

## IEEE-SA Standards Board Meeting Minutes – September 2015

**IEEE-SA Standards Board  
Meeting Minutes  
03 September 2015  
New Otani Hotel, Tokyo, Japan**

Attendees:

**Chair:**

John Kulick

**Vice Chair:**

Jon Rosdahl

**Past Chair:**

Rich Hulett

**Secretary:**

Konstantinos Karachalios

**Members:**

Masayuki Ariyoshi

Ted Burse

Stephen Dukes [TAB Rep.]

Jean-Philippe Faure

Travis Griffith

Gary Hoffman

Michael Janezic

David Law

Hung Ling

Andrew Myles

Ted Olsen

Glenn Parsons

Ron Petersen

Annette Reilly

Steve Shellhammer

Adrian Stephens

Yatin Trivedi

Philip Winston

Don Wright

## IEEE-SA Standards Board Meeting Minutes – September 2015

Yu Yuan (Part-time via phone)  
Daidi Zhong

Jim Matthews, IEC Liaison

### **Members Absent:**

Joe Koepfinger, Member Emeritus  
Dick DeBlasio, DOE Liaison

### **IEEE Staff:**

Karen Evangelista  
Mary Ellen Hanntz  
Yvette Ho Sang  
Karen Kenney  
Soo Kim  
Eileen Lach  
Maira Patterson  
Dave Ringle, Recording Secretary  
Sam Sciacca  
Erin Spiewak  
Walter Sun  
Lisa Weisser

### **IEEE Outside Legal Counsel:**

Claire Topp

### **Guests:**

Osama Aboul-Magd  
Chuck Adams  
Carole Carey  
Shinji Fukatsu, Government Observer (MIC)  
James Gilb  
Daniel Hermele  
Junko Iwasaki  
Dina Kallay  
Bruce Kraemer  
Xiaohui Liu  
Gil Ohana  
Gary Robinson  
Mehmet Ulema, ComSoc/ComSoc Standards Board Liaison  
Yingli Wen  
Phil Wennblom

Chair Kulick called the meeting to order at 8:02 a.m.

Chair Kulick welcomed all attendees to the meeting.

There was a round of introductions by all present.

## **2**            [Agenda](#)

2.1            Approval of Agenda

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

2.2            Consent Agenda

2.2.1        Approval of 11 June 2015 SASB Meeting [Minutes](#)

2.2.2        Approval of 02 July 2015 SASB Special Meeting [Minutes](#)

2.2.3        AudCom Recommendations

Accepted (standards work authorized):

- SEN/SC            IEEE Sensors Council/Standards Committee
- SMC/SC            IEEE Systems, Man, and Cybernetics Society/Standards Committee

2.2.4        ICom Recommendations

New Industry Connections Activity Approval

### **IC15-003 Smart City Compliance Indicators**

ICAID: <https://iee-sa.centraldesktop.com/p/eAAAAAAG2OdAAAAEZPeWU>

***Recommendation: Approve***

2.2.5        NesCom Recommendations

Withdrawal Requests

**IEEE-SA Board of Governors/Corporate Advisory Group**

### **P2100.1**

Standard Specifications for Wireless Power and Charging Systems

***Recommendation: Approve PAR withdrawal***

**IEEE Computer Society/Learning Technology**

**P1484.12.3-2005/Cor 1**

Standard for Extensible Markup Language (XML) Schema Definition Language Binding for Learning Object Metadata – Corrigendum 1: Corrigendum to Reflect the Learning Object Metadata Corrigendum (P1484.12.1-2002-Cor\_1)

**Recommendation: Approve PAR withdrawal**

IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee

**P11073-10404a**

Health Informatics – Personal Health Device Communication – Device Specialization – Pulse Oximeter Amendment

**Recommendation: Approve PAR withdrawal**

**P11073-10407a**

Health Informatics – Personal Health Device Communication – Device Specialization – Blood Pressure Monitor Amendment

**Recommendation: Approve PAR withdrawal**

**P11073-10408a**

Health Informatics – Personal Health Device Communication Part 10408: Device Specialization – Thermometer Amendment

**Recommendation: Approve PAR withdrawal**

**P11073-10415a**

Health Informatics – Personal Health Device Communication – Device Specialization – Weighing Scale Amendment

**Recommendation: Approve PAR withdrawal**

**P11073-10420a**

Health Informatics – Personal Health Device Communication Part 10420: Device Specialization – Body Composition Analyzer Amendment

**Recommendation: Approve PAR withdrawal**

IEEE Power and Energy Society/Electric Machinery

**P1415**

Guide for Induction Machinery Maintenance Testing and Failure Analysis

**Recommendation: Approve PAR withdrawal**

IEEE-SASB Coordinating Committees/SCC20 – Test and Diagnosis for Electronic Systems

