

## Contents

### American National Standards

<b>Call for Comment on Standards Proposals</b> .....	2
<b>Call for Comment Contact Information</b> .....	7
<b>Final Actions</b> .....	9
<b>Project Initiation Notification System (PINS)</b> .....	10

### International Standards

<b>ISO Draft Standards</b> .....	13
<b>IEC Newly Published Standards</b> .....	14
<b>Registration of Organization Names in the U.S.</b> .....	16
<b>Proposed Foreign Government Regulations</b> .....	16
<b>Information Concerning</b> .....	17

## American National Standards

### Call for comment on proposals listed

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section(s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically.

#### Ordering Instructions for "Call-for-Comment" Listings

1. Order from the organization indicated for the specific proposal.
2. Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.
3. Include remittance with all orders.
4. BSR proposals will not be available after the deadline of call for comment.

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. Fax: 212-840-2298; e-mail: psa@ansi.org

★ Standard for consumer products

## Comment Deadline: October 8, 2006

### ITI (INCITS) (InterNational Committee for Information Technology Standards)

#### Supplements

BSR INCITS 407(Erratum)-200x, Erratum to INCITS 407-2005, Information technology - BIOS Enhanced Disk Drive Services - 3 (EDD-3) (supplement to ANSI INCITS 407-2005)

This standard assumes that the reader is familiar with the conventional INT 13h interface, the usage of the BIOS Device Parameter Table, and the basic operation of mass storage devices. This standard describes in detail BIOS functions and data structures that are used as an abstraction layer to allow higher-level applications to access mass storage devices in an interface and command-set independent manner. To comply with this standard, higher-level software shall call the INT functions using the data structures described in this standard, and system firmware shall provide the INT functions and data structures described in this standard.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Parthenia Purnell, ITI (INCITS); ppurnell@itic.org

### NAAMM (National Association of Architectural Metal Manufacturers)

#### Revisions

BSR/NAAMM HMMA 861-200x, Guide Specifications for Commercial Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 861-2000)

Describes materials and fabrication methods for commercial hollow metal products, including doors, panels, frames, and windows.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Edward Estes, NAAMM; estesassos@cox.net

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 786-200x, Key Locked Safes (Class KL) (Proposal dated 9/8/06) (revision of ANSI/UL 786-2004)

This proposal to UL 786 modifies the proposed revision to 1.3 as announced in the 12/9/05 issue of ANSI's "Standards Action."

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Linda Phinney, UL-SC, Linda.L.Phinney@us.ul.com

## Comment Deadline: October 23, 2006

### AISI (American Iron and Steel Institute)

#### New Standards

BSR/AISI COFS/PRODUCT-200x, North American Standard for Cold-Formed Steel Framing - Product Data (new standard)

Provides criteria, including material and product requirements for structural and non-structural cold-formed steel framing members where the specified minimum base steel thickness is between 18 mils (0.0179 inches) (0.455 mm) and 118 mils (0.1180 inches) (2.997 mm). The components covered include C-shape studs, joists, track, U-channels, furring channels and angles.

Single copy price: Free

Obtain an electronic copy from: jlaron@steel.org

Order from: Jay Larson, AISI; jlaron@steel.org

Send comments (with copy to BSR) to: Same

### ASABE (American Society of Agricultural and Biological Engineers)

#### New Standards

BSR/ASABE S592-200x, Best Management Practices for Boom Spraying (new standard)

To enhance responsible stewardship of pest control products associated with the spray application process, with emphasis on equipment selection, setup, and use for efficient application with minimal off-target spray drift and to comply with the pest control product label. The Standard codifies basic BMPs for boom spraying in a step-by-step procedure for a wide audience ranging from those with little familiarity with sprayers to seasoned professionals and researchers.

