IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations
[SASB approval date: 5-Dec-2012]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

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

PC62.69
Standard Specifications for Self-Restoring Current Limiter Components Used in Telecommunication Surge Protectors
Recommendation: Approve PAR withdrawal

IEEE Power and Energy Society/Switchgear

PC37.20.8
Standard for Metal-Enclosed Low-Voltage (3200V and below) Direct Current Power Circuit Breaker Switchgear for
Traction Power Applications
Recommendation: Approve PAR withdrawal

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.5
Standard for Wireless Access in Vehicular Environments (WAVE) - Communication Manager
Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.3bj
IEEE Standard for Ethernet
Amendment: Physical Layer Specifications and Management Parameters for 100 Gb/s Operation Over Backplanes and Copper Cables
Recommendation: Approve modified PAR

IEEE Communications Society/Standards Development Board

P1903.1
Standard for Content Delivery Protocols of Next Generation Service Overlay Network (NGSON)
Recommendation: Approve modified PAR

P1903.2
Standard for Service Composition Protocols of Next Generation Service Overlay Network (NGSON)
Recommendation: Approve modified PAR

P1903.3
Standard for Self-Organizing Management Protocols of Next Generation Service Overlay Network (NGSON)
Recommendation: Approve modified PAR

P1907.1
Standard for Network-Adaptive Quality of Experience (QoE) Management Scheme for Real-Time Mobile Video Communications
Recommendation: Approve modified PAR

IEEE Power and Energy Society/Electric Machinery

P117
Standard Test Procedure for Thermal Evaluation of Systems of Insulating Materials for Random-Wound AC Electric Machinery
Recommendation: Approve modified PAR

Extension Requests

IEEE Computer Society/Design Automation

P1735
Recommended Practice for Encryption and Management of Electronic Design Intellectual Property (IP)
Recommendation: Approve request for an extension until December 2013

IEEE Computer Society/Microprocessor Standards Committee

P1363.3
Standard for Identity-Based Cryptographic Techniques using Pairings
Recommendation: Approve request for an extension until December 2013

IEEE Computer Society/Software & Systems Engineering Standards Committee

P730
Standard for Software Quality Assurance Processes
Recommendation: Approve request for an extension until December 2013

P1062
Recommended Practice for Software Acquisition
Recommendation: Approve request for an extension until December 2014

IEEE Computer Society/Simulation Interoperability Stds Organization/Stds Activities Committee

P1278.2
Standard for Distributed Interactive Simulation (DIS) - Communication Services and Profiles
Recommendation: Approve request for an extension until December 2014

IEEE Computer Society/Test Technology

P1149.1
Standard Test Access Port and Boundary Scan Architecture
Recommendation: Approve request for an extension until December 2013

P1450.6.2
Standard for Memory Modeling in Core Test Language (CTL)
Recommendation: Approve request for an extension until December 2013

P1687
Standard for Access and Control of Instrumentation Embedded within a Semiconductor Device

Recommendation: Approve request for an extension until December 2013

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

P11073-10201
Standard for Health informatics - Point-of-care medical device communication - Domain information model
Recommendation: Approve request for an extension until December 2014

IEEE Engineering in Medicine and Biology Society/Standards Committee

P1708
Standard for Wearable Cuffless Blood Pressure Measuring Devices
Recommendation: Approve request for an extension until December 2013

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P299.1
Standard Method for Measuring the Shielding Effectiveness of Enclosures and Boxes Having all Dimensions Between 0.1 m and 2 m
Recommendation: Approve request for an extension until December 2013

P1642
Recommended Practice for Protecting Public Accessible Computer Systems from Intentional EMI
Recommendation: Approve request for an extension until December 2013

P1688
Standard for Requirements for the Control of Electromagnetic Interference Characteristics of Replaceable Electronic Modules
Recommendation: Approve request for an extension until December 2013

IEEE Industry Applications Society/Petroleum & Chemical Industry

P45.1
Recommended Practice for Electrical Installations on Shipboard - Design
Recommendation: Approve request for an extension until December 2015

P45.3
Recommended Practice for Shipboard Electrical Installations - Systems Engineering
Recommendation: Approve request for an extension until December 2014

P45.4
Recommended Practice for Electrical Installations on Shipboard - Marine Sectors and Mission Systems
Recommendation: Approve request for an extension until December 2014

P45.5
Recommended Practice for Electrical Installations on Shipboard - Safety Considerations
Recommendation: Approve request for an extension until December 2014

P45.6
Recommended Practice for Electrical Installations on Shipboard - Electrical Testing
Recommendation: Approve request for an extension until December 2014