**P1877**

Standard for Test Orchestration Interface (TOIF) for Orchestrating Resources, Observations, and Information via Web Services

**Recommendation: Approve PAR withdrawal**

Modified PARs

IEEE-SA Board of Governors/Corporate Advisory Group

**P2404**

Standard for Power Plant De-Nitrogen Oxide (DeNOx) Plate-Type Catalyst

**Recommendation: Approve modified PAR**

**P2413**

Standard for an Architectural Framework for the Internet of Things (IoT)

**Recommendation: Approve modified PAR**

IEEE Computer Society/LAN/MAN Standards Committee

**P802.3bq**

Standard for Ethernet Amendment: Physical Layer and Management Parameters for 25 Gb/s and 40 Gb/s Operation, Types 25GBASE-T and 40GBASE-T

**Recommendation: Approve modified PAR**

**P802.15.9**

Recommended Practice for Transport of Key Management Protocol (KMP) Datagrams

**Recommendation: Approve modified PAR**

IEEE Computer Society/Simulation Interoperability Stds Organization/Stds Activity Committee

**P1278.2**

Standard for Distributed Interactive Simulation (DIS) – Communication Services and Profiles

**Recommendation: Approve modified PAR**

IEEE Communications Society/Power Line Communications

**P1901.2a**

Standard for Low-Frequency (Less than 500 kHz) Narrowband Power Line Communications for Smart Grid Applications Amendment to IEEE Standard 1901.2-2013  
Standard for Low-Frequency (Less than 500 kHz) Narrowband Power Line Communications for Smart Grid Applications

**Recommendation: Approve modified PAR**

IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee

**P11073-10426**

Health Informatics – Personal Health Device Communication – Device Specialization – Home Healthcare Environment Ventilator

***Recommendation: Approve modified PAR***

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

**P61158**

Standard for Industrial Hard Real-Time Communication

***Recommendation: Approve modified PAR***

IEEE Instrumentation and Measurement Society/TC4 – High Frequency Measurement

**P378**

Recommended Practices for Scattering Parameter Measurements Using Vector Network Analyzers

***Recommendation: Approve modified PAR***

IEEE Power and Energy Society/Power System Relaying

**PC37.248**

Guide for Common Format for Naming Intelligent Electronic Devices (COMDEV)

***Recommendation: Approve modified PAR***

IEEE Power and Energy Society/Substations

**P1427**

Guide for Recommended Electrical Clearances and Insulation Levels in Air Insulated Electrical Power Substations

***Recommendation: Approve modified PAR***

IEEE Power and Energy Society/Switchgear

**PC37.13.1**

Standard for Definite-Purpose Switching Devices for Use in Metal-Enclosed Low-Voltage (600 Vac and Below) Power Circuit Breaker Switchgear

***Recommendation: Approve modified PAR***

**PC37.27**

Application Guide for Low-Voltage AC (635 V and Below) Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses

***Recommendation: Approve modified PAR***

Extension Requests

IEEE Computer Society/Cloud Computing Standards Committee

**P2301**

Guide for Cloud Portability and Interoperability Profiles (CPIP)

**Recommendation: Approve request for an extension until December 2017**

IEEE Computer Society/LAN/MAN Standards Committee

**P802.15.9**

Recommended Practice for Transport of Key Management Protocol (KMP) Datagrams

**Recommendation: Approve request for an extension until December 2016**

IEEE Communications Society/Dynamic Spectrum Access Networks Standards Committee

**P1900.5.1**

Standard Policy Language for Dynamic Spectrum Access Systems

**Recommendation: Approve request for an extension until December 2017**

**P1900.7**

Radio Interface for White Space Dynamic Spectrum Access Radio Systems Supporting Fixed and Mobile Operation

**Recommendation: Approve request for an extension until December 2016**

IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee

**P11073-10422**

Standard for Health Informatics – Personal Health Device Communication – Device Specialization – Urine Analyzer

**Recommendation: Approve request for an extension until December 2016**

IEEE Industry Applications Society/Petroleum & Chemical Industry

**P844.1**

Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures – General, Testing, Marking, and Documentation Requirements

**Recommendation: Approve request for an extension until December 2016**

**P844.2**

Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures – Application Guide for Design, Installation, Testing, Commissioning, and Maintenance

**Recommendation: Approve request for an extension until December 2016**

**P844.3**

Standard for Impedance Heating of Pipelines, Vessels, Equipment, and Structures – General, Testing, Marking, and Documentation Requirements

