

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

22 September 2020
10:00 a.m. – 1:00 p.m. ET (UTC-4)
Teleconference

Members

Travis Griffith, Chair
Thomas Koshy
David Law
Howard Li
Johnny Lin
Xiaohui Liu
Damir Novosel
Jon Rosdahl
Keith Waters
Howard Wolfman

Members Absent

Grace Gu
Ming Li

Guests

Roger Daugherty
Don Dunn
Jean-Philippe Faure
Latonia Gordon
Gary Hoffman
John Kulick
Kevin Lu
Jim Matthews
Francois Ortolan
Robby Robson
Dorothy Stanley
Claire Topp (legal counsel)
Yvonne Umutoni
Don Wright
Yu Yuan
Jingyi Zhou

Staff

Christy Bahn
Adrien Barmaksiz
Matt Ceglia

Karen Evangelista, Administrator
Josh Gay
Yvette Ho Sang
Konstantinos Karachalios
Soo Kim
Mike Kipness
Vanessa Lalitte
Kelly Lorne
Jiajia Liu
Erin Morales
Adam Newman
Christian Orlando
Dave Ringle
Pat Roder
Anasthasie Sainvilus
Jennifer Santulli
Alpesh Shah
Angela Thomas
Tom Thompson
Michelle Turner
Lisa Weisser
Malia Zaman
Meng Zhao

1. CALL TO ORDER

Chair Griffith called the meeting to order at 10:00 a.m. ET (UTC-4).

2. INTRODUCTIONS

There was a round of introductions by all present.

3. REVIEW AND APPROVAL OF THE AGENDA

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

4. SAFETY MOMENT

Chair Griffith reviewed safety and emergency procedures.

5. CONDITIONAL APPROVAL REPORT

6. ADMINISTRATIVE EXTENSIONS AND WITHDRAWALS

7. PROPOSED STANDARDS FOR REVIEW AND RECOMMENDATION

7.1. NEW

There was a motion (Novosel), seconded (Koshy), to recommend approval of the following standards as all votes are for unanimous approval: P1937.1, P1906.1.1, P802E, P802.1Qcr, P802.15.22.3, P3652.1, P3079, P2660.1, P2760, P2747, P2821, P1528.7, P62704-4, and PC95.1-2019/Cor 2. The motion was approved unanimously.

IEEE Communications Society/Access and Core Networks Standards Committee

P1910.1/Draft 3

IEEE Draft Standard for Meshed Tree Bridging with Loop Free Forwarding
Recommendation: Conditional approval based on Standards Board approval of the Modified PAR for P1910.1.

P1937.1/Draft 7.0

IEEE Draft Standard Interface Requirements and Performance Characteristics for Payload Devices in Drones
Recommendation: APPROVE

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

P1906.1.1/Draft 3

IEEE Draft Standard Data Model for Nanoscale Communication Systems
Recommendation: APPROVE

IEEE Computer Society/LAN/MAN Standards Committee

P802E/Draft 2.0

IEEE Draft Recommended Practice for Privacy Considerations for IEEE 802 Technologies
Recommendation: APPROVE

P802.1Qcr/Draft 2.3

IEEE Draft Standard for Local and Metropolitan Area Networks - Bridges and Bridged Networks Amendment: Asynchronous Traffic Shaping
Recommendation: APPROVE

P802.15.22.3/Draft 8

IEEE Draft Standard for Spectrum Characterization and Occupancy Sensing
Recommendation: APPROVE

IEEE Computer Society/Learning Technology

P3527.1/Draft 3

IEEE Draft Standard for Digital Intelligence (DQ) - Framework for Digital Literacy, Skills and Readiness
Recommendation: APPROVE

P3652.1/Draft 6.1

IEEE Draft Guide for Architectural Framework and Application of Federated Machine Learning
Recommendation: APPROVE

IEEE Computer Society/Software & Systems Engineering Standards Committee
[P12207-2/Draft 3](#)

ISO/IEC/IEEE Draft International Standard - Systems and Software Engineering - Software Life Cycle Processes - Part 2: Relation and Mapping between ISO/IEC/IEEE 12207-1:2017 and ISO/IEC/IEEE 12207:2008

Recommendation: Conditional approval based on Standards Board approval of the Modified PAR for P12207-2.

