IEEE Standards Association

NesCom Recommendations

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations
[SASB approval date: 23-Aug-2013]

[All votes unanimous unless noted otherwise.]

Withdrawal Requests

IEEE Nuclear and Plasma Sciences Society/Nuclear Instruments and Detectors

PN42.31
Standard for Measurement Procedures for Resolution and Efficiency of Wide-Bandgap Semiconductor Detectors of Ionizing Radiation

Recommendation: Approve PAR withdrawal

IEEE-SASB Coordinating Committees/SCC14 - Quantities, Units, and Letter Symbols

P80000
Standard for Quantities and Units

Recommendation: Approve PAR withdrawal

Modified PARs

IEEE Consumer Electronics Society/Standards Committee

P1874
Standard for Documentation Schema for Repair and Assembly of Electronic Devices

Recommendation: Approve modified PAR

IEEE Industry Applications Society/Petroleum & Chemical Industry

P844.1
Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures - General, Testing, Marking, and Documentation Requirements

Recommendation: Approve modified PAR

P844.2

Recommendation: Approve modified PAR

P844.3
Standard for Impedance Heating of Pipelines, Vessels, Equipment, and Structures - General, Testing, Marking, and Documentation Requirements

Recommendation: Approve modified PAR

P60079-30-1
Explosive Atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements
Recommendation: Approve modified PAR

P60079-30-2
Explosive Atmospheres - Part 30-2: Electrical resistance trace heating - Application guide for design, installation and maintenance
Recommendation: Approve modified PAR

IEEE Nanotechnology Council/Standards Committee

P62659
Standard for Large Scale Manufacturing of Nanoelectronics
Recommendation: Conditionally Approve modified PAR based upon 5.2, paragraph 2, sentence 2, being updated to 'This standard defines generic steps that are employed to facilitate the introduction of nanomaterials into the fabs.'

IEEE Power and Energy Society/Insulated Conductors

P386
Standard for Separable Insulated Connector Systems for Power Distribution Systems rated 2.5 kV through 35 kV
Recommendation: Approve modified PAR

IEEE Power and Energy Society/Power System Relaying

PC37.119
Guide for Breaker Failure Protection of Power Circuit Breakers
Recommendation: Approve modified PAR

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

P62704-1
Standard for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz. Part 1: General Requirements for using the Finite Difference Time Domain (FDTD) Method for SAR Calculations
Recommendation: Approve modified PAR

P62704-2
Standard for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz. Part 2: Specific Requirements for Finite Difference Time Domain (FDTD) Modelling of Exposure from Vehicle Mounted Antennas
Recommendation: Approve modified PAR

PC95.1-2345
Standard for Military Workplaces--Force Health Protection Regarding Personnel Exposure to Electric, Magnetic and Electromagnetic Fields, 0 Hz to 300 GHz
Recommendation: Approve modified PAR

Extension Requests

IEEE Computer Society/Information Assurance
**P1619**
Standard for Cryptographic Protection of Data on Block-Oriented Storage Devices

*Recommendation: Approve request for an extension until December 2015*

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**IEEE Computer Society/LAN/MAN Standards Committee**

**P802.11af**
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: TV White Spaces Operation

*Recommendation: Approve request for an extension until December 2014*

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**IEEE Industry Applications Society/Petroleum & Chemical Industry**

**P45.8**
Recommended Practice for Electrical Installations on Shipboard- Cable Systems

*Recommendation: Approve request for an extension until December 2015*

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**P1673**
Standard for Requirements for Conduit & Cable Seals for Field Connected Wiring to Equipment in Petroleum and Chemical Industry Exposed to Pressures Above Atmospheric (1.5 kilopascals, 0.22 psi)

*Recommendation: Approve request for an extension until December 2015*

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**IEEE Industry Applications Society/Technical Books Coordinating Committee**

**P3002.2**
Recommended Practice for Conducting Load-Flow Studies of Industrial and Commercial Power Systems

*Recommendation: Approve request for an extension until December 2014*

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**P3002.3**
Recommended Practice for Conducting Short-Circuit Studies of Industrial and Commercial Power Systems

*Recommendation: Approve request for an extension until December 2014*

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**IEEE Power and Energy Society/Switchgear**

**P62271-37-013**
High-Voltage Switchgear and Controlgear - Part 37-013: Alternating-current generator circuit-breakers

*Recommendation: Approve request for an extension until December 2014*

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**New PARs**

**IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel**

**P293-1969/Cor 1**
Test Procedure for Single-Degree-of-Freedom Spring-Restrained Rate Gyros - Corrigendum 1: Table 1 Heading

*Recommendation: Approve new PAR until December 2017*

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**P529-1980/Cor 1**
Recommendation: Defer recommendation of the new PAR until the 11 October 2013 Continuous Processing telecon to allow time to dialogue with the Sponsor regarding the inclusion of more specific information on the PAR.

