IEEE SA STANDARDS BOARD NEW STANDARDS COMMITTEE (NesCom)
DRAFT MEETING MINUTES
30 October 2024
Teleconference
9:30 a.m. – 12:00 p.m. ET (UTC-4)

Attendees

Members Present:
Lei Wang, Chair
Guido Hiertz, Vice Chair
Kit August
Sara Biyabani
Xiaofeng (Alfred) Chen
Yuan Chi
Stephen Dukes
Doug Edwards
Darren Galpin
Hao Hu
Howard Li
Johnny Lin
Daleep Mohla
Jon Rosdahl

Members Absent:
Ramy Fathy
Daidi Zhong

IEEE Staff:
Christy Bahn
Teresa Belmont, Administrator
Ahsaki Benion
Matthew Ceglia
Karen Evangelista
Dalisa Gonzales
Jodi Haasz
Yvette Ho Sang
Soo Kim
Vanessa Lalitte
Sandra Maru
Suzanne Merten
Erin Morales
Christian Orlando
Shana Pepin
Dave Ringle
Pat Roder
Jennifer Santulli
Rudi Schubert

Tom Thompson
Michelle Turner
Malia Zaman
Meng Zhao

Guests:
Bob Aiello
Latonia Gordon
Ron Hotchkiss
Yousef Kimiagar
David Law
Eric Lindahl
Kevin Lu
Ralf Ma
Carol McDonald
Paul Nikolich
Robby Robson
Mark Siira
Claire Topp, IEEE Outside Legal Counsel
Keith Waters
Don Wright
Ruichen Xia

1. CALL TO ORDER

Chair Lei Wang called the meeting to order at 9:30 a.m. ET (UTC-4). There was a round of introductions.

It was noted that the meeting was quorate.

2. REVIEW OF AGENDA

Chair Wang reviewed the agenda.

There was a motion to approve the agenda, including the consent agenda. In the absence of objection or abstention, the motion was approved.

3. APPROVAL OF MINUTES FROM THE 25 SEPTEMBER 2024 MEETING
There was a motion to approve the 25 September 2024 meeting minutes. In the absence of objection or abstention, the motion was approved.

4. PARS FOR DISCUSSION
Unless indicated otherwise, the motions were approved unanimously.

4.1 Withdrawal Requests
There was a bucket motion to approve P1931.1 and P2852 based on the fact that preliminary votes have no objections to recommending approval and there are no unresolved NesCom member comments. In the absence of objection or abstention, the motion was approved.

IEEE Communications Society/Mobile Communication Networks Standards Committee
P1931.1
Standard for an Architectural Framework for Real-time Onsite Operations Facilitation (ROOF) for the Internet of Things
Recommendation: Approve PAR withdrawal.

IEEE Systems, Man, and Cybernetics Society/Standards Committee
P2852
Intelligent Assessment of Safety Risk for Overhead Transmission Lines Under Multiple Operating Conditions
Recommendation: Approve PAR withdrawal.

4.2 Modified PARs
There was a bucket motion to approve PN42.59 and P1609.2.2 based on the fact that preliminary votes have no objections to recommending approval and there are no unresolved NesCom member comments. In the absence of objection or abstention, the motion was approved.

IEEE Instrumentation and Measurement Society/TC45 - Radiation and Nuclear Instrumentation and Systems
PN42.59
Standard for Measuring the Imaging Performance of Active Millimeter-Wave Systems for Security Screening of Humans
Recommendation: Approve modified PAR until December 31, 2025.

IEEE Vehicular Technology Society/Intelligent Transportation Systems
P1609.2.2
Guide for Wireless Access in Vehicular Environments (WAVE) - Multi-Jurisdictional Interoperability Using Security Credentials Originating in Disparate Policy Domains
Recommendation: Approve modified PAR until December 31, 2027.

