 2023

P802.11be

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

Amendment: Enhancements for Extremely High Throughput (EHT)

Recommendation: Approve new PAR until December 2023 (8 approve, 1 recuse [Levy])

IEEE Computer Society/Learning Technology

P2247.2

Interoperability Standards for Adaptive Instructional Systems (AISs)

Recommendation: Approve new PAR until December 2023

P2247.3

Recommended Practices for Evaluation of Adaptive Instructional Systems

Recommendation: Approve new PAR until December 2023

IEEE Computer Society/Standards Activities Board

P2806

System Architecture of Digital Representation for Physical Objects in Factory Environments

Recommendation: Conditionally approve new PAR until December 2023; contingent upon staff updating the text to reflect the changes shown during the NesCom meeting.

NB: The condition has been met.

P2807

Framework of Knowledge Graphs

Recommendation: Approve new PAR until December 2023

IEEE Consumer Electronics Society/Blockchain Standards Committee

P2140.2

Standard for Security Management for Customer Cryptographic Assets on Cryptocurrency Exchanges

Recommendation: Approve new PAR until December 2023

P2140.3

Standard for User Identification and Anti-Money Laundering on Cryptocurrency Exchanges

Recommendation: Approve new PAR until December 2023

P2141.1

Standard for the Use of Blockchain in Anti-Corruption Applications for Centralized Organizations

Recommendation: Approve new PAR until December 2023

P2418.8

Standard for Blockchain Applications in Governments

Recommendation: Approve new PAR until December 2023

IEEE Consumer Electronics Society/Standards Committee

P2049.1

Standard for Human Augmentation: Taxonomy and Definitions

Recommendation: Approve new PAR until December 2023

P2049.2

Standard for Human Augmentation: Privacy and Security

Recommendation: Approve new PAR until December 2023

P2788

Standard for Circulating Air Pressure Physiotherapy Equipment Used in the Home Healthcare Environment

Recommendation: Approve new PAR until December 2023

P2811

Standard for Architectural Framework and Technical Requirements for Smart Lock

Recommendation: Approve new PAR until December 2023

P2812

Guide for Minor Guardianship System for Online Mobile Gaming

Recommendation: Approve new PAR until December 2023

P2813

Standard for Big Data Business Security Risk Assessment (BD BSRA)

Recommendation: Approve new PAR until December 2023 (8 approve, 1 abstain)

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

P11073-10107

Standard for Nomenclature for External Control of Medical Devices

Recommendation: Approve new PAR until December 2023

P11073-10700

Standard for Common Base Requirements for Participants in a Service-Oriented Device Connectivity (SDC) System

Recommendation: Approve new PAR until December 2023

P11073-10701

Standard for Metric Provisioning by Participants in a Service-Oriented Device Connectivity (SDC) System

Recommendation: Approve new PAR until December 2023

P11073-10702

Standard for Alert Provisioning by Participants in a Service-Oriented Device Connectivity (SDC) System

Recommendation: Approve new PAR until December 2023

P11073-10703

Standard for External Control by Participants in a Service-Oriented Device Connectivity (SDC) System

Recommendation: Approve new PAR until December 2023

P11073-10720

Module Specifications for a Service-Oriented Medical Device Exchange Architecture

Recommendation: Approve new PAR until December 2023

P11073-10721

Device Specialization - High Frequency (200 kHz to < 5 MHz) Surgical Equipment

Recommendation: *Conditionally approve new PAR until December 2023; contingent upon staff adding the provided range for high frequency to the title and the Working Group Chair agreeing that the frequency range is correctly shown.*

NB: *The condition has been met.*

P11073-10722

Device Specialization - Endoscopic camera

Recommendation: *Approve new PAR until December 2023*

P11073-10723

Device Specialization - Endoscopic light source

Recommendation: *Approve new PAR until December 2023*

P11073-10724

Device Specialization - Endoscopic insufflator

Recommendation: *Approve new PAR until December 2023*

P11073-10725

Device Specialization - Endoscopic pump

Recommendation: *Approve new PAR until December 2023*

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P2023

Standard for Digital Transformation Architecture and Framework

Recommendation: *Approve new PAR until December 2023*

IEEE Power and Energy Society/Insulated Conductors

P2810

Guide for Field Dielectric Enhancement of Polyethylene and Cross-linked Polyethylene Power Cables