**Recommendation: Approve request for an extension until December 2017**

**P1673**

Standard for Requirements for Conduit & Cable Seals for Field Connected Wiring to Equipment in Petroleum and Chemical Industry Exposed to Pressures Above Atmospheric (1.5 kilopascals, 0.22 psi)

**Recommendation: Approve request for an extension until December 2017**

**P1810**

Guide for the Installation of Fire-Rated Cables Suitable for Hydrocarbon Pool Fires for Critical and Emergency Shutdown Systems in Petroleum and Chemical Industries

**Recommendation: Approve request for an extension until December 2017**

IEEE Power and Energy Society/Nuclear Power Engineering

**P7-4.3.2**

Standard Criteria for Programmable Digital Devices in Safety Systems of Nuclear Power Generating Stations

**Recommendation: Approve request for an extension until December 2016**

IEEE Power and Energy Society/Power System Communications

**P1591.2**

Standard for Testing and Performance of Hardware for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable

**Recommendation: Approve request for an extension until December 2016**

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

**PC62.92.1**

Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part 1 – Introduction

**Recommendation: Approve request for an extension until December 2016**

**PC62.92.2**

Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part II – Synchronous Generator Systems

**Recommendation: Approve request for an extension until December 2016**

IEEE Power and Energy Society/Substations

**PC37.1.1**

Standard for Input and Output Requirements and Testing Methodology for Intelligent Electronic Devices (IEDs)

**Recommendation: Approve request for an extension until December 2017**

IEEE Power and Energy Society/Switchgear



**PC37.100.1**

Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V

***Recommendation: Approve request for an extension until December 2016***

IEEE Power and Energy Society/Transmission and Distribution

**P1243**

Guide for Improving the Lightning Performance of Transmission Lines

***Recommendation: Approve request for an extension until December 2017***

IEEE Power and Energy Society/Transformers

**PC57.140**

Guide for Evaluation and Reconditioning of Liquid Immersed Power Transformers

***Recommendation: Approve request for an extension until December 2017***

IEEE-SASB Coordinating Committees/SCC04 – Electrical Insulation

**P98**

Standard for the Preparation of Test Procedures for the Thermal Evaluation of Solid Electrical Insulating Materials

***Recommendation: Approve request for an extension until December 2016***

IEEE-SASB Coordinating Committees/SCC20 – Test and Diagnosis for Electronic Systems

**P1871.2**

Recommended Practice for IEEE 1671 Test Equipment Templates and Extension Classes for Describing Intrinsic Signal Path Information for Cables, Interface Adaptors and Test Equipment

***Recommendation: Approve request for an extension until December 2017***

NEW PARs

~~IEEE-SA Board of Governors/Corporate Advisory Group~~

**P1865**

Specifications for Maintenance and Testing of Distributed Control Systems in Power Plants

~~***Recommendation: Defer new PAR until the next NesCom meeting***~~

This item was removed from the consent agenda. See item 5.3.1

IEEE Computer Society/LAN/MAN Standards Committee

**P802.1AX-2014/Cor 1**

Standard for Local and Metropolitan Area Networks – Link Aggregation – Corrigendum 1: Technical and Editorial Corrections

***Recommendation: Approve new PAR until December 2019***

**P802.1CM**

Time-Sensitive Networking for Fronthaul

***Recommendation: Approve new PAR until December 2019***

**P802.1Qcn**

Standard for Local and Metropolitan Area Networks – Bridges and Bridged Networks  
Amendment: Virtual Station Interface (VSI) Discovery and Configuration Protocol (VDP)  
Extension to Support Network Virtualization Overlays Over Layer 3 (NVO3)

***Recommendation: Approve new PAR until December 2019***

**P802.1Qcp**

Standard for Local and Metropolitan Area Networks – Bridges and Bridged Networks  
Amendment: YANG Data Model

***Recommendation: Approve new PAR until December 2019***

**P802.1Xck**

Standard for Local and Metropolitan Area Networks – Port-Based Network Access Control  
Amendment: YANG Data Model

***Recommendation: Approve new PAR until December 2019***

**P802.11az**

Standard for Information Technology – Telecommunications and Information Exchange  
Between Systems Local and Metropolitan Area Networks – Specific Requirements Part  
11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications  
– Enhancements for Positioning

***Recommendation: Approve new PAR until December 2019***

**P802.19.1a**

Standard for Information Technology – Telecommunications and Information Exchange  
Between Systems – Local and Metropolitan Area Networks – Specific Requirements –  
Part 19: TV White Space Coexistence Methods Amendment: Coexistence Methods for  
Geo-Location Capable Devices Operating Under General Authorization

