

08-Dec-2009 NesCom Agenda

Agenda Version:3

Time: 9:00 a.m., ET

Location: Piscataway, NJ, USA

1. CALL TO ORDER

2. REVIEW OF AGENDA

2.1 Consent Agenda

2.1.1 Withdrawal Requests

IEEE Computer Society/Microprocessor Standards Committee

P1596a Comments/Vote

Amendment to Standard for Scalable Coherent Interface (SCI) (pdf)

P1639 Comments/Vote

Standard for Transmission of Musical Instrument Digital Interface (MIDI) Data Within Local Area Networks: Distributed MIDI - DMIDI (pdf)

IEEE Computer Society/Software & Systems Engineering Standards Committee

P2063 Comments/Vote

Standard for System and Software Life Cycle Processes--Requirements Engineering (pdf)

IEEE Nanotechnology Council/Standards Committee

P1690 Comments/Vote

Standard Methods for the Characterization of Carbon Nanotubes Used as Additives in Bulk Materials (pdf)

IEEE Power & Energy Society/Power System Instrumentation and Measurements

P4 Comments/Vote

Standard for High Voltage Test Techniques

IEEE Power & Energy Society/Transformers

PC57.133 Comments/Vote

Guide for Short-Circuit Testing of Distribution and Power Transformers (pdf)

2.1.2 PARs to be Administratively Withdrawn

[ref: PARsforAdministrativeWithdrawal2009.xls]

3. APPROVAL OF MINUTES FROM THE 10 SEPTEMBER 2009 MEETING

4. PARS FOR DISCUSSION

4.1 Modified PARs

IEEE Computer Society/Environmental Assessment Standards Committee

P1680 Comments/Vote

Standard for Environmental Assessment of Electronic Products

IEEE Computer Society/Local and Metropolitan Area Networks

P802.1Qaz Comments/Vote

Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area NetworksAmendment: Enhanced Transmission Selection for Bandwidth Sharing Between Traffic Classes

P802.22 Comments/Vote

Standard for Information Technology -Telecommunications and information exchange between systems - Wireless Regional Area Networks (WRAN) - Specific requirements - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Policies and procedures for operation in the TV Bands

IEEE Computer Society/Microprocessor Standards Committee

P1733 Comments/Vote

Standard for Layer 3 Transport Protocol for Time Sensitive Applications in Local Area Networks

IEEE Computer Society/Software & Systems Engineering Standards Committee

P24765 Comments/Vote

Standard for Systems and software engineering--Vocabulary

IEEE Communications Society/Standards Committee

P1901 Comments/Vote

Standard for Broadband over Power Line Networks: Medium Access Control and Physical Layer Specifications

IEEE Communications Society/Transmission Access & Optical Systems

P269 Comments/Vote

Standard Methods for Measuring Transmission Performance of Analog and Digital Telephone Sets, Handsets, and Headsets

IEEE Industry Applications Society/Petroleum & Chemical Industry

P515 Comments/Vote

Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Heat Tracing for Industrial Applications

P1584 Comments/Vote

Guide for Performing Arc-Flash Hazard Calculations

P1683 Comments/Vote

Guide for specifying Motor Control Centers Rated Up To 600 V ac or 1000 V dc with Features Intended to Enhance Safety".

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

P1241 Comments/Vote

Standard for Terminology and Test Methods for Analog-to-Digital Converters

IEEE Power & Energy Society/Switchgear

PC37.09b Comments/Vote

Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current BasisAmendment 2: To Change the Description of Transient Recovery Voltage for Harmonization with IEC 62271-100

PC37.47 Comments/Vote

Standard for Standard Specifications For High Voltage (> 1000 V) Current-Limiting Type Distribution Class Fuses and Fuse Disconnecting Switches

IEEE Power & Energy Society/Transformers

PC57.32 Comments/Vote

Standard for Standard Requirements, Terminology and Test Procedures for Neutral Grounding Devices

PC57.131 Comments/Vote

Standard Requirements for Tap Changers

IEEE-SASB Coordinating Committees/SCC31 - Automatic Meter Reading and Energy Management

P1377 Comments/Vote

Standard for Utility Industry Metering Communication Protocol Application Layer Standard (End Device Data Tables)

P1701 Comments/Vote

Standard for Optical Port Communication Protocol to complement the Utility Industry End Device Data Tables

P1702 Comments/Vote

Standard for Telephone Modem Communication Protocol to complement the Utility Industry End Device Data Tables

P1703 Comments/Vote

Standard for Local Area Network/Wide Area Network (LAN/WAN) Node Communication Protocol to complement the Utility Industry End Device Data Tables

P1705 Comments/Vote

Standard for Compliance Testing Standard for Utility Industry metering communications protocol standards

