IEEE SA STANDARDS ASSOCIATION

IEEE SA Standards Board Standards Review Committee (RevCom) approved Meeting Minutes

8 September 2025
8:30 p.m. – 10:00 p.m. ET (UTC-4)
Teleconference

Members Present
Nehad El-Sherif
Travis Griffith
Deborah Hagar
Ron Hotchkiss
Thomas Koshy
Rui Li
Xiaohui Liu
Annette Reilly
Santhosh Sivasubramani
Donnie Swing
Keith Waters, Chair
Sha Wei

Members Absent
Yousef Kimiagar
Haiying Lu

Guests Present
Edward Au
Alfred Chen
Anthony Coyette
Doug Edwards
Latonia Gordon
Adam Healey
Ruiquan Jing
Kevin Lu
Paul Nikolich
Glenn Parsons
Robby Robson
Jon Rosdahl
Jessy Rouyer
Dan Sabin
Dorothy Stanley
Claire Topp (IEEE outside legal counsel)
Lei Wang

Staff Present

Christy Bahn
Teresa Belmont
Matt Ceglia
Chinmae Deshmukkh
Karen Evangelista, Administrator
Jon Goldberg
Dalisa Gonzalez
Jodi Haasz
Marissa Haight
Yvette Ho Sang
Patrycja Jarosz
Soo Kim
Michael Kipness
Vanessa Lalitte
Jiajia Liu
Sandra Maru
Suzanne Merten
Erin Morales
Dave Ringle
Pat Roder
Kierra Rudolph
Jennifer Santulli
Angela Thomas
Michelle Turner
Malia Zaman
Meng Zhao

1. CALL TO ORDER

Chair Waters called the meeting to order at 8:30 p.m. ET (UTC-4).

2. INTRODUCTIONS

There was a round of introductions by all present.

3. REVIEW AND APPROVAL OF AGENDA

There was a motion to approve the agenda. The motion was unanimously approved.

4. APPROVAL OF THE 18 JUNE 2025 MINUTES

There was a motion to approve the 18 June 2025 minutes. The motion was unanimously approved.

5. PROCOM LIAISON REPORT

Chair Waters gave a summary of the ProCom meeting. For more information, please see the ProCom meeting minutes.

6. ADMINISTRATIVE EXTENSIONS/WITHDRAWALS

IEEE Std 802.3-2022

There was a motion made by Koshy, seconded by Hotchkiss, to approve a two-year extension to continue to consider amendments to IEEE Std 802.3-2022 during this extension period. The motion was approved unanimously.

7. CONDITIONAL APPROVAL REPORT

IEEE Power and Energy Society/Transmission and Distribution

P2984/Draft 5.3
IEEE Draft Guide for Application of Direct Current (DC) Network Topology Protection in DC Distribution Grids

Recommendation: There was a motion made by Reilly, seconded by Hagar, for conditional approval based on an email being sent to all the balloters including the updated comment resolution for comment R2-1. The motion was approved unanimously.

The condition was met on 20 June 2025.

8. PROPOSED STANDARDS FOR REVIEW AND RECOMMENDATION

8.1. NEW

IEEE Communications Society/Access and Core Networks Standards Committee

P1904.4/Draft 3.1
IEEE Draft Standard for Service Interoperability in 25 Gb/s and 50 Gb/s Ethernet Passive Optical Networks

Recommendation: APPROVE

P1953.1/Draft 3
IEEE Draft Standard for Flexible Optical Service Unit for Optical Networks

Recommendation: APPROVE

IEEE Computer Society/Artificial Intelligence Standards Committee

P3378/Draft 6
IEEE Draft Standard for Framework and Process for Large-Scale Deep Learning Model Evaluation

Recommendation: APPROVE

IEEE Computer Society/Blockchain and Distributed Ledgers

P3231.01/Draft 5
IEEE Draft Standard for the Reference Architecture of Blockchain as a Service

Recommendation: APPROVE

P3231.02/Draft 6
IEEE Draft Standard for Reference Architecture of Blockchain Fusion Server

Recommendation: APPROVE

IEEE Computer Society/Data Compression Standards Committee
P3122/Draft 4
IEEE Draft Standard for Data Processing and Compression Framework for Internet of Things

Recommendation: APPROVE

P3366.1/Draft 5
IEEE Draft Standard for Geometry Point Cloud Compression

Recommendation: APPROVE

IEEE Computer Society/Digital Content Technology Standards Committee
P3079.3.1/Draft 2
IEEE Draft Standard for Service Application Programming Interfaces (APIs) for Digital Human Authoring and Visualization

Recommendation: APPROVE

IEEE Computer Society/LAN/MAN Standards Committee
P802.1AXdz/Draft 2.1
IEEE Draft Standard for Local and Metropolitan Area Networks--Link Aggregation Amendment: YANG for Link Aggregation

Recommendation: APPROVE

P802.1DP/Draft 3.3
IEEE Draft Standard for Local and Metropolitan Area Networks - Time-Sensitive Networking for Aerospace Onboard Ethernet Communications

Recommendation: APPROVE

P60802/Draft 3.4
IEC/IEEE Draft International Standard Time-Sensitive Networking Profile for Industrial Automation

Recommendation: DEFER to the October RevCom agenda due to coordination with IEC.

