

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

12 June 2019

9:00 a.m. - 12:00 p.m.

Hilton Panama, Panama City, Panama

Members Present:

Alan Berkema

Ted Burse

Stephen Dukes

John Kulick

Joseph Levy

Kevin Lu

Dorothy Stanley, Chair

Mehmet Ulema

Philip Winston

Jingyi Zhou

David Law

Daleep Mohla

Andrew Myles

Annette Reilly

Robby Robson

Jon Rosdahl

Claire Topp

Lei Wang

Don Wright

Yu Yuan

Members Absent:

Grace Gu

Sha Wei

Feng Wu

Staff:

Matt Ceglia

Karen Evangelista

Josh Gay

Mary Ellen Hanntz

Yvette Ho Sang

Konstantinos Karachalios

Michael Kipness

Adam Newman

Mary Lynne Nielsen

Dave Ringle

Rudi Schubert

Sam Sciacca

Lisa Weisser, Administrator

Guests:

Michael Atlass

Edward Au

Doug Edwards

Jean-Philippe Faure

Robert Fish

Latoria Gordon

Guido Hiertz

Gary Hoffman

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

Chair Stanley called the meeting to order at 9:00 a.m. There was a round of introductions by all present.

**2 REVIEW OF AGENDA**

The agenda was reviewed and Chair Stanley asked if there were any changes to be made. There were none.

**A motion was made to approve the 12 June 2019 NesCom meeting agenda. The motion was unanimously approved.**

## **2.1 Consent Agenda**

### **2.1.1 Withdrawal Requests**

IEEE Aerospace and Electronic Systems Society/Radar Systems Panel

#### **P521a**

Standard Letter Designations for Radar-Frequency Bands Amendment: Updating Letter Designations and Extensions of Frequency Range

**Recommendation: Approve PAR withdrawal**

IEEE Computer Society/Learning Technology

#### **P1484.21**

Task Model for Project-based Learning

**Recommendation: Approve PAR withdrawal**

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

#### **P11073-10420**

Health informatics - Personal health device communication Part 10420: Device specialization - Body composition analyzer

**Recommendation: Approve PAR withdrawal**

### **2.1.2 Project Number Change Request for P2682 'Guide for the Evaluation of Performance Characteristics of Non-Sulfur Hexafluoride Insulation and Arc Quenching Media for Switchgear Rated Above 1000 V'**

NB: The approval of this number change request was included in the approval of the agenda and consent agenda. The PAR number has been changed from P2682 to PC37.100.7.

### **2.1.3 Project Number Change Request for P802.22.3 'Standard for Spectrum Characterization and Occupancy Sensing'**

NB: The approval of this number change request was included in the approval of the agenda and consent agenda. The PAR number has been changed from P802.22.3 to P802.15.22.3.

## **3. APPROVAL OF MINUTES FROM THE 1 MAY 2019 MEETING**

**A motion was made to approve the minutes of the 1 May 2019 NesCom meeting. The motion was unanimously approved.**

#### **4 PARS FOR DISCUSSION**

##### **4.1 Modified PARs**

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

###### **P7130**

Standard for Quantum Technologies Definitions

**Recommendation: Approve modified PAR**

###### **IEEE Consumer Electronics Society/Blockchain Standards Committee**

###### **P2140.1**

Standard for General Requirements for Cryptocurrency Exchanges

**Recommendation: Approve modified PAR**

###### **P2140.2**

Standard for Security Management for Customer Cryptographic Assets on Cryptocurrency Exchanges

**Recommendation: Approve modified PAR**

###### **P2140.3**

Standard for User Identification and Anti-Money Laundering on Cryptocurrency Exchanges

**Recommendation: Approve modified PAR**

###### **IEEE Power and Energy Society/Insulated Conductors**

###### **P400**

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

**Recommendation: Approve modified PAR**

###### **P1186**

Recommended Practice for Applicability of Methods for the Evaluation of Low Voltage and Medium Voltage Installed Cable Systems in Nuclear Facilities

**Recommendation: Approve modified PAR**

##### **4.2 Extension Requests**

###### **IEEE Power and Energy Society/Power System Communications and Cybersecurity**

###### **P1815**

Standard for Electric Power Systems Communications-Distributed Network Protocol (DNP3)

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

IEEE Power and Energy Society/Power System Instrumentation and Measurements

**P1122**

Standard for Digital Recorders for Measurements in High-Voltage and High-Current Impulse Tests

