

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

29 April 2020

9:00 a.m. ET

Teleconference

Members Present:

Ted Burse  
Ramy A. Fathy  
Guido Hiertz  
John Kulick  
Haiying Lu  
Chenhui Niu  
Dorothy Stanley, Chair  
Lei Wang  
Sha Wei  
Philip Winston  
Daidi Zhong

Members Absent:

Dong Liu  
Riccardo Mariani

Guests:

Defoe Chiang [part time]  
Jim Goodell [part time]  
Jerry Gordon [part time]  
Yukun Hao [part time]  
Ming Li [part time]

Lyn Sun [part time]  
Richard Tong [part time]

IEEE Staff:

Christy Bahn  
Matt Ceglia  
Karen Evangelista  
Josh Gay  
Jonathan Goldberg  
Jodi Haasz  
Yvette Ho Sang  
Michael Kipness  
Vanessa Lalitte  
Erin Morales  
Ashley Moran  
Christian Orlando  
Dave Ringle  
Pat Roder  
Jennifer Santulli  
Tom Thompson  
Lisa Weissner, Administrator  
Malia Zaman

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

Chair Stanley welcomed everyone and called the meeting to order at 9:03 a.m. 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 (Wei) and seconded (Zhong) to approve the 29 April 2020 NesCom meeting agenda, including all items on the consent agenda. The motion was unanimously approved.**

## 2.1 Consent Agenda

### 2.1.1 Withdrawal Requests

There were no withdrawal requests.

### 2.1.2 Project Number Change Request for P2733 'Standard for Clinical Internet of Things (IOT) Data and Device Interoperability with TIPPSS - Trust, Identity, Privacy, Protection, Safety, Security'

*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 P2733 to P2933.*

### 2.1.3 Project Number Change Request for P1451-99 'Standard for Harmonization of Internet of Things (IoT) Devices and Systems'

*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 P1451-99 to P1451.99.*

## 3 APPROVAL OF MINUTES FROM THE 22 JANUARY 2020 MEETING

A motion was made (Wei) and seconded (Winston) to approve the minutes of the 22 January 2020 NesCom meeting. The motion was unanimously approved.

## 4 PARS FOR DISCUSSION

### 4.1 Modified PARs

#### IEEE Computer Society/LAN/MAN Standards Committee

##### P802.15.4z

Standard for Low-Rate Wireless Networks Amendment: Enhanced Ultra Wide-Band (UWB) Physical Layers (PHYs) and Associated Ranging Techniques

**Recommendation: Approve modified PAR**

#### IEEE Computer Society/Standards Activities Board

##### P2830

Standard for Technical Framework and Requirements of Trusted Execution Environment based Shared Machine Learning

**Recommendation: Approve modified PAR**

### 4.2 Extension Requests

#### IEEE Power and Energy Society/Substations

##### P1240

Guide for the Evaluation of the Reliability of HVDC Converter Stations

**Recommendation: Approve request for an extension until December 2023**

##### P1378

Guide for Commissioning High-Voltage Direct-Current (HVDC) Converter Stations and Associated Transmission Systems

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

### 4.3 New PARs

#### IEEE Computer Society/Blockchain and Distributed Ledgers

**P3201**

Standard for Blockchain Access Control

**Recommendation: Approve new PAR until December 2024**

**P3202**

Standard for Capability Evaluation Requirements of Blockchain Practitioners

**Recommendation: Approve new PAR until December 2024 (9 approve, 0 disapprove, 1 abstain [Hiertz])**

**P3203**

Standard for Blockchain Interoperability Naming Protocol

**Recommendation: Approve new PAR until December 2024**

**P3204**

Standard for Blockchain Interoperability - Cross Chain Transaction Consistency Protocol

**Recommendation: Approve new PAR until December 2024**

**P3205**

Standard for Blockchain Interoperability - Data Authentication and Communication Protocol

**Recommendation: Approve new PAR until December 2024 (9 approve, 0 disapprove, 1 abstain [Hiertz])**

**P3206**

Standard for Blockchain-based Digital Asset Classification

**Recommendation: Approve new PAR until December 2024**

**P3207**

Standard for Blockchain-based Digital Asset Identification

**Recommendation: Approve new PAR until December 2024**

**P3208**

Standard for Blockchain-based Digital Asset Exchange Model

**Recommendation: Approve new PAR until December 2024**

**P3209**

Standard for Blockchain Identity Key Management

**Recommendation: Approve new PAR until December 2024 (9 approve, 0 disapprove, 1 abstain [Hiertz])**

**P3210**

Standard for Blockchain-based Digital Identity System Framework

**Recommendation: Approve new PAR until December 2024 (9 approve, 0 disapprove, 1 abstain [Fathy])**

**P3211**

Standard for Blockchain-based Electronic Evidence Interface Specification

**Recommendation: Approve new PAR until December 2024**

**P3212**

Standard for Governance Framework for Blockchain System

**Recommendation: Defer new PAR until the next NesCom meeting due to a NesCom comment remaining unresolved.**

**P3214**

Standard for Testing Specification of Blockchain Systems

**Recommendation: Approve new PAR until December 2024**

IEEE Computer Society/Learning Technology

**P1484.1**

Guide for Conceptual Model for Learning Technology Systems (CM4LTS)

