

NesCom Minutes

28 March 2012

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

**28 March 2012****9:00 am – 2:00 pm****Piscataway, NJ, USA****Members Present:**

Peter Balma  
Wael Diab  
Michael Janezic  
Oleg Logvinov  
Raj Madhavan  
Ted Olsen  
Jon Rosdahl, Chair  
Curtis Siller  
Adrian Stephens  
Jerry Thrasher  
Yatin Trivedi  
Don Wright  
Yu Yuan

**Members Absent:**

Young Kyun Kim  
Thomas Lee

**Guests:**

Chuck Adams  
Paul Eastman  
Feng Hu  
Jim Hughes  
John Kulick  
Will Lumpkins  
Paul Nikolich  
Ron Petersen  
Mike Seavey  
Claire Topp  
Chuck Walrad

**Staff:**

Kathryn Bennett  
Christina Boyce  
Matthew Ceglia  
Rona Gertz  
Mary Ellen Hanntz  
Yvette HoSang  
Karen Kenney  
Mike Kipness  
Gregory Marchini  
Mary Lynne Nielsen  
Lisa Perry  
Walter Pienciak  
Edward Rashba  
Dave Ringle  
Cherry Tom  
Sue Vogel  
Joan Woolery  
Lisa Yacone – Administrator

**1. CALL TO ORDER**

Jon Rosdahl, Chair, called the meeting to order at 9:00 a.m. and welcomed the new committee for 2012. Introductions were made around the room.

**[All votes are unanimous, unless otherwise stated.]**

**2. REVIEW AND APPROVAL OF AGENDA**

A motion was made and seconded to approve the agenda [Version 3 at the time of the meeting]. Upon vote, the motion was approved.

**2.1 Consent Agenda****2.1.1 Withdrawal Requests**

IEEE Vehicular Technology Society/Intelligent Transportation Systems

**1609.1**

Standard for Wireless Access in Vehicular Environments (WAVE) - Resource Manager

**Recommendation: Approve PAR withdrawal**

**2.1.2 PAR Number Change Request – P3333 to P3333.1**

Request approved as part of the consent agenda

**3 Approval of Minutes from the 6 December 2011 Meeting**

A motion was made, and seconded to approve the 6 December 2011 NesCom minutes. Upon vote, the motion passed.

**4 PARs for Discussion**

**4.1 Modified PARs**

IEEE Industry Applications Society/Petroleum & Chemical Industry

**P1584**

Guide for Performing Arc-Flash Hazard Calculations

**Recommendation: Approve modified PAR**

IEEE Power and Energy Society/Power System Relaying

**PC37.98**

Standard for Seismic Qualification Testing of Protective Relays and Auxiliaries for Nuclear Facilities

**Recommendation: Approve modified PAR**

IEEE Power and Energy Society/Stationary Batteries Committee

**P1491**

Guide for Selection and Use of Battery Monitoring Equipment in Stationary Applications

**Recommendation: Approve modified PAR**

IEEE Power and Energy Society/Substations

**P998**

Guide for Direct Lightning Stroke Shielding of Substations

**Recommendation: Approve modified PAR**

[Chair Rosdahl recused himself]

**P1815.1**

Standard for Exchanging Information Between Networks Implementing IEC 61850 and IEEE Std 1815 (Distributed Network Protocol - DNP3)

**Recommendation: Approve modified PAR**

## 4.2 Extension Requests

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

### **P11073-10102**

Standard for Health informatics - Point-of-care medical device communication - Nomenclature - Annotated ECG

**Recommendation: Approve request for an extension until December 2012**

IEEE Industry Applications Society/Petroleum & Chemical Industry

### **P1683**

Standard for Motor Control Centers Rated Up To and Including 600 Vac or 1000 Vdc with Requirements Intended to Reduce Electrical Hazards While Performing Defined Operations.

**Recommendation: Approve request for an extension until December 2014**

IEEE Power and Energy Society/Substations

### **P80**

Guide for Safety in AC Substation Grounding

**Recommendation: Approve request for an extension until December 2013**

[Chair Rosdahl recused himself]

IEEE Power Electronics Society/Standards Committee

### **P1789**

Recommended Practices of Modulating Current in High Brightness LEDs for Mitigating Health Risks to Viewers

**Recommendation: Approve request for an extension until December 2014**

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

### **P1627**

Standard for Grounding Practices for dc Electrification Overhead Contact Systems, Including Application of Lightning Arresters, for Transit Systems

**Recommendation: Approve request for an extension until December 2013**

## 4.3 New PARs

IEEE-SA Board of Governors/Corporate Advisory Group

### **P1858**

Standard for Camera Phone Image Quality (CPIQ)

