

## **IEEE SA Standards Board Standards Review Committee (RevCom) unapproved Meeting Minutes**

**9 December 2025**

**1:00 p.m. – 4:00 p.m. ET (UTC-5)**

**Hybrid, Jersey City, NJ and Teleconference**

### **Members Present**

Travis Griffith  
Deborah Hagar  
Yousef Kimiagar  
Thomas Koshy  
Rui Li  
Xiaohui Liu  
Annette Reilly  
Donnie Swing  
Keith Waters, Chair

### **Members Absent**

Nehad El-Sherif  
Ron Hotchkiss  
Haiying Lu  
Santhosh Sivasubramani  
Sha Wei

### **Guests Present**

Hassan Abouseadu  
Jose Adrian Arroyo Aguilar  
Edward Au  
Ted Burse  
Xiaofeng Chen  
Gora Datta  
Doug Edwards  
James Gilb  
Latonia Gordon  
Luis Hernandez  
Guido Hiertz  
Julian Hurtado  
Nicos Ioannou  
Sarah Jennings  
David Law  
Joseph Levy  
Johnny Lin  
Kevin Lu  
Meng Lu

Hiroshi Mano  
Daleep Mohla  
N. Kishor Narang  
Paul Nikolich  
Glenn Parsons  
Robby Robson  
Jon Rosdahl  
Dan Sabin  
Dorothy Stanley  
Claire Topp (IEEE outside legal counsel)  
Michitaka Tsuda  
Lei Wang  
Constance Weise  
Menzo Wentink  
Ruichen Xia  
Isamu Yamada  
George Zimmerman

**Staff Present**

Julie Alessi  
Christy Bahn  
Teresa Belmont  
Kim Breitfelder  
Matt Ceglia  
Chinmae Deshmukh  
Karen Evangelista, Administrator  
Josh Gay  
Jon Goldberg  
Dalisa Gonzalez  
Jodi Haasz  
Yvette Ho Sang  
Patrycja Jarosz  
Soo Kim  
Michael Kipness  
Vanessa Lalitte  
Jiajia Liu  
Sandra Maru  
Suzanne Merten  
Karen Mulberry  
Christian Orlando  
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 1:00 p.m. ET (UTC-5).

## **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 8 September 2025 MINUTES**

There was a motion to approve the 8 September 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**

There were no administrative extensions or withdrawals.

## **7. CONDITIONAL APPROVAL REPORT**

IEEE Computer Society/LAN/MAN Standards Committee

P60802/Draft 3.4

IEC/IEEE Draft International Standard Time-Sensitive Networking Profile for Industrial Automation  
Recommendation: APPROVE

This is a joint development project with IEC. IEC is responsible for preparing the Final Draft International Standard (FDIS) and for providing it to IEEE. To date, this has not occurred. As it is unknown if the FDIS will contain any non-editorial updates since the last balloted draft within IEEE, it is premature for this submittal to be granted final approval by the IEEE SA Standards Board.

IEEE SA staff will not enter an SASB approval date in myProject until IEEE SA staff can verify that the FDIS does not contain any non-editorial updates.

Status: Delay in IEC ballot, reaffirm the condition for the SASB.

Recommendation: Conditional approval based on the IEC completing their ballot. The motion was approved unanimously.

## **8. PROPOSED STANDARDS FOR REVIEW AND RECOMMENDATION**

### **8.1. NEW**

#### **IEEE Communications Society/Green ICT Standards Committee**

##### **P1927.1/Draft 1.2**

IEEE Draft Standard for Services Provided by the Energy-Efficient Orchestration and Management of Virtualized Distributed Data Centers Interconnected by a Virtualized Network

**Recommendation:** APPROVE

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

##### **P1916.1/Draft 1**

IEEE Draft Standard for Software Defined Networking and Network Function Virtualization Performance

**Recommendation:** APPROVE

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

##### **P3379/Draft 5**

IEEE Draft Standard for Interfaces of Deep Learning Compiler on Artificial Intelligence

**Recommendation:** APPROVE

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

##### **P3240.04/Draft 5**

IEEE Draft Standard for Blockchain-Based Renewable Energy Certificates Trading Technical Specifications

**Recommendation:** APPROVE

#### **IEEE Computer Society/Learning Technology**

##### **P2247.4/Draft 3**

IEEE Draft Recommended Practice for Ethically Aligned Design of Artificial Intelligence (AI) in Adaptive Instructional Systems

