

**IEEE-SA STANDARDS BOARD STANDARDS REVIEW COMMITTEE  
(RevCom)  
Recommendations  
[SASB approved: 31 March 2011]**

*[All votes unanimous unless noted otherwise.]*

**New**

**P802.3bg/D3.1** (C/LM) IEEE Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications Amendment: Physical Layer and Management Parameters for Serial 40 Gb/s Ethernet Operation Over Single-Mode Fiber

Recommendation: APPROVE [11= yes, 0= no, 0= abstain]

David Law recused himself from the vote on this item, as he is the working group chair.

**P802.16m/D12** (C/LM + MTT) IEEE Standard for Local and metropolitan area networks - Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems – Advanced Air Interface

Recommendation: APPROVE

**P1484.12.1-2002/Cor1/D16** (C/LT) Standard for Learning Object Metadata - Corrigendum 1: Corrigenda for 1484.12.1 LOM (Learning Object Metadata)

Recommendation: APPROVE

**P1549/D03** (MTT) Standard for Microwave Filter Definitions

Recommendation: APPROVE

**P1581/D1.37** (C/TT) Standard for Static Component Interconnection Test Protocol and Architecture

Recommendation: APPROVE

**P1584b/D4** (IAS/PCI) IEEE Guide for Performing Arc-Flash Hazard Calculations - Amendment 1: Changes to Clause 4

Recommendation: APPROVE [10= yes, 2= no (Bartley, Chaplin), 0= abstain]

**P1724/D14** (PE/T&D) Guide for the Preparation of a Transmission Line Design Criteria Document

Recommendation: APPROVE

**P1733/D7.0** (C/MSC) Standard for Layer 3 Transport Protocol for Time Sensitive Applications in Local Area Networks

Recommendation: APPROVE

**P15026-1/D1** (C/S2ESC) Trial-Use Standard for Adoption of ISO/IEC TR 15026-1:2010 - Systems and Software Engineering -Systems and Software Assurance - Part 1: Concepts and Vocabulary

Recommendation: APPROVE

**P24748-1/D1** (C/S2ESC) Guide for Adoption of ISO/IEC TR 24748-1:2010 Systems and Software Engineering - Life Cycle Management - Part 1: Guide for Life Cycle Management

Recommendation: APPROVE

**P26512/D3** (C/S2ESC) Standard for Software and Systems Engineering - Requirements for Acquirers and Suppliers of User Documentation

Recommendation: Conditionally Approve

There was a motion to approve P26512 conditional on SASB approval of the modified PAR.

**P62582-1/D4** (PE/NPE) Standard for Nuclear Power Plants - Instrumentation and Control Important to Safety - Electrical Equipment Condition Monitoring Methods - Part 1: General

Recommendation: Conditionally Approve

There was a motion to approve P62582-1 conditional on SASB approval of the modified PAR.

**P62582-2/D4** (PE/NPE) Standard for Nuclear Power Plants - Instrumentation and Control Important to Safety - Electrical Equipment Condition Monitoring Methods - Part 2: Indenter Modulus

Recommendation: Conditionally Approve

There was a motion to approve P62582-2 conditional on SASB approval of the modified PAR.

**P62582-4/D4** (PE/NPE) Standard for Nuclear Power Plants - Instrumentation and Control Important to Safety - Electrical Equipment Condition Monitoring Methods - Part 4: Oxidation Induction Techniques

Recommendation: Conditionally Approve

There was a motion to approve P62582-4 conditional on SASB approval of the modified PAR.

## **Revision**

**P1076.1.1/D1.3** (C/DA) Standard for VHDL Analog and Mixed-Signal Extensions - Packages for Multiple Energy Domain Support

Recommendation: APPROVE

**P1222/D5** (PE/PSC) Standard for Testing and Performance for All-Dielectric Self Supporting (ADSS) Fiber Optic Cable for Use on Electric Utility Power Lines

Recommendation: APPROVE

**P1250/D13** (PE/T&D) Guide for Identifying and Improving Voltage Quality in Power Systems

Recommendation: APPROVE

### **Reaffirmation**

**492-1999 (R2005)** (PE/EM) IEEE Guide for Operation and Maintenance of Hydro-Generators

Recommendation: APPROVE

**802.1D-2004** (C/LM) IEEE Standard for Local and Metropolitan Area Networks Media Access Control (MAC) Bridges

Recommendation: APPROVE

**824-2004** (PE/T&D) IEEE Standard for Series Capacitor Banks in Power Systems

Recommendation: APPROVE

**1025-1993 (R1999)** (PE/T&D) IEEE Guide to the Assembly and Erection of Concrete Pole Structures

Recommendation: APPROVE

**1500-2005** (C/TT) IEEE Standard Testability Method for Embedded Core-Based Integrated Circuits

Recommendation: APPROVE

**1554-2005** (AES/GA) IEEE Recommended Practice for Inertial Sensor Test Equipment, Instrumentation, Data Acquisition, and Analysis

Recommendation: APPROVE

**C37.012-2005** (PE/SWG) IEEE Application Guide for Capacitance Current Switching for AC High-Voltage Circuit Breakers

Recommendation: APPROVE [7= yes, 3= no (Chaplin, Kraemer, Bartley), 2= abstain (Burse, Hoffman)]

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

Recommendation: APPROVE

**C37.92-2005** (PE/PSR) IEEE Standard for Analog Inputs to Protective Relays from Electronic Voltage and Current Transducers

Recommendation: APPROVE

**C62.31-2006** (PE/SPDLV) IEEE Standard Test Methods for Low-Voltage Gas-Tube Surge-Protective Device Components

Recommendation: APPROVE

### **5-Year Maintenance List - March 2011 Follow-Up**

#### **C/LT**

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

Sponsor is working on a corrigendum, and requests an extension to be able to complete the corrigendum.

Recommendation: Extend until December 2011.

#### **C/TT**

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

A reaffirmation ballot is in progress.

Recommendation: Extend until December 2011.

**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 is in progress.

Recommendation: Extend until December 2011.

**PE/ED&PG**

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

A revision PAR has been submitted for the March NesCom meeting.

Recommendation: Extend for the duration of the PAR.

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

A revision PAR has been submitted for the March NesCom meeting.

Recommendation: Extend for the duration of the PAR.

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

Sponsor states that a reaffirmation has been initiated.

Recommendation: Extend until December 2011.

**PE/IC**

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

Sponsor states that a reaffirmation has been initiated.

Recommendation: Extend until December 2011.

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

Sponsor states that a reaffirmation has been initiated.

Recommendation: Extend until December 2011.

**PE/SB**

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

A reaffirmation has been initiated.

Recommendation: Extend until December 2011.

**PE/SPDLV**

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

A revision PAR has been submitted for the March NesCom meeting.

Recommendation: Extend for the duration of the PAR.

**PE/T&D**

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

Recommendation: Administrative withdrawal.

**PEL/SC**

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

A revision PAR is on the March 2011 NesCom agenda.

Recommendation: Extend for the duration of the PAR.

## **VT/RT**

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

Sponsor states that a reaffirmation has been initiated, and a corrigendum PAR submitted in parallel.

Recommendation: Extend until December 2011.