***Recommendation: Approve new PAR until December 2019***

**P802E**

Recommended Practice for Privacy Considerations for IEEE 802 Technologies

***Recommendation: Approve new PAR until December 2019***

**IEEE Computer Society/Standards Activities Board**

**P3333.2.5**

Bio-CAD File Format for Medical Three-Dimensional (3D) Printing

***Recommendation: Approve new PAR until December 2019***

IEEE Consumer Electronics Society/Standards Committee

**P360**

Standard for Wearable Consumer Electronic Devices – Overview and Architecture

**Recommendation: Approve new PAR until December 2019**

**P2025.1**

Standard for Consumer Drones: Taxonomy and Definitions

**Recommendation: Defer new PAR until the next NesCom meeting**

**P2025.2**

Standard for Consumer Drones: Privacy and Security

**Recommendation: Defer new PAR until the next NesCom meeting**

IEEE Dielectrics and Electrical Insulation Society/Standards Committee

**P1732**

Recommended Practice for Space Charge Measurements in Full-Size High Voltage Direct Current Extruded Cables

**Recommendation: Defer new PAR until the next NesCom meeting**

IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee

**P11073-10419-2015/Cor 1**

Health Informatics – Personal Health Device Communication – Part 10419: Device Specialization – Insulin Pump – Corrigendum 1

**Recommendation: Approve new PAR until December 2019**

**P11073-10424-2014/Cor 1**

Health Informatics – Personal Health Device Communication – Part 10424: Device Specialization – Sleep Apnoea Breathing Therapy Equipment (SABTE) – Corrigendum 1

**Recommendation: Approve new PAR until December 2019**

**P11073-10425-2014/Cor 1**

Health Informatics – Personal Health Device Communication – Part 10425: Device Specialization – Continuous Glucose Monitor (CGM) – Corrigendum 1

**Recommendation: Approve new PAR until December 2019**

IEEE Engineering in Medicine and Biology Society/Standards Committee

**P2650**

Standard for Enabling Mobile Device Platforms to be used as Pre-Screening Audiometric Systems

**Recommendation: Approve new PAR until December 2019**

IEEE Industry Applications Society/Technical Books Coordinating Committee

**P3005.4**

Recommended Practice for Design and Operational Considerations for Improving the Reliability of Emergency and Stand-By Power Systems

***Recommendation: Approve new PAR until December 2019***

**P3005.7**

Recommended Practice for the Application of Metering for Energy Management of Industrial and Commercial Power Systems

***Recommendation: Approve new PAR until December 2019***

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

**PC62.92.6**

Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part VI – Systems Supplied by Current-Regulated Sources

***Recommendation: Approve new PAR until December 2019***

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

**PC62.55**

Guide for Surge Protection of DC Power Feeds to Remote Radio Heads (RRH)

***Recommendation: Approve new PAR until December 2019***

**PC62.59**

Standard for Test Methods and Preferred Values for Voltage Limiting, Clamping-Type, PN Junction Surge Protective Components

***Recommendation: Approve new PAR until December 2019***

IEEE Power and Energy Society/Transmission and Distribution

**P1870**

Guide for the Parameter Measurement of AC Transmission Lines

***Recommendation: Approve new PAR until December 2019***

**PC135.80-2012/Cor 1**

Standard for Fasteners for Overhead Line Construction – Corrigendum 1: Table 5 – Dimensions of Hex Nuts

***Recommendation: Approve new PAR until December 2019***

PARs for the Revision of Standards

IEEE Computer Society/LAN/MAN Standards Committee

**P802.15.3**

Standard for High Data Rate Wireless Multi-Media Networks

***Recommendation: Approve PAR for the revision of a standard until December 2019***

IEEE Computer Society/Microprocessor Standards Committee

**P754**

Standard for Floating-Point Arithmetic

***Recommendation: Approve PAR for the revision of a standard until December 2019***

IEEE Computer Society/Software & Systems Engineering Standards Committee

**P15939**

Systems and Software Engineering – Measurement Process

***Recommendation: Approve PAR for the revision of a standard until December 2019***

IEEE Communications Society/Standards Development Board

**P1652**

Standard for Translating Head and Torso Simulator Measurements from Eardrum to Other Acoustic Reference Points

***Recommendation: Defer PAR for the revision of a standard until the next NesCom meeting***

IEEE Engineering in Medicine and Biology Society/IEEE 11073 Standards Committee

**P11073-10404**

Health Informatics – Personal Health Device Communication – Part 10404: Device Specialization – Pulse Oximeter

***Recommendation: Conditionally approve PAR for the revision of a standard until December 2019; contingent upon deleting duplicate standards mentioned in 8.1 on the PAR and adding item numbers***

**P11073-10407**

Health Informatics – Personal Health Device Communication – Device Specialization – Blood Pressure Monitor

