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

30 March 2011
8:30 a.m. – 2:00 p.m.
Piscataway, NJ USA

Members Present:
Peter Balma
Jean-Philippe Faure
Andy Ford
Michael Janezic
Thomas Lee
Hung Ling
Ted Olsen
Jon Rosdahl
Sam Sciacca
Yatin Trivedi
Don Wright

Members Absent:
Young Kyun Kim
Mike Seavey

Guests:
Dennis Brophy
Dick DeBlasio
Wael Diab
Stanislav Filin
Bob Grow
Hiroshi Harada
Jim Hughes
Rich Hulett
Joe Koepfinger
John Kulick
Steve Mills
Paul Nikolich
Michael Stora
William Walsh

Staff:
Kathryn Bennett
Christina Boyce
Matthew Ceglia
Terry deCourcelle
Tricia Gerdon
Judy Gorman
Jodi Haasz
Mary Ellen Hanntz
Soo Kim
Mike Kipness
Bob LaBelle
Mary Lynne Nielsen
Walter Pienciak
Terrance Pires
Dave Ringle
Erin Spiewak
Michele Turner
Joan Woolery
Malia Zaman

1 CALL TO ORDER

Jon Rosdahl, Chair, called the meeting to order at 9:00 a.m. Introductions were made around the room.

{All votes are unanimous, unless otherwise stated.}

2 REVIEW AND APPROVAL OF AGENDA

Chair Rosdahl requested that agenda item 4.3.6 be moved to 4.3.14.

A motion was made and seconded to approve the agenda as amended. The motion passed.

2.1 Consent Agenda

2.1.1 PARs to be Withdrawn at the Request of the Sponsor

IEEE Computer Society/Design Automation

P1778
Standard for Esterel v7 Language Reference Manual
Recommendation: Approve PAR withdrawal.

IEEE Nanotechnology Council/Standards Committee

P1650
Standard Test Methods for Measurement of Electrical Properties of Carbon Nanotubes
Recommendation: Approve PAR withdrawal.

IEEE Power and Energy Society/Insulated Conductors

P1781
Guide for the Application of Extruded Conductor and Insulation Shields for Shielded Power Cables Rated 5 kV to 500 kV AC
Recommendation: Approve PAR withdrawal.

IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety

P1528.1
Recommended Practice for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz: General Requirements for Using the Finite Difference Time Domain (FDTD) Method for SAR Calculations
Recommendation: Approve PAR withdrawal.

P1528.2
Recommended Practice for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz: Specific Requirements for Finite Difference Time Domain (FDTD) Modeling of Vehicle Mounted Antenna Configurations
Recommendation: Approve PAR withdrawal.

2.1.2 Administrative Withdrawal

IEEE Instrumentation and Measurement Society/TC8 – Automated Test Systems and Instrumentation Committee

P1155
Standard for VMEbus Extensions for Instrumentation: VXIbus Development
Recommendation: Approve PAR withdrawal.

2.1.3 PAR Numbering Change Requests

Renumbering P1416 to C37.122.6.pdf, Renumbering P60092-510 to P80005-1
Recommendation: Approve

3. APPROVAL OF MINUTES FROM THE 7 DECEMBER 2010 NESCOM MEETING

A motion was made, and seconded to approve the 7 December 2010 NesCom minutes. Upon vote, the motion passed.

4. PARS FOR DISCUSSION

4.1 Modified PARs

IEEE Computer Society/Environmental Assessment of Standards Committee

P1680.2
Standard for Environmental Assessment of Imaging Equipment
Recommendation: Approve modified PAR until December 2013

P1680.3
Standard for Environmental Assessment of Televisions
Recommendation: Approve modified PAR until December 2013

IEEE Computer Society/LAN/MAN Standards Committee

P802.15.7
Standard for Short-Range Wireless Optical Communication using Visible Light
Recommendation: Approve modified PAR until December 2012

IEEE Computer Society/Software & Systems Engineering Standards Committee

P26512
Standard for Systems and software engineering - Requirements for acquirers and suppliers of user documentation
Recommendation: Approve modified PAR until December 2013

IEEE Industry Applications Society/Petroleum & Chemical Industry

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 modified PAR until December 2013

P60092-510
Standard for Cold Ironing - Part 1: High Voltage Shore Connection (HVSC) Systems-General Requirements
Recommendation: Approve modified PAR until December 2013

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

P1658
Standard for Terminology and Test Methods of Digital-to-Analog Converter Devices
Recommendation: Approve modified PAR until December 2011

IEEE Power and Energy Society/Nuclear Power Engineering

P62582-1
Standard for Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 1: General
Recommendation: Approve modified PAR until December 2013

P62582-2
Standard for Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 2: Indenter modulus
Recommendation: Approve modified PAR until December 2013

