

IEEE SA Standards Board Standards Review Committee (RevCom) Recommendations

[SASB approval date: 26-Sep-2024]

[All votes unanimous unless noted otherwise.]

New

IEEE Communications Society/Mobile Communication Networks Standards Committee

P1918.1/Draft 4

IEEE Draft Standard for Tactile Internet: Application Scenarios, Definitions and Terminology, Architecture, Functions, and Technical Assumptions

Recommendation: APPROVE

IEEE Communications Society/Power Line Communications

P2030.5-2023/Cor 1/Draft 2

IEEE Draft Standard for Smart Energy Profile Application Protocol - Corrigendum 1

Recommendation: APPROVE

P2893-2023/Cor 1/Draft 1.3

IEEE Draft Standard for Flexible Optical Service Unit (OSUFlex) of Optical Transport Network (OTN) in Power Systems - Corrigendum 1

Recommendation: APPROVE

IEEE Computer Society/Artificial Intelligence Standards Committee

P3187/Draft 0.8

IEEE Draft Guide for Framework for Trustworthy Federated Machine Learning

Recommendation: APPROVE

IEEE Computer Society/Blockchain and Distributed Ledgers

P3201/Draft 3.2

IEEE Draft Standard for Blockchain Access Control

Recommendation: APPROVE

P3214/Draft 4.1

IEEE Draft Standard for Testing Specification of Blockchain Systems

Recommendation: APPROVE

IEEE Computer Society/Data Compression Standards Committee

P1857.11/Draft 3

IEEE Draft Standard for Neural Network-Based Image Coding

Recommendation: APPROVE

IEEE Computer Society/LAN/MAN Standards Committee

P802.1ASdm/Draft 2.5

IEEE Draft Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications - Amendment: Hot Standby and Clock Drift Error Reduction

Recommendation: APPROVE [11=yes, 0=no, 1= abstain (Reilly)]

P802.1ASdn/Draft 2.2

IEEE Draft Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications Amendment: YANG Data Model

Recommendation: APPROVE

P802.1DC/Draft 3.4

IEEE Draft Standard for Local and metropolitan area networks--Quality of Service Provision by Network Systems

Recommendation: APPROVE

P802.3-2022/Cor 1/Draft 3.1

IEEE Draft Standard for Ethernet - Corrigendum 1 - Multi-Gigabit Automotive Medium Dependent Interface (MDI) Return Loss

Recommendation: APPROVE

P802.11be/Draft 7.0

IEEE Draft 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: Conditionally approve P802.11be based on SASB approval of P802.11/Draft 7.

P802.11bh/Draft 6.0

IEEE Draft 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 1: Operation with Randomized and Changing MAC Addresses

Recommendation: Conditionally approve P802.11be based on SASB approval of P802.11/Draft 7.

IEEE Consumer Technology Society/Digital Finance and Economy Standards Committee

P3800/Draft 3.0

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

Recommendation: APPROVE

P3816/Draft 13

IEEE Draft Standard for Internet of Rights (IOR): Overview and Architecture

Recommendation: APPROVE

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P2717/Draft 4.3

IEEE Draft Trial-Use Recommended Practice for Passive Intermodulation Test Methods for Wireless Systems in Low Noise Environments

Recommendation: APPROVE

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P3178/Draft 1.1

IEEE Draft Standard for General Requirements and Protocols for Software-defined Physical Layer of Wireless Backscatter Networks

Recommendation: APPROVE

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1580a/Draft 2

IEEE Draft Recommended Practice for Marine Cable for Use on Shipboard and Fixed or Floating Facilities Amendment 1: Offshore Wind Electrical Substation Cables

Recommendation: APPROVE

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1588c/Draft 1.6

IEEE Draft Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems Amendment: Clarification of Terminology

Recommendation: Conditionally approve P1588c upon approval of the extension request. [11=yes, 0=no, 1=abstain (Reilly)]

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

P2686/Draft 9.4

IEEE Draft Recommended Practice for Battery Management Systems in Energy Storage Applications

