IEEE SA Standards Board New Standards Committee (NesCom) 
Meeting Minutes 
27 April 2022 
9:00 a.m. - 11:00 a.m. ET (UTC-4) 
Teleconference 

Members Present: 
Xiaofeng (Alfred) Chen 
Doug Edwards 
Ramy A. Fathy, Vice Chair 
Guido Hiertz 
Wei Hong 
Howard Li 
Johnny Lin 
Gui Liu 
Annette Reilly 
Dorothy Stanley, Chair 
Mehmet Ulema 
Lei Wang 
Karl Weber 
Sha Wei, Vice Chair 
Don Wright 
Daidi Zhong 

Members Absent: 
Yousef Kimiagar 
Daleep Mohla 

Guests: 
Jithendar Anandan 
Jens Boemer 
Xiujuan Chen 
Jean-Philippe Faure 
Sasikumar Ganesan 
Bin Han 
David Law 
Kevin Lu 
Ramesh Narayanan 
Paul Nikolich 
Glenn Parsons 
Mark Siira 
Claire Topp [legal counsel] 
Xianyong Xu 
Yu Yuan 
Bin Zheng
1 CALL TO ORDER AND INTRODUCTIONS

Chair Stanley welcomed everyone and called the meeting to order at 9:01 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 to the agenda. There were none.

A motion was made (Fathy) and seconded (Hong) to approve the 27 April 2022 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 Computer Society/LAN/MAN Standards Committee
P802.15.6a
Standard for Local and Metropolitan Area Networks - Part 15.6: Wireless Body Area Networks
Amendment: Dependable Human and Vehicle Body Area Networks
Recommendation: Approve PAR withdrawal

P802.15.12
Upper Layer Interface (ULI) for IEEE 802.15.4 Low-Rate Wireless Networks
Recommendation: Approve PAR withdrawal

3 PARS FOR DISCUSSION

3.1 Modified PARs

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

P1930.1
Recommended Practice for Software Defined Networking (SDN) based Middleware for Control and Management of Wireless Networks
Recommendation: Approve modified PAR

IEEE Computer Society/LAN/MAN Standards Committee

P802.3cz
Standard for Ethernet
Amendment: Physical Layer Specifications and Management Parameters for Multi-gigabit Optical Ethernet Using Graded-index Glass Optical Fiber for Application in the Automotive Environment
Recommendation: Approve modified PAR

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P2426
Recommendation: Approve modified PAR

IEEE Vehicular Technology Society/High Speed Train and Maglev Standards Committee

P2965
Railway applications - Electromagnetic compatibility - Immunity test of rolling stock on completion of construction and before entry into service
Recommendation: Approve modified PAR (13 approve, 0 disapprove, 1 abstain)

IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety

PC95.7
Standard for Electromagnetic Energy Safety Programs, 0 Hz to 300 GHz
Recommendation: Approve modified PAR

3.2 Extension Requests

IEEE Power and Energy Society/Substations

P979
Guide for Substation Fire Protection
Recommendation: Approve request for an extension until December 2024

3.3 New PARs

**IEEE Communications Society/Power Line Communications**

**P1901c**
Standard for Broadband over Power Line Networks: Medium Access Control and Physical Layer Specifications Amendment 3: Enhanced Flexible Channel Wavelet (FCW) physical and media access control layers for use on any media

Recommendation: Approve new PAR until December 2026

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

**P1943**
Standard for Post-Quantum Network Security

Recommendation: Defer new PAR until the next NesCom meeting to allow time for the COM/NetSoft-SC Chair to contact the IEEE 802.1 Working Group Chair to discuss potential improvements to the wording of the explanation in section 7.1 on the PAR. (8 approve, 2 disapprove, 5 abstain)

**IEEE Computer Society/Artificial Intelligence Standards Committee**

**P3168**
Standard for Robustness Evaluation Test Methods for a Natural Language Processing Service that uses Machine Learning

