

IEEE SA Standards Board Standards Review Committee (RevCom) Recommendations

[SASB approval date: 10-Sep-2025]

[All votes unanimous unless noted otherwise.]

New

IEEE Communications Society/Access and Core Networks Standards Committee

P1904.4/Draft 3.1

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

Recommendation: APPROVE

P1953.1/Draft 3

IEEE Draft Standard for Flexible Optical Service Unit for Optical Networks

Recommendation: APPROVE

IEEE Computer Society/Artificial Intelligence Standards Committee

P3378/Draft 6

IEEE Draft Standard for Framework and Process for Large-Scale Deep Learning Model Evaluation

Recommendation: APPROVE

IEEE Computer Society/Blockchain and Distributed Ledgers

P3231.01/Draft 5

IEEE Draft Standard for the Reference Architecture of Blockchain as a Service

Recommendation: APPROVE

P3231.02/Draft 6

IEEE Draft Standard for Reference Architecture of Blockchain Fusion Server

Recommendation: APPROVE

IEEE Computer Society/Data Compression Standards Committee

P3122/Draft 4

IEEE Draft Standard for Data Processing and Compression Framework for Internet of Things

Recommendation: APPROVE

P3366.1/Draft 5

IEEE Draft Standard for Geometry Point Cloud Compression

Recommendation: APPROVE

IEEE Computer Society/Digital Content Technology Standards Committee

P3079.3.1/Draft 2

IEEE Draft Standard for Service Application Programming Interfaces (APIs) for Digital Human Authoring and Visualization

Recommendation: APPROVE

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AXdz/Draft 2.1

IEEE Draft Standard for Local and Metropolitan Area Networks--Link Aggregation Amendment: YANG for Link Aggregation

Recommendation: APPROVE

P802.1DP/Draft 3.3

IEEE Draft Standard for Local and Metropolitan Area Networks - Time-Sensitive Networking for Aerospace Onboard Ethernet Communications

Recommendation: APPROVE

P60802/Draft 3.4

IEC/IEEE Draft International Standard Time-Sensitive Networking Profile for Industrial Automation

Recommendation: DEFER to the October RevCom agenda due to coordination with IEC.

IEEE Computer Society/Microprocessor Standards Committee

P1722.1-2021/Cor 1/Draft 9

IEEE Draft Standard for Device Discovery, Connection Management, and Control Protocol for Time-Sensitive Networking System - Corrigendum 1 -Technical and Editorial Corrections:

Recommendation: APPROVE

IEEE Computer Society/Smart Manufacturing Standards Committee

P2806/Draft 1.0

IEEE Draft Standard for System Architecture of Digital Representation for Physical Objects in Factory Environments

Recommendation: APPROVE

P3121/Draft 3

IEEE Draft Standard for Non-intrusive State Monitoring Framework for Embedded Devices in Industrial Control Systems (ICSs)

Recommendation: APPROVE

IEEE Computer Society/Standards Activities Board Standards Committee

P3158.1/Draft 4

IEEE Draft Standard for Testing and Performance of a Trusted Data Matrix System

Recommendation: APPROVE

IEEE Computer Society/Test Technology

P2427/Draft 42

IEEE Draft Standard for Analog Defect Modeling and Coverage

Recommendation: APPROVE

IEEE Consumer Technology Society/Blockchain Standards Committee

P2147.1/Draft 1

IEEE Draft Standard for Requirements of Integrated Consortium Chain Station

Recommendation: APPROVE

IEEE Consumer Technology Society/Digital Finance and Economy Standards Committee

P3830/Draft 4.1

IEEE Draft Standard for a Privacy-Preserving Platform for the Circulation of Electric Energy Consumption Data

Recommendation: APPROVE

P3831/Draft 4.1

IEEE Draft Standard for Reference Architecture and Technical Requirements for Electricity Data Asset Management Platform

Recommendation: APPROVE

P3832/Draft 3.0

IEEE Draft Standard for General Requirements for Distributed Banking Financial Core Business Systems

Recommendation: APPROVE

P3834/Draft 2.2

IEEE Draft Standard for Energy Market Corpus Construction Framework for Large Language Models Training

Recommendation: APPROVE

P3835/Draft 1.1

IEEE Draft Standard for Digital Twin Technology Framework for Integrated Energy Systems

Recommendation: APPROVE

IEEE Consumer Technology Society/Emerging Technology Standards Committee

P3539/Draft 3

IEEE Draft Standard for General Requirements for Refueling Robot Systems

Recommendation: APPROVE

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P473/Draft 6

IEEE Draft Recommended Practice for an Electromagnetic Site Survey (10 kHz to 40 GHz)

Recommendation: APPROVE [8=yes, 2=no (Griffith, Reilly), 0=abstain]

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

P11073-10207-2017/Cor 1/Draft 2

IEEE Draft Standard - Health Informatics - Point-of-Care Medical Device Communication Part 10207: Domain Information and Service Model for Service-Oriented Point-of-Care Medical Device Communication - Corrigendum 1

Recommendation: APPROVE

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P2023/Draft 5.1

IEEE Draft Standard for Digital Transformation Architecture and Framework

Recommendation: Conditionally approve based on the manual upload of the disposition status file.

