

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations [SASB approval date: 21-Aug-2014]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P21451-2

Standard for a Smart Transducer Interface for Sensors and Actuators - Serial Point-to-Point Interface

Recommendation: Approve PAR withdrawal.

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

P1671.0

Guide for the Use of Automatic Test Equipment Markup Language (ATML); the IEEE-1671 Family of Standards

Recommendation: Approve PAR withdrawal.

Modified PARs

IEEE Computer Society/Standards Activities Board

P3333.1.1

Standard for the Quality of Experience (QoE) and Visual Comfort Assessments of Three Dimensional (3D) Contents Based on Psychophysical Studies

Recommendation: Approve modified PAR

P3333.2.1

Recommended Practice for Three-Dimensional (3D) Medical Modelling

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Switchgear

PC37.20.1

Standard for Metal-Enclosed Low Voltage (1000Vac and Below, 3200Vdc and Below) Power Circuit Breaker Switchgear

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Transformers

PC57.153

Guide for Paralleling Regulating Transformers

Recommendation: Approve modified PAR

Extension Requests

IEEE Computer Society/Standards Activities Board

P1680.4

Standard for Environmental Assessment of Servers

Recommendation: Approve request for an extension until December 2017

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3001.2

Recommended Practice for Evaluating the Electrical Service Requirements of Industrial and Commercial Power Systems

Recommendation: Approve request for an extension until December 2016

P3001.9

Recommended Practice for the Lighting of Industrial and Commercial Facilities

Recommendation: Approve request for an extension until December 2016

IEEE Instrumentation and Measurement Society/TC25 - Medical and Biological Measurements

P1721

Standard for Objective Measurement of Systemic Arterial Blood Pressure in Humans

Recommendation: Approve request for an extension until December 2016

IEEE Power and Energy Society/Substations

P1818

Guide for the Design of Low Voltage Auxiliary Systems for Electric Power Substations

Recommendation: Approve request for an extension until December 2016

IEEE Power and Energy Society/Switchgear

PC37.302

Guide for Fault Current Limiter (FCL) Testing

Recommendation: Approve request for an extension until December 2016

IEEE Power and Energy Society/Transformers

PC57.130

Guide for the Use of Dissolved Gas Analysis Applied to Factory Temperature Rise Tests for the Evaluation of Mineral Oil-Immersed Transformers and Reactors

Recommendation: Approve request for an extension until December 2015

PC57.637

Guide for the Reclamation of Mineral Insulating Oil and Criteria for Its Use

Recommendation: Approve request for an extension until December 2015

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

P1671.1

Standard for Automatic Test Markup Language (ATML) Test Description

Recommendation: Approve request for an extension until December 2016

P1671.3

Standard for Automatic Test Markup Language (ATML) Unit Under Test (UUT) Description

Recommendation: Approve request for an extension until December 2016

New PARs

IEEE Computer Society/Design Automation

P2415

Standard for Unified Hardware Abstraction and Layer for Energy Proportional Electronic Systems

Recommendation: Approve new PAR until December 2018

P2416

Standard for Power Modeling to Enable System Level Analysis

Recommendation: Approve new PAR until December 2018

IEEE Computer Society/Foundation for Intelligent Physical Agents

P2409

Trial Use Recommended Practice for Design Process Documentation Template (DPDT)

Recommendation: Approve new PAR until December 2018

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AEcg

Standard for Local and Metropolitan Area Networks: Media Access Control (MAC) Security

Amendment: Ethernet Data Encryption Devices

Recommendation: Approve new PAR until December 2018

P802.1ARce

Standard for Local and Metropolitan Area Networks - Secure Device Identity Amendment 1: SHA-384 and P-384 Elliptic Curve

Recommendation: Approve new PAR until December 2018

P802.3bw

Standard for Ethernet Amendment Physical Layer Specifications and Management Parameters for 100 Mb/s Operation over a Single Balanced Twisted Pair Cable (100BASE-T1)

