

NesCom Meeting Minutes

11 June 2014

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

11 June 2014

IEEE Operations Center, Piscataway, New Jersey, USA

9:00 a.m. – 11:00 a.m.

Members Present:

Peter Balma  
Farooq Bari  
Stephen Dukes  
Mike Janezic  
Jeffrey Katz  
Xiaohui Liu  
Kevin Lu  
Jon Rosdahl  
Yatin Trivedi  
Phil Winston, Chair  
Yu Yuan

Members Absent:

Annette Reilly  
Curtis Siller

Guests:

Ted Burse  
Carole Carey  
Dick DeBlasio  
Eddie Fong  
Gary Hoffman  
Ron Hotchkiss  
Rich Hulett  
Joe Koepfinger  
Bruce Kraemer  
John Kulick  
David Law  
Hung Ling  
Will Lumpkins  
Ted Olsen  
Glenn Parsons  
Sharon Peng  
Gary Robinson  
Adrian Stephens  
Pat Thaler  
Claire Topp

Diego Vicentin  
Howard Wolfman  
Don Wright

Staff:

Melissa Aranzamendez  
Kathryn Bennett  
Christina Boyce  
Kim Breitfelder  
Justin Caso  
Matt Ceglia  
Terry deCourcelle  
Karen Evangelista  
Tricia Gerdon  
Rona Gertz  
Patrick Gibbons  
Jonathan Goldberg  
Jodi Haasz  
Mary Ellen Hanntz  
Noelle Humenick  
Konstantinos Karachalios  
Karen Kenney  
Soo Kim  
Mike Kipness  
Gregory Marchini  
Karen McCabe  
Don Messina  
Thomas Monaco  
Mary Lynne Nielsen  
Moirra Patterson  
Lisa Perry  
Dave Ringle  
Patricia Roder  
Sam Sciacca  
Erin Spiewak  
Lisa Weisser, Administrator  
Joan Woolery  
Malia Zaman

**[Unless otherwise noted, all votes are unanimous]**

## **1 CALL TO ORDER**

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

## **2 REVIEW OF AGENDA**

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

### **2.1 Consent Agenda**

#### **2.1.1 Withdrawal Requests**

IEEE Electromagnetic Compatibility Society/Standards Development Committee

##### **P1836**

Standard for Electromagnetic Compatibility (EMC) - Limits for Harmonic Current Emissions Produced by Equipment Connected to Public Low-Voltage Systems with Input Current  $\leq 16$  A per Phase

***Recommendation: Approve PAR withdrawal***

##### **P1837**

Standard for Electromagnetic Compatibility (EMC) - Limits for Harmonic Current Emissions Produced by Equipment Connected to Public Low-Voltage Systems with Input Current  $> 16$  and  $\leq 75$  A per Phase

***Recommendation: Approve PAR withdrawal***

**2.1.2 A Project Number Change Request was approved for PC62.52 Guide for the Application of Surge Protective Devices for a Wind Power Facility. The new PAR number will be PC62.200.**

## **3 APPROVAL OF MINUTES FROM THE 26 MARCH 2014 MEETING**

There was a motion to approve the March NesCom meeting minutes. There was no objection to unanimous consent.

## **4 PARS FOR DISCUSSION**

### **4.1 Modified PARs**

IEEE Computer Society/LAN/MAN Standards Committee

##### **P802.1Qcd**

Standard for Local and Metropolitan Area Networks – Media Access Control (MAC) Bridges and Virtual Bridged Local Area Networks Amendment: Application Virtual Local Area Network (VLAN) Type, Length, Value (TLV)

**Recommendation: Approve modified PAR**

**P802.3bp**

Standard for Ethernet Amendment Physical Layer Specifications and Management Parameters for 1 Gb/s Operation Over a Single Twisted Pair Copper Cable

**Recommendation: Approve modified PAR**

**P802.3bs**

Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers, and Management Parameters for 400 Gb/s Operation

**Recommendation: Approve modified PAR**

IEEE Engineering in Medicine and Biology Society/Standards Committee

**P1708**

Standard for Wearable Cuffless Blood Pressure Measuring Devices

**Recommendation: Approve modified PAR**

IEEE Power and Energy Society/Substations

**P1264**

Guide for Animal Deterrents for Electric Power Supply Substations

**Recommendation: Approve modified PAR**

IEEE Power and Energy Society/Transformers

**PC57.94**

Recommended Practice for Installation, Application, Operation, and Maintenance of Dry-Type Distribution and Power Transformers

**Recommendation: Approve modified PAR**

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

**P1896**

Standard for Identification of Contact Wire Used in Overhead Contact Systems

**Recommendation: Approve modified PAR**

**4.2 Extension Requests**

IEEE Nanotechnology Council/Standards Committee

**P62659**

Standard for Large Scale Manufacturing of Nanoelectronics

**Recommendation: Approve request for an extension until December 2015**

IEEE Power and Energy Society/Transmission and Distribution

**P519.1**

Guide for Applying Harmonic Limits on Power Systems

**Recommendation: Defer until August 2014 NesCom meeting**

IEEE Power and Energy Society/Transformers

**PC57.120**

Guide for Loss Evaluation of Distribution and Power Transformers and Reactors

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

IEEE Reliability Society/IEEE Reliability

**P61014**

Standard for Programmes for Reliability Growth

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

**4.3 New PARs**

IEEE Communications Society/Dynamic Spectrum Access Networks

**P1900.6-2011/Cor 1**

IEEE Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and Other Advanced Radio Communication Systems - Corrigendum 1