IEEE Vehicular Technology Society/Land Transportation

P1616a Comments/Vote

Standard for Motor Vehicle Event Data Recorders (MVEDRs) Amendment 1: Motor Vehicle Event Data Recorder Connector Lockout Apparatus (MVEDRCLA)

4.2 Extension Requests

IEEE Computer Society/Local and Metropolitan Area Networks

P802.16h Comments/Vote

Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed Broadband Wireless Access Systems - Improved Coexistence Mechanisms for License-Exempt Operation Amendment (pdf)

IEEE Computer Society/Microprocessor Standards Committee

P1363 Comments/Vote

Standard Specifications for Public Key Cryptography (pdf)

P1363.3 Comments/Vote

Standard for Identity-Based Cryptographic Techniques using Pairings (pdf)

P1596 Comments/Vote

Standard for Scalable Coherent Interface (SCI) (pdf)

IEEE Computer Society/Software & Systems Engineering Standards Committee

P1648 Comments/Vote

Recommended Practice for the Customer-Supplier Relationship in Agile Software Development (pdf)

IEEE Computer Society/Simulation Interoperability Stds Organization/Std Activities Committee

P1278.1 Comments/Vote

Standard for Distributed Interactive Simulation - Application Protocols (pdf)

P1516 Comments/Vote

Standard for Modeling and Simulation (M&S) High Level Architecture (HLA) -- Framework and Rules (pdf)

P1516.1 Comments/Vote

Standard for Modeling and Simulation (M&S) High Level Architecture (HLA)--Federate Interface Specification (pdf)

P1516.2 Comments/Vote

Standard for Modeling and Simulation (M&S) High Level Architecture (HLA)--Object Model Template (OMT) Specification

(pdf)

IEEE Computer Society/Test Technology

P1687 Comments/Vote

Standard for Access and Control of Instrumentation Embedded within a Semiconductor Device (pdf)

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1597.2 Comments/Vote

Recommended Practice for Validation of Computational Electromagnetics Computer Modeling and Simulations (pdf)

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1349 Comments/Vote

Guide for Application of Electric Motors in Class I, Division 2 and Class I, Zone 2 Hazardous (Classified) Locations (pdf)

P1683 Comments/Vote

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. (pdf)

IEEE Power & Energy Society/Energy Development & Power Generation

P1020 Comments/Vote

Guide for Control of Small (100 kVA to 5 MVA)Hydroelectric Power Plants (pdf)

IEEE Power & Energy Society/Insulated Conductors

P1299 Comments/Vote

Guide for the Connection of Surge Arresters to Protect Insulated, Shielded Electric Power Cable Systems (pdf)

P1637 Comments/Vote

Guide to Select Terminations for Shielded Power Cables 5-46kV (pdf)

IEEE Power & Energy Society/Nuclear Power Engineering

P692 Comments/Vote

Standard Criteria for Security Systems for Nuclear Power Generating Stations (pdf)

IEEE Power & Energy Society/Power System Instrumentation and Measurements

P1601 Comments/Vote

Standard for Optical A.C. Current and Voltage Sensing Systems

IEEE Power & Energy Society/Power System Relaying

PC37.105 Comments/Vote

Standard for Qualifying Class 1E Protective Relays and Auxiliaries for Nuclear Power Generating Stations (pdf)

IEEE Power & Energy Society/Stationary Batteries Committee

P450 Comments/Vote

Recommended Practice for Maintenance, Testing, and Replacement of Vented Lead-Acid Batteries for Stationary Applications (pdf)

P1679 Comments/Vote

Recommended Practice for the Characterization and Evaluation of Emerging Energy Storage Technologies in Stationary Applications (pdf)

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

PC62.35 Comments/Vote

Standard Test Methods for Avalanche Junction Semiconductor Surge-Protective Device Components (pdf)

PC62.44 Comments/Vote

Guide for the Application of Low-Voltage (1000 Volts rms or Less) Surge Protective Devices Used on Secondary Distribution Systems (Between the Transformer Low-Voltage Terminals and the Line Side of the Service Entrance Panel) (pdf)

IEEE Power & Energy Society/Substations

P1677 Comments/Vote

Application and User Guide for Gas-Insulated Transmission Lines (GIL), Rated 72.5 kV and Above (pdf)

IEEE Power & Energy Society/Switchgear

PC37.09b Comments/Vote

Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis -- Amendment 2: Transient Recovery Voltage Requirements During Power Tests (pdf)

IEEE Power & Energy Society/Transmission and Distribution

P977 Comments/Vote

Guide to Installation of Foundations for Transmission Line Structures (pdf)

P1651 Comments/Vote

Guide for Reducing Bird Related Outages (pdf)

P1656 Comments/Vote

Guide for Testing the Electrical, Mechanical, and Durability Performance of Wildlife Protective Devices on Overhead Power Distribution Systems Rated up to 38kV (pdf)

