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
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
Recommendation: APPROVE
IEEE Computer Society/Software & Systems Engineering Standards Committee
P12207-2/Draft 3
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
Recommendation: APPROVE

P2821/Draft 6
Recommendation: APPROVE

IEEE Vehicular Technology Society/Intelligent Transportation Systems
P1609.2.1/Draft 15
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
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
IEEE Draft Standard for Learning Object Metadata
Recommendation: APPROVE

IEEE Computer Society/Software & Systems Engineering Standards Committee
P24748-3/Draft 3
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
Recommendation: APPROVE

IEEE Power and Energy Society/Surge Protective Devices/High Voltage
PC62.92.5/Draft 4
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).