Recommendation: Approve new PAR until December 2018

P802.15.4s

Standard for Low-Rate Wireless Networks: Amendment Enabling Spectrum Resource Measurement Capability

Recommendation: Approve new PAR until December 2018

P802.22.3

Standard for Spectrum Characterization and Occupancy Sensing

Recommendation: Approve new PAR until December 2018

IEEE Computer Society/Voting Systems Standards Committee

P1622.6

Recommended Practice for Voting Methods Mathematical Models

Recommendation: Approve new PAR until December 2018

IEEE Communications Society/Dynamic Spectrum Access Networks Standards Committee

P1900.6b

Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and other Advanced Radio Communication Systems. Spectrum Database Interfaces Amendment

Recommendation: Approve new PAR until December 2018

IEEE Industry Applications Society/Power Systems Protection

P2408

Guide for Communications-Based Protection of Industrial and Commercial Power Systems

Recommendation: Conditionally approve new PAR until December 2018; contingent upon supplying the name of the standards/protocols identified in 5.2 and 5.5, and including the full titles of those standards/protocols in section 8.1.

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P61158

Standard for Industrial Hard Real-Time Communication

Recommendation: Approve new PAR until December 2018

IEEE Power and Energy Society/Insulated Conductors

P2412

Standard Test for Determining Circuit Integrity Performance of Fire Resistive Cable Systems in Passenger Rail and Road Tunnels

Recommendation: Approve new PAR until December 2018

IEEE Power and Energy Society/Nuclear Power Engineering

P62582-2-am1

Nuclear Power Plants - Instrumentation and Control Important to Safety - Electrical Equipment Condition Monitoring Methods - Part 2: Indenter Modulus Amendment 1

Recommendation: Approve new PAR until December 2018

IEEE Power and Energy Society/Switchgear

PC37.20.9

Metal Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulation Systems

Recommendation: Approve new PAR until December 2018

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1653.1

Standard for Traction Power Transformers for Substation Applications up to 1500 Volts DC Nominal Output

Recommendation: Approve new PAR until December 2018

PARs for the Revision of Standards

IEEE Computer Society/Microprocessor Standards Committee

P1722

Standard for a Transport Protocol for Time Sensitive Applications in a Bridged Local Area Network

Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P21451-2

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

Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE Power and Energy Society/Energy Development & Power Generation

P1147

Guide for the Rehabilitation of Hydroelectric Power Plants

Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE Power and Energy Society/Stationary Batteries Committee

P1578

Recommended Practice for Stationary Battery Electrolyte Spill Containment and Management

Recommendation: Approve PAR for the revision of a standard until December 2018

IEEE Power and Energy Society/Switchgear

PC37.30.1

Standard Requirements for AC High-Voltage Air Switches Rated Above 1000 V

Recommendation: Approve PAR for the revision of a standard until December 2018

PC37.59

Standard Requirements for Conversion of Power Switchgear Equipment

Recommendation: Approve PAR for the revision of a standard until December 2018

PC37.81

Guide for Seismic Qualification of Class 1E Metal-Enclosed Power Switchgear Assemblies

Recommendation: Approve PAR for the revision of a standard until December 2018

PC37.82

Standard for the Qualification of Switchgear Assemblies for Class 1E Applications in Nuclear Power Generating Stations

Recommendation: Approve PAR for the revision of a standard until December 2018

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 2018

IEEE Power and Energy Society/Transformers

PC57.12.23

Standard for Submersible Single-Phase Transformers: 250 kVA and Smaller; High Voltage 34 500GrdY/19 920V and Below; Low Voltage 600 V and Below

Recommendation: Approve PAR for the revision of a standard until December 2018

PC57.12.51

Standard for Ventilated Dry-Type Power Transformers, 501 kVA and Larger, Three-Phase, with High-Voltage 601 V to 34 500 V; Low-Voltage 208Y/120 V to 4160 V- General Requirements

Recommendation: Approve PAR for the revision of a standard until December 2018

PC57.21

Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA

Recommendation: Approve PAR for the revision of a standard until December 2018