PC135.30 Comments/Vote

Standard for Ground Rod Electrode, Clamp & Coupling Specification (pdf)

IEEE Power & Energy Society/Transformers

P1277 Comments/Vote

Standard General Requirements and Test Code for Dry-Type and Oil-Immersed Smoothing Reactors for DC Power Transmission (pdf)

PC57.32 Comments/Vote

Standard Requirements, Terminology and Test Procedures for Neutral Grounding Devices (pdf)

PC57.91 Comments/Vote

Guide for Loading Liquid Immersed Transformers and Voltage Regulators (pdf)

PC57.131 Comments/Vote

Standard Requirements for Tap Changers (pdf)

PC57.139 Comments/Vote

Guide for Dissolved Gas Analysis in Transformer Load Tap Changers (pdf)

PC57.151 Comments/Vote

Guide for Sound Level Measurement Guide for Liquid Filled and Dry Type Transformers and Reactors (pdf)

IEEE Reliability Society/IEEE Reliability

P1413 Comments/Vote

Standard Framework for Reliability Prediction of Hardware (pdf)

IEEE-SASB Coordinating Committees/SCC20 - Test and Diagnosis for Electronic Systems

P1232 Comments/Vote

Standard for Artificial Intelligence Exchange and Service Tie to All Test Environments (AI-ESTATE) (pdf)

IEEE-SASB Coordinating Committees/SCC31 - Automatic Meter Reading and Energy Management

P1377 Comments/Vote

Standard for Utility Industry Metering Communication Protocol Application Layer Standard (End Device Data Tables) (pdf)

P1701 Comments/Vote

Standard for Optical Port Communication Protocol to complement the Utility Industry End Device Data Tables (pdf)

P1702 Comments/Vote

Standard for Telephone Modem Communication Protocol to complement the Utility Industry End Device Data Tables (pdf)

P1703 Comments/Vote

Standard for Local Area Network/Wide Area Network (LAN/WAN) Node Communication Protocol to complement the Utility Industry End Device Data Tables (pdf)

P1705 Comments/Vote

Standard for Compliance Testing Standard for Utility Industry metering communications protocol standards (pdf)

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

P1528.1 Comments/Vote

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 (pdf)

P1528.2 Comments/Vote

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 (pdf)

PC95.3.1 Comments/Vote

Recommended Practice for Measurements and Computation of Electric, Magnetic and Electromagnetic Fields With Respect to Human Exposure to Such Fields, 0 - 100 kHz (pdf)

IEEE Vehicular Technology Society/Rail Transit

P1473 Comments/Vote

Standard for Communications Protocol Aboard Passenger Trains (pdf)

P1482 Comments/Vote

Standard for Rail Vehicle Monitoring and Diagnostic Systems (pdf)

P1544 Comments/Vote

Standard for Transit Communications Interface Profiles (TCIP) for Railcar Basic Operating Unit Interoperability - Data Element Definitions (pdf)

P1627 Comments/Vote

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

P1629 Comments/Vote

Standard for Performance of dc Overhead Current Collectors for Transit Vehicles (pdf)

P1630 Comments/Vote

Standard for Supporting Structures for Overhead Contact Systems for Transit Systems (pdf)

P1653.1 Comments/Vote

Standard for Traction Power Rectifier Transformers for Substation Applications up to 1500 Volts dc Nominal Output

P1653.4 Comments/Vote

Standard for dc Traction Power System Field Testing and Acceptance Criteria for System Applications up to 1500 Volts dc Nominal

4.3 New PARs

IEEE Computer Society/Local and Metropolitan Area Networks

P802.1Qbg Comments/Vote

Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area NetworksAmendment: Edge Virtual Bridging

P802.1Qbh Comments/Vote

Standard for Local and Metropolitan Area Networks---Virtual Bridged Local Area NetworksAmendment: Bridge Port Extension

P802.3bf Comments/Vote

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 SpecificationsAmendment: Media Access Control (MAC) service interface and management parameters to support time synchronization protocols

P802.11ae Comments/Vote

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: Prioritization of 802.11 Management Frames

P802.11af Comments/Vote

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: Enhancements for Operation in unused TV channels (TV White Space)

P802.19.1 Comments/Vote

Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 19: TV White Space Coexistence Mechanisms

P802.21c Comments/Vote

Standard for Local and metropolitan area networks -- Part 21: Media Independent Handover ServicesAmendment:Optimized Single Radio Handovers

P802.22.3 Comments/Vote

Standard for Cognitive Medium Access Control (MAC) and Physical Layer (PHY) specifications: Policies and procedures for Scalable operations of Wireless Regional Area Networks (WRAN) in the TV Bands.