IEEE Computer Society/Microprocessor Standards Committee
P1722.1-2021/Cor 1/Draft 9
IEEE Draft Standard for Device Discovery, Connection Management, and Control Protocol for Time-Sensitive Networking System - Corrigendum 1 -Technical and Editorial Corrections:

Recommendation: APPROVE

IEEE Computer Society/Smart Manufacturing Standards Committee
P2806/Draft 1.0
IEEE Draft Standard for System Architecture of Digital Representation for Physical Objects in Factory Environments

Recommendation: APPROVE

P3121/Draft 3
IEEE Draft Standard for Non-intrusive State Monitoring Framework for Embedded Devices in Industrial Control Systems (ICSs)

Recommendation: APPROVE

IEEE Computer Society/Standards Activities Board Standards Committee
P3158.1/Draft 4
IEEE Draft Standard for Testing and Performance of a Trusted Data Matrix System

Recommendation: APPROVE

IEEE Computer Society/Test Technology
P2427/Draft 42
IEEE Draft Standard for Analog Defect Modeling and Coverage

Recommendation: APPROVE

IEEE Consumer Technology Society/Blockchain Standards Committee
P2147.1/Draft 1
IEEE Draft Standard for Requirements of Integrated Consortium Chain Station

Recommendation: APPROVE

IEEE Consumer Technology Society/Digital Finance and Economy Standards Committee
P3830/Draft 4.1
IEEE Draft Standard for a Privacy-Preserving Platform for the Circulation of Electric Energy Consumption Data

Recommendation: APPROVE

P3831/Draft 4.1
IEEE Draft Standard for Reference Architecture and Technical Requirements for Electricity Data Asset Management Platform

Recommendation: APPROVE

P3832/Draft 3.0
IEEE Draft Standard for General Requirements for Distributed Banking Financial Core Business Systems

Recommendation: APPROVE

P3834/Draft 2.2

IEEE Draft Standard for Energy Market Corpus Construction Framework for Large Language Models Training

Recommendation: APPROVE

P3835/Draft 1.1
IEEE Draft Standard for Digital Twin Technology Framework for Integrated Energy Systems

Recommendation: APPROVE

IEEE Consumer Technology Society/Emerging Technology Standards Committee
P3539/Draft 3
IEEE Draft Standard for General Requirements for Refueling Robot Systems

Recommendation: APPROVE

IEEE Electromagnetic Compatibility Society/Standards Development Committee
P473/Draft 6
IEEE Draft Recommended Practice for an Electromagnetic Site Survey (10 kHz to 40 GHz)

Recommendation: APPROVE [8=yes, 2=no (Griffith, Reilly), 0=abstain]

IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee
P11073-10207-2017/Cor 1/Draft 2
IEEE Draft Standard - Health Informatics - Point-of-Care Medical Device Communication Part 10207: Domain Information and Service Model for Service-Oriented Point-of-Care Medical Device Communication – Corrigendum 1

Recommendation: APPROVE

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee
P2023/Draft 5.1
IEEE Draft Standard for Digital Transformation Architecture and Framework

Recommendation: Conditionally approve based on the manual upload of the disposition status file.

P2805.2/Draft 0.6
IEEE Draft Standard for Data acquisition, Filtering and buffering Protocols for Edge Computing Node

Recommendation: APPROVE

P2992/Draft 3
IEEE Draft Recommended Practice for Data Expression, Exchange, and Processing in Smart Agriculture

Recommendation: APPROVE

IEEE Photonics Society/Standards Committee
P3461/Draft 12
IEEE Draft Standard for Smart Infrastructure with Fiber Optic Sensors

Recommendation: APPROVE

IEEE Power and Energy Society/Power System Relaying and Control
PC37.1.2/Draft 15
IEEE Draft Guide for Databases Used in Utility Automation Systems

Recommendation: APPROVE

PC37.251/Draft 28
IEEE Draft Standard for Common Protection and Control Settings or Configuration Data Format (COMSET)

Recommendation: APPROVE

IEEE Power and Energy Society/Transformers
PC57.12.60-2020/Cor 1/Draft 1
IEEE Draft Standard for Thermal Evaluation of Insulation Systems for Dry-Type Power and Distribution Transformers - Corrigendum 1

Recommendation: APPROVE

PC57.13.10/Draft 7.2
IEEE Draft Guide for Calibration of Energized Current Transformers for 34.5 kV and Below