Single copy price: \$40.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, ASABE; vangilder@asabe.org

Send comments (with copy to BSR) to: Same

### ASTM (ASTM International)

The URL to search for scopes of ASTM standards is:

<http://www.astm.org/dsearch.htm>

For reaffirmations and withdrawals, order from: Customer Service, ANSI

For new standards and revisions, order from: Corice Leonard, ASTM ;

cleonard@astm.org

For all ASTM standards, send comments (with copy to BSR) to:

Corice Leonard, ASTM ; cleonard@astm.org

#### Revisions

BSR/ASTM D69-200x, Test Methods for Friction Tapes (revision of ANSI/ASTM D69-2001)

Single copy price: \$34.00

BSR/ASTM D902-200x, Test Methods for Flexible Resin-Coated Glass Fabrics and Glass Fabric Tapes Used for Electrical Insulation (revision of ANSI/ASTM D902-2000)

Single copy price: \$34.00

BSR/ASTM D1389-200x, Test Method for Proof-Voltage Testing of Thin Solid Electrical Insulating Materials (revision of ANSI/ASTM D1389-1998 (R2004))

Single copy price: \$29.00

BSR/ASTM D1531-200x, Test Methods for Relative Permittivity Dielectric Constant and Dissipation Factor by Fluid Displacement Procedures (revision of ANSI/ASTM D1531-2001)

Single copy price: \$34.00

BSR/ASTM D2307-200x, Test Method for Thermal Endurance of Film-Insulated Round Magnet Wire (revision of ANSI/ASTM D2307-2005)

Single copy price: \$34.00

BSR/ASTM D2484-200x, Specification for Polyester Film Pressure-Sensitive Electrical Insulating Tape (revision of ANSI/ASTM D2484-2000)

Single copy price: \$29.00

BSR/ASTM D2656-200x, Specification for Crosslinked Polyethylene Insulation for Wire and Cable Rated 2001 to 35 000 V (revision of ANSI/ASTM D2656-2000)

Single copy price: \$29.00

BSR/ASTM D2686-200x, Specification for Polytetrafluoroethylene-Backed Pressure-Sensitive Electrical Insulating Tape (revision of ANSI/ASTM D2686-2000)

Single copy price: \$29.00

BSR/ASTM D2865-200x, Practice for Calibration of Standards and Equipment for Electrical Insulating Materials Testing (revision of ANSI/ASTM D2865-2001)

Single copy price: \$29.00

BSR/ASTM D4514-200x, Specification for Friction Tape (revision of ANSI/ASTM D4514-2000)

Single copy price: \$29.00

BSR/ASTM D6751-200x, Specification for Biodiesel Fuel Blend Stock B100 for Middle Distillate Fuels (revision of ANSI/ASTM D6751-2005)

Single copy price: \$34.00

BSR/ASTM E84-200x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2006)

Single copy price: \$40.00

BSR/ASTM E119-200x, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2005)

Single copy price: \$45.00

BSR/ASTM E162-200x, Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source (revision of ANSI/ASTM E162-2003)

Single copy price: \$34.00

BSR/ASTM E176-200x, Terminology of Fire Standards (revision of ANSI/ASTM E176-2005a)

Single copy price: \$40.00

BSR/ASTM E603-200x, Guide for Room Fire Experiments (revision of ANSI/ASTM E603-2006)

Single copy price: \$40.00

BSR/ASTM E906-200x, Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using a Thermopile Method (revision of ANSI/ASTM E9-89a (R2000))

Single copy price: \$45.00

BSR/ASTM E970-200x, Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source (revision of ANSI/ASTM E970-1996)

Single copy price: \$40.00

BSR/ASTM E1529-200x, Test Methods for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies (revision of ANSI/ASTM E1529-2005)

Single copy price: \$40.00

BSR/ASTM E1546-200x, Guide for Development of Fire-Hazard-Assessment Standards (revision of ANSI/ASTM E1546-1998)

Single copy price: \$40.00

BSR/ASTM E2032-200x, Guide for Extension of Data from Fire Endurance Tests (revision of ANSI/ASTM E2032-1999)

