NesCom Recommendations

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations
[SASB approval date: 16-Feb-2015]

[All votes unanimous unless noted otherwise.]

Modified PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Qbv
Standard for Local and Metropolitan Area Networks - Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Enhancements for Scheduled Traffic
Recommendation: Approve modified PAR

IEEE Power and Energy Society/Substations

P2030.102.1
Standard for Interoperability of Internet Protocol Security (IPsec) Utilized within Utility Control Systems
Recommendation: Approve modified PAR

IEEE-SASB Coordinating Committees/SCC21 - Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage

P1562
Guide for Array and Battery Sizing in Stand-Alone Photovoltaic (PV) Systems
Recommendation: Approve modified PAR

Extension Requests

IEEE Power and Energy Society/Substations

P1821
Guide for Usage of Design Tools for Power Electronic Building Blocks (PEBB) and PEBB Based Systems
Recommendation: Defer extension request until March 2015 NesCom meeting

IEEE Power and Energy Society/Transmission and Distribution

P524
Guide to the Installation of Overhead Transmission Line Conductors
Recommendation: Approve request for an extension until December 2015
P1048
Guide for Protective Grounding of Power Lines
Recommendation: Approve request for an extension until December 2015

New PARs

IEEE-SA Board of Governors/Corporate Advisory Group

P1863
Guide for Overhead AC Transmission Line Design
Recommendation: Defer until March 2015 NesCom meeting

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Q-2014/Cor 1
Standard for Local and Metropolitan Area Networks -- Bridges and Bridged Networks
- Corrigendum 1: Technical and Editorial Corrections
Recommendation: Approve new PAR until December 2019

P802.1Qch
Standard for Local and Metropolitan Area Networks -- Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Cyclic Queuing and Forwarding
Recommendation: Approve new PAR until December 2019

IEEE Computer Society/Learning Technology

P1589
Standard for an Augmented Reality Learning Experience Model
Recommendation: Approve new PAR until December 2019

IEEE Computer Society/Microprocessor Standards Committee

P1788.1
Standard for Interval Arithmetic (Simplified)
Recommendation: Approve new PAR until December 2019

IEEE Computer Society/Software & Systems Engineering Standards Committee

P1723.1
Open Group Standard SOA Reference Architecture
Recommendation: Approve new PAR until December 2019

P1723.2
The Reference Architecture Foundation for Service Oriented Architecture Version 1.0
Recommendation: Approve new PAR until December 2019

P90003
Recommendation: Approve new PAR until December 2019

IEEE Power and Energy Society/Switchgear

PC37.20.10
Standard for Definitions for AC (52 kV and Below) and DC (3.2 kV and Below) Switchgear Assemblies
Recommendation: Approve new PAR until December 2019

IEEE-SASB Coordinating Committees/SCC21 - Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage

P2030.9
Recommended Practice for the Planning and Design of the Microgrid
Recommendation: Approve new PAR until December 2019

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1653.5
Recommended Practice for Controlled Rectifiers for Traction Power Substation Applications
Recommendation: Approve new PAR until December 2019

PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AS
Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications
Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Computer Society/Software & Systems Engineering Standards Committee

P26513
Systems and Software Engineering -- Requirements for Testers and Reviewers of User Documentation
Recommendation: Approve PAR for the revision of a standard until December 2019

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

P11073-10424
Health Informatics -- Personal Health Device Communication - Part 10424: Device Specialization -- Sleep Apnoea Breathing Therapy Equipment (SABTE)
Recommendation: Approve PAR for the revision of a standard until December 2019

P11073-20601
Health Informatics -- Personal Health Device Communication - Part 20601: Application Profile - Optimized Exchange Protocol
Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Power and Energy Society/Electric Machinery

P1553
Standard for Voltage Endurance Testing of Form-Wound Coils and Bars for Hydrogenerators
Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Power and Energy Society/Nuclear Power Engineering

P603
Standard Criteria for Safety Systems for Nuclear Power Generating Stations
Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Power and Energy Society/Switchgear

PC37.27
Recommendation: Approve PAR for the revision of a standard until December 2019

IEEE Power and Energy Society/Transformers

PC57.127
Guide for the Detection, Location and Interpretation of Sources of Acoustic Emissions from Electrical Discharges in Power Transformers and Power Reactors
Recommendation: Approve PAR for the revision of a standard until December 2019
**P1484.11.1** (C/LT)
Standard for Learning Technology-Data Model for Content Object Communication
*(Revision PAR)*
*Did not appear on expiring PARs list for 2014*

**P45.4** (IAS/PCI)
Recommended Practice for Electrical Installations on Shipboard - Marine Sectors and Mission Systems
*(New PAR)*
*Extension request deferred from December 2014; Sponsor now requested administrative withdrawal.*

**P3002.9** (IAS/TBCC)
Recommended Practice for Conducting Switching-Transient Studies of Industrial and Commercial Power Systems
*(New PAR)*
*Extension request not approved in December 2014; was not on list for administrative withdrawal.*

**P3005.4** (IAS/TBCC)
Recommended Practice for Design and Operational Considerations for Improving the Reliability of Emergency and Stand-By Power Systems
*(New PAR)*
*Extension request deferred from December 2014; Sponsor now requested administrative withdrawal.*

**P3005.7** (IAS/TBCC)
Recommended Practice for the Application of Metering for Energy Management of Industrial and Commercial Power Systems
*(New PAR)*
*Extension request deferred from December 2014; Sponsor now requested administrative withdrawal.*