4.3 Extension Requests

There was a bucket motion to approve P269, P2874, P2948, P2949, P2879, P2975.1, P2976.1, P2976.2, P3141, P11073-10101c, P95, PC37.95, PC37.113, PC37.114, P1527, PC62.92.4, PC37.01, P987, P1159.3, P1283, P1882, P2817, P2030, and P2890 based on the fact that preliminary votes have no objections to recommending approval and there are no unresolved NesCom member comments. In the absence of objection, the motion was approved.

IEEE Communications Society/Dynamic Spectrum Access Networks Standards Committee
P1900.2
Recommended Practice for the Analysis of In-Band and Adjacent Band Interference and Coexistence Between Radio Systems
Recommendation: Approve request for an extension until 31 December 2026.

There was a motion to approve the recommendation for P1900.2. In the absence of any objection or abstention, the motion was approved.

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 request for an extension until 31 December 2026.

There was a motion to approve the recommendation for P1912. In the absence of any objection or abstention, the motion was approved.

IEEE Communications Society/Standards Development Board
P269
Standard for Evaluating Electroacoustic Performance of Communication Devices
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Computer Society/Artificial Intelligence Standards Committee
P2874

Standard for Spatial Web Protocol, Architecture and Governance
Recommendation: Approve request for an extension until 31 December 2025.

IEEE Computer Society/Online Gaming Standards Committee
P2948

Standard for Framework and Definitions for Cloud Gaming
Recommendation: Approve request for an extension until 31 December 2026.

P2949

Recommended Practice for the Evaluation of Cloud Gaming User Experiences
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Computer Society/Smart Manufacturing Standards Committee
P2879

General Principles for Assessment of a Smart Factory
Recommendation: Approve request for an extension until 31 December 2026.

P2975.1

Standard for Industrial Artificial Intelligence (AI) Data Attributes
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Computer Society/Standards Activities Board Standards Committee
P2796.1

Standard for Data Requirements for Internet of Food (IoF) Systems
Recommendation: Approve request for an extension until 31 December 2026.

P2796.2

Standard for Data Exchange Architecture and Interface Requirements for Internet of Food (IoF) Systems
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Consumer Technology Society/Emerging Technology Standards Committee
P3141

Standard for 3D Body Processing
Recommendation: Approve request for an extension until 31 December 2025.

IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee
P11073-10101c

Health informatics -- Device interoperability -- Part 10101: Point-of-Care Medical Device Communication --
Nomenclature Amendment 3: Additional definitions
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Power and Energy Society/Electric Machinery
P95

Recommended Practice for Insulation Testing of AC Electric Machinery with High Direct Voltage
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Power and Energy Society/Power System Relaying and Control
PC37.95

Guide for Protective Relaying of Utility-Consumer Interconnections
Recommendation: Approve request for an extension until 31 December 2026.

PC37.113

Guide for Protective Relay Applications to Transmission Lines
Recommendation: Approve request for an extension until 31 December 2026.

PC37.114

Guide for Determining Fault Location on AC Transmission and Distribution Lines
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Power and Energy Society/Substations Committee
P1527

Recommended Practice for Seismic Design of Substation Buswork
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Power and Energy Society/Surge Protective Devices Committee
PC62.92.4

Guide for the Application of Neutral Grounding in Electrical Utility Systems--Part IV: Distribution
Recommendation: Approve request for an extension until 31 December 2026.

IEEE Power and Energy Society/Switchgear
PC37.01

Standard for High Voltage Direct Current Circuit Breakers above 3200 Vdc
Recommendation: Approve request for an extension until 31 December 2026. (Abstain: D. Edwards)

IEEE Power and Energy Society/Transmission and Distribution
P987

Guide for Application of Composite Insulators for Overhead Electric Power Lines
Recommendation: Approve request for an extension until 31 December 2026.

P1159.3

Recommended Practice for Power Quality Data Interchange Format (PQDIF)
Recommendation: Approve request for an extension until 31 December 2025.

P1283

Guide for Determining the Effects of Elevated Temperature Operation on Conductors, Connectors, and Accessories
Recommendation: Approve request for an extension until 31 December 2026.

P1882

Guide for Establishing, Benchmarking and Maintaining a Work Program for Energized Transmission Lines
Recommendation: Approve request for an extension until 31 December 2025.