Single copy price: \$34.00

BSR/ASTM E2058-200x, Test Methods for Measurement of Synthetic Polymer Material Flammability Using a Fire Propagation Apparatus (FPA) (revision of ANSI/ASTM E2058-2003)

Single copy price: \$45.00

BSR/ASTM E2117-200x, Classifications Guide for Identification and Establishment of a Quality Assurance Program for Medical Transcription (revision of ANSI/ASTM E2117-2000)

Single copy price: \$34.00

BSR/ASTM E2148-200x, Guide for Using Documents Related to Metalworking or Metal Removal Fluid Health and Safety (revision of ANSI/ASTM E2148-2003)

Single copy price: \$29.00

BSR/ASTM E2307-200x, Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using Intermediate-Scale, Multi-Story Test Apparatus (revision of ANSI/ASTM E2307-2004)

Single copy price: \$40.00

BSR/ASTM F608-200x, Test Method for Evaluation of Carpet Embedded Dirt Removal Effectiveness of Household/Commercial Vacuum Cleaners (revision of ANSI/ASTM F608-2003)

Single copy price: \$40.00

### **Reaffirmations**

BSR/ASTM D1523-2000 (R200x), Specification for Synthetic Rubber Insulation for Wire and Cable, 90 C Operation (reaffirmation of ANSI/ASTM D1523-2000)

Single copy price: \$29.00

BSR/ASTM D3150-2000 (R200x), Specification for Crosslinked and Noncrosslinked Poly(Vinyl Chloride) Heat-Shrinkable Tubing for Electrical Insulation (reaffirmation of ANSI/ASTM D3150-2000)

Single copy price: \$29.00

BSR/ASTM E18-2002 (R200x), Guide for Training of Persons who Have Access to Health Information (reaffirmation of ANSI/ASTM E18-2002)

Single copy price: \$29.00

BSR/ASTM E1987-1998 (R200x), Guide for Individual Rights Regarding Health Information (reaffirmation of ANSI/ASTM E1987-1998)

Single copy price: \$29.00

### **Withdrawals**

ANSI/ASTM E2010-2001, Test Method for Positive Pressure Fire Tests of Window Assemblies (withdrawal of ANSI/ASTM E2010-2001)

Single copy price: \$34.00

ANSI/ASTM E2074-2001, Test Method for Fire Tests of Door Assemblies, Including Positive Pressure Testing of Side-Hinged and Pivoted Swinging Door Assemblies (withdrawal of ANSI/ASTM E2074-2001)

Single copy price: \$40.00

## **ATIS (Alliance for Telecommunications Industry Solutions)**

### **Reaffirmations**

BSR T1.302-1989 (R200x), Digital Processing of Voice-Band Signals - Line Format for 32 kbit/s Adaptive Differential Pulse-Code Modulation (ADPCM) (reaffirmation of ANSI T1.302-1989 (R2001))

The purpose of this American National Standard is to standardize three line formats so that vendors can provide compatible equipment for the U.S. marketplace and so that both exchange and interchange carriers may operate compatibly. These line formats utilize Bundle, Transition, and Robbed-Bit signaling.

Single copy price: \$123.00

Obtain an electronic copy from: [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Order from: Gina Marsocci, ATIS; [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Send comments (with copy to BSR) to: Same

BSR T1.302a-1992 (R200x), Digital Processing of Voice-Band Signals - Line Format for 32 kbit/s Adaptive Differential Pulse-Code Modulation (ADPCM) (Channel-Control Templates and Robbed-Bit Signaling Alarm Transmission) (reaffirmation of ANSI T1.302a-1992 (R2002))

Supplement addresses two oversights of T1.302-1989 to describe the line format for transcoders using the bundle format but does not specify a line format for channels that are programmed to bypass the ADPCM algorithm and that are transmitted as digital or PCM data.

