

IEEE-SA STANDARDS BOARD MEETING
MINUTES
8 December 2010
IEEE Operations Center, Piscataway, New Jersey, USA
9:00 a.m. – 4:00 p.m.

Attendees:

Chair:

Bob Grow

Past Chair:

Steve Mills

Vice Chair:

Rich Hulett

Secretary:

Judith Gorman

Members:

Karen Bartleson

Victor Berman

Ted Burse

Clint Chaplin

Jim Hughes

Young Kyun Kim

John Kulick

David Law

Hung Ling

Oleg Logvinov

Ted Olsen

Ron Petersen

Tom Prevost

Jon Rosdahl

Sam Sciacca

Mike Seavey

Don Wright

Dick DeBlasio, DOE Representative

Michael Janezic, NIST Representative

Satish Aggarwal, NRC Representative

Joseph Koepfinger, Member Emeritus

Members Absent:

Andy Drozd

Alex Gelman, TAB Representative

Curtis Siller

Staff:

Julie Alessi
Bill Ash
Kathryn Bennett
Samantha Bradley
Kim Breitfelder
Matt Ceglia
Terry deCourcelle
Tricia Gerdon
Rona Gertz
Judy Gorman
Jodi Haasz
Mary Ellen Hanntz
Noelle Humenick
Yvette HoSang
Karen Kenney
Soo Kim
Mike Kipness
Bob LaBelle
Juanita Lewis
Karen McCabe
Mary Lynne Nielsen
Maira Patterson
Dave Ringle, Recording Secretary
Ana Sainvilus
Jennie Steinhagen
Susan Tatiner
Christiane Vigil
Sue Vogel
Jim Wendorf
Lisa Yacone
Shuang Yu
Malia Zaman

IEEE Outside Legal Counsel:

Michael Lindsay (via phone, part time)
Claire Topp

Guests:

Chuck Adams
Wael Diab
Jean-Philippe Faure
Emma Grow
Paul Houzé
Bruce Kraemer
Will Lumpkins
Jim Moore
Paul Nikolich
Geoff Thompson
Aron Viner
Howard Wolfman

1 Call to Order

Chair Grow called the meeting to order at 9:00 a.m. There was a round of introductions by all present.

2 Agenda

2.1 Approval of Agenda

It was noted that item 3 would be time-specific at 11:30 a.m.

There was a motion to approve the agenda. The motion was unanimously approved.

2.2 Consent Agenda

2.2.1 AudCom Recommendations

Accepted (*standards work authorized*):

- BOG/CAG – Board of Governors/Corporate Advisory Group

Visibly Under Development (*standards work authorized*):

- CES/SC – Consumer Electronics Society/Standards Committee

Continue Under Review – One-Year Extension Granted (*standards work authorized*):

- AES/GA – Aerospace and Electronic Systems Society/Gyro Accelerometer Panel
- EMB/SDCom – Engineering in Medicine and Biology Society/Standards Committee
- EMC/SDCom – Electromagnetic Compatibility Society/Standards Development Committee
- NPS – Nuclear and Plasma Sciences Society
- VT/RTSC – Vehicular Technology Society/Rail Transportation Standards Committee

Two-Year Extension Granted (*standards work authorized*):

- PE/ED&PG – Power and Energy Society/Energy Development & Power Generation
- PE/EM - Power and Energy Society/Electric Machinery
- PE/IC - Power and Energy Society/Insulated Conductors
- PE/NPE – Power and Energy Society/Nuclear Power Engineering
- PE/PACE - Power and Energy Society/Power System Analysis, Computing, and Economics
- PE/PSC - Power and Energy Society/Power System Communications
- PE/PSIM - Power and Energy Society/Power System Instrumentation and Measurements
- PE/PSR - Power and Energy Society/Power System Relaying
- PE/SB – Power and Energy Society/Stationary Batteries
- PE/SPD/HV - Power and Energy Society/Surge Protective Devices/High Voltage
- PE/SPD/LV - Power and Energy Society/Surge Protective Devices/Low Voltage
- PE/SUB - Power and Energy Society/Substations
- PE/SWG – Power and Energy Society/Switchgear
- PE/T&D – Power and Energy Society/Transmission and Distribution

2.2.2 NesCom Recommendations

Administrative Withdrawals

P25051 (C/S2ESC)

Standard for Software Engineering - Software Product Quality Requirements and Evaluation (SQuaRE) – Requirements for Quality of Commercial Off-The-Shelf (COTS) Software Product and Instructions for Testing

P2407 (C/SAB)

Standard for an Architecture Framework and Reference Model for Personalized Health Informatics

P1450.4 (C/TT)

Standard for Extensions to Standard Test Interface Language (STIL) (IEEE Std. 1450-1999) for Test Flow Specification

P1450 (C/TT)

Standard Test Interface Language (STIL) for Digital Test Vectors

P1713 (IAS/PCI)

Recommended Practice for Electrical Shore-to-Ship Connections

P1777 (PE/PSC)

Recommended Practice for Using Wireless Data Communications in Power System Operations

PC62.51 (PE/SPDLV)

Standard for Performance Criteria and Test Methods for Hardwired Multiservice (Multiport) Surge-Protective Devices for Equipment Connected to a 120/240 V Single Phase Power Service and Metallic Conductive Communication Line(s)

P837a (PE/SUB)

IEEE Standard for Qualifying Permanent Connections Used in Substation Grounding – Amendment

PC135.11 (PE/T&D)

Standard for Zinc-Coated Ferrous Guy Attachments, Wrap and Formed Guy Hooks, Guy Strain Plates, and Pole Eye Plates for Overhead Line Construction

P1482 (VT/RT)

Standard for Rail Vehicle Monitoring and Diagnostic Systems

Withdrawal Requests

IEEE Computer Society/Learning Technology

P1484.11.1a

IEEE Standard for Learning Technology – Data Model for Content Object Communication – Amendment

Recommendation: Approve PAR withdrawal.

IEEE Computer Society/Software & Systems Engineering Standards Committee

P20000.1

Standard for ISO/IEC 20000-1:2005, Information Technology – Service Management – Part 1: Specification

Recommendation: Approve PAR withdrawal.

P20000.2

Standard for ISO/IEC 20000-2:2005, Information Technology – Service Management – Part 2: Code of Practice

Recommendation: Approve PAR withdrawal.

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

P11073-20200

Standard for Health Informatics – Point-of-Care Medical Device Communication – Application Profile – Association Control Function

Recommendation: Approve PAR withdrawal.

IEEE Instrumentation and Measurement Society/TC9 - Sensor Technology

P1451.4-2004/Cor 1

Standard for a Smart Transducer Interface for Sensors and Actuators – Mixed-Mode Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats – Corrigendum 1

Recommendation: Approve PAR withdrawal.

IEEE Power and Energy Society/Power System Communications

P1591.1

Standard for Testing and Performance of Hardware for Optical Groundwire (OPGW)

Recommendation: Approve PAR withdrawal.

P1591.2

Standard for Testing and Performance of Hardware for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable

Recommendation: Approve PAR withdrawal.

P1591.3

Standard for Qualifying Hardware for Helically-Applied Fiber Optic Cable Systems (WRAP Cable)

Recommendation: Approve PAR withdrawal.

IEEE Power and Energy Society/Transmission and Distribution

PC135.30

Standard for Ground Rod Electrode, Clamp & Coupling Specification

Recommendation: Approve PAR withdrawal.

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1626

Standard for dc Overhead Contact System Insulation Requirements for Transit Systems

Recommendation: Approve PAR withdrawal.