**Recommendation:** APPROVE

#### **IEEE Computer Society/Software & Systems Engineering Standards Committee**

##### **P3407/Draft 4**

IEEE Draft Standard for End-to-End Software Testing Automation Tools

**Recommendation:** APPROVE

##### **P24748-7/Draft 3**

ISO/IEC/IEEE Systems and Software Engineering - Life Cycle Management - Part 7: Application of Systems Engineering on Defense Programs

**Recommendation:** APPROVE

##### **P24748-10/Draft 2**

ISO/IEC/IEEE Draft International Standard - Systems and Software Engineering - Life Cycle Management - Part 10: Guidelines for Systems Engineering Agility

**Recommendation:** APPROVE

**P26516/Draft 3**

Systems and Software Engineering - Development and Production of Instructional Videos

**Recommendation:** APPROVE

**IEEE Instrumentation and Measurement Society/TC39 - Measurements in Power Systems**

**P61869-21/Draft 2**

IEEE/IEC Draft Standard Uncertainty Evaluation in the Calibration of Instrument Transformers

**Recommendation:** APPROVE

**IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology**

**P3456.1/Draft 5**

IEEE Draft Standard for Testing Instruments for Deep foundations - Part 1: Low-Strain Testing Instruments

**Recommendation:** APPROVE

**P3456.2/Draft 5**

IEEE Draft Standard for Testing Instruments for Deep Foundations - Part 2: High-Strain Testing Instruments

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Power System Communications and Cybersecurity**

**P1686-2022/Cor 1/Draft 1.2**

IEEE Draft Standard for Intelligent Electronic Devices Cybersecurity Capabilities - Corrigendum 1

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Switchgear**

**PC37.100.6/Draft 11**

IEEE Draft Guide for Determination of Test Specimens for Seismic Qualification for Building Code Applications

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Transformers**

**PC57.162/Draft 9**

IEEE Draft Guide for the Interpretation of Moisture Related Parameters in Liquid Immersed Transformers and Reactors

**Recommendation:** APPROVE

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

**P2974/Draft 7**

IEEE Draft Guide for System Commissioning of Medium and Low (750 V to  $\pm 50$  kV) Voltage Direct Current Distribution Network

**Recommendation:** APPROVE

**P3336/Draft 3.2**

IEEE Draft Guide for Vibration Tests for Aircraft Warning Marker Balls on Overhead Transmission Lines

**Recommendation:** APPROVE

**IEEE SA Board of Governors/Entity Collaborative Activities Governance Board**

**P3115/Draft 2.2**

IEEE Draft Guide for the Technical Specification of 5G (5th Generation Mobile Network) Power Communication Terminal

**Recommendation:** APPROVE

**IEEE Systems, Man, and Cybernetics Society/Standards Committee**

**P2814/Draft 3**

IEEE Draft Recommended Practice for Techno-Economic Metrics of Grid Power Generators and Energy Storage Systems

**Recommendation:** APPROVE

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

**P3143/Draft 5.5**

IEEE Draft Standard for Electric Traction System for Short Primary Maglev Vehicle

**Recommendation:** APPROVE

**IEEE Vehicular Technology Society/Intelligent Transportation Systems**

**P2846a/Draft 1**

IEEE Draft Standard for Assumptions in Safety-Related Models for Automated Driving Systems Amendment 1

**Recommendation:** APPROVE

## 8.2. REVISION

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

**P802.1AS/Draft 2.1**

IEEE Draft Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications

**Recommendation:** APPROVE

**IEEE Computer Society/Microprocessor Standards Committee**

**P1722/Draft 9**

IEEE Draft Standard for a Transport Protocol for Time-Sensitive Applications in Bridged Local Area Networks

**Recommendation:** APPROVE

**IEEE Computer Society/Software & Systems Engineering Standards Committee  
P24748-4/Draft 3**

ISO/IEC/IEEE Draft International Standard - Systems and Software Engineering - Life Cycle Management – Part 4: Systems Engineering Management Planning

**Recommendation:** APPROVE

**IEEE Computer Society/Test Technology  
P1581/Draft 2.22**

IEEE Draft Standard for Static Component Interconnection Test Protocol and Architecture

**Recommendation:** APPROVE

**IEEE Dielectrics and Electrical Insulation Society/Standards Committee  
P1043/Draft 10**

IEEE Draft Recommended Practice for Voltage-Endurance Testing of Form-Wound Bars and Coils

