

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations

27 Jan 2012 [IEEE-SASB approved 6 Feb 2012]

NesCom submits the following recommendations to the IEEE-SA Board. Except where noted, all votes were unanimous.

Withdrawal Requests

IEEE Computer Society/Storage Systems

P1244.1

Standard for Media Management System (MMS) Architecture

Recommendation: Approve PAR withdrawal.

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

P11073-20201

Standard for Health informatics - Point-of-care medical device communication - Application profile – Polling mode

Recommendation: Approve PAR withdrawal.

P11073-20202

Standard for Health informatics - Point-of-care medical device communication - Application profile – Baseline asynchronous mode

Recommendation: Approve PAR withdrawal.

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.1

Standard for A Smart Transducer Interface for Sensors and Actuators - Network Capable Application Processor (NCAP) Information Model

Recommendation: Approve PAR withdrawal.

Modified PARs

IEEE Computer Society/Software & Systems Engineering Standards Committee

P26511

Systems and software engineering -- Requirements for managers of user documentation

Recommendation: Approve modified PAR.

P26515

Systems and software engineering -- Developing user documentation in an agile environment

Recommendation: Approve modified PAR.

IEEE Power and Energy Society/Energy Development & Power Generation

P422

Guide for the Design of Cable Raceway Systems for Electric Generating Facilities

Recommendation: Approve modified PAR.

IEEE Power and Energy Society/Electric Machinery

P1310

Recommended Practice for Thermal Cycle Testing of Form-Wound Stator Bars and Coils for Large Rotating Machines

Recommendation: Approve modified PAR.

P1799

Recommended Practice for Quality Control Testing of External Discharges on Stator Coils, Bars and Windings

Recommendation: Approve modified PAR.

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

PC62.44

Guide for the Application of Low-Voltage (1000 Volts rms or Less) Surge Protective Devices Used on Secondary Distribution Systems (Between the Transformer Low-Voltage Terminals and the Line Side of the Service Entrance Panel)

Recommendation: Approve modified PAR.

IEEE Power and Energy Society/Transmission and Distribution

P1815

Standard for Electric Power Systems Communications - Distributed Network Protocol (DNP3)

Recommendation: Approve modified PAR.

PC135.64

Guide for Slip and Pull-Out Strength Testing of Bolted Dead End Strain Clamps

Recommendation: Approve modified PAR.

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

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 modified PAR.

Extension Requests

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1642

Recommended Practice for Protecting Public Accessible Computer Systems from

Intentional EMI

Recommendation: Approve request for an extension until December 2012.

IEEE Nuclear and Plasma Sciences Society/Nuclear Instruments and Detectors

P325

Standard Test Procedures for Germanium Gamma-Ray Detectors Used in Analog and Digital Signal Processing Systems

Recommendation: Defer request for an extension until the 28 March 2012 NesCom meeting. If sponsor ballot has not begun by that time, the request will be disapproved.

IEEE Power and Energy Society/Energy Development & Power Generation

P1095

Guide for the Installation of Vertical Generators and Generator/Motors for Hydroelectric Applications

Recommendation: Approve request for an extension until December 2012.

IEEE Power and Energy Society/Insulated Conductors

P848

Standard Procedure for the Determination of the Ampacity Derating Factor for Fire-Protected Cable Systems

Recommendation: Approve request for an extension until December 2012.

IEEE Power and Energy Society/Power System Analysis, Computing, and Economics Committee

P1729

Recommended Practice for Electric Power Distribution System Analysis

Recommendation: Approve request for an extension until December 2013.

IEEE Power and Energy Society/Transmission and Distribution

P1048

Guide for Protective Grounding of Power Lines

Recommendation: Approve request for an extension until December 2012.

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

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 request for an extension until December 2012.

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1627

Standard for Grounding Practices for dc Electrification Overhead Contact Systems, Including Application of Lightning Arresters, for Transit Systems
Recommendation: Defer request for an extension until the 28 March 2012 NesCom meeting. If sponsor ballot has not begun by that time, the request will be disapproved.

New PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Q-2011/Cor 2

IEEE Standard for Local and Metropolitan Area Networks - Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks - Corrigendum 2: Technical and editorial corrections

Recommendation: Approve new PAR until December 2016.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P1723

Standard for a Service-Oriented Architecture (SOA) Reference Architecture
Recommendation: Defer approval of new PAR until the 28 March 2012 NesCom meeting so that additional input on the title, scope and purpose can be obtained from the Working Group.

IEEE Computational Intelligence Society/Standards Committee

P1855

Standard for FML - Fuzzy Markup Language - for achieving interoperability in fuzzy systems design

Recommendation: Approve new PAR until December 2016.

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P1451.001

Recommended Practice for Signal Treatment Applied to Smart Transducers

Recommendation: Approve new PAR until December 2016.

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.1.4

Standard for a Smart Transducer Interface for Sensors, Actuators, and Devices - eXtensible Messaging and Presence Protocol (XMPP) for Networked Device Communication

Recommendation: Approve new PAR until December 2016.

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

PC62.52

Guide for the Application of Surge Protective Devices for a Wind Power Facility
Recommendation: Approve new PAR until December 2016.

IEEE Power and Energy Society/Switchgear

PC37.30.3

Standard Requirements for High Voltage Interrupter Switches, Interrupters or Interrupting Aids used on or attached to Switches Rated for Alternating Currents above 1000 Volts

Recommendation: Approve new PAR until December 2016.

PC37.30.4

Standard for Test Code for Switching and Fault Making Tests for High Voltage Interrupter Switches, Interrupters or Interrupting Aids used on or attached to Switches Rated for Alternating Currents Above 1000 Volts

Recommendation: Approve new PAR until December 2016.

IEEE Power and Energy Society/Transmission and Distribution**P1854**

Guide for Smart Distribution Applications Guide

Recommendation: Approve new PAR until December 2016.

IEEE Power and Energy Society/Transformers

PC57.12.39

Standard Requirements for Distribution Transformer Tank Pressure Coordination

Recommendation: Approve new PAR until December 2016.

PARs for the Revision of Standards

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 for the revision of a standard until December 2016.

IEEE Power and Energy Society/Nuclear Power Engineering

P690

Standard for the Design and Installation of Cable Systems for Class 1E Circuits in Nuclear Power Generating Stations

Recommendation: Approve PAR for the revision of a standard until December 2016.

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

PC62.48

Guide for Interactions Between Power System Disturbances and Surge Protective Devices

Recommendation: Approve PAR for the revision of a standard until December 2016.

IEEE Power and Energy Society/Transmission and Distribution

P957

Guide for Monitoring, Managing and Cleaning of Contaminated Insulators

Recommendation: Defer approval of the PAR for the revision of a standard until the 28 March 2012 NesCom meeting. The scope and purpose need more work.

IEEE Power and Energy Society/Transformers

P1276

Guide for the Application of High-Temperature Insulation Materials in Liquid-Immersed Power Transformers

Recommendation: Approve PAR for the revision of a standard until December 2016.

PC57.147

Guide for Acceptance and Maintenance of Natural Ester Insulating Fluids in Transformers and Other Electrical Equipment

Recommendation: Approve PAR for the revision of a standard until December 2016.

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

PC95.3

Recommended Practice for Measurements and Computations of Electric, Magnetic and Electromagnetic Fields With Respect to Human Exposure to Such Fields, 0 Hz-300 GHz

Recommendation: Approve PAR for the revision of a standard until December 2016.