Single copy price: \$53.00

Obtain an electronic copy from: [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Order from: Gina Marsocci, ATIS; [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Send comments (with copy to BSR) to: Same

BSR T1.312-1991 (R200x), Voice Packetization - Packetized Voice Protocol (reaffirmation of ANSI T1.312-1991 (R2002))

This standard defines a Packet Voice Protocol (PVP) for speech packetization in permanent virtual circuit applications. The packetized voice protocol can be used, for example, at bit rates above 64 kbit/s and less than 150 Mbit/s and in fractional DS1 applications.

Single copy price: \$185.00

Obtain an electronic copy from: [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Order from: Gina Marsocci, ATIS; [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Send comments (with copy to BSR) to: Same

BSR T1.503-2002 (R200x), Network Performance Parameters for Dedicated Digital Services - Definitions and Measurements (reaffirmation of ANSI T1.503-2002)

This standard applies to Layer 1, dedicated digital services, which are characterized by established transmission paths. This standard provides a list of the performance parameters and measurement methods needed by users, vendors, and providers of dedicated digital communications services, to characterize the user-observable performance of these services.

Single copy price: \$111.00

Obtain an electronic copy from: [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Order from: Gina Marsocci, ATIS; [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Send comments (with copy to BSR) to: Same

BSR T1.504-1998 (R200x), Performance Parameters for Packet Switched Data Communication Service (reaffirmation of ANSI T1.504-1998 (R2002))

The purpose of this standard is to define a set of parameters that may be used in specifying and measuring the performance of packet switched data communication services provided in accordance with ITU-T Recommendations X.25 and X.75.

Single copy price: \$272.00

Obtain an electronic copy from: [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Order from: Gina Marsocci, ATIS; [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Send comments (with copy to BSR) to: Same

BSR T1.506-1997 (R200x), Network Performance - Switched Exchange Access Network Transmission Specifications (reaffirmation of ANSI T1.506-1997 (R2001))

This standard provides specifications for the two-way digital or digital equivalent transmission path between an exchange carrier's end office and an interexchange carrier's point of termination. This standard defines performance-related transmission parameters and specifies limits.

Single copy price: \$185.00

Obtain an electronic copy from: [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Order from: Gina Marsocci, ATIS; [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Send comments (with copy to BSR) to: Same

BSR T1.507-2002 (R200x), Network Performance Parameters for Circuit Switched Digital Services - Definitions and Measurements (reaffirmation of ANSI T1.507-2002)

This standard applies to circuit-switched digital services, and provides and defines the performance parameters and measurements needed by users, vendors, and providers of circuit-switched digital services, to characterize the user-observable performance of these services.

Single copy price: \$111.00

Obtain an electronic copy from: [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Order from: Gina Marsocci, ATIS; [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Send comments (with copy to BSR) to: Same

BSR T1.514-2001 (R200x), Network Performance Parameters and Objectives for Dedicated Digital Services - SONET Bit Rates (reaffirmation of ANSI T1.514-2001)

This standard defines the parameters and establishes objectives for assessing the performance of dedicated digital services operating at the nominal 51.84 Mbit/s, 155.52 Mbit/s, 622.08 Mbit/s, 2.488 Gbit/s, and 9.865 Gbit/s interface rates of the SONET (Synchronous Optical Network) digital hierarchy.

Single copy price: \$145.00

Obtain an electronic copy from: [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Order from: Gina Marsocci, ATIS; [gmarsocci@atis.org](mailto:gmarsocci@atis.org)

Send comments (with copy to BSR) to: Same

## **AWS (American Welding Society)**

### ***New Standards***

BSR/AWS A10.1M-200x, Specification for Calibration and Performance Testing of Secondary Current Sensing Coils and Weld Current Monitors used in Single Phase AC Resistance Welding (new standard)

This Specification sets forth accepted methods for testing and describing the performance of Rogowski-type air core current sensing coils (CSC) and weld current monitors (WCM) used in the measurement of single phase ac resistance welding currents. A definition of terms relevant to this measurement is included. CSC and system tests and calibration methods are described in detail. Detailed information that shall be made available to the user is prescribed.

