IEEE SA Standards Board New Standards Committee (NesCom)
Meeting Minutes
04 May 2021
9:00 a.m. - 11:00 a.m. ET (UTC-4)
Teleconference

Members Present:
Doug Edwards
Ramy A. Fathy, Vice Chair
Guido Hiertz
Wei Hong
Daleep Mohla
Chenhui Niu
Annette Reilly
Dorothy Stanley, Chair
Mehmet Ulema
Lei Wang
Karl Weber
Sha Wei, Vice Chair
Don Wright
Daidi Zhong

Guests:
Carole Carey
Simona Carini
Allen Chen
Latonia Gordon
Gary Hoffman
Taras Holoyad
Dejun Huang
Victor Huang
Liu Jianmin [part time]
Da Li
Kevin Lu
Paul Nikolich
Glenn Parsons
Robby Robson
Mark Siira
Ida Sim [part time]
Bo Tang [part time]
Claire Topp [legal counsel]
Kim Fung Tsang
Dong Wang
Phil Winston
Yu Yuan

Liangliang Zhi
Juan Carlos Zuniga

<u>IEEE Staff:</u>
Matt Ceglia
Sri Chandrasekaran
Karen Evangelista
Jonathan Goldberg
Lloyd Green
Jodi Haasz
Yvette Ho Sang
Konstantinos Karachalios
Soo Kim
Michael Kipness
Vanessa Lalitte
Jiajia Liu
Kelly Lorne
Erin Morales
Ashley Moran
Christian Orlando
Maria Palombini
Dan Perez
Dave Ringle
Pat Roder
Jennifer Santulli
Rudi Schubert
Alpesh Shah
Tom Thompson
Lisa Weisser, Administrator
Malia Zaman
Meng Zhao

[Unless otherwise noted, all votes are unanimous]

1 CALL TO ORDER AND INTRODUCTIONS

Chair Stanley welcomed everyone and called the meeting to order at 9:02 a.m. ET (UTC-4). There was a round of introductions by all in attendance.

2 REVIEW AND APPROVAL OF THE AGENDA

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

A motion was made (Mohla) and seconded (Wei) to approve the 04 May 2021 NesCom meeting agenda, including the consent agenda. In the absence of objection, the motion was approved.

2.1 Consent Agenda

2.1.1 Withdrawal Requests

IEEE Power and Energy Society/Nuclear Power Engineering

P379
Standard for Application of the Single-Failure Criterion to Nuclear Power Generating Station Safety Systems
Recommendation: Approve PAR withdrawal

3 APPROVAL OF MINUTES FROM THE 26 JANUARY AND 24 MARCH 2021 NESCOM MEETINGS

The minutes from each meeting were reviewed separately.

A motion was made (Mohla) and seconded (Wei) to approve the minutes of the 26 January 2021 NesCom meeting. In the absence of objection, the motion was approved.

A motion was made (Mohla) and seconded (Wright) to approve the minutes of the 24 March 2021 NesCom meeting. In the absence of objection, the motion was approved.

4 PARS FOR DISCUSSION

4.1 Modified PARs

IEEE Computer Society/Standards Activities Board

P2963
Standard for Data Formats for Smart Legal Contracts
Recommendation: Approve modified PAR

IEEE Engineering in Medicine and Biology Society/Standards Committee

P2621.1
Standard for Wireless Diabetes Device Security Assurance Evaluation – Connected Electronic Product Security Evaluation Programs
Recommendation: Approve modified PAR

P2621.2
Standard for Wireless Diabetes Device Security – Information Security Requirements for Connected Diabetes Solutions
Recommendation: Approve modified PAR

P2621.3
Standard for Wireless Diabetes Device Security – Use of Mobile Devices in Diabetes Control Contexts
Recommendation: Approve modified PAR

P2520.3.1
Standard for Machine Olfaction Devices and Systems Used for General Indoor Odor Monitoring
Recommendation: Approve modified PAR

4.2 Extension Requests

IEEE Power and Energy Society/Energy Development & Power Generation

P125
Recommended Practice for Preparation of Equipment Specifications for Speed-Governing of Hydraulic Turbines Intended to Drive Electric Generators
Recommendation: Approve request for an extension until December 2023

IEEE Power and Energy Society/Transformers

PC57.143
Guide for Application of Monitoring Equipment to Liquid-Immersed Transformers and Components
Recommendation: Approve request for an extension until December 2023

4.3 New PARs

IEEE Communications Society/Mobile Communication Networks Standards Committee

P2994
Standard for Security Assessment Framework for Internet of Things (IoT) Application Deployments
Recommendation: Approve new PAR until December 2025

IEEE Communications Society/Virtualized and Software Defined Networks, and Services Standards Committee

P1952
Standard for Resilient Positioning, Navigation and Timing (PNT) User Equipment
Recommendation: Approve new PAR until December 2025

IEEE Computer Society/Blockchain and Distributed Ledgers

P3218
Standard for Using Blockchain for Carbon Trading Applications
Recommendation: Approve new PAR until December 2025

P3219
Standard for Blockchain-based Zero-Trust Framework for Internet of Things (IoT)
Recommendation: Approve new PAR until December 2025

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Qdq
Standard for Local and Metropolitan Area Networks – Bridges and Bridged Networks Amendment: Shaper Parameter Settings for Bursty Traffic Requiring Bounded Latency
Recommendation: Approve new PAR until December 2025

IEEE Consumer Technology Society/Standards Committee

P2785.1
Standard for Interconnection and Interoperability Requirements of Smart Home Systems
Recommendation: Defer new PAR to the next NesCom meeting. Ramy Fathy was assigned as a mentor to help address issues with the scope and other related information needed for the PAR.