IEEE Computer Society/Standards Activities Board
[P3079/Draft 2](#)

IEEE Draft Standard for Head Mounted Display (HMD) Based Virtual Reality (VR) Sickness Reduction Technology

Recommendation: APPROVE

IEEE Consumer Electronics Society/Blockchain Standards Committee
[P2140.1/Draft 3](#)

IEEE Draft Standard for General Requirements for Cryptocurrency Exchanges

Recommendation: APPROVE

IEEE Consumer Electronics Society/Standards Committee
[P2813/Draft 3](#)

IEEE Draft Standard for Big Data Business Security Risk Assessment (BD BSRA)

Recommendation: APPROVE

IEEE Electromagnetic Compatibility Society/Standards Development Committee
[P370/Draft 8](#)

IEEE Draft Standard for Electrical Characterization of Printed Circuit Board and Related Interconnects at Frequencies up to 50GHz

Recommendation: APPROVE

IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee
[P11073-40101/Draft 5](#)

IEEE Draft Standard - Health Informatics - Device Interoperability - Part 40101: Cybersecurity - Processes for Vulnerability Assessment

Recommendation: APPROVE

[P11073-40102/Draft 4](#)

IEEE Draft Standard - Health Informatics - Device Interoperability - Part 40102: Cybersecurity - Capabilities for Mitigation

Recommendation: APPROVE

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee
[P2660.1/Draft 3](#)

IEEE Draft Recommended Practices on Industrial Agents: Integration of Software Agents and Low Level Automation Functions

Recommendation: APPROVE

**IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards
Development Committee**

[P3004.3/Draft 3](#)

IEEE Draft Recommended Practice for the Application of Low-Voltage Fuses in Industrial
and Commercial Power Systems

Recommendation: APPROVE

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

[P2414/Draft 2.3](#)

IEEE Draft Standard for Jitter and Phase Noise

Recommendation: APPROVE

**IEEE Power and Energy Society/Energy Development & Power Generation
P2760/Draft 8**

IEEE Draft Guide for Wind Power Plant Grounding System Design for Personnel Safety

Recommendation: APPROVE

**IEEE Power and Energy Society/Transmission and Distribution
P2747/Draft 7**

IEEE Draft Guide for Energy Efficiency Technology Evaluation of Electric Power Fittings

Recommendation: APPROVE

[P2821/Draft 6](#)

IEEE Draft Guide for Unmanned Aerial Vehicle-Based Patrol Inspection System for
Transmission Lines

Recommendation: APPROVE

**IEEE Vehicular Technology Society/Intelligent Transportation Systems
P1609.2.1/Draft 15**

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

Recommendation: Conditional approval pending the completion of the documents
required to launch both registries included in the standard.

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

[P1528.7/Draft 2](#)

IEEE Draft Guide to Assess the Electromagnetic Fields (EMF) Exposure of Internet of
Things (IoT) Technologies/ Solutions

Recommendation: APPROVE

[P62704-4/Draft 4](#)

IEC/IEEE International Draft Standard - Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz: Part 4: General Requirements for Using the Finite Element Method (FEM) for SAR Calculations

Recommendation: APPROVE

[PC95.1-2019/Cor 2/Draft 2](#)

IEEE Draft Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz - Corrigendum 2: PC95.1-2019_Cor2

Recommendation: APPROVE

7.2. REVISION

Whereas the following projects have a unanimous approval and no outstanding comments during the Open Review Period, there is a motion (Wolfman), seconded (Waters) to recommend approval of the following Projects: P952, P356, P1502, P1901, P1484.12.1, P24748-3, P1826, P336, P60980-344, P1623, PC62.92.5, PC62.31, PC62.41.3, PC37.121, PC57.12.01, PC57.12.70, PC57.148, and P62209-1528. The motion was approved unanimously.

[IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel](#)

[P952/Draft 9](#)

IEEE Draft Standard Specification Format Guide and Test Procedure for Single-Axis Interferometric Fiber Optic Gyros

Recommendation: APPROVE

[IEEE Antennas and Propagation Society/Antennas and Propagation Standards Committee](#)

[P356/Draft 4.2](#)

IEEE Draft Guide for Measurements of Electromagnetic Properties of Earth Media

Recommendation: APPROVE

[P1502/Draft 4.3](#)

IEEE Draft Recommended Practice for Radar Cross-Section Test Procedures

Recommendation: APPROVE

[IEEE Communications Society/Power Line Communications](#)

[P1901/Draft 4.2](#)

IEEE Draft Standard for Broadband over Power Line Networks: Medium Access Control and Physical Layer Specifications

Recommendation: APPROVE

[IEEE Computer Society/Learning Technology](#)

[P1484.11.2/Draft 6](#)

IEEE Draft Standard for Learning Technology - ECMAScript Application Programming Interface for Content to Runtime Services Communication

Recommendation: APPROVE

[P1484.12.1/Draft 8](#)

IEEE Draft Standard for Learning Object Metadata

Recommendation: APPROVE

[IEEE Computer Society/Software & Systems Engineering Standards Committee](#)

[P24748-3/Draft 3](#)

ISO/IEC/IEEE Draft International Standard - Systems and Software Engineering-Life Cycle Management-Part 3: Guidelines for the Application of ISO/IEC/IEEE 12207 (Software Life Cycle Processes)

Recommendation: APPROVE

Jon Rosdahl assumed the Chair.