P62582-3
Standard for Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 3: Elongation at break
Recommendation: Approve modified PAR until December 2013

P62582-4
Standard for Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods Part 4: Oxidation induction techniques
Recommendation: Approve modified PAR until December 2013

IEEE Power and Energy Society/Stationary Batteries Committee

P535
Standard for Qualification of Class 1E Vented Lead Acid Storage Batteries for Nuclear Power Generating Stations
Recommendation: Approve modified PAR until December 2013

IEEE Power and Energy Society/Substations

P1031
Guide for the Functional Specification of Transmission Static Var Compensators

Recommendation: Approve modified PAR until December 2011

P1613
Standard for Environmental and Testing Requirements for Communications Networking Devices Installed in Electric Power Facilities
Recommendation: Approve modified PAR until December 2014

EEE Power and Energy Society/Switchgear

P62271-37-082
Standard for High-Voltage Switchgear and Controlgear - Part 37-082: Standard practice for the
measurement of sound pressure levels on alternating current circuit-breakers
Recommendation: Approve modified PAR until December 2012

IEEE Power and Energy Society/Transmission and Distribution

P1835
Standard for Atmospheric (Above-Grade) Corrosion Control of Existing Electric Transmission, Distribution, and Substation Structures by Coating Systems
Recommendation: Approve modified PAR until December 2015

P1839
Standard for Below-Grade Corrosion Control of Transmission, Distribution, and Substation Structures by Coating Repair Systems
Recommendation: Approve modified PAR until December 2015

4.2 Extension Requests

No extension requests at this time.

4.3 New PARs

IEEE-SA Board of Governors/Corporate Advisory Group

P1860
Standard for Voltage and Reactive Power in 1000kV or Greater (Ultra High Voltage) AC Systems
Recommendation: Conditionally approve new PAR until December 2015 contingent of the edits that NesCom requested during the NesCom meeting being incorporated into the PAR [This condition has been met]

P1861
Standard for Acceptance Tests on Sitehand-Over Test of 1000kV or Greater (Ultra High Voltage) AC Electric Equipment and Commissioning Procedures

Recommendation: Conditionally approve new PAR until December 2015 contingent of the edits that NesCom requested during the NesCom meeting being incorporated into the PAR [This condition has been met]

P1862
Standard for Overvoltage and Insulation Coordination of 1000kV or Greater (Ultra High Voltage) AC Transmission Projects
Recommendation: Conditionally approve new PAR until December 2015 contingent of the edits that NesCom requested during the NesCom meeting being incorporated into the PAR [This condition has been met]

P3333
Standard for the Quality Assessment of Three Dimensional (3D) Displays, 3D Contents and 3D Devices based on Human Factors
Recommendation: Approve new PAR until December 2015

IEEE Communications Society/Standards Committee

P1906.1
Recommended Practice for Nanoscale and Molecular Communication Framework
Recommendation: Approve new PAR until December 2015

IEEE Engineering in Medicine and Biology Society/Standards Committee

P1822
Standard for Digital Microscope Analyzer, Whole Slide Image Scanner and Digital Microscope
Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Power System Relaying

PC37.244
Guide for Phasor Data Concentrator Requirements for Power System Protection, Control, and Monitoring
Recommendation: Approve new PAR until December 2015

IEEE Power and Energy Society/Transmission and Distribution

P1453.1
Adoption of IEC/TR 61000-3-7:2008, Electromagnetic compatibility (EMC)-Limits-Assessment of emission limits for the connection of fluctuating installations to MV, HV and EHV power systems
Recommendation: Approve new PAR until December 2015

IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety

P62704-1

Standard for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz. Part 1: General Requirements for using the Finite Difference Time Domain (FDTD) Method for SAR Calculations
Recommendation: Approve new PAR until December 2015

P62704-2
Standard for Determining the Peak Spatial Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz. Part 2: Specific Requirements for Finite Difference Time Domain (FDTD) Modeling of Vehicle Mounted Antenna Configurations
Recommendation: Approve new PAR until December 2015

P62704-3
Standard for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body from Wireless Communications Devices, 30 MHz - 6 GHz. Part 3: Specific Requirements for Finite Difference Time Domain (FDTD) Modeling of Mobile Phones/Personal Wireless Devices
Recommendation: Approve new PAR until December 2015

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1833
Guide for the Design of Direct Current Overhead Contact Systems for Transit Systems
Recommendation: Approve new PAR until December 2015

IEEE Communications Society/Standards Committee

P1900.7
Radio Interface for White Space Dynamic Spectrum Access Radio Systems Supporting Fixed and Mobile Operation

Jon Rosdahl handed the gavel over to Sam Sciacca to chair the meeting for this agenda item.

There was a motion to disapprove the PAR on the grounds that the scope is too broad. The motion was seconded.