Modified PARs

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

P11073-00103

Guide for Health Informatics – Personal Health Device Communication – Overview

Recommendation: Approve modified PAR until December 2010

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1688

Standard for Requirements for the Control of Electromagnetic Interference Characteristics of Replaceable Electronic Modules

Recommendation: Approve modified PAR until December 2010

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1349

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

Recommendation: Approve modified PAR until December 2011

IEEE Power and Energy Society/Insulated Conductors

P848

Standard Procedure for the Determination of the Ampacity Derating Factor for Fire-Protected Cable Systems

Recommendation: Approve modified PAR until December 2011

IEEE Power and Energy Society/Nuclear Power Engineering

P1792

Recommended Practice for Nuclear Power Generating Station Preferred Power Supply Reliability

Recommendation: Approve modified PAR until December 2012

IEEE Power and Energy Society/Power System Communications

P1222

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

Recommendation: Approve modified PAR until December 2010

IEEE Power and Energy Society/Power System Relaying

PC37.113

Guide for Protective Relay Applications to Transmission Lines

Recommendation: Approve modified PAR until December 2010

IEEE Power and Energy Society/Stationary Batteries Committee

P535

Standard for Qualification of Class 1E Vented Lead Storage Batteries for Nuclear Power Generating Stations

Recommendation: Approve modified PAR until December 2013

IEEE Power and Energy Society/Substations

P980

Guide for Containment and Control of Oil Spills in Substations

Recommendation: Approve modified PAR until December 2013

P1303

Guide for Static Var Compensator Field Tests

Recommendation: Approve modified PAR until December 2011

IEEE Power and Energy Society/Transformers

PC57.12.91

Standard Test Code for Dry-Type Distribution and Power Transformers

Recommendation: Approve modified PAR until December 2011

PC57.98

Guide for Transformer Impulse Tests

Recommendation: Approve modified PAR until December 2010

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

P1701

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

Recommendation: Approve modified PAR until December 2010

P1704

Standard for Utility Industry End Device Communications Module

Recommendation: Approve modified PAR until December 2010

Extension Requests

IEEE Computer Society/LAN/MAN Standards Committee

P802.16m

IEEE Standard for Local and Metropolitan Area Networks – Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems – Amendment: Advanced Air Interface

Recommendation: Approve request for an extension until December 2011

P802.22

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

Recommendation: Approve request for an extension until December 2012

P802.22.2

Recommended Practice for Information Technology – Telecommunications and Information Exchange Between Systems – Wireless Regional Area Networks (WRAN) – Specific Requirements – Part 22.2: Recommended Practice for the Installation and Deployment of IEEE 802.22 Systems

Recommendation: Approve request for an extension until December 2012

IEEE Computer Society/Microprocessor Standards Committee

P1363

Standard Specifications for Public Key Cryptography

Recommendation: Approve request for an extension until December 2011

P1363.3

Standard for Identity-Based Cryptographic Techniques Using Pairings

Recommendation: Approve request for an extension until December 2011

P1596

Standard for Scalable Coherent Interface (SCI)

Recommendation: Approve request for an extension until December 2012

IEEE Computer Society/Software & Systems Engineering Standards Committee

P1648

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

Recommendation: Disapprove extension request with recommendation to submit a new PAR when the working group chair is in place.

IEEE Computer Society/Test Technology

P1687

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

Recommendation: Approve request for an extension until December 2012

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

P11073-00103

Guide for Health Informatics – Personal Health Device Communication – Technical Report – Overview

Recommendation: Approve request for an extension until December 2011

P11073-10102

Standard for Health Informatics – Point-of-Care Medical Device Communication – Nomenclature – Annotated ECG

Recommendation: Approve request for an extension until December 2011

P11073-10103

Standard for Health Informatics – Point-of-Care Medical Device Communication – Nomenclature - Implantable device, Cardiac

Recommendation: Approve request for an extension until December 2011

P11073-10201

Standard for Health Informatics – Point-of-Care Medical Device Communication – Domain Information Model

Recommendation: Approve request for an extension until December 2012

P11073-20201

Standard for Health Informatics – Point-of-Care Medical Device Communication – Application Profile – Polling Mode

Recommendation: Approve request for an extension until December 2011

P11073-20202

Standard for Health Informatics – Point-of-Care Medical Device Communication – Application Profile – Baseline Asynchronous Mode

Recommendation: Approve request for an extension until December 2011

P11073-20401

Standard for Health Informatics – Point-of-Care Medical Device Communication – Application Profile – Common Networking Infrastructure

Recommendation: Approve request for an extension until December 2012

IEEE Engineering in Medicine and Biology Society/Standards Committee

P1708

Standard for Wearable Cuffless Blood Pressure Measuring Devices

Recommendation: Approve request for an extension until December 2011

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P299.1

Standard Method for Measuring the Shielding Effectiveness of Enclosures and Boxes Having all Dimensions Between 0.1 m and 2 m

Recommendation: Approve request for an extension until December 2012

P1642

Recommended Practice for Protecting Public Accessible Computer Systems from Intentional EMI

Recommendation: Approve request for an extension until December 2011

P1688

Standard for Module Electromagnetic Interference (EMI) Testing

Recommendation: Approve request for an extension until December 2012

IEEE Industry Applications Society/Petroleum & Chemical Industry

P1714

Recommended Practice for Industrial Uninterruptible Power Supply (UPS) Systems

Recommendation: Approve request for an extension until December 2012

P1716

Recommended Practice for Managing Natural Disaster Impact on Key Electrical Systems and Installations in Petroleum and Chemical Facilities

Recommendation: Approve request for an extension until December 2012

IEEE Nuclear and Plasma Sciences Society/Nuclear Instruments and Detectors

P325

Standard Test Procedures for Germanium Gamma-Ray Detectors Used in Analog and Digital Signal Processing Systems

Recommendation: Approve request for an extension until December 2011

IEEE Power and Energy Society/Energy Development & Power Generation

P807

Recommended Practice for Unique Identification in Hydroelectric Facilities

Recommendation: Approve request for an extension until December 2011

P1020

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

Recommendation: Approve request for an extension until December 2011

P1095

Guide for the Installation of Vertical Generators and Generator/Motors for Hydroelectric Applications

Recommendation: Approve request for an extension until December 2011

P1249

Guide for Computer Based Controls for Hydroelectric Power Plant Automation

Recommendation: Approve request for an extension until December 2012

IEEE Power and Energy Society/Insulated Conductors

P1299

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

Recommendation: Approve request for an extension until December 2011

P1659

Guide for Connectors Used In Underground Cable Joints and Terminations for Voltages of 5 – 35 kV

Recommendation: Approve request for an extension until December 2012

IEEE Power and Energy Society/Power System Communications

P1222

Standard for All-Dielectric Self-Supporting Fiber Optic Cable

Recommendation: *Approve request for an extension until December 2011*

IEEE Power and Energy Society/Power System Instrumentation and Measurements

P1715

Guide for Power Measurements under Low Power Factor Conditions

Recommendation: *Approve request for an extension until December 2012*

IEEE Power and Energy Society/Power System Relaying

PC37.113

Guide for Protective Relay Applications to Transmission Lines

Recommendation: *Approve request for an extension until December 2011*

IEEE Power and Energy Society/Stationary Batteries Committee

P1491

Guide for Selection and Use of Battery Monitoring Equipment in Stationary Applications

Recommendation: *Approve request for an extension until December 2012*

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

PC62.82.1

Standard for Insulation Coordination – Definitions, Principles, and Rules

Recommendation: *No action needed or taken. Project approved at RevCom.*

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

PC62.33

Standard Test Specifications for Varistor Surge-Protective Devices

Recommendation: *Disapproved extension request with recommendation to submit a new PAR*

PC62.34

Standard for Test Methods and Performance of Low-Voltage (1000 V 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 Equipment)

