

IEEE SA Standards Board New Standards Committee (NesCom) Recommendations

[SASB approval date: 24-Sep-2020]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Computer Society/LAN/MAN Standards Committee

P802.19.2

Recommended Practice for Local and Metropolitan Area Networks - Part 19: Coexistence of Unlicensed Wireless Systems in a Vehicular Environment

Recommendation: Approve PAR withdrawal

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

P11073-10316

Trial-Use Health Informatics -- Device Interoperability -- Part 10316: Point-of-Care Medical Device Communication -- Device Specialization -- Dialysis Device

Recommendation: Approve PAR withdrawal

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.1

Standard for Smart Transducer Interface for Sensors and Actuators - Common Network Services

Recommendation: Approve PAR withdrawal

P1451.2

ISO/IEC/IEEE Standard for Information Technology -- Smart Transducer Interface for Sensors and Actuators -- Part 2: Serial Point-to-Point Interface

Recommendation: Approve PAR withdrawal

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

PC95.4

Recommended Practice for Determining Safe Distances From Radio Frequency Transmitting Antennas When Using Electric Blasting Caps During Explosive Operations

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Communications Society/Access and Core Networks Standards Committee

P1910.1

Standard for Meshed Tree Bridging with Loop Free Forwarding

Recommendation: Approve modified PAR

IEEE Communications Society/Mobile Communication Networks Standards Committee

P1920.1

Aerial Communications and Networking Standards

Recommendation: Approve modified PAR

IEEE Computer Society/Software & Systems Engineering Standards Committee

P12207-2

Systems and Software Engineering -- Software Life Cycle Processes -- Part 2: Relation and Mapping Between ISO/IEC/IEEE 12207:2017 and ISO/IEC/IEEE 12207:2008

Recommendation: Approve modified PAR

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1017.1

Recommended Practice for Field Testing Electric Submersible Pump Cable

Recommendation: Approve modified PAR

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.99

Standard for Harmonization of Internet of Things (IoT) Devices and Systems

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Nuclear Power Engineering

P387

Nuclear Facilities – Electrical Power Systems – Part 387: Diesel Generator Units Applied as Standby Power

Sources

Recommendation: Approve modified PAR

P2411

Human Factors Engineering Guide for the Validation of System Designs and Integrated Systems Operations at Nuclear Facilities

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Switchgear

PC37.04-2018/Cor 1

Standard for Ratings and Requirements for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V - Corrigendum 1

Recommendation: Approve modified PAR

IEEE SA Board of Governors/Corporate Advisory Group

P2777

Recommended Practice for Operation of 300 MW to 600 MW Pulverized Coal Fired Boiler

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

P2846

Assumptions for Models in Safety-Related Automated Vehicle Behavior

Recommendation: Approve modified PAR

Extension Requests

IEEE Antennas and Propagation Society/Antennas and Propagation Standards Committee

P149

Recommended Practice for Antenna Measurements

Recommendation: Approve request for an extension until December 2021

IEEE Communications Society/Green ICT Standards Committee

P1922.1

Standard for a Method for Calculating Anticipated Emissions Caused by Virtual Machine Migration and Placement

Recommendation: Approve request for an extension until December 2022

P1923.1

Standard for Computation of Energy Efficiency Upper Bound for Apparatus Processing Communication Signal Waveforms

Recommendation: Approve request for an extension until December 2021

P1924.1

Recommended Practice for Developing Energy Efficient Power-Proportional Digital Architectures

Recommendation: Approve request for an extension until December 2022

P1925.1

Standard for Energy Efficient Dynamic Line Rate Transmission System

Recommendation: Approve request for an extension until December 2022

P1926.1

Standard for a Functional Architecture of Distributed Energy Efficient Big Data Processing

Recommendation: Approve request for an extension until December 2022

P1927.1

Standard for Services Provided by the Energy-efficient Orchestration and Management of Virtualized Distributed Data Centers Interconnected by a Virtualized Network