**Recommendation: Approve new PAR until December 2018**

IEEE Communications Society/Standards Development Board

**P1652a**

IEEE Standard for the Application of Free Field Acoustic Reference to Telephony Measurements Amendment a: Updated diffuse field graph and tables

**Recommendation: Approve new PAR until December 2018**

**P2410**

Biometrics Open Protocol Standard

**Recommendation: Approve new PAR until December 2018**

IEEE Industry Applications Society/Petroleum & Chemical Industry

**P80005-3**

Utility Connections in Port - Part 3: Low Voltage Shore Connection (LVSC) Systems  
- General Requirements

**Recommendation: Approve new PAR until December 2018**

IEEE Industry Applications Society/Power Systems Protection

**P2408**

Guide for Communications-Based Protection of Industrial and Commercial Power Systems

**Recommendation: Defer until August 2014 NesCom meeting**

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

**P2414**

Standard for Jitter and Phase Noise

**Recommendation: Approve new PAR until December 2018**

IEEE Power and Energy Society/Insulated Conductors

**P1727-2013/Cor 1**

IEEE Guide for Working Procedures on Underground Transmission Circuits with  
Induced Voltage - Corrigendum 1

**Recommendation: Approve new PAR until December 2018**

IEEE Power and Energy Society/Power System Relaying

**PC37.249**

Guide for Categorizing Security Needs for Protection and Automation Related Data Files

**Recommendation: Conditionally approve new PAR until December 2018; contingent upon editorial changes being implemented in the JSA**

There was a discussion about the format of the JSA template, and it was decided that clarification is needed for the instructional text on the template. Peter Balma volunteered to chair an Ad Hoc to accomplish this. Along with Peter, the Ad Hoc will include Matt Ceglia, Jonathan Goldberg, Erin Spiewak, and Lisa Weisser.

**AI: Lisa to send the current JSA template to Peter.**

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

**PC62.72a**

Guide for the Application of Surge Protective Devices for Low Voltage (1000 Volts or Less) AC Power Circuits Amendment: SPD Disconnecter Application Considerations and Coordination for Use in Low Voltage AC (1000 V or Less, 50 or 60 Hz) Power Circuits

**Recommendation: Approve new PAR until December 2018**

**PC62.230**

Guide for Surge Protection of Electric Vehicle Infrastructure

**Recommendation: Approve new PAR until December 2018**

IEEE Power and Energy Society/Substations

**P80-2013/Cor 1**

IEEE Guide for Safety in AC Substation Grounding - Corrigendum 1

**Recommendation: Approve new PAR until December 2018**

**P1613-2009/Cor 1**

Standard Environmental and Testing Requirements for Communications Networking Devices Installed in Electric Power Substations - Corrigendum 1: Corrected definition of "communications port"

**Recommendation: Approve new PAR until December 2018**

IEEE Power and Energy Society/Transmission and Distribution

**P2030.7**

Standard for the Specification of Microgrid Controllers

**Recommendation: Approve new PAR until December 2018**

IEEE Power and Energy Society/Transformers

**P1538a**

Guide for Determination of Maximum Winding Temperature Rise in Liquid-Filled Transformers Amendment a

**Recommendation: Approve new PAR until December 2018**

**P60214-2**

Tap-Changers - Part 2: Application Guide

**Recommendation: Approve new PAR until December 2018**

**4.4 PARs for the Revision of Standards**

IEEE Industry Applications Society/Petroleum & Chemical Industry

**P1662**

Recommended Practice for Design and Application of Power Electronics in Electrical Power Systems

**Recommendation: Conditionally approve new PAR until December 2018; contingent upon editorial changes being implemented in the JSA**

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

**P1057**

Standard for Digitizing Waveform Recorders

**Recommendation: Approve PAR for the revision of a standard until December 2018**

IEEE Power and Energy Society/Power System Relaying

**PC37.94**

Standard for N Times 64 Kilobit per Second Optical Fiber Interfaces between Teleprotection and Multiplexer Equipment

**Recommendation: Approve PAR for the revision of a standard until December 2018**

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

**PC62.62**

Standard Test Specifications for Surge-Protective Devices (SPDs) for Use on the Load Side of the Service Equipment in Low-Voltage (1000 V and Less) AC Power Circuits

**Recommendation: Approve PAR for the revision of a standard until December 2018**

IEEE Power and Energy Society/Transformers

**PC57.110**

Recommended Practice for Establishing Liquid-Immersed and Dry-Type Power and Distribution Transformer Capability when Supplying Nonsinusoidal Load Currents

**Recommendation: Approve PAR for the revision of a standard until December 2018**

**5 OLD BUSINESS**

**6 NEW BUSINESS**

**6.1 Date for October Continuous Processing Teleconference**

Lisa mentioned the potential date for the October continuous processing teleconference and the committee took a quick survey of availability.

**AI: Lisa will send a Doodle poll to determine the date that will allow for maximum participation.**

**7 NEXT MEETING**

The next meeting of NesCom will take place on 20 August 2014 in Beijing, PRC.

**8 ADJOURNMENT**

There being no further business, the meeting was adjourned at 10:45 a.m.