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

**4.3 New PARs**

IEEE Antennas and Propagation Society/Antennas and Propagation Standards Committee

**P2816**

Recommended Practice for Computational Electromagnetics Applied to Modeling and Simulation of Antennas

**Recommendation: Approve new PAR until December 2023**

IEEE Consumer Electronics Society/Blockchain Standards Committee

**P2140.4**

Standard for Distributed/Decentralized Exchange Framework using DLT (Distributed Ledger Technology)

**Recommendation: Approve new PAR until December 2023**

**P2140.5**

Standard for Custodian Framework of Cryptocurrency

**Recommendation: Approve new PAR until December 2023 (8 approve, 1 abstain [Levy])**

**P2143.1**

Standard for General Process of Cryptocurrency Payment

**Recommendation: Approve new PAR until December 2023**

**P2143.2**

Standard for Cryptocurrency Payment Performance Metrics

**Recommendation: Approve new PAR until December 2023**

**P2143.3**

Standard for Risk Control Requirements for Cryptocurrency Payment

**Recommendation: Approve new PAR until December 2023**

**P2144.1**

Standard for Framework of Blockchain-based Internet of Things (IoT) Data Management

**Recommendation: Approve new PAR until December 2023**

**P2144.2**

Standard for Functional Requirements in Blockchain-based Internet of Things (IoT) Data Management

**Recommendation: Approve new PAR until December 2023**

**P2144.3**

Standard for Assessment of Blockchain-based Internet of Things (IoT) Data Management

**Recommendation: Approve new PAR until December 2023**

**P2418.9**

Standard for Cryptocurrency Based Security Tokens

**Recommendation: Approve new PAR until December 2023**

**P2418.10**

Standard for Blockchain-based Digital Asset Management

**Recommendation: Approve new PAR until December 2023**

IEEE Consumer Electronics Society/Standards Committee

**P2049.3**

Standard for Human Augmentation: Identity

**Recommendation: Approve new PAR until December 2023**

**P2049.4**

Standard for Human Augmentation: Methodologies and Processes for Ethical Considerations

**Recommendation: Approve new PAR until December 2023**

**P2089**

Standard for Age Appropriate Digital Services Framework - Based on the 5Rights Principles for Children

**Recommendation: Conditionally approve new PAR until December 2023; contingent upon staff updating the text to reflect the changes shown during the NesCom meeting.**

**NB: The condition has been met.**

IEEE Communications Society/Edge, Fog, Cloud Communications with IOT and Big Data Standards Committee

**P1940**

Standard Profiles for ISO 8583 Authentication Services

**Recommendation: Approve new PAR until December 2023**

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

**P11073-10427-2016/Cor 1**

Standard - Health informatics - Personal health device communication - Part 10427: Device specialization - Power Status Monitor of Personal Health Devices - Corrigendum 1

**Recommendation: Approve new PAR until December 2023**

IEEE Industry Applications Society/Technical Books Coordinating Committee

**P3002.9**

Recommended Practice for Conducting Transient Studies and Analysis of Industrial and Commercial Power Systems

**Recommendation: Approve new PAR until December 2023**

IEEE Power and Energy Society/Power System Instrumentation and Measurements

**P454**

Guide for the Detection, Measurement and Interpretation of Partial Discharges

**Recommendation: Approve new PAR until December 2023**

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

**PC62.44a**

Guide for the Application 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 Equipment)  
Amendment 1 - Annex D

**Recommendation: Approve new PAR until December 2023**

**PC62.51**

Guide for the Application of Plug-in Multiservice Surge-Protective Devices (MSPDs) for Equipment Connected to AC Mains and Information and Communication Technology (ICT) Metallic Cables

**Recommendation: Approve new PAR until December 2023**

IEEE Power and Energy Society/Switchgear

**PC37.30.6**

Guide for Electric Motor Operators Applied to High-Voltage Air Switches Rated Above 1000 V

**Recommendation: Approve new PAR until December 2023**

IEEE Power and Energy Society/Transmission and Distribution

**P2819**

Recommended Practice for Measuring Method of Electromagnetic Environment for the Corridor of High-voltage Overhead Power Transmission Lines in Parallel Mixed with Alternating Current and Direct Current

**Recommendation: Approve new PAR until December 2023**

**P2821**

Guide for Unmanned Aerial Vehicle-based Patrol Inspection System for Transmission Lines

