

IEEE-SA Standards Board New Standards Committee (NesCom) Recommendations

28 October 2011 [SASB approved: 09 November 2011]

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

Modified PARs

IEEE Computer Society/Software & Systems Engineering Standards Committee

P24748-2

Guide: Adoption of ISO/IEC TR 24748-2011, Systems and software engineering-Life cycle management-Part 2: Guide to the application of ISO/IEC 15288 (System life cycle processes)

Recommendation: Approve modified PAR

P24748-3

Guide: Adoption of ISO/IEC 24748-3:2011, Systems and software engineering-Life cycle management-Part 3: Guide to the application of ISO/IEC 12207 (Software life cycle processes)

Recommendation: Approve modified PAR

P42010

Standard for Systems and software engineering --- Architecture description

Recommendation: Approve modified PAR

IEEE Communications Society/Standards Committee

P1900.5

Standard Policy Language Requirements and System Architectures for Dynamic Spectrum Access Systems

Recommendation: Approve modified PAR

IEEE Industry Applications Society/Petroleum & Chemical Industry

P45.3

Recommended Practice for Shipboard Electrical Installations - Systems Engineering

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Energy Development & Power Generation

P1595

Standard for Designating and Quantifying Green Energy Projects in the Electricity

NesCom Recommendations

Sector

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Power System Communications

PC93.4

Standard for Power-Line Carrier Line-Tuning Equipment (30-500 kHz) Associated With Power Transmission Lines

Recommendation: Approve modified PAR

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

PC62.23

Guide for Surge Protection of Electric Generating Plants

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Switchgear

PC37.20.3

Standard for Metal-Enclosed Interrupter Switchgear (1 kV-38 kV)

Recommendation: Approve modified PAR

PC37.20.4

Standard for Indoor AC Switches (1 kV-38 kV) for Use in Metal-Enclosed Switchgear

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Transformers

PC57.154

Standard for the Design, Testing and Application of Liquid-Immersed Distribution, Power and Regulating Transformers Using High-Temperature Insulation Systems and Operating at Elevated Temperatures

Recommendation: Approve modified PAR

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.3-2010/Cor 1

IEEE Standard for Wireless Access in Vehicular Environments (WAVE) - Networking Services - Corrigendum 1: Miscellaneous corrections

Recommendation: Approve modified PAR

P1609.12

Standard for Wireless Access in Vehicular Environments (WAVE) - Identifier Allocations

Recommendation: Approve modified PAR

Extension Requests

IEEE Computer Society/Design Automation

P1699

Standard for the Rosetta Systems Level Design Language Definition

Recommendation: Approve extension of PAR until December 2013

IEEE Computer Society/Learning Technology

P1484.13.1

Standard for Learning Technology - Conceptual Model for Resource Aggregation for Learning, Education, and Training

Recommendation: Approve extension of PAR until December 2012

IEEE Computer Society/Software & Systems Engineering Standards Committee

730

Standard for Software Quality Assurance

Recommendation: Approve extension of PAR until December 2012

IEEE Power and Energy Society/Insulated Conductors

P400

Guide for Field Testing and Evaluation of the Insulation of Shielded Power Cable Systems Rated 5kV and Above

Recommendation: Approve extension of PAR until December 2012

IEEE Power and Energy Society/Power System Relaying

PC37.96

Guide for AC Motor Protection

Recommendation: Approve extension of PAR until December 2012

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

PC62.23

Application Guide for Surge Protection of Electric Generating Plants

Recommendation: Approve extension of PAR until December 2012

PC62.92.3

Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part III-Generator Auxiliary Systems

Recommendation: Defer consideration of extension request until the December NesCom meeting.

NesCom is expecting to see that ballot has begun by the December meeting before approving the extension.