Recommendation: Approve new PAR until December 2026

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

**P3221**
Standard for Technical Requirements of Digital Collection Services Based on Blockchain Technologies

Recommendation: Approve new PAR until December 2026

**IEEE Computer Society/Cybersecurity and Privacy Standards Committee**

**P3167**
Standard for Secure Biometrics Device Interface

Recommendation: Approve new PAR until December 2026

**P3172**
Recommended Practice for Post-Quantum Cryptography Migration

Recommendation: Approve new PAR until December 2026

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

**P802.1Qdt**
Standard for Local and Metropolitan Area Networks - Bridges and Bridged Networks Amendment: Priority-based Flow Control Enhancements

Recommendation: Approve new PAR until December 2026

**P802.3dh**

Recommendation: Approve new PAR until December 2026
IEEE Computer Society/Standards Activities Board

P2807.7
Guide for Open Domain Knowledge Graph Publishing and Crowdsourcing Service
Recommendation: Approve new PAR until December 2026

P2807.8
Standard for Knowledge Exchange Protocol with Knowledge Fusion Among Knowledge Graphs
Recommendation: Approve new PAR until December 2026

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

P3163
Recommended Practice for Sizing Lithium Batteries for Stationary Applications
Recommendation: Approve new PAR until December 2026

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

P3170
Recommended Practice for Controllable Metal Oxide Arrester of 1000 kilovolt (kV) Ultra High Voltage (UHV) Alternating Current (AC) System
Recommendation: Conditionally approve new PAR until December 2026; contingent upon replacing "1000 kilovolt (kV)" or "1000 kV" with 1 MV throughout the PAR. (10 approve, 0 disapprove, 5 abstain)
Note: The condition has been met.

IEEE Power and Energy Society/Transmission and Distribution

P516-2021/Cor 1.1
Guide for Maintenance Methods on Energized Power Lines - Corrigendum 1.1
Recommendation: Approve new PAR until December 2026

IEEE SA Board of Governors/Corporate Advisory Group

P2413.3
Guide for Hydropower Energy Internet of Things
Recommendation: Approve new PAR until December 2026 (14 approve, 0 disapprove, 1 abstain [Hiertz])

P3169
Standard for Security Requirement of Privacy-preserving Computation
Recommendation: Approve new PAR until December 2026

P3301
Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI)D Technical Specification Artificial Intelligence Framework (AIF) Version 1
Recommendation: Approve new PAR until December 2026

P3302
Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification Context-based Audio Enhancement (CAE) Version 1.2
Recommendation: Approve new PAR until December 2026
IEEE Systems, Man, and Cybernetics Society/Standards Committee

P3166
Standard for Smart Cities Terminology
Recommendation: Approve new PAR until December 2026 (8 approve, 7 disapprove, 1 abstain)

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1616.1
Standard for Data Storage System for Automated Driving (EDR/DSSAD)
Recommendation: Approve new PAR until December 2026

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

P1547.10
Recommended Practice for Distributed Energy Resources (DER) Gateway Platforms
Recommendation: Approve new PAR until December 2026

3.4 PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.6
Standard for Local and Metropolitan Area Networks - Part 15.6: Wireless Body Area Networks
Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Computer Society/Software & Systems Engineering Standards Committee

P24748-1
Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Transformers

PC57.12.00
Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers
Recommendation: Approve PAR for the revision of a standard until December 2026

PC57.12.90
Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers
Recommendation: Approve PAR for the revision of a standard until December 2026

IEEE Power and Energy Society/Transmission and Distribution

P524
Guide for the Installation of Overhead Transmission Line Conductors
Recommendation: Approve PAR for the revision of a standard until December 2026
4 OLD BUSINESS

4.1 Committee Member Interactions/Comments Re: myProject

Chair Stanley mentioned that there have been a number of improvements to myProject and that the details can be seen in the release notes in the myProject support portal.

Note: Committee member interactions re: myProject is a standing agenda item and if anyone has any feedback about their user experience with myProject, please let Lisa Weisser know.

5 NEW BUSINESS

There was no new business.

6 DATE OF NEXT MEETING

The next meeting of NesCom was 15 June 2022 in Toronto, Canada and by teleconference.

7 ADJOURNMENT

Chair Stanley thanked everyone. There being no further business, the meeting was adjourned at 10:46 a.m. ET (UTC-4).