

IEEE SA Standards Board New Standards Committee (NesCom) Recommendations

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Computer Society/Learning Technology

P1484.20.1

Standard for Learning Technology-Data Model for Reusable Competency Definitions

Recommendation: Approve PAR withdrawal

IEEE Computer Society/Software & Systems Engineering Standards Committee

P7006

Standard for Personal Data Artificial Intelligence (AI) Agent

Recommendation: Approve PAR withdrawal

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

P11073-10428

Health Informatics -- Device Interoperability -- Part 10428: Personal Health Device Communication -- Device Specialization - Electronic Stethoscope

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Computer Society/Learning Technology

P1484.20.2

Recommended Practices for Defining Competencies

Recommendation: Approve modified PAR until December 2024

IEEE Power and Energy Society/Transmission and Distribution

P2030.10

Standard for DC Microgrids for Rural and Remote Electricity Access Applications

Recommendation: Approve modified PAR until December 2021

Extension Requests

IEEE Computer Society/Learning Technology

P7004

Standard for Child and Student Data Governance

Recommendation: Approve request for an extension until December 2023

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1128

Recommended Practice for Radio-Frequency (RF) Absorber Evaluation in the Range of 30 MHz to 40 GHz

Recommendation: Approve request for an extension until December 2023

IEEE Engineering in Medicine and Biology Society/Standards Committee

P1708

Standard for Wearable Cuffless Blood Pressure Measuring Devices

Recommendation: Approve request for an extension until December 2024

IEEE Industry Applications Society/Petroleum & Chemical Industry

P2455

Recommended Practice for the Repair and Maintenance of Direct Current Electric Machines

Recommendation: Approve request for an extension until December 2023

P80005-3

Utility Connections in Port - Part 3: Low Voltage Shore Connection (LVSC) Systems - General Requirements

Recommendation: Approve request for an extension until December 2022

IEEE Instrumentation and Measurement Society/TC41 - Traffic Enforcement Technologies

P2452

Standard for the Performance of Lidar Used in Traffic Speed Measurements

Recommendation: Approve request for an extension until December 2023

IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee

P1765

Recommended Practice for Estimating the Uncertainty in Error Vector Magnitude of Measured Digitally Modulated

Signals for Wireless Communications

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Electric Machinery

P11

Standard for Rotating Electric Machinery for Rail and Road Vehicles

Recommendation: Approve request for an extension until December 2023

IEEE Power and Energy Society/Energy Development & Power Generation

P1010

Guide for Control of Hydroelectric Power Plants

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Insulated Conductors

P1210

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

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Power System Relaying and Control

PC37.102

Guide for AC Generator Protection

Recommendation: Approve request for an extension until December 2022 (10 approve, 0 disapprove, 1 abstain)

PC37.233

Guide for Power System Protection Testing

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Substations

P2656

Guide for Functional Specification of Voltage-Sourced Converter for HVDC Stations

Recommendation: Approve request for an extension until December 2024

IEEE Power and Energy Society/Switchgear

PC37.68

Standard Design, Test, and Application Requirements for Microprocessor-Based Controls of Distribution Padmount, Dry Vault, Wet Vault, and Polemount Switchgear Rated Above 1 kV and Up to and Including 38 kV

Recommendation: Approve request for an extension until December 2023 (10 approve, 0 disapprove, 1 abstain)

PC37.301

Standard for High-Voltage Switchgear (Above 1000 V) Test Techniques--Partial Discharge Measurements

Recommendation: Approve request for an extension until December 2023 (9 approve, 0 disapprove, 2 abstain)

IEEE Power and Energy Society/Transmission and Distribution

P519

Standard for Harmonic Control in Electric Power Systems

Recommendation: Approve request for an extension until December 2022

P1885

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

Recommendation: Approve request for an extension until December 2022

IEEE Reliability Society/IEEE Reliability

P7009

Standard for Fail-Safe Design of Autonomous and Semi-Autonomous Systems

Recommendation: Approve request for an extension until December 2023

IEEE Robotics and Automation Society/Standing Committee for Standards

P1872.1

Robot Task Representation

Recommendation: Approve request for an extension until December 2023

IEEE SA Board of Governors/Corporate Advisory Group

P2779

Guide for Assessment of Geological Stability of Transmission Corridors

Recommendation: Approve request for an extension until December 2022

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

P7012

Standard for Machine Readable Personal Privacy Terms

Recommendation: Approve request for an extension until December 2023

New PARs

IEEE Computer Society/Artificial Intelligence Standards Committee

P3123

Standard for Artificial Intelligence and Machine Learning (AI/ML) Terminology and Data Formats