***Recommendation: Conditionally Approve PAR for the revision of a standard until December 2019; contingent upon deleting duplicate standards mentioned in 8.1 on the PAR and adding item numbers***

**P11073-10408**

Health Informatics – Personal Health Device Communication Part 10408: Device Specialization – Thermometer

**Recommendation: Conditionally approve PAR for the revision of a standard until December 2019; contingent upon deleting duplicate standards mentioned in 8.1 on the PAR and adding item numbers**

**P11073-10415**

Health Informatics – Personal Health Device Communication – Device Specialization – Weighing Scale

**Recommendation: Conditionally approve PAR for the revision of a standard until December 2019; contingent upon deleting duplicate standards mentioned in 8.1 on the PAR and adding item numbers**

**P11073-10420**

Health Informatics – Personal Health Device Communication Part 10420: Device Specialization – Body Composition Analyzer

**Recommendation: Conditionally approve PAR for the revision of a standard until December 2019; contingent upon deleting TM-20081 and deleting duplicate standards mentioned in 8.1 on the PAR and adding item numbers**

IEEE Power and Energy Society/Electric Machinery

**P433**

Recommended Practice for Insulation Testing of AC Electric Machinery with High Voltage at Very Low Frequency

**Recommendation: Defer PAR for the revision of a standard until the next NesCom meeting**

**P1110**

Guide for Synchronous Generator Modeling Practices and Parameter Verification with Applications in Power System Stability Analyses

**Recommendation: Approve PAR for the revision of a standard until December 2019**

IEEE Power and Energy Society/Insulated Conductors

**P48**

Standard for Test Procedures and Requirements for Alternating-Current Cable Terminations Used on Shielded Cables Having Laminated Insulation Rated 2.5 kV through 765 kV or Extruded Insulation Rated 2.5 kV through 500 kV

**Recommendation: Approve PAR for the revision of a standard until December 2019**

**P1185**

Recommended Practice for Cable Installation in Generating Stations and Industrial Facilities

***Recommendation: Approve PAR for the revision of a standard until December 2019***

**P1210**

Standard Tests for Determining Compatibility of Cable-Pulling Lubricants with Wire and Cable

***Recommendation: Approve PAR for the revision of a standard until December 2019***

IEEE Power and Energy Society/Power System Analysis, Computing, and Economics Committee

**P859**

Standard Terms for Reporting and Analyzing Outage Occurrences and Outage States of Electrical Transmission Facilities

***Recommendation: Approve PAR for the revision of a standard until December 2019***

IEEE Power and Energy Society/Switchgear

**PC37.21**

Standard for Control Switchboards

***Recommendation: Approve PAR for the revision of a standard until December 2019***

IEEE Power and Energy Society/Transmission and Distribution

**P824**

Standard for Series Capacitor Banks in Power Systems

***Recommendation: Approve PAR for the revision of a standard until December 2019***

IEEE Power and Energy Society/Transformers

**PC57.12.58**

Guide for Conducting a Transient Voltage Analysis of a Dry-Type Transformer Coil

***Recommendation: Approve PAR for the revision of a standard until December 2019***

IEEE-SASB Coordinating Committees/SCC20 – Test and Diagnosis for Electronic Systems

**P1445**

Standard for Digital Test Interchange Format (DTIF)

***Recommendation: Approve PAR for the revision of a standard until December 2019***

2.2.6 RevCom Recommendations

**NEW**

**P802.1Qca/Draft 2.1** (C/LM) Standard for Local and Metropolitan Area Networks – Bridges and Bridged Networks – Amendment: Path Control and Reservation

Recommendation: APPROVE

**P802.22b/Draft 6** (C/LM) Standard for Information Technology – Telecommunications and Information Exchange between Systems Wireless Regional Area Networks (WRAN) – Specific Requirements Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Policies and Procedures for Operation in the TV Bands Amendment: Enhancement for Broadband Services and Monitoring Applications

Recommendation: APPROVE

**P1505.3/Draft 11** (SASB/SCC20) Standard for the Universal Test Interface Framework and Pin Configuration for Portable/Bench Top Test Requirements Utilizing IEEE 1505 Receiver Fixture Interface Standard

Recommendation: APPROVE

**P1538a/Draft 5** (PE/TR) Guide for Determination of Maximum Winding Temperature Rise in Liquid Transformers Amendment#1

Recommendation: APPROVE

**P1657a/Draft 5** (PE/SB) Recommended Practice for Personnel Qualifications for Installation and Maintenance of Stationary Batteries Amendment 1: Updated Safety Sections

