

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

4 March 2020

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

New Delhi, India

Members Present:

Ramy A. Fathy (via phone)

Guido Hiertz (via phone)

John Kulick

Dong Liu (via phone)

Haiying Lu (via phone)

Riccardo Mariani (via phone)

Chenhui Niu (via phone)

Dorothy Stanley, Chair

Lei Wang

Sha Wei (via phone)

Philip Winston (via phone)

Hiroshi Mano

Jim Matthews

Niwedita Pathak

Jon Rosdahl

Bindoo Srivastava

Claire Topp

Karl Weber

Don Wright

Isamu Yamada

IEEE Staff:

Hermann Brand

Sri Chandrasekaran

Ravindra Desai

Karen Evangelista

Jodi Haasz

Yvette Ho Sang

Karen Kenney

Soo Kim

Munir Mohammed

Dave Ringle

Rudi Schubert

Sam Sciacca

Lisa Weissner, Administrator

Members Absent:

Ted Burse

Daidi Zhong

Guests:

Sandeep Agrawal

Shrikant Bhat

Doug Edwards

Yoshiaki Fukami

Gary Hoffman

Narang Kishor

Kevin Lu

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

Chair Stanley welcomed everyone and called the meeting to order at 9:00 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 (Kulick) and seconded (Wang) to approve the 4 March 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

IEEE Engineering in Medicine and Biology Society/Standards Committee

P2721

Standard for Wireless Diabetes Device Security Assurance

Recommendation: Approve PAR withdrawal

IEEE Reliability Society/IEEE Reliability

P1467

Standard for Reliability Growth

Recommendation: Approve PAR withdrawal

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

P7013

Inclusion and Application Standards for Automated Facial Analysis Technology

Recommendation: Approve PAR withdrawal

2.1.2 Standards Committee Change Request for P2784

Request to move P2784 'Guide for the Technology and Process Framework for Planning a Smart City' from COM/SDB to COM/NetSoft-SC.

NB: The approval of this Standards Committee Change request was included in the approval of the agenda and the consent agenda. This change will be made and the PAR was moved to COM/NetSoft-SC.

2.1.3 Project Number Change Request for P2829 'Guide for Handling Non-Sulphur Hexafluoride (SF6) Gas Mixtures for High Voltage Equipment'

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 P2829 to PC37.122.10.

3 APPROVAL OF MINUTES FROM THE 22 JANUARY 2020 MEETING

The minutes were posted close to the meeting date and will be approved at the April NesCom teleconference.

NB: The minutes from the 22 January 2020 NesCom meeting were approved at the 29 April 2020 NesCom meeting.

4 PARS FOR DISCUSSION

4.1 Modified PARs

IEEE Consumer Electronics Society/Standards Committee**P2049.1**

Standard for Human Augmentation: Taxonomy and Definitions

Recommendation: Approve modified PAR

P2049.2

Standard for Human Augmentation: Privacy and Security

Recommendation: Approve modified PAR

P2049.3

Standard for Human Augmentation: Identity

Recommendation: Approve modified PAR

P2049.4

Standard for Human Augmentation: Methodologies and Processes for Ethical Considerations

Recommendation: Approve modified PAR

P2788

Standard for Circulating Air Pressure Physiotherapy Equipment Used in the Home Healthcare Environment

Recommendation: Approve modified PAR

P2843

Standard for Measuring Accessibility Experience and Compliance

Recommendation: Approve modified PAR

IEEE Vehicular Technology Society/Intelligent Transportation Systems**P1609.2.1**

Wireless Access in Vehicular Environments (WAVE) -- Certificate Management Interfaces for End-Entities

Recommendation: Approve modified PAR (9 approve, 0 disapprove, 1 abstain [Hiertz])

IEEE-SASB Coordinating Committees/SCC21 - Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage**P1547.3**

Guide for Cybersecurity of Distributed Energy Resources Interconnected with Electric Power Systems

Recommendation: Approve modified PAR (9 approve, 0 disapprove, 1 abstain [Hiertz])