Recommendation: Approve new PAR until December 2025

P3127

Guide for an Architectural Framework for Blockchain-based Federated Machine Learning

Recommendation: Approve new PAR until December 2025

P3128

Recommended Practice for The Evaluation of Artificial Intelligence (AI) Dialogue System Capabilities

Recommendation: Approve new PAR until December 2025

P3129

Standard for Robustness Testing and Evaluation of Artificial Intelligence (AI)-based Image Recognition Service

Recommendation: Approve new PAR until December 2025

IEEE Computer Society/Data Compression Standards Committee

P3122

Standard for Data Processing and Compression Framework for Internet of Things

Recommendation: Approve new PAR until December 2025

IEEE Computer Society/Learning Technology

P1484.20.3

Standard Data Model for Sharable Competency Definitions

Recommendation: Approve new PAR until December 2025

P2807.6

Guide for K-12 Educational Knowledge Graphs

Recommendation: Approve new PAR until December 2025

IEEE Computer Society/Microprocessor Standards Committee

P3120

Standard for Quantum Computing Architecture

Recommendation: Approve new PAR until December 2025

IEEE Computer Society/Smart Manufacturing Standards Committee

P3121

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

Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Transmission and Distribution

P3132

Guide for Application of Spacers and Spacer Dampers on Bundled Conductors

Recommendation: Approve new PAR until December 2025

P3133

Guide for Direct Current (DC) Ice-Melting Technology of Overhead Transmission Lines

Recommendation: Approve new PAR until December 2025

P3134

Guide for Drawing Regional Icing Maps for Overhead Transmission Lines

Recommendation: Approve new PAR until December 2025

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

P7010.1

Recommended Practice for Environmental Social Governance (ESG) and Social Development Goal (SDG) Action Implementation and Advancing Corporate Social Responsibility

Recommendation: Approve new PAR until December 2025

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P3130

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

Recommendation: Approve new PAR until December 2025

PARs for the Revision of Standards

IEEE Engineering in Medicine and Biology Society/Standards Committee

P2010

Recommended Practice for Neurofeedback Systems

Recommendation: Approve PAR for the revision of a standard until December 2025

IEEE Power and Energy Society/Analytic Methods for Power Systems

P1729

Recommended Practice for Electric Power Distribution System Analysis

Recommendation: Approve PAR for the revision of a standard until December 2025

IEEE Power and Energy Society/Transmission and Distribution

P1036

Guide for the Application of Shunt Power Capacitors

Recommendation: Approve PAR for the revision of a standard until December 2025

P1829

Guide for Conducting Corona Tests on Hardware for Overhead Transmission Lines and Substations

Recommendation: Approve PAR for the revision of a standard until December 2025

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1628

Recommended Practice for Maintenance of Direct Current (DC) Overhead Contact Systems for Transit Systems

Recommendation: Approve PAR for the revision of a standard until December 2025

IEEE-SASB Coordinating Committees/SCC31 - Automatic Meter Reading and Energy Management

P1377

Standard for Utility Industry Metering Communication Protocol Application Layer (End Device Data Tables)

Recommendation: Approve PAR for the revision of a standard until December 2025

P1701

Standard for Optical Port Communication Protocol to Complement the Utility Industry End Device Data Tables

Recommendation: Approve PAR for the revision of a standard until December 2025

P1702

Standard for Telephone Modem Communication Protocol to Complement the Utility Industry End Device Data Tables

Recommendation: Approve PAR for the revision of a standard until December 2025

P1703

Standard for Local Area Network/Wide Area Network (LAN/WAN) Node Communication Protocol to Complement the Utility Industry End Device Data Tables

Recommendation: Approve PAR for the revision of a standard until December 2025 (10 approve, 0 disapprove, 1 abstain)

Standards Committee Changes

Current Standards Committee for the following PAR: C/DA; New Standards Committee: C/FSSC

P2851 'Standard for Exchange/Interoperability Format for Functional Safety Analysis and Functional Safety Verification of IP, SoC and Mixed Signal ICs'