P1566
Standard for Performance of Adjustable Speed AC Drives Rated 375 kW and Larger

Recommendation: Approve request for an extension until December 2013

P1716
Recommended Practice for Managing Natural Disaster Impact on key electrical systems and installations in Petroleum and Chemical Facilities
Recommendation: Approve request for an extension until December 2013

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3001.2
Recommended Practice for Evaluating the Electrical Service Requirements of Industrial and Commercial Power Systems
Recommendation: Approve request for an extension until December 2014

P3001.9
Recommended Practice for the Lighting of Industrial and Commercial Facilities
Recommendation: Approve request for an extension until December 2014

P3002.7
Recommended Practice for Conducting Motor-Starting Studies in Industrial and Commercial Power Systems
Recommendation: Approve request for an extension until December 2014

P3002.8
Recommended Practice for Conducting Harmonic-Analysis Studies of Industrial and Commercial Power Systems
Recommendation: Approve request for an extension until December 2014

P3002.9
Recommended Practice for Conducting Switching-Transient Studies of Industrial and Commercial Power Systems
Recommendation: Approve request for an extension until December 2014

P3003.1
Recommended Practice for the System Grounding of Industrial and Commercial Power Systems
Recommendation: Approve request for an extension until December 2014

P3003.2
Recommended Practice for Equipment Grounding and Bonding in Industrial and Commercial Power Systems
Recommendation: Approve request for an extension until December 2014

P3004.10
Recommended Practice for Generator Protection in Industrial and Commercial Power Systems
Recommendation: Approve request for an extension until December 2014

P3004.11
Recommended Practice for Bus and Switchgear Protection in Industrial and Commercial Power Systems
Recommendation: Approve request for an extension until December 2014

P3005.3
Recommended Practice for the Application of Stored-Energy Systems for use in Emergency and Stand-By Power Systems
Recommendation: Approve request for an extension until December 2014

P3005.4

Recommended Practice for Improving the Reliability of Emergency and Stand-By Power Systems
Recommendation: Approve request for an extension until December 2014

P3005.7
Recommended Practice for the Application of Metering for Energy Management of Industrial and Commercial Power Systems
Recommendation: Approve request for an extension until December 2014

P3006.9
Recommended Practice for Collecting Data for Use in Reliability, Availability, and Maintainability Assessments of Industrial and Commercial Power Systems
Recommendation: Approve request for an extension until December 2013

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.2
Standard for a Smart Transducer Interface for Sensors and Actuators - Serial Point-to-Point Interface
Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Energy Development & Power Generation

P1249
Guide for Computer Based Controls for Hydroelectric Power Plant Automation
Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Electric Machinery

P117
Standard Test Procedure for Thermal Evaluation of Systems of Insulating Materials for Random-Wound AC Electric Machinery
Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Insulated Conductors

P575
Guide for Bonding Sheaths and Shields of Single-Conductor Power Cables Rated 5 - 500 kV
Recommendation: Approve request for an extension until December 2013

P848
Standard Procedure for the Determination of the Ampacity Derating Factor for Fire-Protected Cable Systems
Recommendation: Approve request for an extension until December 2013

P1659
Guide for Connectors Used In Underground Cable Joints and Terminations for Voltages of 5 - 35 kV
Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Nuclear Power Engineering

P933
Guide for the Definition of Reliability Program Plans for Nuclear Generating Stations and Other Nuclear Facilities
Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Power System Relaying

PC37.98
Standard for Seismic Qualification Testing of Protective Relays and Auxiliaries for Nuclear Facilities
Recommendation: Approve request for an extension until December 2013

PC37.236
Guide for Power System Protective Relay Applications over Digital Communication Channels
Recommendation: Approve request for an extension until December 2013

P1187
Recommended Practice for Installation Design and Installation of Valve-Regulated Lead-Acid Batteries for Stationary Applications
Recommendation: Approve request for an extension until December 2013

PC62.34
Standard for Test Methods and Performance of Low-Voltage (1000 V 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 Equipment)
Recommendation: Approve request for an extension until December 2014

PC62.37.1
Guide for the Application of Thyristor Surge Protective Device Components
Recommendation: Approve request for an extension until December 2013

P81
Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Grounding System
Recommendation: Approve request for an extension until December 2013

P837
Standard for Qualifying Permanent Connections Used in Substation Grounding
Recommendation: Approve request for an extension until December 2014

PC37.11
Standard Requirements for Electrical Control for AC High-Voltage (>1000V) Circuit Breakers
Recommendation: Approve request for an extension until December 2013

PC37.20.3
Standard for Metal-Enclosed Interrupter Switchgear (1 kV-38 kV)
Recommendation: Approve request for an extension until December 2013

