

NesCom Meeting Minutes

7 March 2018

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

7 March 2018

9:00 a.m. - 1:00 p.m.

Tokyo Hilton Hotel, Tokyo, Japan

Members Present:

Ted Burse, Chair

Stephen Dukes

Travis Griffith

Michael Janezic

Hung Ling

Kevin Lu

Jingyi Zhou

Michael Atlass

Jean-Philippe Faure

Jim Harlan

John Kulick

Matteo Sabbattini

Claire Topp

Members Absent:

Richard Holub

David Law

Dong Liu

Damir Novosel

Staff:

Matt Ceglia

Yvette Ho Sang

Konstantinos Karachalios

Adam Newman

Dave Ringle

Rudi Schubert

Sam Sciacca

Lisa Weisser, Administrator

Guests:

Chuck Adams

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

Chair Burse called the meeting to order at 9:02 a.m. There was a round of introductions by all present.

2 REVIEW OF AGENDA

Stephen Dukes requested that item 5.4 be removed from the agenda because there was no report on the Open Source ad hoc, and this was approved.

A motion was made to approve the 7 March 2018 NesCom meeting agenda. The motion was unanimously approved.

2.1 Consent Agenda

2.1.1 Withdrawal Requests

There were no withdrawal requests on this agenda.

3 PARS FOR DISCUSSION

3.1 Modified PARs

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3004.7

Recommended Practice for the Protection of Conductors Used in Industrial and Commercial Power Systems

Recommendation: Approve modified PAR

IEEE Microwave Theory and Techniques Society/Standards Coordinating Committee

P1765

Trial-Use Recommended Practice for Estimating the Uncertainty in Error Vector Magnitude of Measured Digitally Modulated Signals for Wireless Communications

Recommendation: Approve modified PAR (5 in favor, 1 recuse [Janezic])

IEEE Power and Energy Society/Energy Development & Power Generation

P2775

Technical Guide for Smart Hydroelectric Power Plant

Recommendation: Approve modified PAR

3.2 Extension Requests

IEEE Power and Energy Society/Nuclear Power Engineering

P2411

Human Factors Engineering Guide for the Validation of System Designs and Integrated Systems Operations at Nuclear Facilities

Recommendation: Approve request for an extension until December 2020

3.3 New PARs

IEEE Engineering in Medicine and Biology Society/Standards Committee

P2727

Standard for General Vocabulary for Conformity Assessment of Medical Devices with Measuring Function

Recommendation: Approve new PAR until December 2022

P2727.1

Standard for Conformity Assessment Testing of Cardiac Defibrillators for Legal Metrology Purposes

Recommendation: Approve new PAR until December 2022

P2730

Standard for Classification, Terminologies, and Definitions of Medical Robots

Recommendation: Approve new PAR until December 2022

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

P2668

Standard for Maturity Index of Internet-of-things: Evaluation, Grading and Ranking

Recommendation: Approve new PAR until December 2022

IEEE Power and Energy Society/Insulated Conductors

P1511.2

Guide for Investigating and Analyzing Failures of Joints on Extruded Shielded Power Cables on Systems Rated 5 kV through 46 kV

Recommendation: Approve new PAR until December 2022

IEEE Power and Energy Society/Power System Communications and Cybersecurity

P2658

Guide for Cybersecurity Testing in Electric Power Systems

Recommendation: Approve new PAR until December 2022

IEEE Power and Energy Society/Power System Relaying and Control

P2030.100.1

Monitoring and Diagnostics of IEC 61850 Generic Object Oriented Status Event (GOOSE) and Sampled Values Based Systems

Recommendation: Approve new PAR until December 2022

PC37.300

Guide for Centralized Protection and Control (CPC) Systems within a Substation

Recommendation: Approve new PAR until December 2022

IEEE Power and Energy Society/Transmission and Distribution

P2030.11

Distributed Energy Resources Management Systems (DERMS) Functional Specification

Recommendation: Approve new PAR until December 2022

P2745.1

Guide for Technology of Unified Power Flow Controller Using Modular Multilevel Converter: Part 1 Functions

Recommendation: Approve new PAR until December 2022

P2745.2

Guide for Technology of Unified Power Flow Controller Using Modular Multilevel Converter: Part 2 Terminology

Recommendation: Approve new PAR until December 2022

P2745.3

Guide for Technology of Unified Power Flow Controller Using Modular Multilevel Converter: Part 3 Thyristor Bypass Switch

Recommendation: Approve new PAR until December 2022

P2746

Guide for Evaluating AC Interference on Linear Facilities Co-Located Near Transmission Lines

Recommendation: Approve new PAR until December 2022

IEEE Power and Energy Society/Transformers

PC57.166

Guide for Acceptance and Maintenance of Insulating Liquids in Transformers and Related Equipment

Recommendation: Approve new PAR until December 2022

IEEE-SASB Coordinating Committees/SCC21 - Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage

P1547.9

Guide to Using IEEE Standard 1547 for Interconnection of Energy Storage Distributed Energy Resources with Electric Power Systems

Recommendation: Approve new PAR until December 2022

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P2752

Guide for Multi-Point Grounding System of Trains in Electrified Railway

Recommendation: Approve new PAR until December 2022

P2753

Guide for the Measurement of Pantograph Off-Line and Evaluation of Current Collection Performance for High Speed Railway

Recommendation: Approve new PAR until December 2022

3.4 PARs for the Revision of Standards

IEEE Computer Society/Design Automation

P2401

Standard Format for LSI-Package-Board Interoperable Design

Recommendation: Approve PAR for the revision of a standard until December 2022

IEEE Computer Society/Learning Technology

P1484.11.3

Standard for Learning Technology Extensible Markup Language (XML) Schema Binding for Data Model for Content Object Communication

