

**IEEE-SA Standards Board New Standards Committee (NesCom)
Meeting Minutes**

13 June 2018

10:00 a.m. - 1:00 p.m.

Hilton The Hague Hotel, The Hague, Netherlands

Members Present:

Ted Burse, Chair
Stephen Dukes
Travis Griffith
David Law
Hung Ling
Kevin Lu
Jingyi Zhou

Andrew Myles
Paul Nikolich
Annette Reilly
Robby Robson
Jon Rosdahl
Matteo Sabattini
Dorothy Stanley
Claire Topp
Mehmet Ulema
Victoria Wang
Phil Wennblom
Don Wright

Members Absent:

Richard Holub
Michael Janezic
Dong Liu
Damir Novosel

Staff:

Matt Ceglia
Chirag Desai
Karen Evangelista
Yvette Ho Sang
Jonathan Goldberg
Konstantinos Karachalios
Karen Kenney
Adam Newman
Dave Ringle
Rudi Schubert
Sam Sciacca
Lisa Weisser, Administrator

Guests:

Chuck Adams
Michael Atlass
Evelyn Chen
Michael Crusoe
Doug Edwards
Jean-Philippe Faure
Travis Griffith
Guido Hiertz
Gary Hoffman
Thomas Koshy
John Kulick
John Messenger
Patrick Murphy

[Unless otherwise noted, all votes are unanimous]**1 CALL TO ORDER**

Chair Burse called the meeting to order at 10:18 a.m. due to the ProCom meeting ending late. There was a round of introductions by all present. Lisa Weisser pointed out the note on the attendance sheet to inform everyone that by signing in they agree to have their name included on the attendee list in the meeting minutes.

2 REVIEW OF AGENDA

A motion was made to approve the 13 June 2018 NesCom meeting agenda. The motion was unanimously approved.

2.1 Consent Agenda

2.1.1 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

2.1.2 A Project Number Change Request was approved for 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'. The new number will be P1451.7.

2.1.3 Project Number Change Requests were approved for 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' and 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 and network equipment, 6 GHz to 300 GHz'. The new numbers will be P63195 and P62704-5 respectively.

2.1.4 A Project Number Change Request was approved for P1528 'Recommended Practice for Measurement Procedures for the Assessment of Specific Absorption Rate (SAR) of Human Exposure to Radio Frequency Fields From Hand-Held and Body-Worn Wireless Communication Devices (Frequency Range of 4 MHz to 10 GHz)'. The new number will be P62209-1528.

3 PARS FOR DISCUSSION

3.1 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

NB: The PAR number is now P63195

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

NB: The PAR number is now P62704-5

3.2 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

3.3 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

3.4 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

NB: The PAR number is now P1451.7

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

4 OLD BUSINESS

4.1 Ad Hoc Report - Alignment with Numbering Policy for Multi-Part Standards - Jingyi Zhou

Jingyi Zhou reported on the discussions from the ad hoc regarding the current numbering policy and the potential for enhancing the numbering policy to add

clarity for multi-part standards by including a .0 option for an overarching standard.

While there was not enough support for the .0 option, Chair Burse re-scoped the ad hoc to review the numbering policy, and to provide a revised report for the December 2018 NesCom meeting. The original ad hoc, chaired by Jingyi Zhou included the following members: Matt Ceglia, Jonathan Goldberg, Soo Kim, Kevin Lu, Dave Ringle, and Lisa Weisser. After a call for participation was made, additional members include: Chair Burse, Travis Griffith, and Jon Rosdahl.

4.2 Open Source Ad Hoc Report to NesCom - Steve Dukes

Steve Dukes reported on the status of the Open Source Ad Hoc and explained that after the OSS framework is developed, the standing committees will determine their responsibilities.

5 NEW BUSINESS

5.1 Proposal for Expedited PAR Review Process - Staff

Lisa Weisser presented a proposal developed by staff that would enable a rapid review of Project Authorization Requests (PARs) for projects. There were some concerns raised during the discussion that followed, and there was also agreement that it would be good to have a process in place to respond quickly in cases that put the organization at risk. The team that developed the proposal will revise it and bring it back to NesCom.

5.2 Proposal for Continuous Revision PAR Request Process – Staff

Lisa Weisser presented a proposal developed by staff to implement a new process that enables the automatic creation of a Revision PAR upon approval of a standards project. There was interest in this proposal as it might fill a need for Sponsors with standards that require frequent changes. Due to time constraints, the discussion ended before any conclusions were made, but the team that developed the proposal will review the feedback from the discussion and bring an updated version back to NesCom.

6 NEXT MEETING

The next meeting of NesCom will take place on or close to 6 September 2018 by teleconference.

AI: Lisa Weisser will send a Doodle poll to determine the meeting date and time.

7 ADJOURNMENT

There being no further business, the meeting was adjourned at 1:02 p.m.