IEEE Robotics and Automation Society/Standing Committee for Standards
P2817

Guide for Verification of Autonomous Systems
Recommendation: Approve request for an extension until 31 December 2025.

IEEE SA Board of Governors/Distributed Generation, Energy Storage and Interoperability Standards Committee
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 request for an extension until 31 December 2026.

IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee
P2890

Recommended Practice for Provenance of Indigenous Peoples' Data
Recommendation: Approve request for an extension until 31 December 2026.

4.4 New PARs
There was a bucket motion to approve P3420.1, P1959, P1960, P3497, P3221.02, P3404.1, P802.15.4ae, P802.15.9a, P2675.2, P2418.12, P3829, P3528, P61886.2-2023/Cor 1, PN42.37, P1686-2022/Cor 1, PC37.92-2023/Cor 1, PC37.234a, P7009.1, and P3534 based on the fact that preliminary votes have no objections to recommending approval and there are no unresolved NesCom member comments. The motion was approved.

IEEE Broadcast Technology Society/Broadcast Technology Standards Committee
P3420.1

Standard for Encapsulation and Formatting of Sampled Baseband Signals for Carriage via IEEE 3420 Aggregated Content Delivery Link Protocol
Recommendation: Approve new PAR until December 2028.

IEEE Communications Society/Green ICT Standards Committee
P1959

Standard for Metrics for Energy Efficiency in Machine Learning Hardware Architectures and Systems
Recommendation: Approve new PAR until December 2028.

P1960

Guide for Energy Efficiency in Machine Learning Hardware Architectures and Systems
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/Artificial Intelligence Standards Committee
P3497

Standard for Performance Benchmarking of Artificial Intelligence for Database Management Systems for Structured Query Language-based Databases
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/Blockchain and Distributed Ledgers
P3221.02

Standard for Blockchain Cross-Chain Gateways—Technical Specifications
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/Data Compression Standards Committee
P3404.1

Standard for Requirements and Framework for the Interconnection Between Multiple Data Centers for Productivity Services
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/LAN/MAN Standards Committee
P802.15.4ae

IEEE Standard for Low-Rate Wireless Networks Amendment: Ascon cryptographic algorithms
Recommendation: Approve new PAR until December 2028.

P802.15.9a

IEEE Standard for Transport of Key Management Protocol Datagrams Amendment: Additional Key Management Protocol
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/Smart Manufacturing Standards Committee
P2671.1
Standard for Connectivity Requirements for Online Detection Based on Machine Vision in Intelligent Manufacturing
Recommendation: Approve new PAR until December 2028. (Abstain: G. Hiertz)

There was a motion to approve the recommendation for P1900.2. The motion was approved with one abstention by G. Hiertz.

IEEE Computer Society/Software & Systems Engineering Standards Committee
P2675.1
Standard for System Reliability Engineering—Building Automation to Support Continuous Operations
Recommendation: Defer consideration of P2675.1 to the December 2024 NesCom agenda to allow time for the PAR submitters to make edits to the PAR. (Vote: Yes=12; No=0)

There was a motion to defer P2675.1 to the December NesCom agenda. The motion was approved with a vote of 12=Yes and 0=No.

P2675.2
Standard for Systems Observability across DevOps
Recommendation: Approve new PAR until December 2028.

IEEE Computer Society/Standards Activities Board Standards Committee
P2418.12
Standard for Agricultural Products Supply Chain Distributed Ledger Technology
Recommendation: Approve new PAR until December 2028.

IEEE Consumer Technology Society/Digital Finance and Economy Standards Committee
P3829
Standard for a Framework for Privacy Algorithm Trading based on Blockchain for Industrial Service
Recommendation: Approve new PAR until December 2028.

P3830
Standard for a Privacy-Preserving Platform for the Circulation of Electric Energy Consumption Data
Recommendation: Approve new PAR until December 2028.

There was a motion to approve the recommendation for P3830. In the absence of any objection or abstention, the motion was approved.