Recommendation: Approve PAR for the revision of a standard until December 2022

P1484.12.3

Standard for Extensible Markup Language (XML) Schema Definition Language Binding for Learning Object Metadata

Recommendation: Approve PAR for the revision of a standard until December 2022

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

P11073-10442

Health Informatics - Personal Health Device Communication Part 10442: Device Specialization - Strength Fitness Equipment

Recommendation: Approve PAR for the revision of a standard until December 2022

IEEE Power and Energy Society/Electric Machinery

PC50.12

Standard for 50 Hz and 60 Hz Synchronous Generators and Generator/Motors Coupled to Hydraulic Turbines and Rated 5 MVA and Above

Recommendation: Approve PAR for the revision of a standard until December 2022

IEEE Power and Energy Society/Nuclear Power Engineering

P577

Standard Requirements for Reliability Analysis in the Design and Operation of Safety Systems for Nuclear Power Generating Stations and Other Nuclear Facilities

Recommendation: Approve PAR for the revision of a standard until December 2022

P765

Standard for Preferred Power Supply (PPS) for Nuclear Power Generating Stations (NPGS)

Recommendation: Approve PAR for the revision of a standard until December 2022

IEEE Power and Energy Society/Substations

P525

Guide for the Design and Installation of Cable Systems in Substations

Recommendation: Approve PAR for the revision of a standard until December 2022

P837

Standard for Qualifying Permanent Connections Used in Substation Grounding

Recommendation: Approve PAR for the revision of a standard until December 2022

PC37.122

Standard for High Voltage Gas-Insulated Substations Rated Above 52 kV

Recommendation: Approve PAR for the revision of a standard until December 2022

IEEE Power and Energy Society/Transmission and Distribution

P1695

Guide to Understanding, Diagnosing, and Mitigating Stray and Contact Voltage

Recommendation: Approve PAR for the revision of a standard until December 2022

4 OLD BUSINESS

4.1 Information - December 2017 NesCom Meeting Minutes Were Approved During the January 2018 NesCom Teleconference

Lisa Weisser informed all in attendance that the minutes from the December 2017 NesCom meeting had been approved during the January 2018 NesCom teleconference because participants in that call were the 2017 NesCom members. Those minutes have been posted on the NesCom meeting information webpage.

5 NEW BUSINESS

5.1 General Data Protection Regulation (GDPR) Presentation - Yvette Ho Sang

After it was determined that all in attendance heard this presentation during the previous day's meetings, it was agreed that there was no need to repeat the presentation and it was not presented during the NesCom meeting.

5.2 Future Adoptions of ISO/IEC Standards by IEEE - Sam Sciacca

Sam Sciacca presented the background and some FAQs about IEEE-SA's recent decision to no longer adopt ISO or IEC Standards, effective immediately. ANSI recently notified IEEE of a change to the ANSI/IEEE license agreement for the sale of national adoptions of ISO and IEC standards. This change mandates that an adopted standard be labeled as a "U.S. national" standard and must include a U.S. national forward and national branding on each page, among other requirements, and it was determined to be inconsistent with IEEE's position as a global SDO. The preferred approach going forward will be Joint Development/Dual Logo agreements. There is a need to convey this information to Sponsors, future NesComs, and future IEEE-SA staff members (OPM and Governance) so there are no cases that slip through the cracks. Yvette Ho Sang explained that there is an internal process in place that should prevent this from happening because an agreement would have to be completed. There was consensus that, for now, this will be monitored informally, and there would be no addition to the NesCom Conventions or other P&Ps.

5.3 Discussion - Potential Additional 2018 NesCom Teleconference

Lisa Weisser explained to NesCom that there was an opportunity to add a NesCom teleconference in Q3 2018, similar to what RevCom has done, in an attempt to even out the flow of PAR submittals and reviews toward the end of the year.

Motion: NesCom to add a teleconference on 15 October 2018 with a submittal deadline of 6 September 2018. The motion was unanimously approved.

AI: Lisa Weisser to add the October NesCom teleconference in myProject and to the 2018 Governance meetings schedule, and also conduct a Doodle poll to determine the time for the call.

5.4 Open Source Ad Hoc Report to NesCom - Steve Dukes

This item was removed from the agenda as there was no report from the Open Source ad hoc.

5.5 Title and Scope Text Alignment with Numbering Policy for Multi-Part Standards - Jingyi Zhou

Jingyi Zhou presented about the potential for enhancing the numbering policy to help Sponsors determine the most appropriate numbering to use for multi-part standards. This could also add clarity to the title and/or scope on the PARs. There was a discussion about the rationale behind various number schemas, whether or not there is an overarching document, and the relationship between the standards in multi-part standards.

It was agreed that an ad hoc would be formed to review the current numbering policy and make a recommendation at the June NesCom meeting. The ad hoc will be chaired by Jingyi Zhou and will include the following members: Matt Ceglia, Jonathan Goldberg, Soo Kim, Kevin Lu, Dave Ringle, and Lisa Weisser.

6 NEXT MEETING

There will be a Doodle poll for the NesCom continuous processing teleconference that was scheduled for 26 April 2018. *NB: This teleconference is now scheduled for 1 May 2018 at 10:00 a.m. ET.* The next in-person meeting of NesCom will take place on 13 June 2018 in The Hague, Netherlands.

7 ADJOURNMENT

There being no further business, the meeting was adjourned at 11:10 a.m.