Recommendation: APPROVE

IEEE Power and Energy Society/Substations Committee

P693a/Draft 2

IEEE Draft Recommended Practice for Seismic Design of Substations Amendment: Alterations of Transformers and Select Appendages, Surge Arresters, Response Spectra, Time Histories, and Their Qualification Methodologies Amendment #

Recommendation: APPROVE

IEEE Power and Energy Society/Switchgear

P62271-37-013-2021/Cor 1/Draft 1

IEEE/IEC Draft International Standard for High-voltage Switchgear and Controlgear--Part 37-013: Alternating current generator circuit-breakers - Corrigendum 1

Recommendation: APPROVE

IEEE Power and Energy Society/Transformers

P63253-5713-8/Draft 3

IEC/IEEE Draft International Standard Requirements for Station Service Voltage Transformers

Recommendation: APPROVE

PC57.12.210/Draft 3.1

IEEE Draft Recommended Practice for On-load Capacity Switching Distribution Transformers

Recommendation: APPROVE

PC57.165/Draft 6.8

IEEE Draft Guide for Temperature Measurements for Liquid Immersed Transformers and Reactors

Recommendation: APPROVE

IEEE Power and Energy Society/Transmission and Distribution

P1048b/Draft 3

IEEE Draft Guide for Protective Grounding of Power Lines Amendment B: Differentiating the Fabric Carrier Mat and the Rigid Carrier Mat

Recommendation: APPROVE

P1806-2021/Cor 1/Draft 1

IEEE Draft Guide for Reliability-Based Placement of Overhead and Underground Switching and Overcurrent Protection Equipment up to and Including 38 kV - Corrigendum 1

Recommendation: APPROVE

P2824/Draft 3

IEEE Draft Guide for Testing Mechanical Acoustic Imaging of High Voltage Reactors

Recommendation: APPROVE

P2833/Draft 4

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

Recommendation: APPROVE

P3102/Draft 6

IEEE Draft Standard for Conservation Voltage Reduction (CVR) Data Collection and Management Procedures

Recommendation: APPROVE

PC135.100/Draft 6

IEEE Draft Standard for Line Hardware for Overhead Line Construction

Recommendation: APPROVE

IEEE Reliability Society/IEEE Reliability Society Standards Committee

P2818/Draft 13

IEEE Draft Standard for Reliability Component Stress Analysis and Derating Specification

Recommendation: APPROVE

IEEE Robotics and Automation Society/Standing Committee for Standards

P3345/Draft 7.1

IEEE Draft Guide for Terminology and Classification of Electric Vehicle Charging Robots

Recommendation: APPROVE

IEEE SA Board of Governors/Entity Collaborative Activities Governance Board

P3182/Draft 2

IEEE Draft Standard for a Unified Terminology and Framework for Percutaneous and Non-Fluoroscopic Technology (PAN technology) in Cardiovascular Diseases

Recommendation: APPROVE

P3300/Draft 2

IEEE Draft Standard for Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification Multimodal Conversation (MMC) Version 2

Recommendation: APPROVE

P3301/Draft 2

IEEE Draft Standard for Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification Artificial Intelligence Framework (AIF) Version 2

Recommendation: APPROVE

P3305/Draft 2

IEEE Draft Standard for Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification MPAI Metaverse Model (MMM) Architecture Version 1

Recommendation: APPROVE

P3306/Draft 2

IEEE Draft Standard for Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification Portable Avatar Format (PAF) Version 1

Recommendation: APPROVE

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P3130/Draft 8

IEEE Draft Standard for Security Requirements and Testing Methods of Operating Systems in Connected Vehicles

Recommendation: APPROVE

P3452/Draft 3.2

IEEE Draft Standard for Technical Requirements for Vehicle Networking Management System Based on 3 Access Point Name (3APN)

Recommendation: APPROVE

IEEE Vehicular Technology Society/Traction Power Systems Standards Committee

P2970/Draft 7.0

IEEE Draft Guide for Synchronous Monitoring of the Magnitude and Distribution of Stray Current in Urban Rail Transit's Direct Current Traction System