**Recommendation: Approve new PAR until December 2023**

**PC135.100**

Standard for Line Hardware for Overhead Line Construction

**Recommendation: Approve new PAR until December 2023**

IEEE Robotics and Automation Society/Standing Committee for Standards

**P2817**

Guide for Verification of Autonomous Systems

**Recommendation: Approve new PAR until December 2023**

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

**P1636.1-2018/Cor 1**

Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA): Exchanging Test Results and Session Information via the eXtensible Markup Language (XML) - Corrigendum 1

**Recommendation: Approve new PAR until December 2023**

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

**P2030.10.1**

Standard for Electricity Access Requirements with Safety Extra Low Voltage (SELV) DC for Tier II and Tier III of Energy Sector Management Assistance Program (ESMAP) Multi-tier Framework for Household Electricity Supply

**Recommendation: Approve new PAR until December 2023**

**P2815**

Guide for the Technical Specification of Smart Distribution Transformer Terminal

**Recommendation: Approve new PAR until December 2023**

IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee

**P7014**

Standard for Ethical considerations in Emulated Empathy in Autonomous and Intelligent Systems

**Recommendation: Approve new PAR until December 2023**

**4.4 PARs for the Revision of Standards**

IEEE Aerospace and Electronic Systems Society/Radar Systems Panel

**P521**

Standard Letter Designations for Radar-Frequency Bands

**Recommendation: Approve PAR for the revision of a standard until December 2023**

IEEE Antennas and Propagation Society/Antennas and Propagation Standards Committee

**P1720**

Recommended practice for near field antenna measurements

**Recommendation: Approve PAR for the revision of a standard until December 2023**

IEEE Computer Society/Design Automation

**P1481**

Standard for Integrated Circuit (IC) Open Library Architecture (OLA)

**Recommendation: Approve PAR for the revision of a standard until December 2023**

IEEE Industry Applications Society/Petroleum & Chemical Industry

**P1826**

Standard for Power Electronics Open System Interfaces in Zonal Electrical Distribution Systems Rated Above 100 kW

**Recommendation: Approve PAR for the revision of a standard until December 2023**

IEEE Power and Energy Society/Electric Machinery

**P1434**

Guide for the Measurement of Partial Discharges in AC Electric Machinery

**Recommendation: Approve PAR for the revision of a standard until December 2023**

IEEE Power and Energy Society/Insulated Conductors

**P635**

Guide for Selection and Design of Aluminum Sheaths for Power Cables

**Recommendation: Approve PAR for the revision of a standard until December 2023**

IEEE Power and Energy Society/Nuclear Power Engineering

**P833**



Recommended Practice for the Protection of Electric Equipment in Nuclear Power Generating Stations from Water Hazards

**Recommendation: Approve PAR for the revision of a standard until December 2023**

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

**PC62.37**

Standard for Test Methods and Preferred Values for Thyristor Surge Protective Components

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**PC62.41.1**

Guide on the Surge Environment in Low-Voltage (1000 V and less) AC Power Circuits

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**PC62.41.2**

Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and less) AC Power Circuits

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**PC62.41.4**

Recommended Practice on Surge Testing for Equipment Connected to Low-Voltage (1000 V and less) AC Power Circuits

**Recommendation: Approve PAR for the revision of a standard until December 2023**

IEEE Power and Energy Society/Substations

**PC37.122.2**

Guide for the Application of Gas-Insulated Substations Rated 1 kV to 52 kV

**Recommendation: Approve PAR for the revision of a standard until December 2023**

IEEE Power and Energy Society/Transformers

**PC57.12.35**

Standard for Information Coding for Distribution Transformers and Step-Voltage Regulators

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**PC57.152**

Guide for Diagnostic Field Testing of Liquid-Filled Power Transformers, Regulators, and Reactors

**Recommendation: Approve PAR for the revision of a standard until December 2023**

**5. OLD BUSINESS**

**5.1 Open Source Update**

This update was provided in Executive Session.

**5.2 myProject Update**

Annette Reilly, Chair of the SASB myProject ad hoc provided an update on the progress of the ad hoc for myProject User Acceptance Testing. She reviewed the anticipated time frames for volunteer testing and an upcoming blackout period for balloting. She noted that the timeframes are not definite because there will be staff retesting in June, with the potential for development updates needed to the system. She also noted that there are NesCom members participating in the ad hoc for testing.

**6. NEW BUSINESS**

There was no new business.

**7. NEXT MEETING**

The next meeting of NesCom will take place on 4 September 2019 by teleconference.

**8. ADJOURNMENT**

There being no further business, the meeting was adjourned at 11:32 a.m.