Recommendation: *Approve request for an extension until December 2012*

PC62.37.1

Guide for the Application of Thyristor Surge Protective Device Components

Recommendation: *Approve request for an extension until December 2011*

PC62.39

Standard for Test Methods for Self-Restoring Current Limiter Components Used in Telecommunication Surge Protectors

Recommendation: *Approve request for an extension until December 2012*

PC62.42

Guide for the Application of Component Surge-Protective Devices for Use in Low-Voltage [Equal to or Less than 1000 V (ac) or 1200 V (dc)] Circuits

Recommendation: *Approve request for an extension until December 2012*

PC62.69

Standard Specifications for Self-Restoring Current Limiter Components used in Telecommunication Surge Protectors

Recommendation: Approve request for an extension until December 2012

IEEE Power and Energy Society/Substations

P979

Guide for Substation Fire Protection

Recommendation: Approve request for an extension until December 2011

P1031

Guide for the Functional Specification of Transmission Static Var Compensators

Recommendation: Approve request for an extension until December 2011

P1677

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

Recommendation: Approve request for an extension until December 2011

PC37.122.2

Guide for the Application of Gas-Insulated Substations 1 kV to 52 kV

Recommendation: Approve request for an extension until December 2012

IEEE Power and Energy Society/Switchgear

PC37.17

Standard for Trip Systems for Low-Voltage (up to 635 V) AC and General Purpose Low-Voltage (up to 600 V) DC Power Circuit Breakers

Recommendation: Approve request for an extension until December 2011

IEEE Power and Energy Society/Transmission and Distribution

P519

Recommended Practices and Requirements for Harmonic Control in Electric Power Systems

Recommendation: Approve request for an extension until December 2012

P1048

Guide for Protective Grounding of Power Lines

Recommendation: Approve request for an extension until December 2011

IEEE Power and Energy Society/Transformers

PC57.12.20

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

Recommendation: Approve request for an extension until December 2011

PC57.16

Standard Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors

Recommendation: Approve request for an extension until December 2011

PC57.19.100

Guide for Application of Power Apparatus Bushings

Recommendation: Approve request for an extension until December 2011

PC57.91

Guide for Loading Liquid Immersed Transformers and Voltage Regulators
Recommendation: Approve request for an extension until December 2011

PC57.98

Guide for Transformer Impulse Tests
Recommendation: Approve request for an extension until December 2011

PC57.100

Standard Test Procedure for Thermal Evaluation of Insulation Systems for Liquid-Immersed Distribution and Power Transformers
Recommendation: Approve request for an extension until December 2011

PC57.131

Standard Requirements for Tap Changers
Recommendation: Approve request for an extension until December 2011

PC57.139

Guide for Dissolved Gas Analysis in Transformer Load Tap Changers
Recommendation: No action needed or taken. Project approved at RevCom.

PC57.143

Guide for Application for Monitoring Equipment to Liquid-Immersed Transformers and Components
Recommendation: Approve request for an extension until December 2012

PC57.149

Guide for the Application and Interpretation of Frequency Response Analysis for Oil Immersed Transformers
Recommendation: Approve request for an extension until December 2012

PC57.150

Guide for the Transportation of Transformers and Reactors Rated 10,000 kVA or Larger
Recommendation: Approve request for an extension until December 2011

IEEE-SASB Coordinating Committees/SCC21 – Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage

P1547.4

Guide for Design, Operation, and Integration of Distributed Resource Island Systems with Electric Power Systems
Recommendation: Approve request for an extension until December 2011

P1547.5

Guide for Technical Guidelines for Interconnection of Electric Power Sources Greater than 10MVA to the Power Transmission Grid
Recommendation: Approve request for an extension until December 2011

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

P1377

Standard for Utility Industry Metering Communication Protocol Application Layer (End Device Data Tables)
Recommendation: Approve request for an extension until December 2011

P1703

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

Recommendation: *Approve request for an extension until December 2011*

P1704

Standard for Utility Industry End Device Communications Module

Recommendation: *Approve request for an extension until December 2012*

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

P1528.3

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 Mobile Phones/Personal Wireless Devices

Recommendation: *Disapprove extension request with a recommendation to submit a new PAR for the revised concept of the project.*

IEEE Vehicular Technology Society/Rail Transportation Standards Committee

P1478

Standard for Environmental Conditions for Transit Rail Car Electronic Equipment

Recommendation: *Approve request for an extension until December 2011*

P1544

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

Recommendation: *Defer to January Continuous Processing Agenda due to lack of response to comments*

P1627

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

Recommendation: *Approve request for an extension until December 2011 contingent on the balloting process beginning before the end of 2010.*

P1629

Standard for Performance of dc Overhead Current Collectors for Transit Vehicles

Recommendation: *Defer to January Continuous Processing Agenda due to lack of response to comments*

P1630

Standard for Supporting Structures for Overhead Contact Systems for Transit Systems

Recommendation: *Approve request for an extension until December 2011*

P1653.1

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

Recommendation: *Approve request for an extension until December 2011*

P1653.4

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

Recommendation: *Approve request for an extension until December 2011*

New PARs

IEEE Computer Society/LAN/MAN Standards Committee

P802.11ai

IEEE 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- Fast Initial Link Setup

Recommendation: Approve new PAR until December 2014

P802.15.4j

IEEE Standard for Information Technology – Telecommunications and Information Exchange Between Systems – Local and Metropolitan Area Networks – Specific Requirements – Part 15.4: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Low Rate Wireless Personal Area Networks (WPANs) Amendment: Alternative Physical Layer Extension to support Medical Body Area Network (MBAN) Services Operating in the 2360-2400 MHz Band

Recommendation: Approve new PAR until December 2014

P802.15.4k

IEEE Standard for Local and Metropolitan Area Networks – Part 15.4: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Low Rate Wireless Personal Area Networks (WPANs) Amendment – Physical Layer (PHY) Specifications for Low Energy, Critical Infrastructure Monitoring Networks (LECIIM)

Recommendation: Approve new PAR until December 2014

IEEE Computer Society/Software & Systems Engineering Standards Committee

P1828

Standard for Systems with Virtual Components

Recommendation: Approve new PAR until December 2014

IEEE Computer Society/Storage Systems

P2200

Standard Protocol for Stream Management in Media Client Devices

Recommendation: Approve new PAR until December 2014

IEEE Communications Society/Standards Committee

P269a

Standard Methods for Measuring Transmission Performance of Analog and Digital Telephone Sets, Handsets, and Headsets – Amendment 1

Recommendation: Defer to January Continuous Processing Agenda with a request to revise the title and scope to be more specific

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1836

Standard for Electromagnetic Compatibility (EMC) – Limits for Harmonic Current Emissions Produced by Equipment Connected to Public Low-Voltage Systems with Input Current ≤ 16 A per Phase

Recommendation: Approve new PAR until December 2014

P1837

Standard for Electromagnetic Compatibility (EMC) – Limits for Harmonic Current Emissions Produced by Equipment Connected to Public Low-Voltage Systems with Input Current > 16 and ≤ 75 A per Phase

Recommendation: Approve new PAR until December 2014

IEEE Industry Applications Society/Technical Books Coordinating Committee

P3004.8

Recommended Practice for Motor Protection in Industrial and Commercial Power Systems

Recommendation: Approve new PAR until December 2014

P3004.13

Recommended Practice for Overcurrent Coordination in Industrial and Commercial Power Systems

Recommendation: Defer to January Continuous Processing Agenda due to lack of response to comments

IEEE Power and Energy Society/Power System Communications

P1591.1

Standard for Testing and Performance of Hardware for Optical Groundwire (OPGW)

Recommendation: Approve new PAR until December 2014

P1591.2

Standard for Testing and Performance of Hardware for All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable

