NesCom - 05 Jun 2024

Agenda Version: 3
Time: 9:30 a.m. ET (UTC -4)
Location: Teleconference

1. CALL TO ORDER

2. REVIEW OF AGENDA

2.1. CONSENT AGENDA

3. APPROVAL OF MINUTES FROM THE 8 MAY MEETING

4. PARS FOR DISCUSSION

4.1. WITHDRAWAL REQUESTS

4.2. MODIFIED PARS

IEEE Instrumentation and Measurement Society/TC39 - Measurements in Power Systems

1. P61869-21

Uncertainty Evaluation in the Calibration of Instrument Transformers

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

2. P1188

Recommended Practice for Maintenance, Testing, and Replacement of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications

IEEE Power and Energy Society/Nuclear Power Engineering Committee

3. P1205

Guide for Assessing, Monitoring, and Mitigating Aging Effects on Electrical Equipment Used in Nuclear Facilities

IEEE Vehicular Technology Society/High Speed Train and Maglev Standards Committee

4. P3351

Standard for Levitation System of Electromagnetic Suspension type of Maglev Vehicle

5. P3352

Standard for Test Specification of Short Primary Maglev Vehicles

4.3. EXTENSION REQUESTS

IEEE Instrumentation and Measurement Society/TC39 - Measurements in Power Systems

1. P61869-21

Recommended Practice for Uncertainty Evaluation in the Calibration of Instrument Transformers

IEEE Power and Energy Society/Switchgear

2. PC37.20.1

Standard for Metal-Enclosed Low-Voltage (1000 Vac and below, 3200 Vdc and below) Power Circuit Breaker Switchgear

3. PC37.23

Standard for Metal-Enclosed Bus

4. PC37.100.2

Standard for Common Requirements for Testing of AC Capacitive Current Switching Devices over

1000 V

4.4. NEW PARS

IEEE Communications Society/Mobile Communication Networks Standards Committee

1. P1955

Standard for 6G Empowering Robotics: Use Case Scenarios, Requirements, Architectural Impact, and Technical Assumptions

IEEE Communications Society/Unmanned Aerial Vehicles Communications Standards Committee

2. P1936.7

Standard for Mesh Deployment of Multi-Rotor Unmanned Aircraft Systems for Inspection of Electrical Power Facilities

3. P1936.8

Standard for Photovoltaic Power Station Monitoring by Unmanned Aircraft System

4. P1936.11

Standard for Requirements of Laying Out Pilot Ropes by Unmanned Aircraft Systems for Overhead Power Line Installations

5. P1936.12

Standard for Verification of Pilot Line Deployment Devices Based on an Unmanned Aircraft System for Overhead Power Line Installations

6. P1936.13

Recommended Practice for Image Collection during the Inspection of Overhead Distribution Lines by Unmanned Aircraft System

7. P1936.14

Standard for Multi-Spectral Scanning of Overhead Transmission Lines by Unmanned Aircraft Systems

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

8. P1948.1

Standard for Artificial Intelligence Based Network Applications in 5G and Beyond Mobile Networks

IEEE Computational Intelligence Society/Standards Committee

9. P3478

Standard for Technical Specifications of Large Scale Models for Traffic Engineering

10. P3479

Standard for Large Scale Models for Smart Building

11. P3480

Standard for Large Multimodal Models for Urban Underground Space

IEEE Computer Society/Artificial Intelligence Standards Committee

12. P3378.2

Standard for Technical Requirements for Large-Scale Deep Learning Models

13. P3378.3

Standard for Technical Requirements for Multimodal Large-Scale Deep Learning Models

14. P3378.4

Standard for Large-Scale Deep Learning Models for Data

15. P3378.5

Standard for the Security Requirements for Large-Scale Deep Learning Models

16. P3378.6

Standard for Large-Scale Deep Learning Models for Coding

17. P3378.7

Standard for Technical Requirements for Large-Scale Deep Learning Models in Power Industry

18. P3481
Standard for the Functional Requirements for Cybersecurity-specific Large Language Models

19. P3482
Standard for the Technical Requirements for the Modeling and Control of Three Dimensional Digital Human Based on Large Machine Learning Models

20. P3488
Standard for Technical Requirements of Artificial Intelligence-based Data Sample Labeling and Management for Transmission and Distribution Lines

21. P3489
Standard for Test Technical Requirements of Image Recognition Algorithm for Power Line Hidden Danger Monitoring