PC37.74
Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
Recommendation: Approve request for an extension until December 2013

P519

Recommended Practices and Requirements for Harmonic Control in Electric Power Systems
Recommendation: Approve request for an extension until December 2013

P1048
Guide for Protective Grounding of Power Lines
Recommendation: Approve request for an extension until December 2013

P1726
Guide for the Functional Specification of Fixed Transmission Series Capacitor Banks for Transmission System Applications
Recommendation: Approve request for an extension until December 2013

IEEE Power and Energy Society/Transformers

P638
Standard for Qualification of Class 1E Transformers for Nuclear Power Generating Stations
Recommendation: Approve request for an extension until December 2013

PC57.152
Guide for Diagnostic Field Testing of Fluid Filled Power Transformers, Regulators, and Reactors
Recommendation: Approve request for an extension until December 2013

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

P1704
Standard for Utility Industry End Device Communications Module
Recommendation: Approve request for an extension until December 2014

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

P1528
Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
Recommendation: Approve request for an extension until December 2013

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.0
Guide for Wireless Access in Vehicular Environments (WAVE) - Architecture
Recommendation: Approve request for an extension until December 2013

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1478
Standard for Environmental Conditions for Transit Rail Car Electronic Equipment
Recommendation: Approve request for an extension until December 2013

P1629
Standard for Performance of dc Overhead Current Collectors for Transit Vehicles
Recommendation: Approve request for an extension until December 2013

P1653.1
Standard for Traction Power Rectifier Transformers for Substation Applications up to 1500 Volts dc Nominal Output
Recommendation: Approve request for an extension until December 2013

P1791
Recommended Practice for Terminology Used for Direct Current Electric Transit Overhead Contact Systems
Recommendation: Approve request for an extension until December 2013

New PARs

P802.1Qbz
IEEE Standard for Local and metropolitan area networks--Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Enhancements to Bridging of 802.11
Media Amendment
Recommendation: Approve new PAR until December 2016

P802.1Qca
IEEE Standard for Local and metropolitan area networks--Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Path Control and Reservation
Recommendation: Approve new PAR until December 2016

P802.3bp
IEEE Standard for Ethernet Amendment Physical Layer Specifications and Management Parameters for 1 Gb/s Operation over Fewer than Three Twisted Pair Copper Cable
Recommendation: Approve new PAR until December 2016

P802.11ak
IEEE Standard for Information technology--Telecommunications and information exchange between systems Local and metropolitan area networks--Specific requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications Amendment: Enhancements For Transit Links Within Bridged Networks
Recommendation: Approve new PAR until December 2016

P802.11aq
IEEE Standard for Information technology--Telecommunications and information exchange between systems Local and metropolitan area networks--Specific requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications Amendment: Pre-Association Discovery
Recommendation: Approve new PAR until December 2016

P802.15.4q
IEEE Standard for Local and metropolitan area networks--Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) Amendment for an Ultra Low Power Physical Layer
Recommendation: Approve new PAR until December 2016

P802.16r
IEEE Standard for Air Interface for Broadband Wireless Access Systems - Amendment for Small Cell Backhaul (SCB)
Recommendation: Approve new PAR until December 2016

P29119-5
Software and Systems Engineering -- Software Testing -- Part 5: Keyword-Driven Testing
Recommendation: Approve new PAR until December 2016

P11073-10301-1
Health informatics - Point-of-care medical device communication - Part 10301-1: Device Specialization -
Infusion pump, General
Recommendation: Approve new PAR until December 2016

P11073-10302-1
Health informatics - Point-of-care medical device communication - Part 10302-1: Device Specialization -
Physiologic monitor, General
Recommendation: Approve new PAR until December 2016

P11073-10303-1
Health informatics - Point-of-care medical device communication - Part 10303-1: Device Specialization -
Ventilator, General
Recommendation: Approve new PAR until December 2016

P11073-20201
Health informatics -- Point-of-care medical device communication -- Part 20201: Application profile -- Polling
mode
Recommendation: Approve new PAR until December 2016

P11073-20202
Health informatics -- Point-of-care medical device communication -- Part 20202: Application profile -- Baseline
asynchronous mode
Recommendation: Approve new PAR until December 2016

P11073-20301
Health informatics -- Point-of-care medical device communication -- Part 20301: Application profile -- Optional
package, remote control
Recommendation: Approve new PAR until December 2016

P11073-20401
Health informatics -- Point-of-care medical device communication -- Part 20401: Application profile -- Common
networking services
Recommendation: Approve new PAR until December 2016

IEEE Power and Energy Society/Power System Relaying

PC37.237
Standard Requirements for Time Tags Created by Intelligent Electronic Devices - COMTAG(TM)
Recommendation: Approve new PAR until December 2016