Recommendation: Approve request for an extension until December 2022

P1928.1

Standard for a Mechanism for Energy Efficient Virtual Machine Placement

Recommendation: Approve request for an extension until December 2022

P1929.1

An Architectural Framework for Energy Efficient Content Distribution

Recommendation: Approve request for an extension until December 2022

IEEE Communications Society/Mobile Communication Networks Standards Committee

P1918.1

Tactile Internet: Application Scenarios, Definitions and Terminology, Architecture, Functions, and Technical Assumptions

Recommendation: Approve request for an extension until December 2022

P1918.1.1

Haptic Codecs for the Tactile Internet

Recommendation: Approve request for an extension until December 2022

P1920.1

Aerial Communications and Networking Standards

Recommendation: Approve request for an extension until December 2022

P1931.1

Standard for an Architectural Framework for Real-time Onsite Operations Facilitation (ROOF) for the Internet of Things

Recommendation: Approve request for an extension until December 2022

IEEE Computer Society/LAN/MAN Standards Committee

P802.11ax

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 High Efficiency WLAN

Recommendation: Approve request for an extension until December 2021

P802.11ba

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: Wake-up Radio Operation

Recommendation: Approve request for an extension until December 2021

P802.15.22.3

Standard for Spectrum Characterization and Occupancy Sensing

Recommendation: Defer request for an extension until the next NesCom meeting; based on whether RevCom and the SASB do not approve the standard.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P7002

Data Privacy Process

Recommendation: Approve request for an extension until December 2021

P42010

Standard for Systems and Software Engineering -- Architecture Description

Recommendation: Approve request for an extension until December 2021

IEEE Computer Society/Test Technology

P1687.1

Standard for the Application of Interfaces and Controllers to Access 1687 JTAG Networks Embedded Within Semiconductor Devices

Recommendation: Approve request for an extension until December 2022

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

P11073-10406

Health Informatics -- Device Interoperability -- Part 10406: Personal Health Device Communication -- Device Specialization--Basic Electrocardiograph (ECG) (1- to 3-lead ECG)

Recommendation: Approve request for an extension until December 2022 (9 approve, 0 disapprove, 1 recuse [Zhong])

P11073-10471

Health Informatics -- Device Interoperability -- Part 10471: Personal Health Device Communication -- Device Specialization--Independent Living Activity Hub

Recommendation: Approve request for an extension until December 2022 (9 approve, 0 disapprove, 1 recuse [Zhong])

IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee

P3001.9

Recommended Practice for the Design of Power Systems Supplying Lighting Systems in Commercial and Industrial Facilities

Recommendation: Approve request for an extension until December 2022 (5 approve, 2 disapprove [Fathy, Wei], 3 abstain [Kulick, Wang, Winston])

IEEE Instrumentation and Measurement Society/TC10 - Waveform Generation Measurement and Analysis

P1241

Standard for Terminology and Test Methods for Analog-to-Digital Converters

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Electric Machinery

P433

Recommended Practice for Insulation Testing of AC Electric Machinery with High Voltage Rating up to 30 kV at Very Low Frequency

Recommendation: Approve request for an extension until December 2021

P1812

Guide for Testing Permanent Magnet Machines

Recommendation: Approve request for an extension until December 2023

IEEE Power and Energy Society/Energy Development & Power Generation

P666

Design Guide for Electric Power Service Systems for Generating Stations

Recommendation: Approve request for an extension until December 2022

P1010

Guide for Control of Hydroelectric Power Plants

Recommendation: Approve request for an extension until December 2021

P1147

Guide for the Rehabilitation of Hydroelectric Power Plants

Recommendation: Approve request for an extension until December 2022

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

P1188

Recommended Practice for Maintenance, Testing, and Replacement of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications

Recommendation: Approve request for an extension until December 2022

P2405

Standard for the Design of Battery Chargers Used in Stationary Applications

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Insulated Conductors

P1407

Guide for Accelerated Aging Tests for 5 kV to 46 kV Extruded Electric Power Cables Using Water-Filled Tanks

Recommendation: Approve request for an extension until December 2021

P2417

Guide to Smoke, Fire and Explosions in Underground Electrical Structures

Recommendation: Approve request for an extension until December 2022

P2740

Guide for the Selection and Installation of Electrical Cables and Cable Systems in Hazardous (Classified) Locations on Oil & Gas Land Drilling Rigs