**Recommendation: Conditionally approve new PAR until December 2024, based on the condition of removing the 3 Q/A from section 8.1.**

*NB: The condition has been met.*

**P1484.2**

Recommended Practice for Integrated Learner Record (ILR)

**Recommendation: Conditionally approve new PAR until December 2024, based on the condition of removing the 3 Q/A from section 8.1. (9 approve, 0 disapprove, 1 abstain [Hiertz])**

*NB: The condition has been met.*

**P1484.20.2**

Recommended Practices for Defining Competencies

**Recommendation: Approve new PAR until December 2024**

**P2881**

Standard for Learning Metadata

**Recommendation: Approve new PAR until December 2024**

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

**P3001.3**

Recommended Practice for the Design of Industrial and Commercial Power Systems: Voltage Considerations

**Recommendation: Approve new PAR until December 2024**

IEEE Power and Energy Society/Switchgear

**P2880**

Standard for High Voltage Direct Current Circuit Breakers Above 3200 Vdc

**Recommendation: Approve new PAR until December 2024**

IEEE Vehicular Technology Society/Intelligent Transportation Systems

**P1609.20**

Recommended practice for extending the functionality of IEEE Std 1609.2

**Recommendation: Approve new PAR until December 2024**

**4.4 PARs for the Revision of Standards**

IEEE Computer Society/Cybersecurity and Privacy Standards Committee

**P1619.2**

Standard for Wide-Block Encryption for Shared Storage Media

**Recommendation: Approve PAR for the revision of a standard until December 2024**

IEEE Computer Society/Software & Systems Engineering Standards Committee

**P15026-2**

Systems and software engineering--Systems and software assurance--Part 2: Assurance case

**Recommendation: Approve PAR for the revision of a standard until December 2024**

IEEE Power and Energy Society/Energy Development & Power Generation

**P807**

Recommended Practice for Unique Identification in Hydroelectric Facilities

**Recommendation: Approve PAR for the revision of a standard until December 2024**

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

**P1187**

Recommended Practice for Installation Design and Installation of Valve-Regulated Lead-Acid Batteries for Stationary Applications

**Recommendation: Approve PAR for the revision of a standard until December 2024**

**P1635**

Guide for the Ventilation and Thermal Management of Batteries for Stationary Applications

**Recommendation: Approve PAR for the revision of a standard until December 2024**

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

**PC62.92.4**

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

**Recommendation: Approve PAR for the revision of a standard until December 2024**

IEEE Power and Energy Society/Transmission and Distribution

**P1782**

Guide for Collecting, Categorizing, and Utilizing Information Related to Electric Power Distribution Interruption Events

**Recommendation: Approve PAR for the revision of a standard until December 2024**

IEEE Vehicular Technology Society/Intelligent Transportation Systems

**P1609.2**

Standard for Wireless Access in Vehicular Environments--Security Services for Applications and Management Messages

**Recommendation: Approve PAR for the revision of a standard until December 2024**

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

**P1653.1**

Standard for Traction Power Rectifier Transformers for Substation Applications up to 1500 V DC Nominal Output  
**Recommendation: Approve PAR for the revision of a standard until December 2024**

IEEE-SASB Coordinating Committees/SCC04 - Electrical Insulation

**P1**

Recommended Practice - General Principles for Temperature Limits in the Rating of Electrical Equipment and for the Evaluation of Electrical Insulation

**Recommendation: Approve PAR for the revision of a standard until December 2024**

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

**P2030**

Guide for Smart Grid Interoperability of Energy Technology and Information Technology Operation with the Electric Power System (EPS), End-Use Applications, and Loads

**Recommendation: Approve PAR for the revision of a standard until December 2024**

Following this portion of the agenda, Chair Stanley thanked all of the committee members for their thorough review of the PARs. She also noted that the PARs were improved through the NesCom review process.

**5 OLD BUSINESS**

**5.1 Discussion - Recommendation from the Ad Hoc on Review Period Comment Timeframes**

Chair Stanley took an action item at the March NesCom meeting to distribute the recommended changes to the NesCom Conventions regarding the NesCom comment period to NesCom and staff to see if there is further discussion needed, and if there is interest in continuing with the recommendations. There was a discussion about the need for setting expectations for review comments and replies, and the appropriate way to make the expectations known. There was no decision on the suggested edits to the NesCom Conventions, and the topic will continue to the next NesCom meeting.

**6 NEW BUSINESS**

There was no new business.

**7 DATE OF NEXT MEETING**

The next meeting of NesCom will take place on 2 June 2020 by teleconference only because of travel restrictions due to COVID-19.

**8 ADJOURNMENT**

There being no further business, the meeting was adjourned at 10:30 a.m.