IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations
07 June 2012
[SASB approval date: 8 Jun 2012]

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

Withdrawal Requests

**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: Approve PAR withdrawal.*

**IEEE Power and Energy Society/Substations**

**P1613**
Standard for Environmental and Testing Requirements for Communications Networking Devices Installed in Electric Power Facilities

*Recommendation: Approve PAR withdrawal.*

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

**P1505.1.1**
Standard for the Common Test Interface Pin Map (IEEE Std 1505.1) Using the IEEE Std 1671.6 Exchange Format

*Recommendation: Approve PAR withdrawal.*

**Modified PARs**

**IEEE-SA Board of Governors/Corporate Advisory Group**

**P1860**
Guide for Voltage Regulation and Reactive Power Compensation at 1000 kV AC and Above

*Recommendation: Approve modified PAR*

**P1861**
Guide for On-site Acceptance Tests of Electrical Equipment and System Commissioning of 1000 kV AC and Above

*Recommendation: Approve modified PAR*

**P1862**
Recommended Practice for Overvoltage and Insulation Coordination of Transmission Systems at 1000kV AC and Above

*Recommendation: Approve modified PAR*

**IEEE Computer Society/Microprocessor Standards Committee**

**P1823**
Standard for a Universal Power Adapter for Mobile Devices

*Recommendation: Approve modified PAR*
IEEE Instrumentation and Measurement Society/TC4 - High Frequency Measurement

P287
Standard for Precision Coaxial Connectors at RF, Microwave and Millimeter-wave Frequencies
Recommendation: Approve modified PAR

IEEE Power and Energy Society/Switchgear

P62271-37-013
High-Voltage Switchgear and Controlgear - Part 37-013: Alternating-current generator circuit-breakers
Recommendation: Approve modified PAR

Extension Requests

IEEE Power and Energy Society/Transformers

PC57.637
Guide for the Reclamation of Insulating Oil and Criteria for Its Use
Recommendation: Approve request for an extension until December 2014

New PARs

IEEE Computer Society/Software & Systems Engineering Standards Committee

P1009
Standard for the Archstie Programming Language
Recommendation: Approve new PAR until December 2016

P1723
Standard for a Service-Oriented Architecture (SOA) Reference Architecture
Recommendation: Approve new PAR until December 2016

P2030.4
Guide for Control and Automation Installations Applied to the Electric Power Infrastructure
Recommendation: Approve new PAR until December 2016

IEEE Computer Society/Standards Activities Board

P1622.1
Standard for Voter Registration Data Interchange Format
Recommendation: Approve new PAR until December 2016

P1622.2
Standard for Election Results Reporting Data Interchange Format
Recommendation: Approve new PAR until December 2016

IEEE Computer Society/Test Technology

P1450.4
Recommendation: Approve new PAR until December 2016

IEEE Consumer Electronics Society/Standards Committee

P1874
Standard for Documentation Schema for Repair of Electronic Devices
Recommendation: Approve new PAR until December 2016

IEEE Education Society/Standards Committee
P1876
Standard for Networked Smart Learning for Online Laboratories
Recommendation: Approve new PAR until December 2016

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

P11073-10417a
Health informatics--Personal health device communication Part 10417: Device specialization--Glucose meter Amendment 1
Recommendation: Approve new PAR until December 2016

IEEE Power and Energy Society/Power System Relaying

PC37.245
Guide for the Application of Protective Relaying for Phase Shifting Transformers
Recommendation: Approve new PAR until December 2016

IEEE Power and Energy Society/Substations

P1613.1
Standard Environmental and Testing Requirements for Communications Networking Devices Installed in Transmission and Distribution Facilities
Recommendation: Approve new PAR until December 2016

P2030.100
Recommended Practice for Implementing an IEC 61850 Based Substation Communications, Protection, Monitoring and Control System
Recommendation: Approve new PAR until December 2016

IEEE Power and Energy Society/Transformers

P60076-16
Standard Requirements for Wind Turbine Generator Transformers
Recommendation: Approve new PAR until December 2016

P60076-57-1202
Standard Requirements for Liquid Immersed Phase-Shifting Transformers
Recommendation: Approve new PAR until December 2016

PC57.159
Guide on Transformers for Application in Distributed Photovoltaic (DPV) Power Generation Systems
Recommendation: Approve new PAR until December 2016

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

P1877
Standard for Test Orchestration Interface (TOIF) for Orchestrating Resources, Observations, and Information via Web Services
Recommendation: Approve new PAR until December 2016

IEEE Ultrasonics, Ferroelectrics and Frequency Control Society/IEEE Ultrasonics, Ferroelectrics and Frequency Control

P1859
Standard for Relaxor-Based Single Crystals for Transducer and Actuator Applications
Recommendation: Defer approval of new PAR to the August 2012 NesCom meeting
[Approve=5, Disapprove=4]

PARs for the Revision of Standards

IEEE Computer Society/Environmental Assessment of Standards Committee
P1680.1
Recommendation: Approve PAR for the revision of a standard until December 2016
The SASB amended the NesCom recommendation, resulting in:
Conditionally approve the P1680.1 PAR for the revision of a standard until December 2016, contingent upon the receipt of a favorable review of the WG P&P by AudCom

IEEE Power and Energy Society/Power System Relaying

PC37.103
Guide for Differential and Polarizing Relay Circuit Testing
Recommendation: Approve PAR for the revision of a standard until December 2016

IEEE Power and Energy Society/Transformers

PC57.12.20
Standard for Overhead-Type Distribution Transformers 500 kVA and Smaller: High Voltage, 34 500 V and Below; Low Voltage, 7970/13 800Y V and Below
Recommendation: Approve PAR for the revision of a standard until December 2016