Recommendation: Approve request for an extension until December 2021

IEEE Power and Energy Society/Nuclear Power Engineering

P2411

Human Factors Engineering Guide for the Validation of System Designs and Integrated Systems Operations at Nuclear Facilities

Recommendation: Approve request for an extension until December 2021

P2421

Guide for Designing and Developing Computer-Based Displays for Monitoring and Control of Nuclear Facilities

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P1122

Standard for Digital Recorders for Measurements in High-Voltage and High-Current Impulse Tests

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Power System Relaying and Control

P1613

Standard for Environmental and Testing Requirements for Intelligent Electronic Devices (IEDs) Installed in Transmission and Distribution Facilities

Recommendation: Approve request for an extension until December 2022

PC37.2

Standard Electrical Power System Device Function Numbers, Acronyms, and Contact Designations

Recommendation: Approve request for an extension until December 2022

PC37.242

Guide for Synchronization, Calibration, Testing, and Installation of Phasor Measurement Units (PMUs) for Power

System Protection and Control

Recommendation: Approve request for an extension until December 2021

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

PC62.22

Guide for the Application of Metal-Oxide Surge Arresters for Alternating-Current Systems

Recommendation: Approve request for an extension until December 2022

PC62.82.2

Guide for the Application of Insulation Coordination

Recommendation: Approve request for an extension until December 2021

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

PC62.42.2

Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports - Part 2 Metal-Oxide Varistors (MOVs)

Recommendation: Approve request for an extension until December 2022

PC62.220

Guide for the Application of Surge Protective Devices for the Smart Grid

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Switchgear

P62271-37-013

IEEE/IEC International Standard for High-Voltage Switchgear and Controlgear -- Part 37-013: Alternating-Current Generator Circuit-Breakers

Recommendation: Approve request for an extension until December 2022

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 request for an extension until December 2022

PC57.164

Guide for Establishing Short Circuit Withstand Capabilities of Liquid Immersed Power Transformers, Regulators, and Reactors

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Transmission and Distribution

P516

Guide for Maintenance Methods on Energized Power Lines

Recommendation: Approve request for an extension until December 2021

P1806

Guide for Reliability Based Placement of Overhead and Underground Switching and Overcurrent Protection Equipment Up to and Including 38 kV

Recommendation: Approve request for an extension until December 2021

P1885

Guide for Assessing, Measuring and Verifying Volt-Var Control Optimization on Distribution Systems

Recommendation: Approve request for an extension until December 2021 (8 approve, 0 disapprove, 1 abstain [Hiertz])

IEEE-SASB Coordinating Committees/SCC14 - Quantities, Units, and Letter Symbols

P1541

Standard for Prefixes for Binary Multiples

Recommendation: Approve request for an extension until December 2021

IEEE-SASB Coordinating Committees/SCC20 - Test and Diagnosis for Electronic Systems

P1641

Standard for Signal and Test Definition

Recommendation: Approve request for an extension until December 2022

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

P63195-1

Measurement procedure for the assessment of power density of human exposure to radio frequency fields from wireless devices operating in close proximity to the head and body - Frequency range of 6 GHz to 300 GHz

Recommendation: Approve request for an extension until December 2021

New PARs

IEEE Communications Society/Power Line Communications

P1901b

Standard for Broadband over Power Line Networks: Medium Access Control and Physical Layer Specifications

Amendment: Enhancements for Authentication and Authorization

Recommendation: Approve new PAR until December 2024

IEEE Computer Society/Data Compression Standards Committee

P2941

Standard for Artificial Intelligence (AI) Model Representation, Compression, Distribution and Management

Recommendation: Approve new PAR until December 2024 (6 approve, 0 disapprove, 4 abstain [Fathy, Hiertz, Lu, Niu])

IEEE Computer Society/LAN/MAN Standards Committee

P802.1ASdn

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

Amendment: YANG Data Model

Recommendation: Approve new PAR until December 2024

P802.11bf

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 Wireless Local Area Network (WLAN) Sensing