P1752.2
Standard for Mobile Health Data: Representation of Cardiovascular, Respiratory, and Metabolic Measures
Recommendation: Approve new PAR until December 2025

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P1451.5.5
Standard for a Smart Transducer Interface for Sensors and Actuator – Wireless Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats – LoRa Protocol
Recommendation: Approve new PAR until December 2025 (6 approve, 2 disapprove [Edwards, Hiertz], 4 abstain [Hong, Ulema, Wang, Wei])

P1451.5.6
Standard for a Smart Transducer Interface for Sensors and Actuator – Wireless Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats – Sigfox Protocol
Recommendation: Approve new PAR until December 2025 (6 approve, 0 disapprove, 5 abstain [Hiertz, Hong, Reilly, Wang, Wei])

P1451.5.10
Standard for a Smart Transducer Interface for Sensors and Actuator – Wireless Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats – NB-IoT Protocol
Recommendation: Approve new PAR until December 2025 (10 approve, 0 disapprove, 2 abstain [Edwards, Hiertz])

P2992
Recommended Practice for Data Expression, Exchange, and Processing in Smart Agriculture
Recommendation: Approve new PAR until December 2025

IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee

P3004.9
Recommended Practice for the Protection of Transformers Used in Industrial and Commercial Power Systems
Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Energy Development & Power Generation

P2800.2
Recommended Practice for Test and Verification Procedures for Inverter-based Resources (IBRs) Interconnecting with Bulk Power Systems
Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee

P2993
Recommended Practices for Energy Storage System Design Using Second-life Electric Vehicle Batteries
Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Nuclear Power Engineering

P379.1
Guide for Application of the Single-Failure Criterion to Nuclear Power Generating Station Safety Systems
Recommendation: Approve new PAR until December 2025

IEEE Power and Energy Society/Transmission and Distribution

P2991
Guide for Live-Working Robots for Electric Distribution Systems
Recommendation: Approve new PAR until December 2025

IEEE Power Electronics Society/Standards Committee

P2996
Recommended Practice for Near Magnetic Field and Electric Field Characterization of Transformer and Inductors
Recommendation: Approve new PAR until December 2025

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

P2987
Recommended Practice for Principles for Design and Operation Addressing Technology-Facilitated Interpersonal Control
Recommendation: Approve new PAR until December 2025 (11 approve, 0 disapprove, 1 abstain [Hiertz])

4.4 PARs for the Revision of Standards

IEEE Power and Energy Society/Transformers

PC57.125
Guide for Failure Investigation, Documentation, Analysis, and Reporting for Power Transformers and Shunt Reactors
Recommendation: Approve PAR for the revision of a standard until December 2025

PC57.134
Guide for Determination of Hottest-Spot Temperature in Dry-Type Distribution and Power Transformers
Recommendation: Approve PAR for the revision of a standard until December 2025

With discussion items remaining on the agenda near the scheduled meeting end time, Chair Stanley asked if there were any objections to extending the meeting by 15 minutes, and there were no objections.

5 OLD BUSINESS

5.1 UPDATE ON CO-STANDARDS COMMITTEE TOPIC

Erin Morales presented information based on a staff review of the current policies and practices with regard to Co-Standards Committees. This included a review of the process for each type of PAR, as well as potential process updates for consideration. With items still remaining to be discussed on this topic, Chair Stanley mentioned that the topic will carry over to the June 2021 NesCom meeting.

5.2 COMMITTEE MEMBER INTERACTIONS/COMMENTS RE: MYPROJECT

This agenda item was deferred to the June 2021 NesCom meeting due to lack of time.

NB: This is a standing agenda item and if anyone has any feedback about their user experience with myProject, please let Lisa Weisser know.

6 NEW BUSINESS

6.1 PARS WITH OPEN SOURCE COMPONENTS

This agenda item was deferred to the June 2021 NesCom meeting due to lack of time.

7 DATE OF NEXT MEETING

The next meeting of NesCom will take place on 11 June 2021 by teleconference.

8 ADJOURNMENT

Chair Stanley thanked the NesCom members for their work reviewing the PARs, and reminded them to try to get comments in early during the review period. She also thanked the Chairs for submitting the PARs. There being no further business, the meeting was adjourned at 11:17 a.m. ET (UTC-4).