IEEE Communications Society/Standards Committee

P1904.1 Comments/Vote

Standard for Service Interoperability in Ethernet Passive Optical Networks

IEEE Industry Applications Society/Petroleum & Chemical Industry

P45.8 Comments/Vote

Recommended Practice for Electrical Installations on Shipboard- Cable Systems

P1673 Comments/Vote

Standard for Requirements for Conduit & Cable Seals for Field Connected Wiring to Equipment in Petroleum and Chemical Industry exposed to pressures above atmospheric (1.5 kilopascals, 0.22 psi).

P1814 Comments/Vote

Recommended Practice for Electrical System Design Techniques to Improve Electrical Safety

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3000 Comments/Vote

Recommended Practice for the Engineering of Industrial and Commercial Power Systems

P3001.1 Comments/Vote

Recommended Practice for the Planning of Industrial and Commercial Power Systems

P3001.5 Comments/Vote

Recommended Practice for Application of Power Distribution Apparatus in Industrial and Commercial Power Systems

P3001.11 Comments/Vote

Recommended Practice for Application of controllers and automation to Industrial and Commercial Power Systems

P3002.2 Comments/Vote

Recommended Practice for Conducting Load-Flow Studies of Industrial and Commercial Power Systems

P3002.3 Comments/Vote

Recommended Practice for Conducting Short-Circuit Studies of Industrial and Commercial Power Systems

P3004.3 Comments/Vote

Recommended Practice for the Application of Low-Voltage Fuses in Industrial and Commercial Power Systems

P3004.5 Comments/Vote

Recommended Practice for the Application of Low-Voltage Circuit Breakers in Industrial and Commercial Power Systems

IEEE Power & Energy Society/Electric Machinery

P1812 Comments/Vote

Guide for Testing Permanent Magnet Machines

IEEE Power & Energy Society/Insulated Conductors

P1813 Comments/Vote

Guide for Soil Thermal Stability Guide

IEEE Power & Energy Society/Transmission and Distribution

P1815 Comments/Vote

Standard for Electric Power Systems Communications - Distributed Network Protocol (DNP3)

IEEE Vehicular Technology Society/Rail Transit

P1558-2004/Cor 1 Comments/Vote

Standard for Software Documentation for Rail Equipment and Systems - Corrigendum 1

4.4 PARs for the Revision of Standards

IEEE Computer Society/Local and Metropolitan Area Networks

P802.17 Comments/Vote

Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 17: Resilient Packet Ring (RPR) Access Method and Physical Layer Specifications

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1017 Comments/Vote

Recommended Practice for Field Testing Electric Submersible Pump Cable

P1018 Comments/Vote
Recommended Practice for Specifying Electric Submersible Pump Cable--Ethylene-Propylene Rubber Insulation

P1019 Comments/Vote
Recommended Practice for Specifying Electric Submersible Pump Cable--Polypropylene Insulation

IEEE Power & Energy Society/Energy Development & Power Generation

P1207 Comments/Vote
Guide for the application of turbine governing systems for hydroelectric generating units

IEEE Power & Energy Society/Power System Instrumentation and Measurements

P4 Comments/Vote
Standard for High-Voltage Testing Techniques

IEEE Power & Energy Society/Stationary Batteries Committee

P1725 Comments/Vote
Standard for Rechargeable Batteries for Cellular Telephones

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

PC62.41.2 Comments/Vote
Standard for Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and less) AC Power Circuits

IEEE Power & Energy Society/Substations

P1127 Comments/Vote
Guide for the Design, Construction, and Operation of Electric Power Substations for Community Acceptance and Environmental Compatibility

IEEE Power & Energy Society/Switchgear

PC37.011 Comments/Vote
Guide for the Application of Transient Recovery Voltage for AC High-Voltage Circuit Breakers

IEEE Power & Energy Society/Transformers

PC57.12.01 Comments/Vote
Standard for Standard General Requirements for Dry-Type Distribution and Power Transformers Including Those with Solid Cast and/or Resin Encapsulated Windings

PC57.96 Comments/Vote
Guide for Loading Dry-Type Distribution and Power Transformers

IEEE-SASB Coordinating Committees/SCC20 - Test and Diagnosis for Electronic Systems

P1636.1 Comments/Vote
Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA): Exchanging Test Results and Session Information via the eXtensible Markup Language(XML)

IEEE Vehicular Technology Society/Rail Transit

P16 Comments/Vote
Standard for Electrical and Electronic Control Apparatus on Rail Vehicles

5. OLD BUSINESS

5.1 Ad hoc - International Joint Development Projects - Ford

5.2 Ad hoc - NesCom Policy on Base Standard Year - Prevost

6. NEW BUSINESS

7. NEXT MEETING

The next Continuous Processing telecon of NesCom will take place on 22 January 2010 at 2 p.m. ET.
The next quarterly meeting of NesCom will take place 24 March 2010 in Piscataway, NJ, USA.

8. ADJOURNMENT