Recommendation: Approve new PAR until December 2024

P802.15.4-2020/Cor 2

Standard for Low-Rate Wireless Networks - Corrigendum 2: Correction of errors preventing backward compatibility

Recommendation: Approve new PAR until December 2024

P802.15.7a

Standard for Local and Metropolitan Area Networks - Part 15.7: Short-Range Optical Wireless Communications

Amendment: Higher Speed, Longer Range Optical Camera Communication (OCC)

Recommendation: Approve new PAR until December 2024

IEEE Computer Society/Learning Technology

P2247.4

Recommended Practice for Ethically Aligned Design of Artificial Intelligence (AI) in Adaptive Instructional Systems

Recommendation: Approve new PAR until December 2024

P2961

Guide for an Architectural Framework and Application for Collaborative Edge Computing

Recommendation: Approve new PAR until December 2024

IEEE Computer Society/Smart Manufacturing Standards Committee

P2806.1

Standard for Connectivity Requirements of Digital Representation for Physical Objects in Factory Environments

Recommendation: Approve new PAR until December 2024

P2934

Standard for Logistics Operation Process in a Smart Factory

Recommendation: Approve new PAR until December 2024

P2959

Standard for Technical Requirements of Standard-Oriented Knowledge Graphs

Recommendation: Approve new PAR until December 2024

IEEE Computer Society/Software & Systems Engineering Standards Committee

P24748-6

Systems and Software Engineering — Life Cycle Management — Part 6: Systems and Software Integration

Recommendation: Approve new PAR until December 2024

IEEE Computer Society/Standards Activities Board

P2807.3

Guide for Electric-Power-Oriented Knowledge Graph

Recommendation: Approve new PAR until December 2024

P2874

Standard for Spatial Web Protocol, Architecture and Governance

Recommendation: Approve new PAR until December 2024

P2937

Standard for Performance Benchmarking for AI Server Systems

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

P2946

Guide for Electronic Sports (Esports) Integrity

Recommendation: Approve new PAR until December 2024

P2947

Guide for Broadcasting Electronic Sports (Esports) Events

Recommendation: Approve new PAR until December 2024

P2948

Standard for Framework and Definitions for Cloud Gaming

Recommendation: Approve new PAR until December 2024

P2949

Recommended Practice for the Evaluation of Cloud Gaming User Experiences

Recommendation: Approve new PAR until December 2024

P2957

Standard for a Reference Architecture for Big Data Governance and Metadata Management

Recommendation: Approve new PAR until December 2024

P2963

Data Formats for Smart Legal Contracts

Recommendation: Approve new PAR until December 2024

P3079.1

Motion to Photon (MTP) Latency in Virtual Environments

Recommendation: Approve new PAR until December 2024

P3079.2

Mixed Reality (MR) Standard Framework for Motion Learning

Recommendation: Approve new PAR until December 2024

IEEE Computer Society/Test Technology

P2929

Standard for System-level State Extraction for Functional Validation and Debug

Recommendation: Approve new PAR until December 2024

IEEE Consumer Electronics Society/Smart Devices Standards Committee

P2951

Technical Requirements and Evaluation Methods for Intelligent Levels of Smart Home Devices

Recommendation: Approve new PAR until December 2024

P2953

Standard for Technical Requirements for Industrial Smart Terminal Devices

Recommendation: Defer new PAR until the next NesCom meeting to provide time for comments to be resolved. (6 approve, 0 disapprove, 4 abstain [Lu, Wang, Wei, Zhong])

IEEE Consumer Electronics Society/Standards Committee

P2861.2

Standard for Mobile Gaming Systems Integration Framework

Recommendation: Approve new PAR until December 2024

P2861.3

Standard for Haptic Interface Enhancement for Mobile Gaming

Recommendation: Approve new PAR until December 2024

P2952

Standard for Secure Computing Based on Trusted Execution Environment

Recommendation: Approve new PAR until December 2024

IEEE Consumer Electronics Society/Virtual Reality and Augmented Reality Standards Committee