[IEEE Industry Applications Society/Petroleum & Chemical Industry](#)

[P841/Draft 7](#)

IEEE Draft Standard for Petroleum and Chemical Industry - Premium-Efficiency, Severe-Duty, Totally Enclosed Squirrel Cage Induction Motors - 0.75-370 kW (1-500 hp)

Recommendation: DEFER [3=yes, 2=no, 1=recuse (Griffith)]

There was a motion to defer with the recommendation to work with the two mentors (Law, Koshy) to address RevCom's concerns.

The IEEE Standards Board passed the following motion:

DISAPPROVE with the remedy that:

[1] The scope of the draft be brought into alignment with the scope of the PAR by:

[a] removing the content of the draft outside the scope of the PAR and then conducting recirculation ballots as necessary; or

[b] submitting a PAR modification request to expand the scope of the PAR to match the scope of the draft, forming a new balloting group due to the expanded PAR scope, and then conducting the entire balloting process on the draft using the new balloting group; or

[c] referring to the Standards Committee (IAS/PCIC) to evaluate if the scope of the draft standard is within the scope of work authorized by the PAR

[2] Follow the guidelines for 'Notification Why Comments Associated with a Negative Vote were not Recirculated' found in the RevCom 'Guide for the Submittal of Proposed Standards' for any comments associated with a negative vote that have not been shown to the balloting group via a recirculation ballot.

Two mentors are appointed (Law, Koshy)

Chair Griffith resumed the chair.

[P1826/Draft 3.6](#)

IEEE Draft Standard for Power Electronics Open System Interfaces in Zonal Electrical Distribution Systems Rated Above 100 kW

Recommendation: APPROVE

IEEE Power and Energy Society/Insulated Conductors

[P1637/Draft 4](#)

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

Recommendation: APPROVE

IEEE Power and Energy Society/Nuclear Power Engineering

[P336/Draft 4](#)

IEEE Draft Recommended Practice for Installation, Inspection, and Testing for Class 1E Power, Instrumentation, and Control Equipment at Nuclear Facilities

Recommendation: APPROVE

[P60980-344/Draft D2](#)

IEEE/IEC International Draft Standard - Nuclear Facilities - Equipment Important to Safety – Seismic Qualification

Recommendation: APPROVE

IEEE Power and Energy Society/Substations

[P1623/Draft 6](#)

IEEE Draft Guide for the Functional Specification of Medium Voltage (1 kV - 35 kV) Electronic Shunt Devices for Dynamic Voltage Compensation

Recommendation: APPROVE

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

[PC62.92.5/Draft 4](#)

IEEE Draft Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part V - Transmission Systems and Subtransmission Systems

Recommendation: APPROVE

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

[PC62.31/Draft 8](#)

IEEE Draft Standard for Test Methods and Preferred Values for Low-Voltage Gas Discharge Tube Surge-Protective Components

Recommendation: APPROVE

[PC62.41.3/Draft 5](#)

IEEE Draft Guide for Interactions between Power System Disturbances and Surge Protective Devices

Recommendation: APPROVE

IEEE Power and Energy Society/Switchgear

[PC37.121/Draft 1.6](#)

IEEE Draft Guide for Switchgear - Unit Substation - Requirements
Recommendation: APPROVE

IEEE Power and Energy Society/Transformers

PC57.12.01/Draft 10

IEEE Draft Standard for General Requirements for Dry-Type Distribution and Power Transformers
Recommendation: APPROVE

PC57.12.70/Draft 4.1

IEEE Draft Standard for Standard Terminal Markings and Connections for Distribution and Power Transformers
Recommendation: APPROVE

PC57.12.91/Draft 6

IEEE Draft Standard Test Code for Dry-Type Distribution and Power Transformers
Recommendation: APPROVE

PC57.148/Draft 9

IEEE Draft Standard for Control Cabinets for Power Transformers
Recommendation: APPROVE

IEEE Power and Energy Society/Transmission and Distribution

P1531/Draft 5

IEEE Draft Guide for Application and Specification of Harmonic Filters
Recommendation: APPROVE

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

P62209-1528/Draft 5

IEC/IEEE Draft International Standard - Measurement Procedures for the Assessment of Specific Absorption Rate (SAR) of Human Exposure to Radio Frequency Fields From Hand-Held and Body-Worn Wireless Communication Devices (Frequency Range of 4 MHz to 10 GHz)
Recommendation: APPROVE

8. NEW BUSINESS

8.1 RevCom Guidelines

David Law started a discussion about revising the RevCom Guidelines to address the issue of when there are editorial comments in the last round of balloting and they are rejected. It was decided that more education is needed for our Working Groups.

9. NEXT MEETING

The next meeting is scheduled for 2 December 2020. The submittal deadline is 13 October 2020.

10. ADJOURNMENT

There being no further business, the meeting was adjourned at 12:00 p.m. ET (UTC-4).