Recommendation: APPROVE

**P1735-2014/Cor 1/Draft 2** (C/DA) Recommended Practice for Encryption and Management of Electronic Design Intellectual Property (IP) – Corrigendum 1: Correction to Rights Digest Description

Recommendation: APPROVE

**P1873/Draft 1.01** (RAS/SC) Standard for Robot Map Data Representation for Navigation



Recommendation: APPROVE

**P1893/Draft D1.3** (BOG/CAG) Guide for the Measurement of DC Transmission Line and Earth Electrode Line Parameters

Recommendation: APPROVE

**P1894/Draft D3** (BOG/CAG) Guide for Online Monitoring and Recording Systems for Transient Overvoltages in Electric Power Systems

Recommendation: APPROVE

**P1901.2a/Draft 2wg-15-0038-00-WGDC** (COM/PLC) Standard for Low-Frequency (less than 500 kHz) Narrowband Power Line Communications for Smart Grid Applications – Amendment 1

Recommendation: APPROVE

**P2030.1.1/Draft P2030.1.1 D2.1** (VT/ITS) Standard Technical Specifications of a DC Quick Charger for Use with Electric Vehicles

Recommendation: APPROVE

**P2401/Draft D5** (C/DA) Standard Format for LSI-Package-Board Interoperable Design

Recommendation: APPROVE

**P2410/Draft 11** (COM/SDB) Biometrics Open Protocol Standard

Recommendation: APPROVE

**P11073-10418-2011/Cor 1/Draft 4** (EMB/11073) Health Informatics – Personal Health Device Communication Part 10418: Device Specialization-International Normalized Ratio (INR) Monitor – Corrigendum 1

Recommendation: APPROVE

**P11073-20601-2014/Cor 1/Draft 6** (EMB/11073) Health Informatics – Personal Health Device Communication – Part 20601: Application Profile – Optimized Exchange Protocol – Corrigendum 1

Recommendation: APPROVE

**P60079-30-1/Draft 9.1** (IAS/PCI) IEC/IEEE Draft International Standard – Explosive Atmospheres – Part 30-1: Electrical Resistance Trace Heating – General and Testing Requirements

Recommendation: APPROVE

**P60079-30-2/Draft 6 (IAS/PCI)** IEEE/IEC Draft International Standard for Explosive Atmospheres – Part 30-2: Electrical Resistance Trace Heating – Application Guide for Design, Installation and Maintenance

Recommendation: APPROVE

**P62659/Draft 62659\_D3** (NTC/SC) IEC/IEEE Draft International Standard – Nanomanufacturing – Large Scale Manufacturing of Nanoelectronics

Recommendation: APPROVE

**P90003/Draft P90003-2014-Apr2015** (C/S2ESC) International Standard – Software Engineering – Guidelines for the Application of ISO 9001:2008 to Computer Software

Recommendation: APPROVE

**PC37.30.2/Draft 4** (PE/SWG) Guide for Wind Loading Evaluation of High Voltage (>1000 V) Air Break Switches

Recommendation: APPROVE

**PC57.163/Draft D2.5** (PE/TR) Guide for Establishing Power Transformer Capability while under Geomagnetic Disturbances

Recommendation: APPROVE

## **REVISION**

**P383/Draft D6.2** (PE/NPE) Standard for Qualifying Electric Cables and Splices for Nuclear Facilities

Recommendation: APPROVE

**P802.3/Draft D3.2** (C/LM) Standard for Ethernet

Recommendation: APPROVE

**P1278.2/Draft P1278.2/D9** (C/SI) Standard for Distributed Interactive Simulation (DIS) – Communication Services and Profiles

Recommendation: APPROVE

**P1290/Draft D3** (PE/NPE) Guide for Motor Operated Valve (MOV) Motor Application, Protection, Control, and Testing in Nuclear Power Generating Stations

Recommendation: APPROVE

**P1453/Draft 9** (PE/T&D) Recommended Practice for the Analysis of Fluctuating Installations on Power Systems

Recommendation: APPROVE

**P1667/Draft 14** (C/IA) Standard for Discovery, Authentication, and Authorization in Host Attachments of Storage Devices

Recommendation: APPROVE

**P62271-37-013/Draft D13.4** (PE/SWG) International Standard for High-Voltage Switchgear and Controlgear – Part 37-013: Alternating-Current Generator Circuit-Breakers

Recommendation: APPROVE

**PC37.103/Draft 7** (PE/PSR) Guide for Differential and Polarizing Relay Circuit Testing

Recommendation: APPROVE

**PC57.12.34/Draft 9** (PE/TR) Standard for Requirements for Pad-Mounted, Compartmental Type, Self Cooled, Three Phase Distribution Transformers, 10 MVA and Smaller; High Voltage, 34.5 kV Nominal System Voltage and Below; Low Voltage, 15 kV Nominal System Voltage and Below

Recommendation: APPROVE

**PC57.12.37/Draft D5** (PE/TR) Standard for the Electronic Reporting of Distribution Transformer Test Data

Recommendation: APPROVE

**PC57.12.59/Draft D3.1** (PE/TR) Guide for Dry-Type Transformer Through-Fault Current Duration

Recommendation: APPROVE

**PC57.125/Draft D6,2 (PE/TR) Guide for Failure Investigation, Documentation, Analysis, and Reporting for Power Transformers and Shunt Reactors**

Recommendation: APPROVE

**3 Legal Update**

None.