P2048.101

Standard for Augmented Reality on Mobile Devices: General Requirements for Software Framework, Components, and Integration

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

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

P11073-20601a

Health Informatics -- Personal Health Device Communication - Part 20601: Application Profile - Optimized Exchange Protocol Amendment

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

IEEE Industry Applications Society/Industrial Power Conversion Systems Department

P2943

Energy Efficiency Test Methods for Three-Phase Variable Frequency Drive Systems

Recommendation: Approve new PAR until December 2024

P2964

Standard for Datasheet Parameters and Tests for Integrated Gate Drivers

Recommendation: Approve new PAR until December 2024

IEEE Industry Applications Society/Petroleum & Chemical Industry

P8005-1a

Utility Connections in Port -- Part 1: High Voltage Shore Connection (HVSC) Systems -- General Requirements

Amendment 1 to IEC/IEEE 8005-1 ED2

Recommendation: Approve new PAR until December 2024

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1588a

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems

Amendment: Enhancements for Best Master Clock Algorithm (BMCA) Mechanisms

Recommendation: Approve new PAR until December 2024

P1588b

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems

Amendment: Addition of Precision Time Protocol (PTP) mapping for transport over Optical Transport Network (OTN)

Recommendation: Approve new PAR until December 2024

P1588c

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems

Amendment: Clarification of Terminology

Recommendation: Approve new PAR until December 2024

P1588d

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems

Amendment: Guidelines for selecting and operating a Key Management System

Recommendation: Approve new PAR until December 2024

P1588e

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems

Amendment: MIB and YANG Data Models

Recommendation: Approve new PAR until December 2024

P1588f

Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems

Amendment: Enhancements for latency and/or asymmetry calibration

Recommendation: Approve new PAR until December 2024

IEEE Power and Energy Society/Analytic Methods for Power Systems

P2882

Guide for Validation of Software Models of Renewable and Conventional Generators for Power System Studies

Recommendation: Approve new PAR until December 2024

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

P2962

Recommended Practice for the Installation, Operation, Maintenance, Testing, and Replacement of Li-ion Batteries in Stationary Applications

Recommendation: Approve new PAR until December 2024

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P2960

Guide for Testing Equipment for Direct Current Electrical Energy Meters

Recommendation: Approve new PAR until December 2024

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

PC62.43.1a

Guide for Surge Protectors and Surge Protective Circuits Used in Information and Communication Technology Circuits (ICT), Including Smart Grid--Part 1 Applications

Amendment: PC62.43.1™ Draft Guide for Surge Protectors and Surge Protective Circuits Used in Information and Communication Technology Circuits (ICT), Including Smart Grid—Part 1 Applications

Recommendation: Approve new PAR until December 2024

IEEE Power and Energy Society/Switchgear

PC37.20.7-2017/Cor 1

Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults - Corrigendum 1: IEEE Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults - Corrigendum 1

Recommendation: Approve new PAR until December 2024

PC37.30.7

Standard Requirements for High-Voltage Air Switches Rated Above 1000 Vdc

Recommendation: Approve new PAR until December 2024

IEEE Power and Energy Society/Transmission and Distribution

P2030.13

Guide for Electric Transportation Fast Charging Station Management System Functional Specification

Recommendation: Approve new PAR until December 2024

P2938

Guide for Economic Loss Evaluation of Sensitive Industrial Customers Caused by Voltage Sags

Recommendation: Approve new PAR until December 2024

P2939

Guide for the Joint Use of Electric Power Transmission & Distribution (T&D) Facilities and Equipment

Recommendation: Approve new PAR until December 2024

P2954

Recommended Practice for Overhead Transmission Line Design

Recommendation: Approve new PAR until December 2024

IEEE Robotics and Automation Society/Standing Committee for Standards

P2940

Standard for Measuring Robot Agility

Recommendation: Approve new PAR until December 2024

IEEE SA Board of Governors/Corporate Advisory Group

P2950

Electric Traction System for High Speed Electric Multiple Units (EMUs)