Recommendation: Approve new PAR until December 2014

P1591.3

Standard for Qualifying Hardware for Helically-Applied Fiber Optic Cable Systems (WRAP Cable)

Recommendation: Approve new PAR until December 2014

IEEE Power and Energy Society/Power System Relaying

PC37.240

Standard for Cyber Security Requirements for Substation Automation, Protection and Control Systems

Recommendation: Approve new PAR until December 2014

IEEE Power and Energy Society/Transmission and Distribution

P751

Guide for Design of Wood Transmission Structures

Recommendation: Approve new PAR until December 2014

IEEE Vehicular Technology Society/Intelligent Transportation Systems

P1609.12

Standard for Wireless Access in Vehicular Environment (WAVE) – Provider Service Identifier (PSID) Allocation

Recommendation: Approve new PAR until December 2014

PARs for the Revision of Standards

IEEE Computer Society/Learning Technology

P1484.11.1

Standard for Learning Technology-Data Model for Content Object Communication

Recommendation: Approve PAR for the revision of a standard until December 2014

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

P11073-10101

Standard for ISO/ 11073-10101:2004, Health Informatics – Point-of-Care Medical Device Communication – Nomenclature

Recommendation: Approve PAR for the revision of a standard until December 2014

P11073-20101

Standard for ISO/ 11073-20101:2004, Health Informatics – Point-of-Care Medical Device Communication – Application Profile – Base Standard

Recommendation: Approve PAR for the revision of a standard until December 2014

IEEE Electromagnetic Compatibility Society/Standards Development Committee

P1309

Standard for Calibration of Electromagnetic Field Sensors and Probes, Excluding Antennas, from 9 kHz to 40 GHz

Recommendation: Approve PAR for the revision of a standard until December 2014

IEEE Power and Energy Society/Electric Machinery

P1434

Guide for the Measurement of Partial Discharges in AC Electric Machinery

Recommendation: Approve PAR for the revision of a standard until December 2014

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

PC62.82.2

Guide for the Application of Insulation Coordination

Recommendation: Approve PAR for the revision of a standard until December 2014

IEEE Power and Energy Society/Substations

P1267

Guide for Development of Specification for Turnkey Substation Projects

Recommendation: Approve PAR for the revision of a standard until December 2014

IEEE Power and Energy Society/Switchgear

PC37.010

Application Guide for AC High-Voltage Circuit Breakers > 1000 Vac Rated on a Symmetrical Current Basis

Recommendation: Approve PAR for the revision of a standard until December 2014

IEEE Power and Energy Society/Transformers

PC57.19.01

Standard Performance Characteristics and Dimensions for Outdoor Apparatus Bushings

Recommendation: Approve PAR for the revision of a standard until December 2014

2.2.3 RevCom Recommendations

NEW

P802.20a/D2.1 (C/LM) IEEE Standard for Local and Metropolitan Area Networks – Part 20: Air Interface for Mobile Broadband Wireless Access Systems Supporting Vehicular Mobility – Physical and Media Access Control Layer Specification – Amendment 1: Management Information Base Enhancements and Corrigenda Items

Recommendation: APPROVE

P1484.12.1-2002/Cor1/D13 (C/LT) Standard for Learning Object Metadata – Corrigendum 1: Corrigenda for 1484.12.1 LOM (Learning Object Metadata)

Recommendation: Disapprove

There was a motion to recommend disapproval, and the remedy is to bring the draft into the scope of the PAR and recirculate. Bruce Kraemer will be the RevCom mentor.

P1511.1/D4 (PE/IC) Guide for Investigating and Analyzing Shielded Power Cable Failures on Systems Rated 5 kV through 46 kV

Recommendation: APPROVE

P1676/D1 (PE/SUB) Guide for Control Architecture for High Power Electronics (1 MW and Greater) Used in Electric Power Transmission and Distribution Systems

Recommendation: APPROVE

P1775/D2.0.0 (PE/PSC & COM/SC &, EMC/SDCom) Standard for Powerline Communication Equipment – Electromagnetic Compatibility (EMC) Requirements – Testing and Measurement Methods

Recommendation: APPROVE

P3007.1/D3 (IAS/TBCC) Recommended Practice for Operation and Management of Industrial and Commercial Power Systems

Recommendation: APPROVE

PC37.09b/D6 (PE/SWG) IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis – Amendment 2: To Change the Description of Transient Recovery Voltage for Harmonization with IEC 62271-100

Recommendation: APPROVE

PC37.110-2007/Cor1/D1 (PE/PSR) IEEE Guide for the Application of Current Transformers Used for Protective Relaying Purposes – Corrigendum 1: Corrections to Equation 18 and Equation 19

Recommendation: APPROVE

PC57.139/D16 (PE/TR) Guide for Dissolved Gas Analysis in Transformer Load Tap Changers

Recommendation: APPROVE

PC57.142/D8.3 (PE/TR & PE/SWG) Guide to Describe the Occurrence and Mitigation of Switching Transients Induced by Transformer, Switching Device, And System Interaction

Recommendation: APPROVE

REVISION

P450/D7 (PE/SB) Recommended Practice for Maintenance, Testing, and Replacement of Vented Lead-Acid Batteries for Stationary Applications

Recommendation: APPROVE

P1149.4/D21(C/TT) Standard for a Mixed-Signal Test Bus

Recommendation: APPROVE

P1232/D5.1 (SASB/SCC20) Standard for Artificial Intelligence Exchange and Service Tie to All Test Environments (AI-ESTATE)

Recommendation: APPROVE

P1473/D8 (VT/RT) Standard for Communications Protocol aboard Passenger Trains

Recommendation: APPROVE

PC62.62/D4 (PE/SPDLV) Standard Test Specifications for Surge-Protective Devices (SPDs) for Use on the Load Side of the Service Equipment in Low Voltage (1000 V and less) AC Power Circuits

Recommendation: APPROVE

PC62.82.1/D5 (PE/SPDHV) Standard for Insulation Coordination – Definitions, Principles, and Rules

Recommendation: APPROVE

PSI 10/D3 (SASB/SCC14) Standard for Metric Practice

Recommendation: APPROVE

REAFFIRMATION

101-1987 (R2004) (DEI) IEEE Guide for the Statistical Analysis of Thermal Life Test Data

Recommendation: APPROVE

813-1988 (R2005) (AES/GA) IEEE Specification Format Guide and Test Procedure for Two-Degree-of-Freedom Dynamically Tuned Gyros

Recommendation: Disapprove

There was a motion to recommend disapproval, and the remedy is to produce the erratum and recirculate. Wael Diab and Peter Balma will be the RevCom mentors.

