

NesCom Meeting Minutes

25 March 2015

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

25 March 2015

Austrian Electrotechnical Association (OVE), Vienna, Austria

8:00 a.m. – 10:30 a.m.

Members Present:

Osama Aboul-Magd  
Stephen Dukes  
James Gilb  
Mike Janezic  
Xiaohui Liu  
Andrew Myles  
Annette Reilly  
Jon Rosdahl  
Phil Winston, Chair

Ron Petersen  
Gary Robinson  
Steve Shellhammer  
Adrian Stephens  
Claire Topp  
Yatin Trivedi  
Mehmet Ulema  
Diego Vicentin  
Don Wright  
Yu Yuan  
Francesco Zacca  
Daidi Zhong

Members Absent:

Kevin Lu  
Curtis Siller

Staff:

Matt Ceglia  
Tom Compton  
Karen Evangelista  
Mary Ellen Hanntz  
Yvette Ho Sang  
Konstantinos Karachalios  
Karen Kenney  
Mary Lynne Nielsen  
Dave Ringle  
Rudi Schubert  
Sam Sciacca  
Lisa Weisser, Administrator

Guests:

Ted Burse  
Lillie Coney [part-time by phone]  
Jean-Philippe Faure  
Michel Goudelis  
Travis Griffith  
Gary Hoffman  
Rich Hulett  
Thomas Koshy  
Bruce Kraemer  
John Kulick  
David Law  
Ted Olsen  
Glenn Parsons

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

Chair Winston called the meeting to order at 8:00 a.m. There was a round of introductions by all present.

**2 REVIEW OF AGENDA**

Chair Winston noted that there were two time sensitive PAR discussions; consideration of P1904.1 would occur at 8:20 a.m. and consideration of P1912 would occur at 10:00 a.m. in order to enable each Working Group Chair to join the discussion by phone. All were in agreement with these agenda changes.

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 Computer Society/Microprocessor Standards Committee**

##### **P1722a**

IEEE Standard for Layer 2 Transport Protocol for Time Sensitive Applications in a Bridged Local Area Network Amendment 1 - Extensible Streaming Formats

**Recommendation: Approve PAR withdrawal**

#### **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 PAR withdrawal**

**2.1.2 A Project Number Change Request was approved for PC57.129 Converter Transformers for HVDC Applications. The new PAR number will be 60076-57-129.**

## **3 APPROVAL OF MINUTES FROM THE 9 DECEMBER 2014 MEETING**

There was a motion to approve the 9 December 2014 NesCom meeting minutes. There was no objection to unanimous consent.

## **4 PARS FOR DISCUSSION**

### **4.1 Modified PARs**

#### **IEEE Engineering in Medicine and Biology Society/Standards Committee**

##### **P1847**

Recommended Practice for Common Framework of Location Services (LS) for Healthcare

**Recommendation: Approve modified PAR**

**AI:** Lisa Weisser will update the Joint Sponsor Agreement to match the PAR by removing the word "Based" from Location-Based Services, and the "B" from the acronym LBS.

#### IEEE Instrumentation and Measurement Society/TC4 - High Frequency Measurement

##### **P378**

Recommended Practices for Scattering Parameter Measurements Using Network Analyzers

**Recommendation: Disapprove modified PAR**

**AI:** Mike Janezic offered to mentor Brian Lee to help get the PAR filled out.

#### IEEE Power and Energy Society/Stationary Batteries Committee

##### **P946**

Recommended Practice for the Design of DC Power Systems for Stationary Applications

**Recommendation: Approve modified PAR**

#### IEEE Power and Energy Society/Transformers

##### **PC57.157**

Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid Filled Transformers

**Recommendation: Approve modified PAR**

#### **4.1.1 P1847 Joint Sponsorship Agreement**

NesCom reviewed the JSA for P1847 and agreed that it was completed correctly.