IEEE Power and Energy Society/Substations

P2030.101
Guide for Designing a Time Synchronization System for Power Substations
Recommendation: Approve new PAR until December 2016

IEEE Power and Energy Society/Transmission and Distribution

P1882
Guide for Establishing, Benchmarking, and Maintaining a Live Energized Working Program
*Recommendation: Conditionally approve new PAR until December 2016 contingent on "for live
energized transmission lines" being added to the title and purpose*

PC57.12.60-2009/Cor 1
IEEE Standard Test Procedure for Thermal Evaluation of Insulation Systems for Dry-Type Power and Distribution Transformers, Including Open-Wound, Solid-Cast, and Resin-Encapsulated Transformers - Corrigendum 1
Recommendation: Approve new PAR until December 2016

PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

P802.22.1
Standard for Information Technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements Part 22.1: Standard to Enable Spectrum Sharing using Advanced Beaconing
Recommendation: Approve PAR for the revision of a standard until December 2016

IEEE Power and Energy Society/Nuclear Power Engineering

P692
Standard Criteria for Security Systems for Nuclear Power Generating Stations
Recommendation: Approve PAR for the revision of a standard until December 2016

IEEE Power and Energy Society/Switchgear

PC37.20.1
Standard for Metal-Enclosed Low Voltage (1000Vac and below, 3200Vdc and below) Power Circuit Breaker Switchgear
Recommendation: Approve PAR for the revision of a standard until December 2016

PC37.23
Standard for Metal-Enclosed Bus
Recommendation: Approve PAR for the revision of a standard until December 2016

PC37.41
Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
Recommendation: Approve PAR for the revision of a standard until December 2016

PC37.60
High-voltage switchgear and controlgear - Part 111: Automatic circuit reclosers and fault interrupters for alternating current systems up to 38 kV
Recommendation: Approve PAR for the revision of a standard until December 2016

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.12
Standard for Wireless Access in Vehicular Environments (WAVE) - Identifier Allocations
Recommendation: Approve PAR for the revision of a standard until December 2016

PARS FOR ADMINISTRATIVE WITHDRAWAL – DECEMBER 2012

P1631 (BTS/RFTech)

Recommended Practice for Measurement of 8-VSB Digital Television Transmission Mask Compliance for the USA (Revision PAR)

P1484.12.4 (C/LT)

Standard for Resource Description Framework (RDF) binding for Learning Object Metadata data model (New PAR)

P1484.12.5 (C/LT)

Standard for Resource Description Framework (RDF) Vocabulary for IEEE Learning Object Metadata (LOM) Data Elements (New PAR)

P1363 (C/MSC)

Standard Specifications for Public Key Cryptography (Revision PAR)

P1596 (C/MSC)

Standard for Scalable Coherent Interface (SCI) (Revision PAR)

P1450.2 (C/TT)

Standard for Extensions to Standard Test Interface Language (STIL) for DC Level Specification (Revision PAR)

P499 (IAS/CI)

Recommended Practices for Cement Plant Electric Drives and Related Electrical Equipment (Revision PAR)

P576 (IAS/PCI)

Recommended Practice for Installation, Termination, and Testing of Insulated Power Cable as Used in Industrial and Commercial Applications (Revision PAR)

P1714 (IAS/PCI)

Recommended Practice for Industrial Uninterruptible Power Supply (UPS) Systems (New PAR)

P387 (PE/NPE)

Standard Criteria for Diesel-Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations (Revision PAR)

P1715 (PE/PSIM)

Guide for Power Measurements Under Low Power Factor Conditions (New PAR)

P1375 (PE/SB)

Guide for the Protection of Stationary Battery Systems (Revision PAR)

PC62.23 (PESPDHV)

Application Guide for Surge Protection of Electric Generating Plants (Revision PAR)

PC62.42 (PE/SPDLV)

Guide for the Application of Component Surge-Protective Devices for Use in Low-Voltage [Equal to Or Less Than 1000 V (ac) Or 1200 V (dc)] Circuits (Revision PAR)

P1413.1 (RS/SC)

Guide for Developing and Assessing Reliability Predictions Based on IEEE Standard 1413 (Revision PAR)

P1193 (UFFC/UFFC)

Guide for Measurement of Environmental Sensitivities of Standard Frequency Generators (Revision PAR)

P1477 (VT/RTSC)

Standard for Passenger Information System for Rail Transit Vehicles (Revision PAR)

As part of the consent agenda NesCom acknowledged the addition of COM/SDB as a joint sponsor, with the BOG/CAG of P1858