IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations
[Standards Board Approval Date 02 February 2011]

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

Modified PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.4
Standard for Local and Metropolitan Area Networks
Part 15.4: Low Rate Wireless Personal Area Networks (LR-WPANs)
Recommendation: Approve modified PAR until December 2014

P802.15.4e
IEEE Standard for Local and Metropolitan Area Networks
Part 15.4: Low Rate Wireless Personal Area Networks (LR-WPANs) Amendment to the MAC sub-layer
Recommendation: Approve modified PAR until December 2011

P802.15.4f
IEEE Standard for Local and Metropolitan Area Networks
Part 15.4: Low Rate Wireless Personal Area Networks (LR-WPANs) Amendment: Active Radio Frequency Identification (RFID) System Physical Layer (PHY)
Recommendation: Approve modified PAR until December 2012

P802.15.4g
IEEE Standard for Local and Metropolitan Area Networks
Part 15.4: Low Rate Wireless Personal Area Networks (LR-WPANs) Amendment: Physical Layer (PHY) Specifications for Low Data Rate Wireless Smart Metering Utility Networks
Recommendation: Approve modified PAR until December 2012

IEEE Computer Society/Software & Systems Engineering Standards Committee

P828
Standard for Software and Software Systems Configuration Management
Recommendation: Approve modified PAR until December 2012

P15026-1
Standard for Adoption of ISO/IEC TR 15026-1:2010 Systems and software engineering -- Systems and software assurance -- Part 1: Concepts and vocabulary
Recommendation: Approve modified PAR until December 2014

P24748-1
Guide: Adoption of ISO/IEC TR 24748-1, Systems and Software Engineering--Life Cycle Management--Part 1: Guide for Life Cycle Management
Recommendation: Approve modified PAR until December 2013

P26512
Standard for Software and Systems Engineering -- Requirements for Acquirers and Suppliers of User Documentation
Recommendation: Approve modified PAR until December 2013

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 until December 2012

IEEE Power and Energy Society/Nuclear Power Engineering

P1682
Standard for Qualifying Fiber Optic Cables, Connections, and Optical Fiber Splices for Use in Safety Systems of Nuclear Power Generating Stations
Recommendation: Approve modified PAR until December 2011

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

P1361
Guide for Selection, Charging, Test and Evaluation of Lead-Acid Batteries Used in Stand-Alone Photovoltaic (PV) Systems
Recommendation: Approve modified PAR until December 2012

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

P1701
Standard for Optical Port Communication Protocol to Complement the Utility

Industry End Device Data Tables
Recommendation: Approve modified PAR until January 2011

P1702
Standard for Telephone Modem Communication Protocol to Complement the Utility Industry End Device Data Tables
Recommendation: Approve modified PAR until January 2011

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1558-2004/Cor 1
IEEE Standard for Software Documentation for Rail Equipment and Systems - Corrigendum 1: Coordination between IEEE Std 1558TM and recent changes to other software standards
Recommendation: Approve modified PAR until December 2013

Extension Requests

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1627
Standard for Grounding Practices for dc Electrification Overhead Contract Systems, Including Application of Lightning Arresters, for Transit Systems

Recommendation: Approve request for an extension until December 2011

P1629
Standard for Performance of dc Overhead Current Collectors for Transit Vehicles
Recommendation: Approve request for an extension until December 2011

New PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.1AEbn
IEEE Standard for Local and Metropolitan Area Networks: Media Access Control (MAC) Security Amendment: Galois Counter Mode-Advanced Encryption Standard-256 (GCM-AES-256) Cipher Suite
Recommendation: Approve new PAR until December 2015

IEEE Computer Society/Software & Systems Engineering Standards Committee

P24748-4

Standard for adoption of ISO/IEC 24748-4, Systems and software engineering --
Life cycle management -- Part 4: Systems engineering management plan
Recommendation: Approve new PAR until December 2015

P26511
Standard for Software and systems engineering -- Requirements for managers of
user documentation
Recommendation: Approve new PAR until December 2015

P26515
Standard for Software and systems engineering -- Developing user documentation
in an agile environment
Recommendation: Approve new PAR until December 2015

IEEE Computer Society/Standards Activities Board

P2301
Guide for Cloud Portability and Interoperability Profiles (CPIP)
Recommendation: Approve new PAR until December 2015