**Recommendation:** APPROVE

**IEEE Industry Applications Society/Petroleum & Chemical Industry  
P60079-30-1/Draft 13**

IEC/IEEE Draft International Standard - Explosive Atmospheres - Part 30-1: Electrical Resistance Trace Heating - General and Testing Requirements

**Recommendation:** APPROVE

**P60079-30-2/Draft 10**

IEC/IEEE Draft International Standard for Explosive Atmospheres - Part 30-2: Electrical Resistance Trace Heating - Application Guide for Design, Installation and Maintenance

**Recommendation:** APPROVE

**IEEE Instrumentation and Measurement Society/TC10 - Waveform Generation  
Measurement and Analysis  
P181/Draft 13**

IEEE Draft Standard for Transitions, Pulses, and Related Waveforms

**Recommendation:** APPROVE

**P1696/Draft 3**

IEEE Draft Standard for Terminology and Test Methods for Circuit Probes

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee  
P1188/Draft 16**

IEEE Draft Recommended Practice for Maintenance, Testing, and Replacement of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Insulated Conductors**

**P386/Draft 37**

IEEE Draft Standard for Shielded Separable Insulated Connectors for Classes 15 kV through 35 kV

**Recommendation:** APPROVE

**P495/Draft 5**

IEEE Draft Standard for Testing Faulted Circuit Indicators

**Recommendation:** APPROVE

**P1142/Draft 5.4**

IEEE Draft Guide for the Selection, Testing, Application, and Installation of 300 V to 500 kV Cables Having Radial-Moisture Barriers and/or Longitudinal Water Blocking

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Power System Relaying and Control**

**PC57.13.3/Draft 2.5**

IEEE Draft Guide for Grounding of Instrument Transformer Secondary Circuits and Cases

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Surge Protective Devices Committee**

**PC62.41.2/Draft 4**

IEEE Draft Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and less) AC Power Circuits

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Switchgear**

**PC37.06.1/Draft 3**

IEEE Draft Recommended Practice for Preferred Ratings for High-Voltage (>1000 V) AC Circuit Breakers Designated Definite Purpose for Fast Transient Recovery Voltage Rise Times

**Recommendation:** APPROVE

**PC37.10/Draft 5.2**

IEEE Draft Recommended Practice for Investigation, Analysis, and Reporting of Failures of AC High-Voltage Circuit Breakers and Circuit Switchers with Rated Maximum Voltage Above 1000 V

**Recommendation:** APPROVE

**PC37.14/Draft 7**

IEEE Draft Standard for Low-Voltage DC (3200 V and below) Power Circuit Breakers Used in Enclosures

**Recommendation:** APPROVE

**PC37.20.2/Draft 4**

IEEE Draft Standard for Metal-Clad Switchgear

**Recommendation:** APPROVE

**PC37.20.9/Draft 7**

IEEE Draft Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems

**Recommendation:** APPROVE

**PC37.24/Draft 10**

IEEE Draft Guide for Evaluating the Effect of Solar Radiation on Outdoor Switchgear

**Recommendation:** APPROVE

**PC37.82/Draft 2**

IEEE Draft Standard for the Qualification of Switchgear Assemblies for Class 1E Applications in Nuclear Power Generating Stations

**Recommendation:** APPROVE

**IEEE Power and Energy Society/Transformers**

**PC57.142/Draft 15**

IEEE Draft Guide to Describe the Occurrence and Mitigation of Switching Transients Induced by Transformers, Switching Device, and System Interaction

**Recommendation:** APPROVE

**PC57.146/Draft 4**

IEEE Draft Guide for Interpretation of Gases Generated in Silicone-Immersed Transformers

**Recommendation:** APPROVE

**IEEE Vehicular Technology Society/Intelligent Transportation Systems**

**P1609.2/Draft 5**

IEEE Draft Standard for Wireless Access in Vehicular Environment - Security Services for Application and Management Messages

**Recommendation:** APPROVE

## **9. TELECONFERENCES**

The next teleconference is scheduled for 28 January 2026. The submittal deadline is 19 December 2025.

**10. OLD BUSINESS**

There was no old business.

**11. NEW BUSINESS**

There was no new business.

**12. NEXT MEETING**

The next in-person meeting is on 25 March 2026. The submittal deadline is 13 February 2026.

**13. ADJOURNMENT**

There being no further business, the meeting was adjourned at 1:46 p.m. ET (UTC-5).