NesCom Recommendations

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

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.

IEEE Power and Energy Society/Switchgear

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.