NesCom - 25 October 2022

Agenda Version: 2  
Time: 10:00 a.m. ET (UTC-4)  
Location: Teleconference

1. CALL TO ORDER

2. REVIEW OF AGENDA

2.1. CONSENT AGENDA

2.1.1. WITHDRAWAL REQUESTS

IEEE Consumer Technology Society/Blockchain Standards Committee

1. P2144.2  
Standard for Functional Requirements in Blockchain-based Internet of Things (IoT) Data Management

2. P2144.3  
Standard for Assessment of Blockchain-based Internet of Things (IoT) Data Management

IEEE Consumer Technology Society/Emerging Technology Standards Committee

3. P2843  
Standard for Measuring Accessibility Experience and Compliance

4. P2896  
Standard for Open Data: Open Data Ontology

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

5. P11073-10427-2016/Cor 1  
Health informatics -- Device Interoperability -- Part 10427: Personal Health Device Communication -- Device specialization--Power Status Monitor of Personal Health Devices - Corrigendum 1

2.1.2. STANDARDS COMMITTEE TRANSFER REQUEST FOR ONE STANDARD FROM BOG/CAG TO VT/CBTC&SIG

- SC Transfer Request 2839 from BOG_CAG to VT_CBTC_SIG.pdf

3. PARS FOR DISCUSSION

3.1. MODIFIED PARS

IEEE Instrumentation and Measurement Society/TC45 - Radiation and Nuclear Instrumentation and Systems

1. PN42.63  
Standard for Unmanned Aerial Radiation Measurement Systems (UARaMS)

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

2. P1588d  
Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems  
Amendment: GDOI (Group Domain of Interpretation) Key Management Key Management

IEEE Power and Energy Society/Power System Communications and Cybersecurity

3. P2658  
Guide for Cybersecurity Testing in Electric Power Systems

IEEE Power and Energy Society/Transformers
4. PC57.12.28
Standard for Pad-Mounted Equipment--Enclosure Integrity

5. PC57.12.29
Standard for Pad-Mounted Equipment--Enclosure Integrity for Coastal Environments

IEEE SA Board of Governors/Corporate Advisory Group

6. P3301
Adoption of Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification Artificial Intelligence Framework (AIF) Version 1.1

3.2. EXTENSION REQUESTS

IEEE Communications Society/Dynamic Spectrum Access Networks Standards Committee

1. P1900.2
Recommended Practice for the Analysis of In-Band and Adjacent Band Interference and Coexistence Between Radio Systems

IEEE Communications Society/Mobile Communication Networks Standards Committee

2. P1918.1
Tactile Internet: Application Scenarios, Definitions and Terminology, Architecture, Functions, and Technical Assumptions

3. P1918.1.1
Haptic Codecs for the Tactile Internet

4. P1931.1
Standard for an Architectural Framework for Real-time Onsite Operations Facilitation (ROOF) for the Internet of Things

5. P2061
Architecture for Low Mobility Energy Efficient Network for Affordable Broadband Access

IEEE Communications Society/Power Line Communications

6. P2030.5
Standard for Smart Energy Profile Protocol

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

7. P11073-10406
Health Informatics -- Device Interoperability -- Part 10406: Personal Health Device Communication -- Device Specialization--Basic Electrocardiograph (ECG) (1- to 3-lead ECG)

8. P11073-10417
Health Informatics -- Device Interoperability -- Part 10417: Personal Health Device Communication -- Device Specialization - Glucose Meter

9. P11073-10419
Health Informatics -- Device Interoperability -- Part 10419: Personal Health Device Communication -- Device Specialization - Insulin Pump

10. P11073-10425
Health Informatics -- Device Interoperability -- Part 10425: Personal Health Device Communication -- Device Specialization -- Continuous Glucose Monitor (CGM)

11. P11073-10426
Health Informatics -- Device Interoperability -- Part 10426: Personal Health Device Communication -- Device Specialization - Home Healthcare Environment Ventilator

12. P11073-10442
Health Informatics -- Device Interoperability -- Part 10442: Personal Health Device Communication -- Device Specialization - Strength Fitness Equipment

13. P11073-10471
Health Informatics -- Device Interoperability -- Part 10471: Personal Health Device Communication
IEEE Engineering in Medicine and Biology Society/Standards Committee

14. P2725.1
Standard for Microwave Structural, Vascular or Functional Medical Imaging Device Safety

IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee

15. P3006.1
Recommended Practice for Reliability Planning and Design of Industrial and Commercial Power Systems

IEEE Power and Energy Society/Electric Machinery

16. P522
Guide for Testing Turn Insulation of Form-Wound Stator Coils for Alternating-Current Electric Machines

17. P1553
Standard for Voltage Endurance Testing of Form-Wound Coils and Bars for Hydrogenerators

18. P1665
Guide for the Rewind of Synchronous Generators, 50 Hz and 60 Hz, Rated 1 MVA and Above

IEEE Power and Energy Society/Energy Development & Power Generation

19. P421.5
Recommended Practice for Excitation System Models for Power System Stability Studies

IEEE Power and Energy Society/Power System Communications and Cybersecurity

20. P1591.1
Standard for Testing and Performance of Hardware for Optical Ground Wire (OPGW)

21. P2658
Guide for Cybersecurity Testing in Electric Power Systems

IEEE Power and Energy Society/Power System Instrumentation and Measurements

22. P2681
Guide for Testing Medium Voltage Smart Grid Sensor and Intelligent Electronic Device Systems

IEEE Power and Energy Society/Power System Relaying and Control

23. PC37.251
Standard for Common Protection and Control Settings or Configuration Data Format (COMSET)

IEEE Power and Energy Society/Substations

24. PC37.122.8
Guide for the Application of Mobile Gas-Insulated Substations Rated Above 52kV

IEEE Power and Energy Society/Transformers

25. PC57.100
Standard Test Procedure for the Thermal Evaluation of Insulation Systems for Liquid-Immersed Distribution, Power and Regulating Transformers