P2302
Standard for Intercloud Interoperability and Federation (SIIF)
Recommendation: Approve new PAR until December 2015

IEEE Computer Society/Test Technology

P1838
Standard for Test Access Architecture for Three-Dimensional Stacked Integrated
Circuits
*Recommendation: Approve new PAR until December 2015 contingent on
working group chair information being added to the PAR form.*

IEEE Communications Society/Standards Committee

P269a
Standard Methods for Measuring Transmission Performance of Analog and Digital
Telephone Sets, Handsets, and Headsets - Amendment 1
Recommendation: Approve new PAR until December 2015

P1900.1a
IEEE Standard Definitions and Concepts for Dynamic Spectrum Access: Terminology
Relating to Emerging Wireless Networks, System Functionality, and Spectrum
Management Amendment: Addition of New Terms and Associated Definitions
Recommendation: Approve new PAR until December 2015

P1900.7
Standard for MAC and PHY Specification for Fixed, Nomadic, and Mobile Operation of White Space Dynamic Spectrum Access Radio Systems
Recommendation: Defer PAR until 30 March 2011 NesCom meeting
[Vote: 6 approve, 1 disapprove, 1 abstain]

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

P11073-10422
Standard for Health informatics - Personal health device communication - Device specialization - Urine analyzer
Recommendation: Approve new PAR until December 2015

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1068-2009/Cor 1
IEEE Standard for the Repair and Rewinding of AC Electric Motors in the Petroleum, Chemical, and Process Industries - Corrigendum 1
Recommendation: Approve new PAR until December 2015

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3004.13
Recommended Practice for Overcurrent Coordination in Industrial and Commercial Power Systems
Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Stationary Batteries Committee

P1679.1
Guide for the Characterization and Evaluation of Lithium-Based Batteries in Stationary Applications
Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Substations

P1815.1
Standard for Exchanging Information Between Networks Implementing IEC 61850 and IEEE Std 1815 (Distributed Network Protocol - DNP3)
Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Transmission and Distribution

P1835
Standard for Atmospheric (Above-Grade) Corrosion Control of Existing Electric Transmission, Distribution, and Substation Structures by Coating Systems
Recommendation: Approve new PAR until December 2015

P1839
Standard for Below-Grade Corrosion Control of Transmission, Distribution, and Substation Structures
by Coating Repair Systems
Recommendation: Approve new PAR until December 2015

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

P2030.3
Standard for Test Procedures for Electric Energy Storage Equipment and Systems for Electric Power Systems Applications
Recommendation: Approve new PAR until December 2015

PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

P802.3
Standard for Ethernet
Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Power System Relaying

PC37.232
Standard for Common Format for Naming Time Sequence Data Files (COMNAME)
Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Transmission and Distribution

P1815
Standard for Electric Power Systems Communications - Distributed Network Protocol (DNP3)
Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Transformers

PC57.125
Guide for Failure Investigation, Documentation, Analysis, and Reporting for Power Transformers and Shunt Reactors
Recommendation: Approve PAR for the revision of a standard until December 2015

PC57.138
Recommended Practice for Routine Impulse Test for Distribution Transformers
Recommendation: Approve PAR for the revision of a standard until December 2015

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 PAR for the revision of a standard until December 2015

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1475
Standard for the Functioning of and Interfaces Among Propulsion, Friction Brake, and Train-borne Master Control on Rail Rapid Transit Vehicles
Recommendation: Approve PAR for the revision of a standard until December 2015

P1482.1
Standard for Rail Transit Vehicle Event Recorders
Recommendation: Approve PAR for the revision of a standard until December 2015

PARs to be Administratively Withdrawn

IEEE Computer Society/Software & Systems Engineering Standards Committee

P1648
Recommended Practice for the Customer-Supplier Relationship in Agile Software Development

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

PC62.33

Standard Test Specifications for Varistor Surge-Protective Devices

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

P1528.3

Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz: Specific Requirements for Finite Difference Time Domain (FDTD) Modeling of Mobile Phones/Personal Wireless Devices

IEEE Vehicular Technology/Rail Transit Standards Committee

P1544

Standard for Transit Communications Interface Profiles (TCIP) for Railcar Basic Operating Unit Interoperability - Data Element Definitions