930-2004 (DEI) IEEE Guide for the Statistical Analysis of Electrical Insulation Breakdown Data

Recommendation: APPROVE

1023-2004 (PE/NPE) IEEE Recommended Practice for the Application of Human Factors Engineering to Systems, Equipment, and Facilities of Nuclear Power Generating Stations and Other Nuclear Facilities

Recommendation: APPROVE

1124-2003 (PE/T&D) IEEE Guide for Analysis and Definition of DC Side Harmonic Performance of HVDC Transmission Systems

Recommendation: APPROVE

1188-2005 (PE/SB) IEEE Recommended Practice for Maintenance, Testing, and Replacement of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications

Recommendation: APPROVE

1285-2005 (C/MS) IEEE Standard for Scalable Storage Interface (S2I)

Recommendation: APPROVE

1458-2005 (IAS/PCI) IEEE Recommended Practice for the Selection, Application, Field Testing, and Life Expectancy of Molded Case Circuit Breakers for Industrial Applications

Recommendation: APPROVE

1511-2004 (PE/IC) IEEE Guide for Investigating and Analyzing Power Cable, Joint, and Termination Failures on Systems Rated 5kV through 46 kV

Recommendation: APPROVE

C37.21-2005 (PE/SWG) IEEE Standard for Control Switchboards

Recommendation: APPROVE

C37.48-2005 (PE/SWG) IEEE Guide for the Application, Operation, and Maintenance of High-Voltage Fuses, Distribution Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches, and Accessories

Recommendation: APPROVE

C37.103-2004 (PE/PSR) IEEE Guide for Differential and Polarizing Relay Circuit Testing

Recommendation: APPROVE

C37.119-2005 (PE/PSR) IEEE Guide for Breaker Failure Protection of Power Circuit Breakers

Recommendation: APPROVE

C57.19.00-2004 (PE/TR) IEEE Standard General Requirements and Test Procedures for Power Apparatus Bushings

Recommendation: APPROVE

C62.43-2005 (PE/SPDLV) IEEE Guide for the Application of Surge Protectors Used in Low-Voltage (Equal to or Less than 1000 V, rms, or 1200 V, DC) Data, Communications, and Signaling Circuits

Recommendation: APPROVE

5-YEAR MAINTENANCE LIST

AES/GA

1554-2005 IEEE Recommended Practice for Inertial Sensor Test Equipment, Instrumentation, Data Acquisition, and Analysis

Sponsor states that reaffirmation ballot has been initiated.

Recommendation: Extend until December 2011.

BTS/AVTech

208-1995 (R2005) IEEE Standard on Video Techniques: Measurement of Resolution of Camera Systems, 1993 Techniques

Sponsor requests a one-year extension to determine whether the standard should be reaffirmed or revised.

Recommendation: Extend until December 2011.

C/LM

802.1H-1995 (R2001) Local and Metropolitan Area Networks: IEEE Recommended Practice for Media Access Control (MAC) Bridging of Ethernet Version 2.0 in 802 Local Area Networks

Sponsor concurs with administrative withdrawal.

Recommendation: Administrative withdrawal.

802.2-1989 (R2003) IEEE Standard for Information Technology – Telecommunications and Information Exchange Between Systems – Local and Metropolitan Area Networks – Specific Requirements – Part 2: Logical Link Control

[Also: **802.2a-1993 (R2003)**; **802.2b-1993 (R2003)**; **802.2c-1997(R2003)**; **802.2d-1993 (R2003)**; **802.2e-1993 (R2003)**; **802.2f-1997 (R2003)**; **802.2h-1997 (R2003)**]

Sponsor concurs with administrative withdrawal.

Recommendation: Administrative withdrawal.

C/LT

1484.11.3-2005 IEEE Standard for Learning Technology Extensible Markup Language (XML) Schema Binding for Data Model for Content Object Communication

A reaffirmation ballot has been initiated.

Recommendation: Extend until December 2011.

1484.12.3-2005 IEEE Standard for Extensible Markup Language (XML) Schema Definition Language Binding for Learning Object Metadata

Recommendation: Extend until March 2011.

C/MSC

1363-2000 IEEE Standard Specifications for Public-Key Cryptography
[Also **1363a-2004**]

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

1596-1992 IEEE Standard for Scalable Coherent Interface (SCI)

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C/S2ESC

982.1-2005 IEEE Standard Dictionary of Measures of the Software Aspects of Dependability

Sponsor is in the process of identifying a new WG Chair to submit a revision PAR, and requests a one-year extension.

Recommendation: Extend until December 2011.

1220-2005 IEEE Standard for Application and Management of the Systems Engineering Process

Sponsor requests that IEEE Std. 1220-2005 be extended for one year, until its replacement, ISO/IEC 26702, is approved and can be adopted.

Recommendation: Extend until December 2011.

1465-1998 (R2004) IEEE Standard – Adoption of International Standard ISO/IEC 12119:1994(E) – Information Technology – Software Packages – Quality Requirements and Testing

Sponsor concurs with administrative withdrawal.

Recommendation: Administrative withdrawal.

14143.1-2000 (R2005) IEEE Adoption of ISO/IEC 14143-1:1998 Information Technology – Software Measurement – Functional Size Measurement – Part 1: Definition of Concepts

Sponsor concurs with administrative withdrawal.

Recommendation: Administrative withdrawal.

C/TT

1450-1999 IEEE Standard Test Interface Language (STIL) for Digital Test Vector Data

A reaffirmation ballot has been initiated.

Recommendation: Extend until March 2011.

1450.1-2005 IEEE Standard for Extensions to Standard Test Interface Language (STIL) (IEEE Std. 1450-1999) for Semiconductor Design Environments

A reaffirmation ballot has been initiated.

Recommendation: Extend until December 2011.

1450.6-2005 IEEE Standard Test Interface Language (STIL) for Digital Test Vector Data – Core Test Language (CTL)

A reaffirmation ballot has been initiated.

Recommendation: Extend until December 2011.

1500-2005 IEEE Standard Testability Method for Embedded Core-Based Integrated Circuits

A reaffirmation ballot is in progress.

Recommendation: Extend until December 2011.

EMB/11073

11073-10201-2004 Health Informatics – Point-of-Care Medical Device Communication – Domain Information Model

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

11073-20101-2004 Health Informatics – Point-of-Care Medical Device Communication – Application Profile – Base Standard

Sponsor states that a revision PAR is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

EMC/SDCom

1309-2005 IEEE Standard for Calibration of Electromagnetic Field Sensors and Probes, Excluding Antennas, from 9 kHz to 40 GHz

A revision PAR is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

1560-2005 IEEE Standard for Methods of Measurement of Radio Frequency Power Line Interference Filter in the Range of 100 Hz to 10 GHz

A reaffirmation ballot is in progress.

Recommendation: Extend until December 2011.

IAS/PCI

303-2004 IEEE Recommended Practice for Auxiliary Devices for Rotating Electrical Machines in Class I, Division 2 and Zone 2 Locations

Sponsor states that a reaffirmation has been initiated.

Recommendation: Extend until March 2011.

1242-1999 (R2005) IEEE Guide for Specifying and Selecting Power, Control, and Special-Purpose Cable for Petroleum and Chemical Plants

Sponsor states that a PAR extension is on the October NesCom agenda. [Conditional approval was granted.]

Recommendation: Extend for the duration of the PAR.

IAS/PSE

1100-2005 IEEE Recommended Practice for Powering and Grounding Electronic Equipment

Sponsor requests an extension of the life of the IEEE 1100 standard for 2 years. We are currently in the process of reorganizing the Color Books and this extension will allow the reorganization work of the Color Books to proceed and revision of this standard in the new format to be completed.

Recommendation: Extend until December 2012.

IM/ST

1451.4-2004 IEEE Standard for a Smart Transducer Interface for Sensors and Actuators – Mixed-Mode Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats

Sponsor states that a reaffirmation has been initiated.

Recommendation: Extend until March 2011.

NPS/NI&D

325-1996 (R2002) IEEE Standard Test Procedures for Germanium Gamma-Ray Detectors

A PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

PE/ED&PG

122-1991 (R2003) IEEE Recommended Practice for Functional and Performance Characteristics of Control Systems for Steam Turbine-Generator Units

Recommendation: Administrative withdrawal.

421.3-1997 (R2004) IEEE Standard for High-Potential Test Requirements for Excitation Systems for Synchronous Machines

Sponsor states that a revision PAR will be submitted shortly.

Recommendation: Extend until March 2011.

421.4-2004 IEEE Guide for the Preparation of Excitation System Specifications

Sponsor states that a revision PAR will be submitted shortly.

Recommendation: Extend until March 2011.

421.5-2005 IEEE Recommended Practice for Excitation System Models for Power System Stability Studies

Sponsor requests a one-year extension to determine whether the standard should be reaffirmed or revised.

