

NesCom - 15 Jun 2022

Agenda Version: 6
Time: 8:30 a.m. - 12:00 p.m. ET (UTC-4)
Location: Toronto, Canada and Teleconference/Webex

1. CALL TO ORDER

2. REVIEW OF AGENDA

2.1. CONSENT AGENDA


2.1.1. WITHDRAWAL REQUESTS

IEEE Computer Society/Cybersecurity and Privacy Standards Committee

1. P2799

Standard for Confirming and Conveying Identity Over the Internet

2.1.2. STANDARDS COMMITTEE TRANSFER REQUEST FOR IEEE STD 2657-2021 FROM VT/RTSC TO VT/TPSSC

 SC Transfer Request IEEE Std 2657_2021 from VT RTSC to VT TPSSC.pdf

2.1.3. STANDARDS COMMITTEE TRANSFER REQUEST FOR P1482.1 FROM VT/RTSC TO VT/ITS

 Standards Committee Transfer Request P1482.1.pdf

3. APPROVAL OF MINUTES FROM THE 23 MARCH NESCOM MEETING

4. PARS FOR DISCUSSION

4.1. MODIFIED PARS

IEEE Power and Energy Society/Insulated Conductors

1. P2789

Guide for the Selection and Application of Cables Used in Enclosed Transit Infrastructure

IEEE Reliability Society/IEEE Reliability

2. P3106

Standard for Telecommunication System Reliability Indices

4.2. EXTENSION REQUESTS

IEEE Computer Society/Learning Technology

1. P9274.1.1

JavaScript Object Notation (JSON) Data Model Format and Representational State Transfer (RESTful) Web Service for Learner Experience Data Tracking and Access

IEEE Computer Society/Standards Activities Board

2. P1599

Recommended Practice for the Definition of a Multilayer Representation of Music Using eXtensible Markup Language (XML)

3. P2796

Standard for Framework for the Internet of Food (IoF)

4. P2796.1

Standard for Data Requirements for Internet of Food (IoF) Systems

5. P2796.2

Standard for Data Exchange Architecture and Interface Requirements for Internet of Food (IoF) Systems

IEEE Computer Society/Test Technology

6. P1687.2

Standard for Describing Analog Test Access and Control

7. P2427

Standard for Analog Defect Modeling and Coverage

IEEE Engineering in Medicine and Biology Society/Standards Committee

8. P2795

Standard for Shared Analytics Across Secure and Unsecured Networks

IEEE Power and Energy Society/Insulated Conductors

9. P2789

Guide for the Selection and Application of Cables Used in Transit Infrastructure

IEEE Power and Energy Society/Power System Communications and Cybersecurity

10. P1815

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

11. PC37.118.2

Standard for Synchrophasor Data Transfer for Power Systems

IEEE Power and Energy Society/Transformers

12. PC57.168

Guide for Low Frequency Dielectric Testing for Distribution, Power and Regulating Transformers

4.3. NEW PARS

IEEE Communications Society/Access and Core Networks Standards Committee

1. P1942.1

Standard for Massive Multiple Input Multiple Output (MIMO) Architectural Framework

IEEE Communications Society/Virtualized and Software Defined Networks, and Services Standards Committee

2. P1943

Standard for Post-Quantum Network Security

IEEE Computer Society/Artificial Intelligence Standards Committee

3. P3181

Standard for Trusted Environment Based Cryptographic Computing

4. P3187

Guide for Framework for Trustworthy Federated Machine Learning

IEEE Computer Society/Blockchain and Distributed Ledgers

5. P3224

Standard for Blockchain-based Green Power Identification Application

6. P3225

Standard for Using Blockchain in Low Carbon Zones Evaluation

7. P3226

Standard for Trusted Data Circulation based on Blockchain and Distributed Ledger Technologies (DLT)

IEEE Computer Society/Data Compression Standards Committee

8. P2941.2

Standard for Application Programming Interface (API) of Deep Learning Inference Engine

9. P3184

Standard for Data Framework for Autonomous Driving

IEEE Computer Society/Design Automation**10. P3164**

Standard for Security Annotation for Electronic Design Integration

IEEE Computer Society/Smart Manufacturing Standards Committee**11. P3179**

Recommended Practice for Digital Mines Construction

12. P3180

Guide for Mould Management Based on Internet of Things and Cloud Computing

IEEE Engineering in Medicine and Biology Society/Standards Committee**13. P3173**

Standard for Endocrine Disrupting Chemical Hazard Labelling

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee**14. P2805.4**

Standard for Edge Collaboration Protocols for Federated Learning

15. P3178

Standard for General Requirements and Protocols for Software-defined Physical Layer of Wireless Backscatter Networks

IEEE Photonics Society/Standards Committee**16. P3186**

Standard for a Port Interface Representing Photonic Signals Using Simulation Program with Integrated Circuit Emphasis (SPICE)-class Circuit Simulators

IEEE Robotics and Automation Society/Standing Committee for Standards**17. P3177**

Standard for the Framework of Modularity for Robotically Assisted Surgical System

IEEE Vehicular Technology Society/High Speed Train and Maglev Standards Committee**18. P3143**

Standard for Electrical Transmission System for Short Stator Magnetic Levitation Vehicle

IEEE Vehicular Technology Society/Traction Power Systems Standards Committee**19. P3175**

Guide for Stray Current Corrosion Mitigation for Direct Current (DC) Rail Transit Systems

4.4. PARS FOR THE REVISION OF STANDARDS**IEEE Computer Society/Standards Activities Board****1. P1680.2**

Standard for Environmental Assessment of Imaging Equipment

2. P1680.3

Standard for Environmental Assessment of Televisions

IEEE Computer Society/Test Technology**3. P1149.1**

Standard for Test Access Port and Boundary-Scan Architecture

IEEE Industry Applications Society/Industrial & Commercial Power Systems Standards Development Committee**4. P3004.1**

Recommended Practice for the Application of Instrument Transformers in Industrial and Commercial Power Systems

IEEE Power and Energy Society/Power System Communications and Cybersecurity

5. P1692

Guide for the Protection of Communication Installations from Lightning Effects

6. PC93.4

Standard for Power Line Carrier Line-Tuning Equipment (30 kHz to 500 kHz) Associated with Power Transmission Lines

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

7. PC62.92.6

Guide for Application of Neutral Grounding in Electrical Utility Systems, Part VI--Systems Supplied by Current-Regulated Sources

IEEE Power and Energy Society/Transformers

8. PC57.12.59

Guide for Dry-Type Transformer Through-Fault Current Duration

9. PC57.135

Guide for the Application, Specification, and Testing of Phase-Shifting Transformers

10. PC57.138

Recommended Practice for Routine Impulse Tests for Distribution Transformers

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

11. P1482.1

Standard for Rail Transit Vehicle Event Recorders

5. OLD BUSINESS

6. NEW BUSINESS

7. NEXT MEETING

The next meeting of NesCom will take place on or close to 20 September 2022 by teleconference.

8. ADJOURNMENT