Recommendation: Approve new PAR until December 2024

P2956

Test Method for Surface Transfer Impedance of Shielded Power Cables and Connectors for Rail Vehicles

Recommendation: Approve new PAR until December 2024

IEEE Sensors Council/Standards Committee

P2520.1

Standard for Baseline Performance for Odor Analysis Devices and Systems

Recommendation: Approve new PAR until December 2024

P2520.2.1

Standard for Machine Olfaction Devices and Systems Used for General Outdoor Odor Monitoring

Recommendation: Approve new PAR until December 2024

P2520.2.2

Standard for Landfill Odor Monitoring Devices and Systems

Recommendation: Approve new PAR until December 2024

P2520.3.1

Standard for Machine Olfaction Devices and Systems Used in General Indoor Air Quality Monitoring

Recommendation: Approve new PAR until December 2024

P2520.4.1

Standard for Performance of Machine Olfaction Devices and Systems for Chemical Manufacture

Recommendation: Approve new PAR until December 2024

IEEE Vehicular Technology Society/Automated Vehicles Standards Committee

P2936

Standard for Test Methods of Automotive Lidar Performance

Recommendation: Approve new PAR until December 2024

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

P62704-2a

Standard for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz to 6 GHz -- Part 2: Specific Requirements for Finite Difference Time Domain (FDTD) Modelling of Exposure from Vehicle Mounted Antennas

Amendment 1

Recommendation: Approve new PAR until December 2024

PARs for the Revision of Standards

IEEE Communications Society/Standards Development Board

P269

Standard for Evaluating Electroacoustic Performance of Communication Devices

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

IEEE Computer Society/LAN/MAN Standards Committee

P802.3

Standard for Ethernet

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

IEEE Computer Society/Microprocessor Standards Committee

P1394

Standard for a High-Performance Serial Bus

Recommendation: Approve PAR for the revision of a standard until December 2024 (8 approve, 0 disapprove, 2 abstain [Fathy, Hiertz])

IEEE Computer Society/Software & Systems Engineering Standards Committee

P15288

Systems and Software engineering -- System Life Cycle Processes

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

P23026

Systems and Software Engineering -- Engineering and Management of Websites for Systems, Software, and Services Information

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

P26531

Systems and Software Engineering -- Content Management for Product Life Cycle, User, and Service Management Documentation

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

IEEE Computer Society/Test Technology

P1149.4

Standard for a Mixed-Signal Test Bus

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

P1581

Standard for Static Component Interconnection Test Protocol and Architecture

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

IEEE Power and Energy Society/Insulated Conductors

P1300

Guide for Cable Connections for Gas-Insulated Substations

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

P1493

Guide for the Evaluation of Solvents Used for Cleaning Electrical Cables and Accessories

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

IEEE Power and Energy Society/Power System Relaying and Control

PC37.90.1

Standard for Relays, Relay Systems, and Control Devices used for Protection and Control of Electric Power Apparatus-Surge Withstand Capability (SWC) and Electrical Fast Transient (EFT) Requirements and Tests

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

PC37.90.3

Standard Electrostatic Discharge Tests for Protective Relays

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

PC37.95

Guide for Protective Relaying of Utility-Consumer Interconnections

Recommendation: Defer PAR for the revision of a standard until the next NesCom meeting based on lack of replies by the Chair.

PC37.113

Guide for Protective Relay Applications to Transmission Lines

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

PC37.114

Guide for Determining Fault Location on AC Transmission and Distribution Lines

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

IEEE Power and Energy Society/Switchgear

PC37.20.7

Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults

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

PC37.23

Standard for Metal-Enclosed Bus

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

IEEE Power and Energy Society/Transmission and Distribution

P1159.3

Recommended Practice for Power Quality Data Interchange Format (PQDIF)

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

P1283

Guide for Determining the Effects of Elevated Temperature Operation on Conductors, Connectors, and Accessories

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

P1409

Guide for Technology Methods for Power Quality Improvement in Electric Power Systems

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

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

P62704-1

Standard for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz to 6 GHz. Part 1: General Requirements for using the Finite Difference Time Domain (FDTD) Method for SAR Calculations

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