

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

[SASB approval date: 14-Jun-2018]

[All votes unanimous unless noted otherwise.]

### Withdrawal Requests

*IEEE Power and Energy Society/Transformers*

#### **PC57.12.70-2011/Cor 1**

Standard Terminal Markings and Connections for Distribution and Power Transformers - Corrigendum 1: Correction of Annex A

**Recommendation: Approve PAR withdrawal**

### Modified PARs

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

#### **P1528.5**

Measurement procedure for the assessment of power density of human exposure to radio frequency fields from wireless devices operating in close proximity to the head and body - Frequency range of 6 GHz to 300 GHz

**Recommendation: Approve modified PAR**

#### **P1528.6**

Standard for Determining the power Density of the Electromagnetic Field Associated with Human Exposure to Wireless Devices Operating in Close Proximity to the Head and Body Using Computational Techniques, 6 GHz to 300 GHz

**Recommendation: Approve modified PAR**

### Extension Requests

*IEEE Instrumentation and Measurement Society/TC4 - High Frequency Measurement*

#### **P287.1**

Standard for Precision Coaxial Connectors at RF, Microwave and Millimeter-wave Frequencies

**Recommendation: Approve request for an extension until December 2019**

*IEEE Power and Energy Society/Insulated Conductors*

#### **P1407**

Guide for Accelerated Aging Tests for 5 kV to 46 kV Extruded Electric Power Cables Using Water-Filled Tanks

**Recommendation: Defer request for an extension until PAR expiration year 2019. Staff will provide next steps.**

*IEEE Power and Energy Society/Substations*

#### **P605**

Guide for Bus Design in Air Insulated Substations

***Recommendation: Approve request for an extension until December 2022***

*IEEE Power and Energy Society/Transformers*

**PC57.93**

Guide for Installation and Maintenance of Liquid-Immersed Power Transformers

***Recommendation: Approve request for an extension until December 2020***

**New PARs**

*IEEE Aerospace and Electronic Systems Society/Radar Systems Panel*

**P521a**

Standard Letter Designations for Radar-Frequency Bands Amendment

***Recommendation: Defer new PAR until next NesCom meeting***

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

**P2413.1**

Standard for a Reference Architecture for Smart City (RASC)

***Recommendation: Approve new PAR until December 2022***

*IEEE Computer Society/Cybersecurity and Privacy Standards Committee*

**P2790**

Standard for Biometric Liveness Detection

***Recommendation: Approve new PAR until December 2022***

*IEEE Computer Society/Learning Technology*

**P2247.1**

Standard for the Classification of Adaptive Instructional Systems

***Recommendation: Approve new PAR until December 2022***

*IEEE Consumer Electronics Society/Standards Committee*

**P2785**

Standard for Architectural Framework and General Requirements for Smart Home Systems

***Recommendation: Approve new PAR until December 2022***

**P2786**

Standard for General Requirements and Interoperability for Internet of Clothing

***Recommendation: Approve new PAR until December 2022***

*IEEE Engineering in Medicine and Biology Society/Standards Committee*

**P1708a**

Standard for Wearable Cuffless Blood Pressure Measuring Devices

***Recommendation: Approve new PAR until December 2022***

**P2791**

Standard for Bioinformatics Computations and Analyses Generated by High-Throughput Sequencing (HTS) to Facilitate Communication

**Recommendation: Approve new PAR until December 2022**

**P2792**

Therapeutic Electrical Stimulation Waveforms

**Recommendation: Approve new PAR until December 2022**

*IEEE Power and Energy Society/Energy Development & Power Generation*

**P2793**

Standard Terms and Definitions for Turbine Governing Systems

**Recommendation: Approve new PAR until December 2022**

*IEEE Power and Energy Society/Power System Instrumentation and Measurements*

**P2681**

Guide for Testing Medium Voltage Smart Grid Sensor and Intelligent Electronic Device Systems

**Recommendation: Approve new PAR until December 2022**

*IEEE Power and Energy Society/Substations*

**PC37.122.8**

Guide for the Application of Mobile Gas-Insulated Substations Rated Above 52kV

**Recommendation: Approve new PAR until December 2022**

*IEEE Power and Energy Society/Transformers*

**PC57.167**

Guide for Monitoring Distribution Transformers

**Recommendation: Approve new PAR until December 2022**

**PC57.168**

Guide for Low Frequency Dielectric Testing for Distribution, Power and Regulating Transformers.

**Recommendation: Approve new PAR until December 2022**

*IEEE Photonics Society/Standards Committee*

**P2065**

Parameter Requirements and Test Method for Industrial Fiber Laser

**Recommendation: Approve new PAR until December 2022**

**PARs for the Revision of Standards**

*IEEE Computer Society/LAN/MAN Standards Committee*

**P802.1X**

Standard for Local and metropolitan area networks--Port-Based Network Access Control

**Recommendation: Approve PAR for the revision of a standard until December 2022 (5 approve, 1 recuse [Law])**

*IEEE Computer Society/Learning Technology*

**P1484.20.1**

Standard for Learning Technology-Data Model for Reusable Competency Definitions

**Recommendation: Approve PAR for the revision of a standard until December 2022**

*IEEE Communications Society/Power Line Communications*

**P2030.5**

Standard for Smart Energy Profile Protocol

**Recommendation: Approve PAR for the revision of a standard until December 2022**

*IEEE Dielectrics and Electrical Insulation Society/Standards Committee*

**P1043**

Recommended Practice for Voltage-Endurance Testing of Form-Wound Bars and Coils

**Recommendation: Approve PAR for the revision of a standard until December 2022**

*IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology*

**P21451-7**

Smart transducer interface for sensors and actuators - Transducers to radio frequency identification (RFID) systems communication protocols and Transducer Electronic Data Sheets (TEDS) for Internet of Things

**Recommendation: Approve PAR for the revision of a standard until December 2022**

*IEEE Instrumentation and Measurement Society/TC10 - Waveform Generation Measurement and Analysis*

**P1658**

Standard for Terminology and Test Methods of Digital-to-Analog Converter Devices

**Recommendation: Approve PAR for the revision of a standard until December 2022**

*IEEE Power and Energy Society/Switchgear*

**PC37.20.3**

Standard for Metal-Enclosed Interrupter Switchgear Rated Above 1 kV ac up to and Including 38 kV ac

**Recommendation: Approve PAR for the revision of a standard until December 2022**

**PC37.121**

Guide for Switchgear - Unit Substation - Requirements

**Recommendation: Approve PAR for the revision of a standard until December 2022**

*IEEE Power and Energy Society/Transformers*

**PC57.12.70**

Standard for Standard Terminal Markings and Connections for Distribution and Power Transformers

**Recommendation: Approve PAR for the revision of a standard until December 2022**

**PC57.149**

Guide for the Application and Interpretation of Frequency Response Analysis for Oil-Immersed Transformers  
***Recommendation: Approve PAR for the revision of a standard until December 2022***

*IEEE Reliability Society/IEEE Reliability*

**P1624**

Standard for Organizational Reliability Capability

***Recommendation: Approve PAR for the revision of a standard until December 2022***

*IEEE Vehicular Technology Society/Rail Transportation Standards Committee*

**P16**

Standard for Electrical and Electronic Control Apparatus on Rail Vehicles

***Recommendation: Approve PAR for the revision of a standard until December 2022***