#### **4.2 Extension Requests**

#### IEEE Power and Energy Society/Substations

##### **P1821**

Guide for Usage of Design Tools for Power Electronic Building Blocks (PEBB) and PEBB Based Systems

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

#### **4.3 New PARs**

#### IEEE-SA Board of Governors/Corporate Advisory Group

##### **P1863**

Guide for Overhead AC Transmission Line Design

**Recommendation: Approve new PAR until December 2019**

**IEEE Computer Society/Design Automation****P1735-2014/Cor 1**

Recommended Practice for Encryption and Management of Electronic Design Intellectual Property (IP) - Corrigendum 1: Correction to Rights Digest Description

**Recommendation: Approve new PAR until December 2019**

**IEEE Computer Society/LAN/MAN Standards Committee****P802.3bz**

Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 2.5 Gb/s and 5 Gb/s Operation

**Recommendation: Approve new PAR until December 2019**

**P802.11ay**

Standard for Information Technology--Telecommunications and Information Exchange Between Systems Local and Metropolitan Area Networks--Specific Requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications--Amendment: Enhanced Throughput for Operation in License-Exempt Bands Above 45 GHz

**Recommendation: Approve new PAR until December 2019**

**P802.15.3e**

Standard for Information Technology-- Local and Metropolitan Area Networks-- Specific Requirements-- Part 15.3: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for High Rate Wireless Personal Area Networks (WPAN) Amendment: High-Rate Close Proximity Point-to-Point Communications

**Recommendation: Approve new PAR until December 2019**

**IEEE Computer Society/ Voting Systems Standards Committee****P1622.7**

Standard for Electronic Pollbook Data Interchange Format

**Recommendation: Approve new PAR until December 2019**

**IEEE Consumer Electronics Society/Standards Committee****P3030**

Standard for Consumer 3D Printing: Overview and Architecture

**Recommendation: Approve new PAR until December 2019**

**IEEE Computational Intelligence Society/Standards Committee****P1849**

Standard for XES - eXtensible Event Stream - For Achieving Interoperability in Event Logs and Event Streams

**Recommendation: Approve new PAR until December 2019**

### IEEE Communications Society/ Power Line Communications

#### **P1901.2a**

Standard for Low-Frequency (less than 500 kHz) Narrowband Power Line Communications for Smart Grid Applications Amendment to IEEE Standard 1901.2-2013 Standard for Low-Frequency (less than 500 kHz) Narrowband Power Line Communications for Smart Grid Applications

**Recommendation: Approve new PAR until December 2019**

### IEEE Communications Society/ Standards Development Board

#### **P1912**

Standard for Privacy and Security Architecture for Consumer Wireless Devices

**Recommendation: Conditionally approve new PAR until December 2019; contingent upon adding 802.1x to section 7.1 and providing an explanation of the similarities.**

The Working Group Chair for this project, Lillie Coney joined the meeting by phone for the NesCom discussion about the PAR. The PAR was conditionally approved by NesCom because similar IEEE projects were not listed on the PAR. It was agreed that section 7.1 on the PAR form should include similar projects both internal and external to IEEE. There was also a request by CES for Joint Sponsorship, which will be discussed by the two Sponsor Chairs. As this is an individual project, Lillie welcomed participation by anyone with a related interest.

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

#### **P11073-10426**

Health Informatics - Personal Health Device Communication - Device Specialization  
- Personal Respiratory Therapy Equipment

**Recommendation: Approve new PAR until December 2019**

#### **P11073-10427**

Health Informatics - Personal Health Device Communication - Device Specialization  
- Monitoring Power Status of Critical Care Devices Equipment

**Recommendation: Approve new PAR until December 2019**

### IEEE Industry Applications Society/Petroleum & Chemical Industry

#### **P45.4**

Recommended Practice for Electrical Installations on Shipboard - Marine Sectors and Mission Systems

**Recommendation: Approve new PAR until December 2019**

### IEEE Power and Energy Society/Nuclear Power Engineering

**P2420**

Standard Criteria for Combustion Turbine Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations

**Recommendation: Approve new PAR until December 2019**

IEEE Power and Energy Society/ Power System Relaying

**P61850-9-3**

Precision Time Protocol Profile for Power Utility Automation

**Recommendation: Defer new PAR until the next NesCom meeting.**

IEEE-SASB Coordinating Committees/SCC42 - Transportation

**P2040**

Standard for Connected, Automated and Intelligent Vehicles: Overview and Architecture

**Recommendation: Conditionally approve new PAR until December 2019; contingent upon deleting part of the last sentence in section 5.2 and adding explanatory text about section 5.2 in section 8.1 with the reference to 5.2.**

**P2040.1**

Standard for Connected, Automated and Intelligent Vehicles: Taxonomy and Definitions

**Recommendation: Conditionally approve new PAR until December 2019; contingent upon adding explanatory text about section 5.2 in section 8.1 with the reference to 5.2.**

**P2040.2**

Standard for Connected, Automated and Intelligent Vehicles: Testing and Verification

**Recommendation: Defer new PAR until the next NesCom meeting.**

**4.4 PARs for the Revision of Standards**

IEEE Aerospace and Electronic Systems Society/Radar Systems Panel

**P686**

Standard Radar Definitions

**Recommendation: Approve PAR for the revision of a standard until December 2019**

IEEE Communications Society/Standards Development Board

**P1904.1**

Standard for Service Interoperability in Ethernet Passive Optical Networks (SIEPON)

**Recommendation: Conditionally approve PAR for the revision of a standard**

**until December 2019; contingent upon adding the reference to section 7.4 back in to section 8.1.**

IEEE Power and Energy Society/ Electric Machinery

**P11**

Standard for Rotating Electric Machinery for Rail and Road Vehicles

**Recommendation: Approve PAR for the revision of a standard until December 2019**

IEEE Power and Energy Society/ Nuclear Power Engineering

**P384**

Standard Criteria for Independence of Class 1E Equipment and Circuits

**Recommendation: Approve PAR for the revision of a standard until December 2019**

**P741**

Standard Criteria for the Protection of Class 1E Power Systems and Equipment in Nuclear Power Generating Stations

**Recommendation: Approve PAR for the revision of a standard until December 2019**

IEEE Power and Energy Society/ Transmission and Distribution

**P1159**

Recommended Practice for Monitoring Electric Power Quality

**Recommendation: Approve PAR for the revision of a standard until December 2019**

IEEE Power and Energy Society/Transformers

**PC57.12.10**

Standard Requirements for Liquid-Immersed Power Transformers

**Recommendation: Approve PAR for the revision of a standard until December 2019**

**PC57.12.44**

Standard Requirements for Secondary Network Protectors

**Recommendation: Approve PAR for the revision of a standard until December 2019**

**PC57.105**

Guide for Application of Transformer Connections in Three-Phase Electrical Systems

**Recommendation: Approve PAR for the revision of a standard until December 2019**

**PC57.109**

Guide for Liquid-Immersed Transformers Through-Fault-Current Duration  
***Recommendation: Approve PAR for the revision of a standard until December 2019***

#### **4.4.1 P11 JSA**

NesCom reviewed the JSA for P11 and agreed that it was completed correctly.

### **5 OLD BUSINESS**

There was no old business.

### **6 NEW BUSINESS**

#### **6.1 Review of Appropriate Number of Individuals or Entities for Projects**

Andrew Myles proposed that this topic be discussed at the NesCom Teleconference in June.

### **7 NEXT MEETING**

The next meeting of NesCom will be a Teleconference on 5 June 2015 at 9:00 a.m. ET, with a submittal deadline of 24 April 2015. The next in-person meeting will take place on 2 September 2015 in Tokyo, Japan. The submittal deadline is 24 July 2015.

### **8 ADJOURNMENT**

The meeting went past the end time and reconvened at 12:30 p.m. after a brief intermission. The meeting was adjourned at 1:00 p.m.