IEEE Consumer Technology Society/Emerging Technology Standards Committee
P3533
Recommended Practice for the Performance Evaluation of Software for Smart Television Sets
Recommendation: Approve new PAR until December 2028.

There was a motion to approve the recommendation for P3533. In the absence of any objection or abstention, the motion was approved.

IEEE Education Society/Standards Committee
P3528
Guide for Cyber Informed Engineering Curricula
Recommendation: Approve new PAR until December 2028.

IEEE Industry Applications Society/Petroleum & Chemical Industry
P61886.2-2023/Cor 1
IEEE/IEC Approved Draft International Standard - Subsea Power Transformers - Corrigendum 1
Recommendation: Approve new PAR until December 2028.

IEEE Instrumentation and Measurement Society/TC45 - Radiation and Nuclear Instrumentation and Systems
PN42.37
Standard for Training for the Radiological/Nuclear Detection Mission
Recommendation: Approve new PAR until December 2028.

IEEE Power and Energy Society/Power System Communications and Cybersecurity
P1686-2022/Cor 1
IEEE Standard for Intelligent Electronic Devices Cybersecurity Capabilities - Corrigendum 1
Recommendation: Approve new PAR until December 2028.

IEEE Power and Energy Society/Power System Relaying and Control
PC37.92-2023/Cor 1
IEEE Standard for Low-Energy Analog Interfaces between Protective Relays and Power System Signal Sources - Corrigendum 1
Recommendation: Approve new PAR until December 2028.

PC37.234a
IEEE Guide for Protective Relay Applications to Power System Buses: Amendment for Protecting Ungrounded Buses with Large Shunt Capacitance Unbalance
Recommendation: Approve new PAR until December 2028.

IEEE Reliability Society/IEEE Reliability Society Standards Committee
P7009.1
Standard for Safety Management of Autonomous and Semi-Autonomous Systems—Interventions in the Event of Anomalous Behavior
Recommendation: Approve new PAR until December 2028.

IEEE Vehicular Technology Society/Intelligent Transportation Systems
P3534
Standard for Operational and Safety Requirements for Autonomous Vehicles in Port Environments
Recommendation: Approve new PAR until December 2028.

4.5 PARs for the Revision of Standards
There was a bucket motion to approve P802.11, PC62.82.1, P1232, and P1609.2.1 based on the fact that preliminary votes have no objections to recommending approval and there are no unresolved NesCom member comments. In the absence of objection or abstention, the motion was approved.

IEEE Computer Society/LAN/MAN Standards Committee
P802.11
Standard for Information Technology—Telecommunications and Information Exchange Between Systems — Local and Metropolitan Area Networks—Specific Requirements—Part 11: Wireless Local Area Network (LAN) Medium Access Control (MAC) and Physical Layer (PHY) Specifications
Recommendation: Approve PAR for the revision of a standard until December 2028. (Recuse: G. Hiertz)

IEEE Power and Energy Society/Surge Protective Devices Committee
PC62.82.1
Standard for Insulation Coordination--Definitions, Principles, and Rules
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE SA Board of Governors/SCC20 - Test and Diagnosis for Electronic Systems
P1232
Standard for System Diagnostic Data and Services
Recommendation: Approve PAR for the revision of a standard until December 2028.

IEEE Vehicular Technology Society/Intelligent Transportation Systems
P1609.2.1
Standard for Wireless Access in Vehicular Environments (WAVE) - Certificate Management Interfaces for End Entities
Recommendation: Approve PAR for the revision of a standard until December 2028.

5. Old Business
There was no old business.

6. New Business
There was no new business.

7. Next Meeting
The next meeting will be a hybrid meeting. It is scheduled for 9 December 2024 and will be held at the Bridgewater Marriott in Bridgewater, NJ (USA). Chair Wang asked NesCom members to submit new topic ideas for the December meeting no later than 2 December 2024 along with any supporting documentation to the NesCom Administrator.

8. Adjournment
The meeting was adjourned at 10:45 a.m. (UTC-4).