25-Jan-2019 NesCom Agenda
Agenda Version: 5
Time: 10:00 a.m. ET
Location: Teleconference

1. CALL TO ORDER

2. REVIEW OF AGENDA

2.1 Consent Agenda

2.1.1 Approval of Minutes of the 4 December 2018 NesCom Meeting

2.1.2 Withdrawal Requests

- IEEE Engineering in Medicine and Biology Society/Standards Committee
  1. P2550 Comments/Vote
     Standard for Remote Monitoring of a Neonate and the Mother Post-Partum in a Non-Clinical Healthcare Setting (pdf)

- IEEE Electromagnetic Compatibility Society/Standards Development Committee
  2. P2667 Comments/Vote
     Recommended Practice for an Electromagnetic Immunity Site Survey

- IEEE Industry Applications Society/Petroleum & Chemical Industry
  3. P844.5 Comments/Vote
     Recommended Practice for the Design, Installation, Testing, Commissioning and Maintenance of Induction Heating Systems for Pipelines, Vessels, Equipment, Structures and Induction Susceptor Heating Furnaces (pdf)

2.1.3 Sponsor Change Request for P2140.1 'Standard for General Requirements for Cryptocurrency Exchanges'
[ref: Sponsor change request_P2140.1.pdf]

3. PARS FOR DISCUSSION

3.1 Modified PARs

- IEEE Computer Society/LAN/MAN Standards Committee
  1. P802.3cn Comments/Vote
     Standard for Ethernet Amendment: Physical Layers and Management Parameters for 50 Gb/s, 200 Gb/s, and 400 Gb/s Operation over Single-Mode Fiber

- IEEE Engineering in Medicine and Biology Society/Standards Committee
  2. P2730 Comments/Vote
     Standard for Terms, Definitions, and Classification of Medical Electrical Equipment/Systems Employing Robotic Technology

- IEEE Power and Energy Society/Energy Development & Power Generation
  3. P421.5 Comments/Vote
     Recommended Practice for Excitation System Models for Power System Stability Studies

4. P2740 Comments/Vote

Guide for the Selection and Installation of Electrical Cables and Systems in Hazardous (Classified) Locations on Oil & Gas Land Drilling Rigs

IEEE Power and Energy Society/Transformers

5. PC57.104 Comments/Vote

Guide for the Interpretation of Gases Generated in Oil-Immersed Transformers

3.2 Extension Requests

IEEE Computer Society/Cloud Computing Standards Committee

1. P2301 Comments/Vote

Guide for Cloud Portability and Interoperability Profiles (CPIP) (pdf)

3.3 New PARs

IEEE Computer Society/Cybersecurity and Privacy Standards Committee

1. P2803 Comments/Vote

Cloud Data Centers Architecture Design Security for Interoperability

IEEE Computer Society/Design Automation

2. P2804 Comments/Vote

Software-Hardware Interface for Multi-Many-Core

IEEE Computer Society/LAN/MAN Standards Committee

3. P802.1CMde Comments/Vote

Standard for Local and metropolitan area networks -- Time-Sensitive Networking for Fronthaul Amendment: Enhancements to Fronthaul Profiles to Support New Fronthaul Interface, Synchronization, and Syntonization Standards

4. P802.1DF Comments/Vote

Time-Sensitive Networking Profile for Service Provider Networks

5. P802.1DG Comments/Vote

Time-Sensitive Networking Profile for Automotive In-Vehicle Ethernet Communications

6. P802.3ct Comments/Vote

Standard for Ethernet Amendment: Physical Layers and Management Parameters for 100 Gb/s and 400 Gb/s Operation over DWDM (dense wavelength division multiplexing) systems

IEEE Computer Society/Standards Activities Board

7. P2806 Comments/Vote

The Framework for Digital Representation of Physical Object in the Factory

8. P2807 Comments/Vote

Framework of Knowledge Graph

IEEE Communications Society/Access and Core Networks Standards Committee

9. P1939.1 Comments/Vote
Standard for a Framework for Structuring Low Altitude Airspace for Unmanned Aerial Vehicle (UAV) Operations
IEEE Communications Society/Virtualized and Software Defined Networks, and Services Standards Committee

10. **P1938.1** Comments/Vote

Standard for Software Defined Protocol and Functional Requirements for Improvement of the Signal-to-Noise Ratio (SNR) in Communications Channels
IEEE Geoscience and Remote Sensing Society/Standards Committee

11. **P4003** Comments/Vote

Standard for Global Navigation Satellite System-Reflectometry (GNSS-R) Data and Metadata Content