**Recommendation: Approve new PAR until December 2016**

IEEE Computer Society/LAN/MAN Standards Committee

**P802.3bk**

IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications Amendment: Physical Layer Specifications and Management Parameters for Extended Ethernet Passive Optical Networks

**Recommendation: Approve new PAR until December 2016**

**P802.15.4n**

IEEE Standard for Local and metropolitan area networks--Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) Amendment: Physical Layer Utilizing Dedicated Medical Bands in China

**Recommendation: Approve new PAR until December 2016**

**P802.15.4p**

IEEE Standard for Local and metropolitan area networks--Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) Amendment: Positive Train Control (PTC) System Physical Layer

**Recommendation: Approve new PAR until December 2016**

**P802.15.8**

Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Peer Aware Communications (PAC)

**Recommendation: Approve new PAR until December 2016**

**P802.21d**

IEEE Standard for Local and metropolitan area networks -- Part 21: Media Independent Handover Services Amendment: Multicast Group Management

**Recommendation: Approve new PAR until December 2016**

IEEE Computer Society/Standards Activities Board

**P1857**

Standard for Advanced Audio and Video Coding

**Recommendation: Approve new PAR until December 2016**

**P3333.2**

Standard for Three-Dimensional Model Creation Using Unprocessed 3D Medical Data

**Recommendation: Approve new PAR until December 2016**

IEEE Industry Applications Society/Technical Books Coordinating Committee

**P3006.5**

Recommended Practice for the Use of Probability Methods for Conducting a Reliability Analysis of Industrial and Commercial Power Systems

**Recommendation: Approve new PAR until December 2016**

IEEE Power and Energy Society/Nuclear Power Engineering

**P1707**

Recommended Practice for the Investigation of Events at Nuclear Facilities

**Recommendation: Approve new PAR until December 2016**

IEEE Power and Energy Society/Power System Relaying

**PC37.245**

Guide for the Application of Protective Relaying for Phase Shifting Transformers

**Recommendation: Defer approval of new PAR until the June 2012 NesCom meeting so that further edits can be made to the PAR.**

IEEE Power and Energy Society/Switchgear

**PC37.42**

Specifications for High-Voltage (>1000 V) Distribution and Power Class Fuses, Distribution Enclosed Single-Pole Air Switches and Accessories Used with These Devices

**Recommendation: Approve new PAR until December 2016**

IEEE Reliability Society/IEEE Reliability

**P1856**

Standard Framework for Prognostics and Health Management of Electronic Systems

**Recommendation: Approve new PAR until December 2016**

IEEE Vehicular Technology Society/Intelligent Transportation Systems

**P1609.6**

Standard for Wireless Access in Vehicular Environments (WAVE) - Remote Management Service

**Recommendation: Conditionally approve new PAR until December 2016 contingent upon the Working Group chair information being added to the PAR form.**

**4.4 PARs for the Revision of Standards**

IEEE Power and Energy Society/Insulated Conductors

**P1610**

Guide for the Application of Faulted Circuit Indicators on Distribution Circuits

**Recommendation: Approve PAR for the revision of a standard until December 2016**

IEEE Power and Energy Society/Nuclear Power Engineering

**P352**

Guide for General Principles of Reliability Analysis of Nuclear Power Generating Station Systems and Other Nuclear Facilities

**Recommendation: Approve PAR for the revision of a standard until December 2016**

**P1082**

Guide for Incorporating Human Reliability Analysis into Probabilistic Risk Assessments for Nuclear Power Generating Stations and other Nuclear Facilities

**Recommendation: Approve PAR for the revision of a standard until December 2016**

IEEE Power and Energy Society/Power System Relaying

**PC37.119**

Guide for Breaker Failure Protection of Power Circuit Breakers

**Recommendation: Approve PAR for the revision of a standard until December 2016**

IEEE Power and Energy Society/Stationary Batteries Committee

**P1189**

Guide for Selection of Batteries for Stationary Applications

**Recommendation: Approve PAR for the revision of a standard until December 2016**

IEEE Power and Energy Society/Transmission and Distribution

**P563**

Guide on Conductor Self-Damping Measurements

**Recommendation: Defer approval of PAR for the revision of a standard until the 04 May 2012 NesCom Continuous Processing telecon so that further edits can be made to the PAR.**

Peter Balma was assigned as mentor to assist with the edits.

**P664**

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

**Recommendation: Defer approval of PAR for the revision of a standard until the 04 May 2012 NesCom Continuous Processing telecon so that further edits can be made to the PAR.**

Peter Balma will also assist with this PAR.