22. P3497
Standard for Performance Benchmarking for Artificial Intelligence for Data Base

IEEE Computer Society/Blockchain and Distributed Ledgers

23. P3234
Standard for Blockchain-based Carbon Trading Data Format Specification

IEEE Computer Society/Cybersecurity and Privacy Standards Committee

24. P3477
Standard for Evaluation Method for Anonymization in Data Sharing

IEEE Computer Society/Software & Systems Engineering Standards Committee

25. P29119-8
Software and systems engineering Software testing Model-based testing

IEEE Computer Society/Standards Activities Board Standards Committee

26. P7100
Standard for Measurement of Environmental Impacts of Artificial Intelligence

IEEE Consumer Technology Society/Digital Finance and Economy Standards Committee

27. P3826
Standard for Technical Requirements for Financial Large Models

IEEE Consumer Technology Society/Metaverse Standards Committee

28. P2048.202
Standard for Security Specifications of Blockchain-based Metaverse Data

29. P2048.203
Standard for Security Specifications of Blockchain-based Metaverse Interconnection

30. P2048.204
Standard for Security Specifications of Blockchain-based Metaverse Digital Commodity Circulation

IEEE Consumer Technology Society/Smart Devices Standards Committee

31. P3487
Standard for Perceived Image Quality Consistency of Multi-Camera Consumer Devices and Systems

IEEE Engineering in Medicine and Biology Society/Standards Committee

32. P3493.1
Standard Framework for Secure, Compliant, Coordinated, and Inclusive Healthcare Data Recycling (SCCI-HDR)

IEEE Industrial Electronics Society/Industrial Electronics Society Standards Committee

33. P3464
Guide for the Static and Dynamic Performance and Efficiency Test Methods of the Proton Exchange Membrane Fuel Cell Cogeneration Systems under Feedback Control

IEEE Magnetics Society/Magnetics Society Standards Committee

34. P3387

Guide for Contactless Current Measurement for High-Voltage (4.76 kV to 800 kV) Multi-Phase Multi-Core Power Cables Based on Magnetic Field Sensing

35. P3465

Standard for Magnetic Immunity Verification of Magnetoresistive Random Access Memory

IEEE Power and Energy Society/Insulated Conductors

36. P48404.2

IEEE Standard for Terminations and Joints for Extruded and Laminated Dielectric Shielded Cables Rated 69 kV through 500 kV

IEEE Power and Energy Society/Switchgear

37. PC37.20.7.1

Guide for Application, Installation, and Use of Switchgear Rated Up to 52 kV Tested for Internal Arcing Faults

IEEE SA Board of Governors/Entity Collaborative Activities Governance Board

38. P3302

Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Technical Specification - Context-based Audio Enhancement (MPAI-CAE) V2.1

39. P3308

Moving Picture, Audio and Data Coding by Artificial Intelligence (MPAI) Object and Scene Description (OSD) v1.1

4.5. PARS FOR THE REVISION OF STANDARDS

IEEE Aerospace and Electronic Systems Society/Radar Systems Panel

1. P521

Standard Letter Designations for Radar-Frequency Bands

IEEE Computer Society/Microprocessor Standards Committee

2. P754

Standard for Floating-Point Arithmetic

3. P1722

Standard for a Transport Protocol for Time-Sensitive Applications in Bridged Local Area Networks

IEEE Power and Energy Society/Insulated Conductors

4. P1202

Standard for Flame-Propagation and Smoke Release Measurements of Wire and Cable

IEEE Power and Energy Society/Nuclear Power Engineering Committee

5. P1707

Recommended Practice for the Investigation of Events at Nuclear Facilities

IEEE Power and Energy Society/Switchgear

6. PC37.62

Standard for Pad-Mounted Dry Vault, Submersible, and Overhead Fault Interrupters for Alternating Current Systems Up to and Including 38 kV

IEEE Power and Energy Society/Transmission and Distribution

7. P1250

Guide for Identifying and Improving Voltage Quality in Power Systems

8. P2845

Standard for Testing and Evaluating the Dielectric Performance of Celebratory Balloons in Contact with Overhead Power Distribution Lines Rated up to 38 kV System Voltage

IEEE SA Board of Governors/Distributed Generation, Energy Storage and Interoperability Standards Committee

9. P1547.7
Guide for Conducting Impact Studies for Distributed Energy Resource Interconnection

5. OLD BUSINESS

6. NEW BUSINESS

6.1. LANGUAGE IN TITLE OF RELATED PARS AND USE OF THE TERM "LARGE MODEL"

Inconsistent Naming in Titles of Related PARs and Use of Large Model - NesCom - V2 .pptx

7. NEXT MEETING

The next meeting will be a hybrid meeting. The NesCom meeting will take place on either the 24 or 25 September in Athens, Greece and via webex.

8. ADJOURNMENT