**4 IEEE-SA Managing Director's [Report](#)**

Konstantinos Karachalios, IEEE-SA Managing Director, reported.

**5 SASB Standing Committee Reports**

5.1 Audit Committee ([AudCom](#))

Jean-Philippe Faure, AudCom Chair, reported.

**There was a motion:**

**Recognize the Sensors Council/Standards Committee, to be abbreviated as SEN/SC, as an official Sponsor, in accordance with IEEE-SASB Bylaws 5.2.2. The motion was unanimously approved.**

**There was a motion:**

**Motion: Recognize the Systems, Man, and Cybernetics Society/Standards Committee, to be abbreviated as SMC/SC, as an official Sponsor, in accordance with IEEE-SASB Bylaws 5.2.2. The motion was unanimously approved.**

Chair Kulick acknowledged the diligence of the AudCom Chair (Jean-Philippe) and the AudCom Administrator (Lisa Weisser) for their efforts in scheduling and managing multiple AudCom teleconferences for the purpose of advancing the work of AudCom in updating the various baseline documents.

5.2 Industry Connections Committee ([ICCom](#))

Yatin Trivedi, ICCom Chair, reported.

5.3 New Standards Committee ([NesCom](#))

Philip Winston, NesCom Chair, reported.

5.3.1 P1865

NesCom recommendation:

IEEE-SA Board of Governors/Corporate Advisory Group

**P1865**

Specifications for Maintenance and Testing of Distributed Control Systems in Power Plants

**Recommendation: Defer new PAR until the next NesCom meeting**

**There was a motion to conditionally approve P1865 with the following updated scope and purpose:**

**Proposed Scope:**

***This standard defines specifications, requirements, procedures and methods for maintenance and testing of distributed control systems in power plants. Routine maintenance of programmable logic controllers is also specified in this standard.***

**Proposed Purpose:**

***This standard improves the reliability and accuracy of distributed control systems in power plants.***

**The motion was unanimously approved.**

There was discussion on the topic of participation thresholds for the entity and individual methods, as well as general principles related to IEEE-SA standards development.

An Ad Hoc was formed (*Ad Hoc on General Principles that Form the Basis for New Project Initiation*)

Ad Hoc scope: Review the general principles that form the basis for new project initiation and to provide feedback to the SASB for its consideration.

Ad Hoc Chair: Andrew Myles

Ad Hoc Members: Chuck Adams, Ted Burse, Stephen Dukes, Jean-Philippe Faure, James Gilb, Travis Griffith, Gary Hoffman, Rich Hulett, Soo Kim, Bruce Kraemer, David Law, Dave Ringle, Sam Sciacca, Erin Spiewak, Yatin Trivedi, Lisa Weisser, Philip Winston, and Don Wright

5.4 Patent Committee ([PatCom](#))

David Law, PatCom Chair, reported.

5.5 Procedures Committee ([ProCom](#))

Jon Rosdahl, ProCom Chair, reported.

- SASB OpMan RE: [Draft distribution/copyright statements](#)

There was a motion to amend the text in SASB OpMan 6.1.3.2:  
~~ISO/IEC~~ to ISO or IEC.

The motion was unanimously approved.

There was motion to approve the proposed changes to the SASB OpMan RE:  
Draft distribution/copyright statements.  
The motion was unanimously approved.

The approved text follows:

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### **6.1.3.1 Draft copyright statements**

All drafts shall carry a copyright statement that:

- a) The document is an unapproved draft of a proposed IEEE standard
- b) The document is subject to change
- c) The document shall not be utilized for conformance/compliance purposes.

~~An IEEE draft standard may be distributed without charge to the participants for that IEEE standards development project. Other persons seeking permission to reproduce the document, in whole or in part, must obtain permission from the IEEE Standards Department.~~

### **6.1.3.2 Permitted reproduction of drafts by IEEE Standards Working Groups**

Participants in an active IEEE standards development project are entitled to receive a copy of draft standards produced by that project without charge. The Working Group Chair of the project determines whether an individual or entity meets the requirements for participation.