26. PC57.149
Guide for the Application and Interpretation of Frequency Response Analysis for Oil-Immersed Transformers

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

27. P2752
Guide for Multi-Point Grounding System of Trains in Electrified Railway

IEEE-SASB Coordinating Committees/SCC21 - Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage
28. P1547.2

3.3. NEW PARS

IEEE Communications Society/Power Line Communications
1. P2897
Standard for Optical Service Unit (OSU) of Passive Optical Network (PON) in power systems

IEEE Computer Society/Artificial Intelligence Standards Committee
2. P3198
Standard for Evaluation Method of Machine Learning Fairness

IEEE Computer Society/Blockchain and Distributed Ledgers
3. P3228
Standard for the Recurring Transactions Using Distributed Ledger Technologies (DLTs)

IEEE Computer Society/Cloud Computing Standards Committee
4. P2303
Standard for Adaptive Management of Cloud Computing Environments

IEEE Computer Society/Microprocessor Standards Committee
5. P1722.1-2021/Cor 1
Standard for Device Discovery, Connection Management, and Control Protocol for Time-Sensitive Networking System - Corrigendum 1Technical and Editorial Corrections:

IEEE Computer Society/Software & Systems Engineering Standards Committee
6. P82079-2
Preparation of information for use (instructions for use) of products--Part 2: Assembly of self-assembly products

IEEE Consumer Technology Society/Metaverse Standards Committee
7. P2048
Standard for Metaverse: Terminology, Definitions, and Taxonomy

IEEE Consumer Technology Society/Smart Devices Standards Committee
8. P3322
Guide for Comfort Requirements for XR Devices
9. P3323
Standard for Requirements and Evaluation Methods for Voice Interaction Capabilities of Smart Home Devices

IEEE Engineering in Medicine and Biology Society/Standards Committee
10. P3182
Standard for a Unified Terminology and Framework for Percutaneous and Non-fluoroscopical Procedure (PAN procedure) in Cardiovascular Diseases

IEEE Power and Energy Society/Transmission and Distribution
11. P3196
Guide for Composite External Insulation Technology in Distribution Network (36 kV and below)

IEEE Reliability Society/IEEE Reliability
12. P1856.1
Recommended Practice for Prognostics and Health Management Systems

IEEE Signal Processing Society/Synthetic Aperture Standards Committee
13. P3199
Recommended Practice for Assessing Errors in Synthetic Aperture Sonar Due to Position Uncertainty
IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee

14. P7016
Standard for Ethically Aligned Design and Operation of Metaverse Systems

IEEE Vehicular Technology Society/Intelligent Transportation Systems

15. P2846a
Standard for Assumptions in Safety-Related Models for Automated Driving Systems Amendment: Additional scenarios and road users

16. P3321
Recommended Practice for the Application of Assumptions on Reasonably Foreseeable Behavior of Other Road Users

3.4. PARS FOR THE REVISION OF STANDARDS

IEEE Industry Applications Society/Petroleum & Chemical Industry

1. P1566
Standard for Performance of Adjustable-Speed AC Drives Rated 375 kW and Larger

IEEE Nanotechnology Council/Standards Committee

2. P62659
Standard for Nanomanufacturing -- Large Scale Manufacturing for Nanoelectronics

IEEE Power and Energy Society/Energy Development & Power Generation

3. P1827
Guide for Electrical and Control Design of Hydroelectric Water Conveyance Facilities

IEEE Power and Energy Society/Energy Storage & Stationary Battery Committee

4. P1115
Recommended Practice for Sizing Nickel-Cadmium Batteries for Stationary Applications

IEEE Power and Energy Society/Insulated Conductors

5. P1793
Guide for Planning and Designing Transition Facilities between Overhead and Underground Transmission Lines

IEEE Power and Energy Society/Power System Relaying and Control

6. PC57.13.3
Guide for Grounding of Instrument Transformer Secondary Circuits and Cases

IEEE Power and Energy Society/Surge Protective Devices Committee

7. PC62.92.3
Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part III -Generator Auxiliary Systems

IEEE Power and Energy Society/Transmission and Distribution

8. P1159
Recommended Practice for Monitoring Electric Power Quality

IEEE Reliability Society/IEEE Reliability

9. P1633
Recommended Practices for Software Reliability

IEEE Vehicular Technology Society/Overhead Contact Systems

10. P1630
Standard for Supporting Structures for Overhead Contact Systems for Transit Systems

4. OLD BUSINESS
6. NEXT MEETING

The next meeting of NesCom will take place on 02 December 2022 by teleconference and in person.

7. ADJOURNMENT