IEEE Power and Energy Society/Transformers

**PC57.93**

Guide for Installation and Maintenance of Liquid-Immersed Power Transformers

**Recommendation: Approve PAR for the revision of a standard until December 2016**

IEEE Power Electronics Society/Standards Committee

**P388**

Standard for Transformers and Inductors in Electronic Power Conversion Equipment

**Recommendation: Approve PAR for the revision of a standard until December 2016****P389**

Recommended Practice for Testing Transformers and Inductors for Electronics Applications

**Recommendation: Approve PAR for the revision of a standard until December 2016****5 Old Business****5.1 Withdrawal and Resubmittal Ad Hoc - Information - Ted Olsen**

Ted reported that the ad hoc had not conducted any meetings since he had agreed to take on the role of chair from Sam Sciacca at the January NesCom telecon. Yatin Trivedi, Peter Balma, Michael Janezic and Erin Spiewak will continue to work with Ted and report back at the June meeting.

**5.2 Affiliation on PAR Ad Hoc - Information - Mike Seavey**

At the December 2011 NesCom meeting, this ad hoc had been formed to follow up on a request from the Corporate Advisory Group (CAG) to consider adding an affiliation field to the PAR form. Mike gave a presentation which reviewed the scope of the ad hoc and the pros and cons of adding an affiliation field. The final recommendation from the ad hoc was to make no change to the PAR form. NesCom was in agreement with the ad hoc's finding. Chair Rosdahl thanked the ad hoc for its work. The ad hoc was then disbanded.

**5.3 myProject Updates - Information - Boyce/Marchini**

Greg Marchini gave a presentation which updated the NesCom members on the progress of open myProject tickets.

Upon reviewing Ticket #981 regarding the NesCom vote timestamp, it was noted that a discussion about the timestamps was held earlier in the meeting during agenda item 4. PARs for Discussion. There was debate about whether or not it was helpful having the PAR submitter see the preliminary/non-binding vote. A concern was voiced that an approve vote might send mixed signals as to whether a corresponding comment needed a response. Work on this ticket will be put on hold so that NesCom can discuss this issue further.

Greg also explained and showed screen shots of some of the upcoming changes to the PAR form and user interface. These changes are currently in development.

One of the changes will include having some instructional text hidden from view until mouse-over. Adrian Stephens requested that the "print view" or PDF of a draft PAR form include all of the instructional text. Greg stated that this was not a part of the original ticket request but that he would see if it could be included.

#### **5.4 ProCom Report - Information from Co-Sponsorship ad hoc – Wael Diab**

Wael shared a presentation from the co-sponsorship ad hoc which had been presented to ProCom and AudCom the day prior. This presentation included proposed IEEE-SASB OpMan language, proposed changes to the Sponsor P&P Baseline and an example of the proposed Joint Sponsorship Agreement (JSA). Questions arose as to where the JSA would live and what exactly NesCom would do with the information [i.e. Were they "approving" it?] It was suggested that the ad hoc might need to further discuss process as well as policy. Dave Ringle encouraged the ad hoc to consider incorporating the JSA into the PAR form process so as not to have ancillary documents. Wael thanked NesCom for their input and said that the ad hoc would continue and bring back revised documents in June. NesCom members Adrian Stephens and Oleg Logvinov were added to the ad hoc.

### **6 New Business**

#### **6.1 8 Year Rule in Regards to Extension Requests – Information – Peter Balma**

Peter gave a brief presentation reviewing the current NesCom convention regarding extension requests and posed several questions to the committee such as: When do you consider a ballot opened?, Should NesCom be more consistent in enforcing the current convention?, and How does the new reaffirmation process affect this convention? After discussion it was decided that the questions and concerns presented should be discussed in conjunction with the current Withdrawal and Resubmittal ad hoc.

#### **6.2 Can a Title Be Updated in an Amendment PAR? – Information – Mike Seavey**

Mike Seavey explained that this question arose in one of his working groups. The group has a PAR for Revision for their project. While working on the draft they realized the project is more of an amendment than a revision but they did need to make a change to the title.

After some discussion, the conclusion was that an amendment addresses change in content and not front matter. The title is part of the front matter so it cannot be changed in an amendment. It was also noted that, with the new reaffirmation rule, publishing an amendment would still require a revision within the ten year time frame of the publication of the base document.

#### **6.3 Tips for New NesCom Members - Ted Olsen**

Ted gave the committee a presentation on the process he uses for reviewing PARs on each agenda.



### **7 Next Meeting**

The next meeting of NesCom is a Continuous Processing telecon scheduled for 4 May 2012 at 10:00 a.m. EDT. The submittal deadline for the May meeting is 30 March 2012.

The next face to face meeting of NesCom is scheduled for 7 June 2012 in Beijing, PRC. The submittal deadline for the June meeting is 27 April 2012. A straw poll vote indicated there would be quorum at the June meeting.

### **8 Adjournment**

There being no further business, the meeting was adjourned at 12:20 p.m.