A lengthy discussion followed.

There was a motion to call the question. The motion was seconded. [Approve=6, Disapprove 3, Abstain=1]

Vote on the motion to disapprove the PAR [Approve=2, Disapprove=8]
The motion failed.

Recommendation: Approve new PAR until December 2015
[Approve=6, Disapprove=2, Abstain=2]

[This PAR was removed from the consent agenda of the Standard Board agenda of 31 March 2011. The Standards Board deferred consideration of this PAR until the June SASB meeting]

4.4 PARs for the Revision of Standards

IEEE Computer Society/Design Automation

P1076
Standard for VHDL Language Reference Manual
Recommendation: Approve PAR for the revision of a standard until December 2015

P1076.1
Standard VHDL Analog and Mixed-Signal Extensions
Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Instrumentation and Measurement Society/TC5 - Connectors in Measurements

P287
Standard for Precision Coaxial Connectors (DC to 110 GHz)
Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Nuclear Power Engineering

P383
Standard for Qualifying Electric Cables and Splices for Nuclear Facilities
Recommendation: Approve PAR for the revision of a standard until December 2015

P1205
Guide for Assessing, Monitoring, and Mitigating Aging Effects on Electrical Equipment Used in Nuclear Power Generating Stations and Other Nuclear Facilities
Recommendation: Approve PAR for the revision of a standard until December 2015

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

PC62.33
Standard for Test Methods and Performance Values of Metal-Oxide Varistor Surge Protective Components
Recommendation: Defer Motion to Approve PAR for the revision of a standard until the NesCom Continuous Processing telecon in May.

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 2015

P1402
Standard for Physical Security of Electric Power Substations
Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Switchgear

PC37.16
Standard for Preferred Ratings, Related Requirements, and Application Recommendations for Low-Voltage AC (1000 V and below) and DC (3200 V and below) Power Circuit Breakers
Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power and Energy Society/Transmission and Distribution

P1243
Guide for Improving the Lightning Performance of Transmission Lines
Recommendation: Conditionally approve PAR for the revision of a standard until December 2015 contingent upon wording change requested by NesCom in the NesCom meeting being incorporated into the PAR. [This condition has been met]

IEEE Power and Energy Society/Transformers

PC57.12.34
Standard for Requirements for Pad-Mounted, Compartmental Type, Self Cooled, Three Phase Distribution Transformers, 10 MVA and Smaller; High Voltage, 34.5kV Nominal System Voltage and Below; Low Voltage, 15kV Nominal System Voltage and Below
Recommendation: Approve PAR for the revision of a standard until December 2015

PC57.140
Guide for Evaluation and Reconditioning of Liquid Immersed Power Transformers
Recommendation: Approve PAR for the revision of a standard until December 2015

IEEE Power Electronics Society/Standards Committee

P1573
Recommended Practice for Electronic Power Subsystems: Parameters, Interfaces, Elements, and Performance

Recommendation: Conditionally approve PAR for the revision of a standard until December 2015 contingent upon removal of the last sentence of the scope from the PAR. [This condition has been met]

5 OLD BUSINESS

5.1 Ad hoc – To determine if Scope can be updated in an Amendment PAR – Update – Rosdahl

Jon Rosdahl led the ad hoc in place of Glenn Parsons who is no longer on NesCom. The ad hoc met by telecon on 8 March 2011. A decision was made to present the following view to NesCom:

- Amendments may change the scope/purpose – to a degree
  - Amendments are allowed to make any change to the base standard
  - NesCom will decide if the degree of change is allowable for an Amendment
    - If not, NesCom will request the PAR be changed to a revision.

The IEEE-SASB OpsMan, the Style Manual, NesCom Conventions and the PAR form would need to be updated if this view is to be implemented.

A motion was made and seconded to forward the ad hoc report/recommendations to ProCom and PatCom for consideration and disband the ad hoc. Upon vote, the motion passed.

5.2 Ad hoc –Initiating Adoption of a Draft Standard Before it is Finished – Seavey

This item was deferred to the June meeting due to lack of time.

6 NEW BUSINESS

6.1 Review of myProject tool – All

Don Wright gave a presentation to NesCom showing three areas [voting, commenting and email notification] where myProject tools might be improved. Jean Philippe Faure added an additional suggestion to improve NesCom's review of PAR scope. All four improvements will be added as ticket items so that they can be prioritized and budgeted for.

7. NEXT MEETING

The next meeting of NesCom for Continuous Processing is scheduled to take place on 06 May 2011 by telecon. The next quarterly meeting of NesCom is scheduled for 15 June 2011 in Piscataway, NJ, USA.

8. ADJOURNMENT

There being no other business, Chair Rosdahl adjourned the meeting at 2:12 p.m.