P2805.2/Draft 0.6

IEEE Draft Standard for Data acquisition, Filtering and buffering Protocols for Edge Computing Node

Recommendation: APPROVE

P2992/Draft 3

IEEE Draft Recommended Practice for Data Expression, Exchange, and Processing in Smart Agriculture

Recommendation: APPROVE

IEEE Photonics Society/Standards Committee

P3461/Draft 12

IEEE Draft Standard for Smart Infrastructure with Fiber Optic Sensors

Recommendation: APPROVE

IEEE Power and Energy Society/Power System Relaying and Control

PC37.1.2/Draft 15

IEEE Draft Guide for Databases Used in Utility Automation Systems

Recommendation: APPROVE

PC37.251/Draft 28

IEEE Draft Standard for Common Protection and Control Settings or Configuration Data Format (COMSET)

Recommendation: APPROVE

IEEE Power and Energy Society/Transformers

PC57.12.60-2020/Cor 1/Draft 1

IEEE Draft Standard for Thermal Evaluation of Insulation Systems for Dry-Type Power and Distribution Transformers - Corrigendum 1

Recommendation: APPROVE

PC57.13.10/Draft 7.2

IEEE Draft Guide for Calibration of Energized Current Transformers for 34.5 kV and Below

Recommendation: APPROVE

PC57.170/Draft 03

IEEE Draft Guide for the Condition Assessment of Liquid Immersed Transformers, Reactors and Their Components

Recommendation: APPROVE

IEEE Power and Energy Society/Transmission and Distribution

P3192/Draft 1.2

IEEE Draft Guide for Corrosion Inspection and Evaluation of High-Voltage Direct Current (HVDC) Grounding Electrodes (± 400 kV to ± 1100 kV)

Recommendation: APPROVE

IEEE Robotics and Automation Society/Standing Committee for Standards

P2751/Draft 3

IEEE Draft Standard for 3D Map Data Representation for Robotics and Automation

Recommendation: APPROVE

IEEE SA Board of Governors/Entity Collaborative Activities Governance Board

P2899.1/Draft 6.7

IEEE Draft Standard for Speech Recognition and Interaction System for Smart Home — Engineering Specifications for a Listening Room

Recommendation: APPROVE

P2899.2/Draft 6.7

IEEE Draft Standard for Speech Recognition and Interaction System for Smart Home — Safety Requirements for Speech Control

Recommendation: APPROVE

P2899.3/Draft 6.7

IEEE Draft Standard for Speech Recognition and Interaction System for Smart Home — Collection Requirements of Corpus and Noise for Laboratory-Level Testing

Recommendation: APPROVE

P3365/Draft 3.3

IEEE Draft Guide for Test and Evaluation of on-board Lithium-based Batteries for Electric Vehicle (EV) Propulsion

Recommendation: APPROVE

IEEE SA Board of Governors/International Committee on Electromagnetic Safety

P62704-2a/Draft 1.8

IEEE/IEC Draft International 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

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

P2890/Draft 3

IEEE Draft Recommended Practice for Provenance of Indigenous Peoples Data

Recommendation: APPROVE

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P3381/Draft 5.2

IEEE Draft Guide for Condition Evaluation of Electric Vehicle Supply Equipment (EVSE)

Recommendation: APPROVE

Revision

IEEE Antennas and Propagation Society/Antennas and Propagation Standards Committee

P145/Draft 2.9

IEEE Draft Standard for Definitions of Terms for Antennas

Recommendation: APPROVE

IEEE Computer Society/Cybersecurity and Privacy Standards Committee

P1619.2/Draft 7

IEEE Draft Standard for Wide-Block Encryption for Shared Storage Media

Recommendation: APPROVE

IEEE Computer Society/LAN/MAN Standards Committee

P802.3.2/Draft 3.4

IEEE Draft Standard for Ethernet - YANG Data Model Definitions

Recommendation: APPROVE

IEEE Power and Energy Society/Nuclear Power Engineering Committee

P833/Draft 3

IEEE Draft Recommended Practice for the Protection of Electric Equipment in Nuclear Power Generating Stations from Water Hazards

Recommendation: APPROVE

IEEE Power and Energy Society/Power System Relaying and Control

PC37.119/Draft 4.1

IEEE Draft Guide for Power System Circuit Breaker Failure Protection

Recommendation: APPROVE

IEEE Power and Energy Society/Switchgear

PC37.74/Draft 4.3

IEEE Draft Standard Requirements for Subsurface, Vault, and Pad-mounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to and including 38 kV

Recommendation: APPROVE [9=yes, 0=no, 1=abstain (Swing)]

IEEE Power and Energy Society/Transformers

PC57.91/Draft 11

IEEE Draft Guide for Loading Mineral-Oil-Immersed Transformers and Step-Voltage Regulators

Recommendation: APPROVE

IEEE Power and Energy Society/Transmission and Distribution

P824/Draft 10

IEEE Draft Standard for Series Capacitor Banks in Power Systems

Recommendation: APPROVE