PC62.92.4

Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part IV - Distribution

Recommendation: Approve extension of PAR until December 2013

NesCom Recommendations

IEEE Power and Energy Society/Substations

P81

Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Grounding System

Recommendation: Approve extension of PAR until December 2012

IEEE Power and Energy Society/Switchgear

PC37.20.3

Standard for Metal-Enclosed Interrupter Switchgear

Recommendation: Approve extension of PAR until December 2012

PC37.20.4

Standard for Indoor AC Switches (>1 kV - 38 kV) for Use in Metal-Enclosed Switchgear

Recommendation: Approve extension of PAR until December 2012

IEEE Power and Energy Society/Transformers

PC57.131

Standard Requirements for Tap Changers

Recommendation: Defer consideration of extension request until the December NesCom meeting.

NesCom would like to verify that the draft has been submitted to RevCom at the December meeting before approving the extension.

New PARs

IEEE Computer Society/Software & Systems Engineering Standards Committee

P15026-4

Standard for Systems and software engineering -- Systems and software assurance -- Part 4: Assurance in the life cycle

Recommendation: Approve new PAR until December 2015

IEEE Communications Society/Standards Committee

P1900.5.1

Standard Policy Language for Dynamic Spectrum Access Systems

Recommendation: Approve new PAR until December 2015

IEEE Industry Applications Society/Petroleum & Chemical Industry

P80005-2

Cold Ironing Part 2: High Voltage Shore Connection (HVSC) Systems - Communication Interface Description

Recommendation: Approve new PAR until December 2015

IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee

P1549-2011/Cor 1

IEEE Standard for Microwave Filter Definitions - Corrigendum 1

Recommendation: Conditionally approve new PAR until December 2015 contingent upon Working Group Chair information being completed on PAR form.

IEEE Power and Energy Society/Energy Development & Power Generation

P1843

Recommended Practice for Generating Renewable Energy Using Plasma Gasification

Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Insulated Conductors

P1844

Standard Test Procedure for Determining Circuit Integrity Performance of Fire Resistive Cables in Nuclear Facilities.

Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Power System Communications

P789

Standard Performance Requirements for Communications and Control Cables for Application in High Voltage Environments

Recommendation: Approve new PAR until December 2015

PC93.3

Standard for the Requirements for Power-Line Carrier Line Traps (30-500 kHz)

Recommendation: Approve new PAR until December 2015

IEEE Robotics and Automation Society/Standing Committee for Standards

P1872

Standard for Ontologies for Robotics and Automation

Recommendation: Approve new PAR until December 2015

P1873

Standard for Robot Map Data Representation for Navigation

Recommendation: Approve new PAR until December 2015

PARs for the Revision of Standards

IEEE Power and Energy Society/Energy Development & Power Generation

P421.5

Recommended Practice for Excitation System Models for Power System Stability

NesCom Recommendations

Studies

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Nuclear Power Engineering

P690

Standard for the Design and Installation of Cable Systems for Class IE Circuits in Nuclear Power Generating Stations.

Recommendation: Defer PAR for the revision of a standard until the December NesCom meeting due to lack of response to comments.

IEEE Power and Energy Society/Switchgear

PC37.04

Standard for Ratings and Requirements for AC High Voltage Circuit Breakers with Rated Maximum Voltage above 1000 V

Recommendation: Approve PAR for the revision of a standard until December 2015

PC37.20.7

Guide for Testing Switchgear Rated 38 kV or Below for Internal Arcing Faults

Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Transformers

PC57.12.24

Standard for Submersible, Three-Phase Transformers, 3750 kVA and Smaller: High Voltage, 34 500 GrdY/19 920 Volts and Below; Low Voltage, 600 Volts and Below

Recommendation: Approve PAR for the revision of a standard until December 2015

PC57.94

Recommended Practice for Installation, Application, Operation, and Maintenance of Dry-Type General Purpose

Distribution and Power Transformers

Recommendation: Approve PAR for the revision of a standard until December 2015

PC57.106

Guide for Acceptance and Maintenance of Insulating Oil in Equipment

Recommendation: Approve PAR for the revision of a standard until December 2015

ADMINISTRATIVE WITHDRAWAL

IEEE Vehicular Technology Society/Intelligent Transportation Systems

NesCom Recommendations

P1512.4

Standard for Common Traffic Incident Management Message Sets for Use in Entities External to Centers

Recommendation: Approve administrative PAR withdrawal