12. **P4004** Comments/Vote

Standard for Calibration of Microwave Radiometers in the 300 MHz to 1 THz Frequency Range for Geoscience Applications
IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

13. **P2805.1** Comments/Vote

Self-Management Protocols for Edge Computing Node

14. **P2805.2** Comments/Vote

Data acquisition, Filtering and buffering Protocols for Edge Computing Node

15. **P2805.3** Comments/Vote

Cloud-Edge Collaboration Protocols for Machine Learning
IEEE Power and Energy Society/Insulated Conductors

16. **P48404.2** Comments/Vote

Standard for Terminations and Joints for Extruded and Laminar Dielectric Shielded Cables Rated 69 kV through 500 kV
IEEE Power and Energy Society/Power System Relaying and Control

17. **PC37.252** Comments/Vote

Guide for Testing Automatic Voltage Control Systems in Regional Power Grids
IEEE Power and Energy Society/Switchgear

18. **PC37.20.1a** Comments/Vote

Standard for Metal-Enclosed Low-Voltage (1000 Vac and below, 3200 Vdc and below) Power Circuit Breaker Switchgear Amendment 1: Control and secondary circuits and devices, and all wiring

19. **PC37.20.2a** Comments/Vote

Standard for Metal-Clad Switchgear Amendment a: Control and secondary circuits and devices, and all wiring

20. **PC37.21a** Comments/Vote

Standard for Control Switchboards Amendment a: Control and secondary circuits and devices, and all wiring

21. **PC37.100.6** Comments/Vote

Guide for Determination of Test Specimens for Seismic Qualification for Building Code Applications
IEEE-SASB Coordinating Committees/SCC39 - International Committee on Electromagnetic Safety

22. **P62209-3** Comments/Vote

Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 3: Vector probe systems (Frequency range of 100 MHz to 6 GHz)
3.4 PARs for the Revision of Standards

IEEE Aerospace and Electronic Systems Society/Gyro Accelerometer Panel

1. P952 Comments/Vote


IEEE Computer Society/Software & Systems Engineering Standards Committee

2. P29119-1 Comments/Vote


3. P29119-2 Comments/Vote


4. P29119-3 Comments/Vote


5. P29119-4 Comments/Vote


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

6. P11073-10420 Comments/Vote

Health informatics -- Personal health device communication Part 10420: Device specialization -- Body composition analyzer

7. P11073-10421 Comments/Vote

Health informatics--Personal health device communication Part 10421: Device specialization--Peak expiratory flow monitor (peak flow)

8. P11073-10441 Comments/Vote

Health Informatics--Personal health device communication Part 10441: Device specialization--Cardiovascular fitness and activity monitor

9. P11073-10472 Comments/Vote

Health informatics--Personal health device communication--Part 10472: Device specialization--Medication monitor

IEEE Power and Energy Society/Insulated Conductors

10. P1428 Comments/Vote

Guide for Installation Methods for Fiber Optic Cables in Power Generating Stations and in Industrial Facilities

11. P1717 Comments/Vote

Standard for Testing Fire-Resistive, Circuit Integrity Cables and Cable Systems Using a Hydrocarbon Pool Fire Test Protocol

IEEE Power and Energy Society/Power System Communications and Cybersecurity

12. P1222 Comments/Vote

Standard for Testing and Performance for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable for Use on Electric Utility Power Lines

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

13. PC62.31 Comments/Vote

Standard for Test Methods and Preferred Values for Low-Voltage Gas Discharge Tube Surge- Protective Components

IEEE Power and Energy Society/Switchgear

14. PC37.11 Comments/Vote

Standard Requirements for Electrical Control for AC High-Voltage (>1000 V) Circuit Breakers

15. PC37.017 Comments/Vote
16. **PC57.12.20 Comments/Vote**

Standard for Overhead-Type Distribution Transformers 500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 7970/13 800Y V and Below

17. **PC57.12.24 Comments/Vote**

Standard for Submersible, Three-Phase Transformers, 3750 kVA and Smaller; High Voltage, 34 500 GrdY/19 920 Volts and Below; Low Voltage, 600 Volts and Below

18. **PC57.12.30 Comments/Vote**

Standard for Pole-Mounted Equipment--Enclosure Integrity for Coastal Environments

19. **PC57.12.31 Comments/Vote**

Standard for Pole-Mounted Equipment--Enclosure Integrity

### 4. NEXT MEETING

The next meeting of NesCom will take place on 20 March 2019 in Munich, Germany.

### 5. ADJOURNMENT