

**IEEE-SA Standards Board New Standards Committee (NesCom)
Meeting Minutes**

29 June 2016

9:00 a.m. – 1:00 p.m.

Sofitel Berlin Kurfurstendamm, Berlin, Germany

Members Present:

Ted Burse
Stephen Dukes, Chair
Michael Janezic
Xiaohui Liu
Kevin Lu
Annette Reilly
Dorothy Stanley

John Kulick
Hung Ling
Gil Ohana
Glenn Parsons
Jon Rosdahl
Jingyi Zhou
RevCom Members and Guests from
RevCom meeting [During item 5.1]

Members Absent:

Jianbin Fan
Thomas Koshy
Phil Winston

Staff:

Matt Ceglia
Konstantinos Karachalios
Lisa Weisser, Administrator
Staff from RevCom meeting [During
item 5.1]

Guests:

Chuck Adams
Jean-Philippe Faure

[Unless otherwise noted, all votes are unanimous]**1 CALL TO ORDER**

Chair Dukes called the meeting to order at 9:00 a.m. There was a round of introductions by all present.

2 REVIEW OF AGENDA

Chair Dukes noted that there was a New Business item requested by Phil Winston about project authorization dates and the initial ballot start date shown on the PAR. All were in agreement with this agenda change.

There was a motion to approve the agenda. There was no objection to unanimous consent.

2.1 Consent Agenda**2.1.1 Withdrawal Requests**

There were no withdrawal requests.

2.1.2 A Project Number Change Request was approved for PC62.42 'Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports - Overview'. The new PAR number will be PC62.42.0.

2.1.3 A Project Number Change Request was approved for P1904.3 'Standard for Radio Over Ethernet Encapsulations and Mappings'. The new PAR number will be P1914.3

3 APPROVAL OF MINUTES FROM THE 2 MARCH 2016 MEETING

There was a motion to approve the 2 March 2016 NesCom Meeting Minutes. There was no objection to unanimous consent.

4 PARS FOR DISCUSSION

4.1 Modified PARs

IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

P952-1997/Cor 1

Standard Specification Format Guide and Test Procedure for Single-Axis Interferometric Fiber Optic Gyros - Corrigendum 1: Figure 1 and Clauses 5.3.4, 8.3, 12.11.4.3.2, 12.11.4.3.3, 12.11.4.3.4, 12.12.3.1, 12.12.4.1

Recommendation: Approve modified PAR (5 in favor, 0 opposed, 1 abstain [Stanley])

IEEE-SA Board of Governors/Corporate Advisory Group

P1899

Guide for Establishing Basic Requirements for High-Voltage Direct Current (HVDC) Transmission Protection and Control Equipment

Recommendation: Approve modified PAR

IEEE Communications Society/Standards Development Board

P1904.3

Standard for Radio Over Ethernet Encapsulations and Mappings

Recommendation: Approve modified PAR

IEEE Industry Applications Society/Petroleum & Chemical Industry

P844.1

844.1/CSA C22.2 No.293.1:Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures -General, Testing, Marking, and Documentation Requirements

Recommendation: Approve modified PAR

P844.2

844.2/CSA C293.2: Standard for Skin Effect Trace Heating of Pipelines, Vessels, Equipment, and Structures - Application Guide for Design, Installation, Testing, Commissioning, and Maintenance

Recommendation: Approve modified PAR

IEEE Power and Energy Society/Switchgear

PC37.21

Standard for Control Switchboards

Recommendation: Approve modified PAR

PC37.100.5

Standard for Definitions of High Voltage Circuit Breakers Above 1000 Vac and 3200 Vdc, and Reclosers and Other Distribution Equipment from 1000 Vac to 38,000 Vac

Recommendation: Approve modified PAR

4.2 Extension Requests

IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

P952-1997/Cor 1

Standard Specification Format Guide and Test Procedure for Single-Axis Interferometric Fiber Optic Gyros - Corrigendum 1: Figure 1 - Gyro Axes and Misalignment Angles