Recommendation: APPROVE

PC57.170/Draft 03
IEEE Draft Guide for the Condition Assessment of Liquid Immersed Transformers, Reactors and Their Components

Recommendation: APPROVE

IEEE Power and Energy Society/Transmission and Distribution
P3192/Draft 1.2
IEEE Draft Guide for Corrosion Inspection and Evaluation of High-Voltage Direct Current (HVDC) Grounding Electrodes (±400 kV to ±1100 kV)

Recommendation: APPROVE

IEEE Robotics and Automation Society/Standing Committee for Standards
P2751/Draft 3
IEEE Draft Standard for 3D Map Data Representation for Robotics and Automation

Recommendation: APPROVE

IEEE SA Board of Governors/Entity Collaborative Activities Governance Board
P2899.1/Draft 6.7
IEEE Draft Standard for Speech Recognition and Interaction System for Smart Home — Engineering Specifications for a Listening Room

Recommendation: APPROVE

P2899.2/Draft 6.7
IEEE Draft Standard for Speech Recognition and Interaction System for Smart Home — Safety Requirements for Speech Control

Recommendation: APPROVE

P2899.3/Draft 6.7
IEEE Draft Standard for Speech Recognition and Interaction System for Smart Home — Collection Requirements of Corpus and Noise for Laboratory-Level Testing

Recommendation: APPROVE

P3365/Draft 3.3
IEEE Draft Guide for Test and Evaluation of on-board Lithium-based Batteries for Electric Vehicle (EV) Propulsion

Recommendation: APPROVE

IEEE SA Board of Governors/International Committee on Electromagnetic Safety
P62704-2a/Draft 1.8
IEEE/IEC Draft International Standard for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz to 6 GHz -- Part 2: Specific Requirements for Finite Difference Time Domain (FDTD) Modelling of Exposure from Vehicle Mounted Antennas Amendment 1

Recommendation: APPROVE

IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee
P2890/Draft 3
IEEE Draft Recommended Practice for Provenance of Indigenous Peoples Data

Recommendation: APPROVE

IEEE Vehicular Technology Society/Intelligent Transportation Systems
P3381/Draft 5.2
IEEE Draft Guide for Condition Evaluation of Electric Vehicle Supply Equipment (EVSE)

Recommendation: APPROVE

8.2. REVISION

IEEE Antennas and Propagation Society/Antennas and Propagation Standards Committee
P145/Draft 2.9
IEEE Draft Standard for Definitions of Terms for Antennas

Recommendation: APPROVE

IEEE Computer Society/Cybersecurity and Privacy Standards Committee

P1619.2/Draft 7
IEEE Draft Standard for Wide-Block Encryption for Shared Storage Media

Recommendation: APPROVE

IEEE Computer Society/LAN/MAN Standards Committee
P802.3.2/Draft 3.4
IEEE Draft Standard for Ethernet - YANG Data Model Definitions

Recommendation: APPROVE

IEEE Power and Energy Society/Nuclear Power Engineering Committee
P833/Draft 3
IEEE Draft Recommended Practice for the Protection of Electric Equipment in Nuclear Power Generating Stations from Water Hazards

Recommendation: APPROVE

IEEE Power and Energy Society/Power System Relaying and Control
PC37.119/Draft 4.1
IEEE Draft Guide for Power System Circuit Breaker Failure Protection

Recommendation: APPROVE

IEEE Power and Energy Society/Switchgear
PC37.74/Draft 4.3
IEEE Draft Standard Requirements for Subsurface, Vault, and Pad-mounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to and including 38 kV

Recommendation: APPROVE [9=yes, 0=no, 1=abstain (Swing)]

IEEE Power and Energy Society/Transformers
PC57.91/Draft 11
IEEE Draft Guide for Loading Mineral-Oil-Immersed Transformers and Step-Voltage Regulators

Recommendation: APPROVE

IEEE Power and Energy Society/Transmission and Distribution
P824/Draft 10
IEEE Draft Standard for Series Capacitor Banks in Power Systems

Recommendation: APPROVE

9. TELECONFERENCES

The next teleconference is scheduled for 22 October 2025. The submittal deadline is 12 September 2025.

10. OLD BUSINESS

There was no old business.

11. NEW BUSINESS

11.1 Review of RevCom Guideline documents

Due to changes in the IEEE SA Standards Board Operations Manual from the June meeting, the RevCom Guidelines document needs to be updated. The RevCom Chair gave the action item to have RevCom members, staff and guests come back to RevCom with revised language including: Doug Edwards, Karen Evangelista, Jodi Haasz, Annette Reilly, Dave Ringle, Robby Robson, and Keith Waters.

12. NEXT MEETING

The next in-person meeting is on 9 December 2025. The submittal deadline is 20 October 2025.

13. ADJOURNMENT

There being no further business, the meeting was adjourned at 9:35 p.m. ET (UTC-4).