4.2 Extension Requests**IEEE Power and Energy Society/Power System Communications and Cybersecurity****PC93.5**

Standard for Power Line Carrier Transmitter/Receiver Equipment used to Transfer Discrete Teleprotection Signals

Recommendation: Approve request for an extension until December 2022

IEEE Power and Energy Society/Surge Protective Devices/High Voltage**PC62.11**

Standard for Metal-Oxide Surge Arresters for AC Power Circuits (> 1 kV)

Recommendation: Approve request for an extension until December 2020

4.3 New PARs

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

P1912

Standard for Privacy and Security Framework for Consumer Wireless Devices

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

IEEE Communications Society/Mobile Communication Networks Standards Committee

P2872

Standard for Interoperable and Secure Wireless Local Area Network (WLAN) Infrastructure and Architecture

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

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

P1950.1

Standard for Communications Architectural Functional Framework for Smart Cities

Recommendation: Approve new PAR until December 2024

P1951.1

Standard for Smart City Component Systems Discovery and Semantic Exchange of Objectives

Recommendation: Approve new PAR until December 2024

IEEE Consumer Electronics Society/Standards Committee

P2866.1

Standard for Device Trusted Extension: Software Architecture

Recommendation: Approve new PAR until December 2024

P2867

Guide for Direct Current (DC) Power Transmitter of Wireless Charging for Kitchen Appliances

Recommendation: Approve new PAR until December 2024

P2868

Standard for Architectural Framework and Technical Requirements for Smart Display System

Recommendation: Approve new PAR until December 2024 (8 approve, 0 disapprove, 2 abstain [Fathy, Winston])

P2876

Recommended Practice for Inclusion, Dignity and Privacy in Online Gaming

Recommendation: Approve new PAR until December 2024

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P2855

Recommended Practice for the Electromagnetic Characterization of Cable/Connector Assembly Shielding Effectiveness in Frequency Range of Direct Current to 40 GHz

Recommendation: Approve new PAR until December 2024

IEEE Engineering in Medicine and Biology Society/Standards Committee**P2621.1**

Standard for Wireless Diabetes Device Security Assurance: Product Security Evaluation Program

Recommendation: Approve new PAR until December 2024

P2621.2

Standard for Wireless Diabetes Device Security Assurance: Protection Profile for Connected Diabetes Devices

Recommendation: Approve new PAR until December 2024

P2621.3

Standard for Wireless Diabetes Device Security Assurance: Guidance for Mobile Devices

Recommendation: Approve new PAR until December 2024

P2864

Guide for a Software Change Control System for Three-Dimensional (3D) Bioprinting of Tissue-Engineered Medical Products (TEMPs)

Recommendation: Approve new PAR until December 2024

IEEE Power and Energy Society/Analytic Methods for Power Systems**P2869**

Guide for the Synchronous Monitoring of Direct Current (DC) Bias Magnetic Current Distribution in Power Grid

Recommendation: Approve new PAR until December 2024

IEEE Power and Energy Society/Power System Communications and Cybersecurity**PC37.238a**

Standard Profile for Use of IEEE 1588 Precision Time Protocol in Power System Applications

Amendment 1: Adding a Type-Length-Value (TLV) to indicate the latest International Earth Rotation Service (IERS)-specified Universal Time Coordinated (UTC) Leap Second Event

Recommendation: Approve new PAR until December 2024

IEEE Power and Energy Society/Transformers**PC57.93a**

IEEE Approved Draft Guide for Installation and Maintenance of Liquid-Immersed Power Transformers

Amendment: Cold Start of Power Transformers filled with Natural Ester Fluids

Recommendation: Approve new PAR until December 2024

IEEE Power and Energy Society/Transmission and Distribution**P2870**

Grip Test Method Guide for Fittings of High-Temperature, Low-Sag Overhead Conductor Under Tension and Electric Current Co-effect

Recommendation: Approve new PAR until December 2024

P2871

Standard for Wedge-shaped Groove Clamps

Recommendation: Approve new PAR until December 2024

P751

Guide for Wood Structures Used for Overhead Electric Transmission Lines

Recommendation: Approve new PAR until December 2024

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1833

Guidelines for the Design of Direct Current Overhead Contact Systems for Transit Systems