Recommendation: Approve request for an extension until 2017

IEEE Education Society/Standards Committee

P1876

Standard for Networked Smart Learning for Online Laboratories

Recommendation: Approve request for an extension until 2018

IEEE Power and Energy Society/Switchgear

PC37.10.1

Guide for the Selection of Monitoring for Circuit Breakers

Recommendation: Approve request for an extension until 2018

IEEE Power and Energy Society/Transmission and Distribution

P563

Guide on Conductor Self-Damping Measurements

Recommendation: Approve request for an extension until 2018

P664

Guide for Laboratory Measurement of the Power Dissipation Characteristics of Aeolian Vibration Dampers for Single Conductors

Recommendation: Approve request for an extension until 2018

IEEE Power and Energy Society/Transformers

P60076-16

Power Transformers - Part 16: Transformers for Wind Turbine Application

Recommendation: Approve request for an extension until 2018

4.3 New PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.1Qcr

Standard for Local and Metropolitan Area Networks-Bridges and Bridged Networks Asynchronous Traffic Shaping

Recommendation: Approve new PAR until December 2020

P802.16s

Standard for Air Interface for Broadband Wireless Access Systems Amendment: Fixed and Mobile Wireless Access in Channel Bandwidth up to 1.25 MHz

Recommendation: Approve new PAR until December 2020 (5 in favor, 0 opposed, 1 recuse [Janezic])

IEEE Computer Society/Microprocessor Standards Committee

P1722-2016/Cor 1

Standard for a Transport Protocol for Time Sensitive Applications in a Bridged Local Area Network- Corrigendum 1

Recommendation: Approve new PAR until December 2020

IEEE Computer Society/Software & Systems Engineering Standards Committee

P7000

Model Process for Addressing Ethical Concerns During System Design

Recommendation: Approve new PAR until December 2020

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P473

Recommended Practice for an Electromagnetic Site Survey (10 kHz to 40 GHz)

Recommendation: Approve new PAR until December 2020

P2715

Guide for the Characterization of the Shielding Effectiveness of Planar Materials

Recommendation: Approve new PAR until December 2020

P2716

Guide for the Characterization of the Effectiveness of Printed Circuit Board Level Shielding

Recommendation: Approve new PAR until December 2020

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3001.4

Recommended Practice for Estimating the Costs of Industrial and Commercial Power Systems

Recommendation: Approve new PAR until December 2020

IEEE Power and Energy Society/Insulated Conductors

P2740

Guide for the Selection and Installation of Flexible Electrical Cables and Systems in Hazardous (Classified) Locations on Land Drilling Rigs

Recommendation: Approve new PAR until December 2020

IEEE Power and Energy Society/Substations

P1815.1-2015/Cor 1

Standard for Exchanging Information between Networks Implementing IEC 61850 and IEEE Std 1815(TM) (Distributed Network Protocol - DNP3) - Corrigendum 1

Recommendation: Approve new PAR until December 2020

IEEE Power and Energy Society/Transformers

PC57.12.90-2015/Cor 1

Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers - Corrigendum 1: Editorial and Technical Corrections

Recommendation: Approve new PAR until December 2020

PC57.163-2015/Cor 1

Guide for Establishing Power Transformer Capability while under Geomagnetic Disturbances - Corrigendum 1

Recommendation: Approve new PAR until December 2020

PC57.164

Guide for Establishing Short Circuit Withstand Capabilities of Liquid Immersed Power Transformers, Regulators, and Reactors

Recommendation: Approve new PAR until December 2020

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1627

Standard for Transient Overvoltage Protection of DC Electrification Systems by Application of Surge Arrestors

Recommendation: Approve new PAR until December 2020

P2720

Rail Potential Management Guide for Direct Current Traction Electrification Systems

Recommendation: Approve new PAR until December 2020

4.4 PARs for the Revision of Standards

IEEE Computer Society/Information Assurance

P1667

Standard for Discovery, Authentication, and Authorization in Host Attachments of Storage Devices

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Computer Society/Software & Systems Engineering Standards Committee

P15289

ISO/IEC/IEEE Systems and software engineering -- Content of life-cycle information items (documentation)