Recommendation: Extend until December 2011.

505-1977 (R2001) IEEE Standard Nomenclature for Generating Station Electric Power Systems

Recommendation: Administrative withdrawal.

665-1995 (R2001) IEEE Guide for Generating Station Grounding

Recommendation: Administrative withdrawal.

946-2004 IEEE Recommended Practice for the Design of DC Auxiliary Power Systems for Generating Systems

Recommendation: Administrative withdrawal.

958-2003 IEEE Guide for Application of AC Adjustable-Speed Drives on 2400 to 13,800 Volt Auxiliary Systems in Electric Power Generating Stations

Recommendation: Administrative withdrawal.

1020-1988 (R1994) IEEE Guide for Control of Small Hydroelectric Power Plants

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

1050-2004 IEEE Guide for Instrumentation and Control Equipment Grounding in Generating Stations

Recommendation: Administrative withdrawal.

1095-1989 (R1994) IEEE Guide for Installation of Vertical Generators and Generator/Motors for Hydroelectric Applications

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

1147-2005 IEEE Guide for the Rehabilitation of Hydroelectric Power Plants

Sponsor requests a one-year extension to determine whether the standard should be reaffirmed or revised.

Recommendation: Extend until December 2011.

1249-1996 IEEE Guide for Computer-Based Control for Hydroelectric Power Plant Automation

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

PE/EM

492-1999 (R2005) IEEE Guide for Operation and Maintenance of Hydro-Generators

Sponsor states that a reaffirmation is in progress.

Recommendation: Extend until December 2011.

1434-2000 (R2005) IEEE Guide to the Measurement of Partial Discharges in Rotating Machinery

Sponsor states that a revision PAR is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

PE/IC

1210-2004 IEEE Standard Tests for Determining Compatibility of Cable-Pulling Lubricants with Wire and Cable

Sponsor requests a one-year extension to determine whether the standard should be reaffirmed or revised.

Recommendation: Extend until March 2011.

1299-1996 (R2003) IEEE Guide for the Connection of Surge Arresters to Protect Insulated, Shielded Electric Power Cable Systems

C62.22.1-1996 (R2003) IEEE Guide for the Connection of Surge Arresters to Protect Insulated, Shielded Electric Power Cable Systems

Sponsor states that a PAR extension is on the December NesCom agenda. *[These two documents are the same, and are being revised by P1299.]*

Recommendation: Extend for the duration of the PAR.

1406-1998 (R2004) IEEE Guide to the Use of Gas-In-Fluid Analysis for Electric Power Cable Systems

Sponsor requests a one-year extension to determine whether the standard should be reaffirmed or revised.

Recommendation: Extend until March 2011.

PE/NPE

690-2004 IEEE Standard for the Design and Installation of Cable Systems for Class 1E Circuits in Nuclear Power Generating Stations

[NOTE: This project was transferred from PE/ED&PG on 2-Aug-2010.]

Sponsor states that PE/NPE recently agreed to take over this standard. Our next meeting is in January 2011. We would decide at this meeting to proceed with a revision or reaffirmation. If a revision is needed, the PAR will be submitted to ADCOM of NPEC for approval in July 2011 meeting. This is the first request from PE/NPE for an extension until September 2011.

Recommendation: Extend until December 2011.

833-2005 IEEE Recommended Practice for the Protection of Electric Equipment in Nuclear Power Generating Stations from Water Hazards

Sponsor states that reaffirmation ballot is in progress.

Recommendation: Extend until December 2011.

845-1999 (R2005) IEEE Guide for the Evaluation of Human-System Performance in Nuclear Power Generating Stations

Sponsor states that reaffirmation ballot has been initiated.

Recommendation: Extend until December 2011.

PE/PSC

1222-2003 IEEE Standard for All-Dielectric Self-Supporting Fiber Optic Cable

A PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

PE/PSR

C37.90-2005 (PE/PSR) IEEE Standard for Relays and Relay Systems Associated with Electric Power Apparatus

Sponsor states that a reaffirmation is in progress.

Recommendation: Extend until December 2011.

C37.92-2005 IEEE Standard for Analog Inputs to Protective Relays From Electronic Voltage and Current Transducers

Sponsor states that a reaffirmation has been initiated.

Recommendation: Extend until December 2011.

C37.113-1999 (R2004) IEEE Guide for Protective Relay Applications to Transmission Lines

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C37.115-2003 IEEE Standard Test Method for Use in the Evaluation of Message Communications between Intelligent Electronic Devices in an Integrated Substation Protection, Control and Data Acquisition System

Sponsor concurs with administrative withdrawal.

Recommendation: Administrative withdrawal.

PE/SB

1106-2005 IEEE Recommended Practice for Installation, Maintenance, Testing, and Replacement of Vented Nickel-Cadmium Batteries for Stationary Applications

Sponsor states that a reaffirmation is in progress.

Recommendation: Extend until December 2011.

1115-2000 (R2005) IEEE Recommended Practice for Sizing Nickel-Cadmium Batteries for Stationary Applications

[Also **1115a-2007**]

Sponsor states that a reaffirmation is in progress.

Recommendation: Extend until December 2011.

1491-2005 IEEE Guide for Selection and Use of Battery Monitoring Equipment in Stationary Applications

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

PE/SPDHV

1313.2-1999 (R2005) IEEE Guide for the Application of Insulation Coordination

Sponsor states that a revision PAR under a new number (PC62.82.2) is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

PE/SPDLV

C62.33-1982 (R2000) IEEE Standard Test Specifications for Varistor Surge-Protective Devices

Sponsor states that a PAR extension is on the December NesCom agenda. The extension PAR was withdrawn from the agenda, and the Sponsor plans to submit another revision PAR.

Recommendation: Extend until March 2011.

C62.34-1996 (R2001) IEEE Standard for Performance of Low-Voltage Surge-Protective Devices (Secondary Arresters)

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C62.37.1-2000 IEEE Guide for the Application of Thyristor Surge Protective Devices

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C62.42-2005 IEEE Guide for the Application of Component Surge-Protective Devices for Use in Low-Voltage [Equal to or Less than 1000 V (ac) Or 1200 V (dc)] Circuits

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C62.48-2005 IEEE Guide on Interactions between Power System Disturbances and Surge Protective Devices

Sponsor requests a one-year extension to determine whether the standard should be reaffirmed or revised.

Recommendation: Extend until December 2011.

PE/SUB

979-1994 (R2004) IEEE Guide for Substation Fire Protection

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

1031-2000 IEEE Guide for the Functional Specification of Transmission Static Var Compensators

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

1267-1999 (R2005) IEEE Guide for Development of Specification for Turnkey Substation Projects

Sponsor states that a revision PAR is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

1268-2005 IEEE Guide for Safety in the Installation of Mobile Substation Equipment

Sponsor states that a reaffirmation has been initiated.

Recommendation: Extend until December 2011.

PE/SWG

1247-2005 IEEE Standard for Interrupter Switches for Alternating Current, Rated Above 1000 Volts

Sponsor states that reaffirmation ballot is in progress.

Recommendation: Extend until December 2011.

C37.63-2005 IEEE Standard Requirements for Overhead, Pad-Mounted, Dry-Vault, and Submersible Automatic Line Sectionalizers for AC Systems

Sponsor states that reaffirmation ballot is in progress.

Recommendation: Extend until December 2011.

C37.010-1999 (R2005) IEEE Application Guide for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis

Sponsor states that a revision PAR is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C37.012-2005 IEEE Application Guide for Capacitance Current Switching for AC High-Voltage Circuit Breakers

Sponsor states that reaffirmation ballot will be initiated by the end of the year.

Recommendation: Extend until December 2011.