IEEE-SA Board of Governors/Corporate Advisory Group

P2100.1
Recommendation: Approve new PAR until December 2017

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.10
Recommended Practice for Routing Packets in 802.15.4 Dynamically Changing Wireless Networks
Recommendation: Approve new PAR until December 2017

IEEE Computer Society/Software & Systems Engineering Standards Committee

P26531
Systems and software engineering -- Content management for product life-cycle, user, and service management documentation
Recommendation: Approve new PAR until December 2017

IEEE Computer Society/Standards Activities Board

P1622.3
Standard for Event Logging Data Interchange Format
Recommendation: Approve new PAR until December 2017

P1857a
Standard for Advanced Audio and Video Coding
Amendment 1: Extension on timing and location information to support object tracking across multiple cameras at Surveillance High Group
Recommendation: Conditionally Approve new PAR until December 2017 contingent upon the Scope reverting to its original text.

IEEE Industry Applications Society/Petroleum & Chemical Industry

P844.4
Recommendation: Approve new PAR until December 2017

P844.5
Recommended Practice for the Design, Installation, Testing, Commissioning and Maintenance of Induction Heating Systems for Pipelines, Vessels, Equipment, Structures and Induction Susceptor Heating Furnaces
Recommendation: Approve new PAR until December 2017

IEEE Power and Energy Society/Power System Relaying
PC37.247
Standard for Phasor Data Concentrators for Power Systems
*Recommendation: Approve new PAR until December 2017*

PC37.248
Guide for Common Format for Naming Intelligent Electronic Devices (COMDEV)
*Recommendation: Approve new PAR until December 2017*

*IEEE Power and Energy Society/Transformers*

PC57.121a
Guide for Acceptance and Maintenance of Less Flammable Hydrocarbon Insulating Liquid in Transformers: Amendment a
*Recommendation: Approve new PAR until December 2017*

PC57.161
Guide for Dielectric Frequency Response Test
*Recommendation: Approve new PAR until December 2017*

PC57.162
Guide for the Interpretation of Moisture Related Parameters in Dry, Gas Insulated and Liquid Immersed Transformers and Reactors
*Recommendation: Approve new PAR until December 2017*

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

P1547.1a
Standard Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems Amendment 1
*Recommendation: Approve new PAR until December 2017*

*IEEE Vehicular Technology Society/Rail Transportation Standards Committee*

P1883
Recommended Practice for Electrical and Electro-Mechanical Bench Test Equipment (BTE) for Transit Rail Projects
*Recommendation: Approve new PAR until December 2017*

PARs for the Revision of Standards

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

P1888
Standard for Ubiquitous Green Community Control Network Protocol
*Recommendation: Approve PAR for the revision of a standard until December 2017*

*IEEE Power and Energy Society/Stationary Batteries Committee*

P484
Recommended Practice for Installation Design and Installation of Vented Lead-Acid Batteries for Stationary Applications
*Recommendation: Approve PAR for the revision of a standard until December 2017*
IEEE Power and Energy Society/Transmission and Distribution

P1307
Standard for Fall Protection for Utility Work
Recommendation: Conditionally Approve PAR for the revision of a standard until December 2017 contingent upon the deletion of 'US' in item 5.6.

IEEE-SASB Coordinating Committees/SCC14 - Quantities, Units, and Letter Symbols

P945
Recommended Practice for Preferred Metric Units for Use in Electrical and Electronics Science and Technology
Recommendation: Defer recommendation of the PAR for the revision of a standard until the 11 October 2013 Continuous Processing telecon so that the WG Chair information can be entered on the PAR.

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

P1636.2
Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA): Exchanging Maintenance Action Information via the Extensible Markup Language (XML)
Recommendation: Approve PAR for the revision of a standard until December 2017