Recommendation: Approve PAR for the revision of a standard until December 2020

P24765

Systems and Software Engineering - Vocabulary

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Communications Society/Standards Development Board

P2410

Standard for Biometric Open Protocol

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Industry Applications Society/Power Systems Engineering

P1668

Recommended Practice for Voltage Sag and Short Interruption Ride-Through Testing for End-Use Electrical Equipment Rated Less than 1000 V

Recommendation: Approve PAR for the revision of a standard until December 2020

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

P1241

Standard for Terminology and Test Methods for Analog-to-Digital Converters

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Power and Energy Society/Energy Development & Power Generation

P666

Design Guide for Electric Power Service Systems for Generating Stations

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Power and Energy Society/Switchgear

PC37.12.1

Recommended Practice for Instruction Manual Content of High-Voltage Circuit Breakers (Over 1000 Volts)

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Power and Energy Society/Transformers

PC57.18.10

Standard Practices and Requirements for Semiconductor Power Rectifier Transformers

Recommendation: Approve PAR for the revision of a standard until December 2020

PC57.148

Standard for Control Cabinets for Power Transformers

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.0

Guide for Wireless Access in Vehicular Environments (WAVE) - Architecture

Recommendation: Approve PAR for the revision of a standard until December 2020

P1609.12

Standard for Wireless Access in Vehicular Environments (WAVE) - Identifier Allocations

Recommendation: Approve PAR for the revision of a standard until December 2020

IEEE Vehicular Technology Society/Rail Transportation Standards Committee**P1653.3**

Guide for Rail Transit Traction Power Systems Modeling

Recommendation: Approve PAR for the revision of a standard until December 2020

5 OLD BUSINESS**5.1 Report from the Ad Hoc on Social Implications and Ethical Considerations - Mike Janezic**

During the most recent meeting of this ad hoc, it was agreed that this discussion should involve both NesCom and RevCom because the ad hoc did not reach consensus about the most appropriate time to ask Sponsors or Working Groups to think about Social Implications and Ethical Considerations for new projects.

All attendees of the concurrent RevCom meeting joined the NesCom meeting for a joint committee discussion. Mike Janezic presented the report of the recommendations from the ad hoc.

There were some concerns raised with regard to the process of asking for information on these topics. It was agreed that it is better to separate the questions to Sponsors and Working Groups from the process of approvals (either at NesCom or at RevCom). There was a new recommendation to do a survey after these approvals take place. It was also agreed that the questions would not be in the form of a checklist that might raise new concerns, but should be open ended questions that will help find projects where there may be additional opportunities to highlight. IEEE-SA staff would be the primary support for this, with volunteer leaders as a sounding board.

NB: Following the SASB meeting, it was agreed that the ad hoc would continue to work on the recommendations with much of the work being done by SA staff. Mike Janezic will continue to chair the ad hoc with the following members: Natasha Alvarado, Matt Ceglia, Karen Evangelista,

Gary Hoffman, Annette Reilly, Dave Ringle, Lisa Weisser, Phil Winston, and Howard Wolfman.

6 NEW BUSINESS

6.1 Project Authorization Dates and the Initial Ballot Start Date - Phil Winston

Phil Winston was unable to attend the NesCom meeting, and Chair Dukes provided a summary. Phil raised the question about whether the IEEE-SA process is fully open if dates for initial ballot shown on the PAR are very close to potential PAR approval dates. The discussion identified examples where this shortened time frame is realistic and potentially necessary, but there may be a need to ensure the process is still open. Chair Dukes recommended that an ad hoc be formed to determine if any changes need to be made to address this. The ad hoc will be chaired by Phil Winston and consist of the following members: Matt Ceglia, Dorothy Stanley, Lisa Weisser.

7 NEXT MEETING

The next meeting of NesCom will be a Continuous Processing Teleconference on 20 September 2016. The next in-person meeting will take place on 6 December 2016 in Piscataway, New Jersey, USA.

8 ADJOURNMENT

The meeting was adjourned at 11:50 a.m.