C37.100-1992 (R2001) IEEE Standard Definitions for Power Switchgear

Sponsor states that a letter to IEEE was sent on 22 May 2009 requesting that C37.100 be made into a compendium of term (letter included in this report). The IEEE has not responded with a definitive plan for handling this document until the electronic version is fully available. It is requested that the life of this document be extended until the plans for the electronic document are finalized.

Recommendation: Extend until December 2011.

PE/T&D

519-1992 IEEE Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

957-2005 IEEE Guide for Cleaning Insulators

Sponsor states that a revision PAR will be submitted to NesCom.

Recommendation: Extend until December 2011.

1048-2003 IEEE Guide for Protective Grounding of Power Lines

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

1204-1997 (R2003) IEEE Guide for Planning DC Links Terminating at AC Locations Having Low Short-Circuit Capacities

Sponsor concurs with administrative withdrawal.

Recommendation: Administrative withdrawal.

1441-2004 IEEE Guide for Inspection of Overhead Transmission Line Construction

Sponsor requests an extension to determine if the standard should be revised or reaffirmed.

Recommendation: Extend until March 2011.

PE/TR

1538-2000 (R2005) IEEE Guide for Determination of Maximum Winding Temperature Rise in Liquid-Filled Transformers

Sponsor states that reaffirmation ballot has been initiated and requests a one-year extension.

Recommendation: Extend until December 2011.

C57.12.20-2005 IEEE Standard for Overhead Type Distribution Transformers, 500 kVA and Smaller: High Voltage, 34500 Volts and Below; Low Voltage, 7970/13800Y Volts and Below

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C57.16-1996 (R2001) IEEE Standard Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C57.19.01-2000 (R2005) IEEE Standard Performance Characteristics and Dimensions for Outdoor Apparatus Bushings

Sponsor states that a revision PAR is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C57.19.100-1995 (R2003) IEEE Guide for Application of Power Apparatus Bushings

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C57.91-1995 (R2004) IEEE Guide for Loading Mineral-Oil-Immersed Transformers
[Also C57.91-1995/Cor 1-2002 (R2004)]

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C57.98-1994 (R1999) IEEE Guide for Transformer Impulse Tests

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C57.100-1999 IEEE Standard Test Procedure for Thermal Evaluation of Liquid-Immersed Distribution and Power Transformers

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C57.116-1989 (R2005) IEEE Guide for Transformers Directly Connected to Generators

Sponsor states that reaffirmation ballot has been initiated and requests a one-year extension.

Recommendation: Extend until December 2011.

C57.117-1986 (R2005) IEEE Guide for Reporting Failure Data for Power Transformers and Shunt Reactors on Electric Utility Power Systems

C57.125-1991 (R2005) IEEE Guide for Failure Investigation, Documentation, and Analysis for Power Transformers and Shunt Reactors

Sponsor states that the WG has decided to merge C57.117 and C57.125 into one guide, with the number C57.125. The PAR has been submitted for the January 2011 NesCom agenda.

Recommendation: Extend until March 2011.

C57.131-1995 IEEE Standard Requirements for Load Tap Changers

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

C57.138-1998 (R2005) IEEE Recommended Practice for Routine Impulse Test for Distribution Transformers

Sponsor states that a revision PAR has been submitted for the January 2011 NesCom agenda.

Recommendation: Extend until March 2011.

C57.146-2005 IEEE Guide for Interpretation of Gasses Generated in Silicone-Immersed Transformers

Sponsor states that reaffirmation ballot has been initiated and requests a one-year extension.

Recommendation: Extend until December 2011.

PEL/SC

1573-2003 IEEE Recommended Practice for Electronic Power Subsystems: Parameters, Interfaces, Elements, and Performance

A revision PAR is on the January 2011 NesCom agenda.

Recommendation: Extend for the duration of the PAR.

SASB/SCC04

1-2000 (R2005) IEEE Recommended Practice – General Principles for Temperature Limits in the Rating of Electrical Equipment and for the Evaluation of Electrical Insulation

Sponsor states that a reaffirmation ballot is in progress.

Recommendation: Extend until December 2011.

SASB/SCC21

1547.1-2005 IEEE Standard Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems

A reaffirmation ballot is in progress.

Recommendation: Extend until December 2011.

VT/RT

1475-1999 (R2005) IEEE Standard for the Functioning of and Interfaces among Propulsion, Friction Brake, and Train-Borne Master Control on Rail Rapid Transit Vehicles

Sponsor states that a revision PAR has been submitted for the January 2011 NesCom agenda.

Recommendation: Extend until March 2011.

1478-2001 IEEE Standard for Environmental Conditions for Transit Rail Car Electronic Equipment

Sponsor states that a PAR extension is on the December NesCom agenda.

Recommendation: Extend for the duration of the PAR.

1482.1-1999 (R2005) IEEE Standard for Rail Transit Vehicle Event Recorders

Sponsor states that a revision PAR has been submitted for the January 2011 NesCom agenda.

Recommendation: Extend until March 2011.

1558-2004 IEEE Standard for Software Documentation for Rail Equipment and Systems

Sponsor states that reaffirmation ballot will be initiated shortly.

Recommendation: Extend until March 2011.

AMENDMENT EXTENSION

802.11-2007 IEEE Standard for Information Technology – Telecommunications and Information Exchange Between Systems – Local and Metropolitan Networks – Specific Requirements – Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications

Recommendation: RevCom recommends to the IEEE SASB that the time for the revision of IEEE Std 802.11-2007 be extended by two years (until December 2012), as described in the IEEE-SA Standards Board Operations Manual subclause 8.1.2, and as supported by the schedule described in document IEEE 802.11-10/0705r2.

3 Legal Update

Michael Lindsay attended via phone for this agenda item.

3.1 Commercial Terms

Don Wright initiated a discussion related to whether the IEEE-SA needs a definition for ‘commercial terms’. It was noted that consideration should be given to a spectrum of markets and that it may be necessary to examine the context in which a term is mentioned.

3.2 *Executive Session*

The Standards Board entered Executive Session at 12:00 p.m.

The SASB members who comprised the decision-making body:

Karen Bartleson
Victor Berman
Ted Burse
Rich Hulett
Young Kyun Kim
John Kulick
Hung Ling
Oleg Logvinov
Ted Olsen
Ron Petersen
Tom Prevost
Jon Rosdahl
Sam Sciacca
Mike Seavey

Information reported out: Move to refrain from taking any specific action regarding any standard; and move to form an ad hoc to define an SASB position with regards to commercial terms.

The Standards Board exited Executive Session at 1:55 p.m.

AI – Rich Hulett to form the ad hoc.

4 **Managing Director's [Report](#)**

Oleg Logvinov and Jean-Philippe Faure presented a certificate of appreciation from P1901 WG to Noelle Humenick.

Judy Gorman reported.

5 **Old Business**

5.1 The minutes of the 30 September 2010 meeting were approved on 28 October 2010.

5.2 1900.4 Working Group/SCC41 [Update](#)

The following two motions were made and were unanimously approved.

Motion 1: The SASB is satisfied with the operations of SCC41, and therefore new PARs may be submitted and approved. The SASB therefore removes the prohibition of new PARs for SCC41. The SASB expects that the process changes implemented in order to comply with the previous resolutions will continue to be observed. The SASB also approves the continued authorization of an oversight committee with the retention of any powers previously granted to the committee.

Motion 2: The SASB authorizes that all activities of SCC41 be transferred to the Communication Society Standards Board and that SCC41 be disbanded. As indicated by ComSoc, the ComSoc Standards Board is expected to cooperate with the EMC Society on projects of interest to the EMC

Society. The SASB requests a report from the ComSoc Standards Board at the March 2011 SASB meeting describing the status of the transfer of SCC41 activities.