Recommendation: APPROVE

Revision

IEEE Aerospace and Electronic Systems Society/Radar Systems Panel

P686/Draft 1.1

IEEE Draft Standard for Radar Definitions

Recommendation: APPROVE

IEEE Computer Society/Design Automation

P1801/Draft 10.26

IEEE Draft Standard for Design and Verification of Low Power, Energy Aware Electronic Systems

Recommendation: APPROVE

IEEE Computer Society/LAN/MAN Standards Committee

P802.11/Draft 7.0

IEEE Draft Standard for Information Technology -- Telecommunications and Information Exchange Between Systems Local and Metropolitan Area Networks -- Specific Requirements - Part 11: Wireless Local Area Network (LAN) Medium Access Control (MAC) and Physical Layer (PHY) Specifications

Recommendation: APPROVE [10=yes, 1=no (Swing), 1= abstain (Reilly)]

P802.15.4/Draft 7

IEEE Draft Standard for Low-Rate Wireless Networks

Recommendation: APPROVE

IEEE Computer Society/Software & Systems Engineering Standards Committee

P982/Draft 4

IEEE Draft Standard for Measures of the Software Aspects of Dependability

Recommendation: APPROVE

P32430/Draft 4

IEEE Draft Software engineering - Software Non-Functional Sizing Measurement

Recommendation: APPROVE

IEEE Computer Society/Test Technology

P1149.4/Draft 2

IEEE Draft Standard for a Mixed-Signal Test Bus

Recommendation: APPROVE

IEEE Power and Energy Society/Insulated Conductors

P1210/Draft 3

IEEE Draft Standard Tests for Determining Compatibility of Cable-Pulling Lubricants With Wire and Cable

Recommendation: APPROVE

P1816/Draft 18

IEEE Draft Guide for Preparation Techniques of Shielded Cables Rated 2.5 kV through 46 kV and the Installation of Mating Accessories

Recommendation: APPROVE

IEEE Power and Energy Society/Nuclear Power Engineering Committee

P334/Draft 7

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

Recommendation: APPROVE

P62582-1/Draft 2

IEEE Draft International Standard for Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 1: General

Recommendation: APPROVE [11=yes, 0=no, 1=abstain (Lu)]

P63332-387/Draft 3

IEEE/IEC Draft International Standard for Nuclear Facilities - Electrical Power Systems - Part 387: Diesel Generator Units Applied as Standby Power Sources

Recommendation: APPROVE

PC37.105/Draft 4

IEEE Draft Standard for Qualifying Class 1E Protective Relays and Auxiliaries for Nuclear Power Generating Stations and Other Nuclear Facilities

Recommendation: APPROVE

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P1122/Draft 8.3

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

Recommendation: APPROVE

IEEE Power and Energy Society/Power System Relaying and Control

PC37.90.1/Draft 11

IEEE Draft 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

PC37.90.2/Draft 6.1

IEEE Draft Standard for Relays, Relay Systems, and Control Devices used for Protection and Control of Electric Power Apparatus - Radiated Electromagnetic Interference Withstand Capability Requirements and Tests

Recommendation: APPROVE

IEEE Power and Energy Society/Switchgear

PC37.20.7/Draft 9

IEEE Draft Recommended Practice for Testing Switchgear with Rated Voltages Up to 52 kV for Internal Arcing Faults

Recommendation: APPROVE [10=yes, 0=no, 2=abstain (Burse, Swing)]

IEEE Power and Energy Society/Transformers

PC57.149/Draft 3.2

IEEE Draft Guide for the Application and Interpretation of Frequency Response Analysis for Oil-Immersed Transformers

Recommendation: APPROVE

IEEE Power and Energy Society/Transmission and Distribution

P1695/Draft 5

IEEE Draft Guide to Understanding, Diagnosing, and Mitigating Stray and Contact Voltage

Recommendation: APPROVE