For purposes of standardization consideration or coordination by ISO or IEC, the Working Group Chair of an IEEE standards development project may reproduce the draft produced by that project. The Chair shall inform the IEEE Standards Department prior to any reproduction.

Draft standards of an IEEE standards development project may be made available for sale by the IEEE at the request of the Working Group Chair of that project.

Requests for a copy of a draft standard that is not addressed in this clause shall be directed to the IEEE Standards Department.

### **6.1.3.3 Requests for IEEE draft standards outside IEEE Standards Working Groups**

Individuals or entities seeking to reproduce any portion of an IEEE draft standard shall obtain permission from the IEEE Standards Department.

- SASB Bylaws RE: [Sponsor balloting group verification](#)

***Action Item: Dave Ringle to initiate a 30-day email ballot of the SASB on the proposed changes RE: Sponsor balloting group verification.***

- SASB Bylaws and SASB OpMan RE: [Special meetings](#)

There was a motion to amend (see **blue** highlight).

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### **4.1.1.1.2 Special meetings**

An agenda for each special meeting shall be prepared by the Secretary and sent in conjunction with the meeting notice, to all voting members of the IEEE-SA Standards Board and the IEEE-SA Board of Governors; the IEEE-SA Standards Board Chair shall determine the extent to which the agenda shall be further distributed.

The motion to amend was unanimously approved.

***Action Item: Dave Ringle to initiate a 30-day email ballot of the SASB on the proposed changes RE: Special meetings.***

5.6 Standards Review Committee ([RevCom](#))

Ted Burse, RevCom Chair, reported.

## **6 Standards Coordinating Committee Reports**

6.1 SCC Coordinator's [Report](#)  
**[Time-Specific: 10:00 a.m.]**

Yu Yuan attended by phone for item 6.

Yu Yuan, SCC Coordinator, reported.

**There was a motion:**

**Move to accept the submitted reports from SCC14, SCC18, and SCC40.  
The motion was unanimously approved.**

6.2 Scheduled Reports Due in September:

6.2.1 [SCC14](#) – Quantities, Units, and Letter Symbols (Jim Frysinger)

6.2.2 [SCC18](#) – National Fire Association Standards (Ed Larsen)

6.2.3 [SCC40](#) – Earth Observation (Thomas O'Reilly)

## **7 Liaison Reports**

7.1 IEC [Report](#)

Jim Matthews, IEC Liaison, reported.

7.2 NIST [Report](#)

Michael Janezic, NIST Liaison, reported.

**8 Informational Reports**

8.1 CAG [Report](#)

Glenn Parsons, CAG Liaison, reported.

8.2 IEEE-SA President's [Report](#)

Bruce Kraemer, IEEE-SA President, reported.

8.3 SASB Chair's [Report](#)

Chair Kulick reported.

**9 Old Business**

9.1 Update on LMSC Financial Reporting

Yatin Trivedi, IEEE-SA Treasurer provided an update.

Yatin stated that LMSC had met all the relevant/applicable milestones through August 31. IEEE-SA staff and Yatin are in regular communication with the LMSC Chair and LMSC Treasurer. The progress so far on submitting 2015 finance reports is satisfactory.

9.2 ***Executive Session***

The SASB entered Executive Session at 1:17 p.m.

Attendees: SASB Members, BOG Members, legal counsel to the IEEE, IEEE-SA Senior staff, IEEE-SA Governance staff, and Yvette Ho Sang.

Not present in Executive Session discussion: Winston

Executive Session ended at 3:52 p.m.

Report out:

RESOLVED, that the IEEE-SA Standards Board hereby confirms that the sole LOA form that the Standards Board has approved does not permit an LOA with the D.1.d box selected to include attachments other than the extension page for identification of specific patents under Item E.1.

**10 New Business**



None.

**11**            [Next Meeting](#)

The next SASB meeting is scheduled for Saturday, 05 December 2015, in Piscataway New Jersey, USA.

**12**            **SASB Resolutions**

**The SASB officially recognized the Sensors Council/Standards Committee, to be abbreviated as SEN/SC, as an official Sponsor.**

**The SASB officially recognized the Systems, Man, and Cybernetics Society/Standards Committee, to be abbreviated as SMC/SC, as an official Sponsor.**

**RESOLVED, that the IEEE-SA Standards Board hereby confirms that the sole LOA form that the Standards Board has approved does not permit an LOA with the D.1.d box selected to include attachments other than the extension page for identification of specific patents under Item E.1.**

**13**            **Adjournment**

Chair Kulick thanked the SASB Members for all of their work during the week and in preparation for the meetings.

There being no further business, the meeting was adjourned at 3:53 p.m.