Chair Grow thanked John Kulick for the outstanding work he has done in overseeing this activity.

Chair Grow thanked Steve Mills for his assistance on the Oversight Committee. Steve will move off the OC in 2011.

John Kulick thanked Bob Grow, Steve Mills, and Michael Lindsay for their assistance.

6 SASB Standing Committee Reports

6.1 Standards Review Committee ([RevCom](#))

David Law, RevCom Chair, reported.

6.2 New Standards Committee ([NesCom](#))

Tom Prevost, NesCom Chair, reported.

Tom stated he thought that the committee tools were adequate and helped facilitate processing the work and the NesCom meetings.

6.3 Procedures Committee ([ProCom](#))

Rich Hulett, ProCom Chair, reported.

Item for SASB email ballot:

- [Proposed changes](#) to SASB Bylaws and SASB OpMan RE: Entities

6.4 Audit Committee ([AudCom](#))

Ron Petersen, AudCom Chair, reported.

Items for SASB email ballot:

- Changes to WG (entity) Baseline P&Ps
- Changes to WG (individual) Baseline P&Ps
- Changes to Sponsor Baseline P&Ps

6.4.1 SCC31 P&Ps

The following motion was made and was unanimously approved.

Defer consideration of the updated SCC31 P&P until March 2011. Extend the expiration date of the currently approved SCC31 P&P until March 2011.

6.5 Patent Committee ([PatCom](#))

John Kulick, PatCom Chair, reported.

7 Standards Coordinating Committee Reports

7.1 SCC Coordinator's [Report](#)

John Kulick, SCC Coordinator, reported.

7.2 Scheduled Reports Due in December:

7.2.1 [SCC21](#) – Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage (Dick DeBlasio)

Dick DeBlasio discussed some highlights (e.g., P2030.2 [storage]).

7.2.2 [SCC31](#) – Automatic Meter Reading and Energy Management (Lawrence Kotewa)

7.2.3 SCC40 – Earth Observation (Siri Jodha S. Khalsa)

John noted Dick DeBlasio winning the Steinmetz Award.

There was a motion to:

- **Accept the submitted report from SCC21.**
- **Accept the submitted report from SCC31.**
- **Grant extension for submittal of the report from SCC40 until the March 2011 SASB meeting.**

The motion was approved by voice vote without opposition.

8 Ad Hoc Reports

8.1 myProject Ad Hoc Report

David Law, Ad Hoc Chair, gave a verbal report.

David stated that no meeting of the myProject ad hoc occurred since the SASB meeting in Berlin. In the last six months, the myProject implementation team has been focusing on clearing tickets. A total of 206 closed; currently 94 open. As an example, bulk upload of rogue comments is a 'small' enhancement request that has recently been implemented.

8.2 Reaffirmation Process Ad Hoc [Report](#)

Jim Hughes, Ad Hoc Chair reported.

It was noted that if the recommended process changes are approved, it may be appropriate to slate implementation for 1 January 2012.

ProCom motion was now discussed:

1. The proposed P&P changes in the [SASB OpMan](#), [SASB Bylaws](#), and [SA OpMan](#) be sent to the SASB for approval.

2. ProCom recommended that Sponsors review the P&P changes prior to the SASB ballot.

There was an amendment proposed to motion part 2.

Motion to send the proposed P&P changes to Sponsors for review until 28 February 2011 prior to SASB ballot.

The amendment was approved.

Then the vote on amended motion part 2 was taken. The amended full motion was approved.

AI – Jim Hughes and Dave Ringle to compose the email to be sent to the Sponsors, informing them that ProCom has recommended approval of the P&P changes and that the SASB is now giving Sponsors an opportunity to review/comment on the proposed process changes.

8.3 Corporate Influence Ad Hoc Report

Steve Mills, Ad Hoc Chair, gave a verbal report. Steve noted that staff has initiated some research projects for the ad hoc group; Tom Prevost and Sam Sciacca have been added to the ad hoc group; next year, it may be time for a new Chair for this ad hoc group.

9 Liaison Reports

9.1 DOE [Report](#)

Dick DeBlasio provided a written report.

9.2 NIST [Report](#)

Michael Janezic provided a written report.

9.3 NRC Report

Satish Aggarwal provided a verbal report.

Satish stated that there was nothing significant to report since the Berlin Board meeting. However, he shared the following observations with the Board:

1. TVA is considering building up to six Babcock & Wilcox modular reactors for its Clinch River site in Oak Ridge, TN. Initial work will begin with two 125 MW modules.
2. ASME is taking an aggressive role in presenting its nuclear standards to international community. Recently, ASME entered into an agreement with Korea to provide its standards in English, with simultaneous translation in Korean language. ASME has been now working with companies such as China Nuclear Corp. to adopt codes and standards for nuclear reactor components, with translation in Chinese language.
3. On the IEEE side, the PES/Nuclear Power Engineering Committee (NPEC) is prepared to update nuclear safety standards for the 21st century. NPEC will consider risk-based concepts for these nuclear safety standards.

10 Informational Reports

10.1 IEEE-SA President's Report

Judy Gorman, IEEE-SA Managing Director and SASB Secretary, gave a Thank You gift to Bob Grow for his service to the IEEE-SA as the SASB Chair. Chuck Adams, IEEE-SA President, thanked Bob for his work as the SASB Chair.

Chuck then gave a verbal report that touched on:

- Smart Grid funding
- Educational activities
- Full life cycle products
- Nominations & Appointments:
 - o Karen Bartleson and Phil Wennblom are the candidates for IEEE-SA President Elect
 - o Roger Pollard and Peter Staecker are the candidates for IEEE President Elect

Chuck thanked the SASB members for their service.

10.2 CAG [Report](#)

Jim Hughes reported.

10.3 Chair's [Report](#)

Chair Grow reported. He thanked Rich Hulett for his assistance as SASB Vice Chair.

11 New Business

11.1 [Possible Reduction](#) of Face-to-Face SASB Meeting Series Per Year

Tom Prevost initiated discussion on the concept of reducing the number of face-to-face meetings of the SASB per year. An example [calendar](#) was shown.

Some SASB members expressed concerns related to scheduling difficulties across time zones for teleconferences.

Some members talked in favor of the proposal; some members talked against the proposal. No motions were made.

11.2 The 'Match' [Rule](#)

David Law initiated discussion on how it appears that the rule that requires that the Title, Scope, and Purpose of a draft submitted to RevCom match those of the PAR may not be achieving its goals and may be causing collateral harm. An ad hoc group was formed to examine the issues.

Ad hoc members: David Law (Chair), Bob Grow, Jim Moore, Jon Rosdahl, Sam Sciacca, Howard Wolfman, Yvette HoSang, Dave Ringle, and Sue Vogel.

11.3 2011 [Calendar](#)

The 2011 calendar venues were noted.

12 Next Meeting

The next meeting of the IEEE-SA Standards Board will be 31 March 2011 in Piscataway, New Jersey, USA.

13 SASB Resolutions

The SASB is satisfied with the operations of SCC41, and therefore new PARs may be submitted and approved. The SASB therefore removes the prohibition of new PARs for SCC41. The SASB expects that the process changes implemented in order to comply with the previous resolutions will continue to be observed. The SASB also approves the continued authorization of an oversight committee with the retention of any powers previously granted to the committee.

The SASB authorizes that all activities of SCC41 be transferred to the Communication Society Standards Board and that SCC41 be disbanded. As indicated by ComSoc, the ComSoc Standards Board is expected to cooperate with the EMC Society on projects of interest to the EMC Society. The

SASB requests a report from the ComSoc Standards Board at the March 2011 SASB meeting describing the status of the transfer of SCC41 activities.

14 Adjournment

There being no further business, the meeting was adjourned at 3:55 p.m.