Recommendation: *Approve new PAR until December 2023*

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P2808

Standard for Function Designations used in Electrical Power Systems for Cyber Services and Cybersecurity

Recommendation: *Approve new PAR until December 2023*

IEEE Power and Energy Society/Power System Relaying and Control

PC37.1.3

Recommended Practice for Human Machine Interfaces (HMIs) used with Electric Utility Automation Systems

Recommendation: *Approve new PAR until December 2023*

IEEE Power and Energy Society/Substations

PC37.122.9

Guide for Condition Assessment of Gas-Insulated Substations

Recommendation: *Approve new PAR until December 2023*

IEEE Power and Energy Society/Transmission and Distribution

P2798

Guide for Helicopter Operation Procedures for the Utility Industry

Recommendation: Approve new PAR until December 2023

IEEE Power and Energy Society/Transformers

PC57.13-2016/Cor 1

Standard Requirements for Instrument Transformers

- Corrigendum 1

Recommendation: Approve new PAR until December 2023

IEEE Sensors Council/Standards Committee

P2520

Standard for Testing Machine Olfaction Devices and Systems

Recommendation: Approve new PAR until December 2023

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1920.2

Standard for Vehicle to Vehicle Communications for Unmanned Aircraft Systems

Recommendation: Approve new PAR until December 2023 (6 approve, 1 disapprove, 1 abstain)

PARs for the Revision of Standards

IEEE Computer Society/Design Automation

P1800.2

Standard for Universal Verification Methodology Language Reference Manual

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

IEEE Communications Society/Dynamic Spectrum Access Networks Standards Committee

P1900.5

Standard for Requirements and System Architectures for Dynamic Spectrum Access Systems

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

IEEE Industry Applications Society/Petroleum & Chemical Industry

P60079-30-1

International Standard - Explosive atmospheres -- Part 30-1: Electrical resistance trace heating -- General and testing requirements

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

P60079-30-2

International Standard for Explosive atmospheres -- Part 30-2: Electrical resistance trace heating -- Application guide for design, installation and maintenance

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

IEEE Power and Energy Society/Energy Development & Power Generation

P1020

Guide for Control of Small (100 kVA to 5 MVA) Hydroelectric Power Plants

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

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

P1189

Guide for Selection of Batteries for Standby Applications

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

IEEE Power and Energy Society/Insulated Conductors

P386

Standard for Shielded Separable Insulated Connectors for Classes 15 kV through 35 kV

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

P400

Guide for Field Testing and Evaluation of the Insulation of Shielded Power Cable Systems Rated 5 kV and Above

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

IEEE Power and Energy Society/Nuclear Power Engineering

P317

Standard for Electric Penetration Assemblies in Containment Structures for Nuclear Power Generating Stations

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

P334

Standard for Qualifying Alternating Current Class 1E Motors for Nuclear Power Generating Stations

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

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P120

Master Test Guide for Electrical Measurements in Power Circuits

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

P1459

Standard Definitions for the Measurement of Electric Power Quantities Under Sinusoidal, Nonsinusoidal, Balanced, or Unbalanced Conditions

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

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

PC62.55

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

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

IEEE Power and Energy Society/Switchgear

PC37.20.2

Standard for Metal-Clad Switchgear

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

IEEE Power and Energy Society/Transmission and Distribution

P539

Standard Definitions of Terms Relating to Corona and Field Effects of Overhead Power Lines

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

P1227

Guide for the Measurement of DC Electric-Field Strength and Ion Related Quantities

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

P1656

Guide for Testing the Electrical, Mechanical, and Durability Performance of Wildlife Protective Devices on Overhead Power Distribution Systems Rated up to 38 kV

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

IEEE Power and Energy Society/Transformers

PC57.169

Guide for Determination of Maximum Winding Temperature Rise in Liquid-Immersed Transformers

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

IEEE Ultrasonics, Ferroelectrics and Frequency Control Society/IEEE Ultrasonics, Ferroelectrics and Frequency Control

P1139

Standard Definitions of Physical Quantities for Fundamental Frequency and Time Metrology--Random Instabilities

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