Recommendation: Approve new PAR until December 2024

4.4 PARs for the Revision of Standards

IEEE Computer Society/Software & Systems Engineering Standards Committee

P41062

Software Engineering - Life cycle processes - Software Acquisition

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

IEEE Power and Energy Society/Energy Development & Power Generation

P1095

Guide for the Installation of Vertical Generators and Generator/Motors for Hydroelectric Applications

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

IEEE Power and Energy Society/Insulated Conductors

P1637

Guide for Selection and Application of Terminations for Shielded Alternating-Current Power Cable Rated 5 kV - 46 kV

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

P82

Standard Test Procedure for Impulse Voltage Tests on Insulated Conductors

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

IEEE Power and Energy Society/Switchgear

PC37.41

Standard for Design Tests and Specifications for High-Voltage (> 1000 V) Fuses and Accessories

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

IEEE Power and Energy Society/Transformers

PC57.12.28

Standard for Pad-Mounted Equipment--Enclosure Integrity

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

PC57.12.29

Standard for Pad-Mounted Equipment--Enclosure Integrity for Coastal Environments

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

PC57.12.52

Standard for Sealed Dry-Type Distribution and Power Transformers

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

PC57.146

Guide for Interpretation of Gases Generated in Silicone-Immersed Transformers

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

PC57.163

Guide for Establishing Power Transformer Capability while under Geomagnetic Disturbances

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

IEEE Power and Energy Society/Transmission and Distribution

P1308

Recommended Practice for Instrumentation: Specifications for Magnetic Flux Density and Electric Field Strength Meters - 10 Hz to 3 kHz

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

P563

Guide on Conductor Self-Damping Measurements

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

P664

Guide for Laboratory Measurement of the Power Dissipation Characteristics of Aeolian Vibration Dampers for Single Conductors

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

P738

Standard for Calculating the Current-Temperature Relationship of Bare Overhead Conductors

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

P824

Standard for Series Capacitor Banks in Power Systems

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

PC135.62

Standard for Zinc-Coated Forged Anchor Shackles

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

5 OLD BUSINESS

5.1 Ad Hoc on Review Period Comment Timeframes - Phil Winston

Phil Winston provided an update that the ad hoc was asked to continue into 2020 to present its recommendations, but there were concerns raised by staff with some of the recommendations. Phil requested that Chair Stanley forward the original recommendations to NesCom members along with a request to staff to learn more about what staff objected to with regard to 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.

AI: Chair Stanley will send the original recommendations of the ad hoc to NesCom and work with staff to see if there is interest in continuing with the recommendations.

NB: This action item was completed and further discussion took place at the April 2020 NesCom teleconference.

6 NEW BUSINESS

6.1. Committee Member Interactions/Comments Re: myProject

Committee members provided feedback on their interactions with the updated myProject. Some of the initial feedback included:

- Quotation marks appear as question marks in myProject once the comment is submitted.
- Text runs together with improper spacing between sentences and paragraphs in the submitted comments.
- Clicking back to the meeting agenda after viewing the submission details should bring the reviewer back to the same location on the agenda (anchored), so they do not have to scroll back each time.
- There needs to be a filter to allow NesCom members to track the PARs they made comments on instead of searching for these manually.
- There needs to be a way for reviewers to sort based on their votes.
- There should be a way to toggle back and forth between PARs with navigational arrows.

7 DATE OF NEXT MEETING

The next meeting of NesCom will take place on 29 April 2020 by teleconference. Karen Kenney mentioned that there will be information in the coming weeks about potential changes to the June SASB meeting series scheduled to take place in Berlin because there may be travel restrictions due to COVID-19.

NB: The June 2020 NesCom meeting will be held by teleconference only on 2 June at 9:00 a.m. ET.

8 ADJOURNMENT

Chair Stanley thanked all of the committee members for the significant amount of work involved in reviewing the PARs, and she thanked Lisa Weisser for making all of the edits to the PARs. She also noted that the PARs were improved through the NesCom review process. There being no further business, the meeting was adjourned at 11:54 a.m.