Single copy price: \$35.50

Obtain an electronic copy from: [roneill@aws.org](mailto:roneill@aws.org)

Order from: Rosalinda O'Neill, AWS; [roneill@aws.org](mailto:roneill@aws.org); [adavis@aws.org](mailto:adavis@aws.org)

Send comments (with copy to BSR) to: Andrew Davis, AWS; [adavis@aws.org](mailto:adavis@aws.org); [roneill@aws.org](mailto:roneill@aws.org)

### ***Revisions***

BSR/AWS A5.30/A5.30M:200X, Specification for Consumable Inserts (revision of ANSI/AWS A5.30-97)

Five classes (cross-sectional design) of consumable inserts of various chemical compositions are described. Each class is subdivided into two or three styles (based on the shape of the insert). Topics include the chemical composition, general dimensional requirements, packaging, and application guidelines.

Single copy price: \$25.00

Obtain an electronic copy from: [roneill@aws.org](mailto:roneill@aws.org)

Order from: Rosalinda O'Neill, AWS; [roneill@aws.org](mailto:roneill@aws.org); [adavis@aws.org](mailto:adavis@aws.org)

Send comments (with copy to BSR) to: Andrew Davis, AWS; [adavis@aws.org](mailto:adavis@aws.org); [roneill@aws.org](mailto:roneill@aws.org)

BSR/AWS D8.8M-200x, Specification for Automotive Weld Quality - Arc Welding of Steel (revision of ANSI/AWS D8.8-97)

This specification provides the minimum quality requirements for arc welding of various types of automotive and light truck components. This specification covers the arc and hybrid arc welding of coated and uncoated steels.

Single copy price: \$27.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, AWS; roneill@aws.org; adavis@aws.org

Send comments (with copy to BSR) to: Andrew Davis, AWS; adavis@aws.org; roneill@aws.org

## BHMA (Builders Hardware Manufacturers Association)

### Revisions

BSR/BHMA A156.18-200x, Materials and Finishes (revision of ANSI/BHMA A156.18-2000)

This Standard establishes finish test methods and code numbers for finishes on various base materials. It includes criteria for viewing comparative finishes to the BHMA match plates and establishes five categories of finishes.

Single copy price: \$24.00

Obtain an electronic copy from: mptierney@kellenccompany.com

Order from: Michael Tierney, BHMA; mtierney@kellenccompany.com

Send comments (with copy to BSR) to: Same

## ITI (INCITS) (InterNational Committee for Information Technology Standards)

### New Standards

**Draft INCITS 424-200x**, Information technology - Fibre Channel Framing and Signaling - 2 (FC-FS-2) (new standard)

This standard describes the framing and signaling interface of a high-performance serial link for support of FC-4s associated with upper level protocols (e.g., SCSI, IP, SBCCS, VI). This standard is based on FC-FS with subsequent modifications approved by the T11 committee. Extended Link Services (ELs) are not specified in this standard. FC-LS should be consulted for the functional description of all ELs referenced in this specification.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>, or click on designation above

Order from: Global Engineering Documents; <http://www.global.ihs.com>

Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); bbennett@itic.org

### Reaffirmations

INCITS/ISO/IEC 13211-2-2000 (R200x), Information technology - Programming languages - Prolog - Part 2: Modules (reaffirmation of INCITS/ISO/IEC 13211-2-2000)

This part of ISO/IEC 13211 is designed to promote the applicability and portability of Prolog modules that contain Prolog text complying with the requirements of the Programming Language Prolog as specified in this part of ISO/IEC 13211. This part of ISO/IEC 13211 specifies:

- (a) The representation of Prolog text that constitutes a Prolog module;
- (b) The constraints that shall be satisfied to prepare Prolog modules for execution; and
- (c) The requirements, restrictions and limits imposed on a conforming Prolog processor that processes modules.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.webstore.ansi.org/ansidocstore/find.asp>

Order from: Global Engineering Documents; <http://www.global.ihs.com>

Send comments (with copy to BSR) to: Parthenia Purnell, ITI (INCITS); ppurnell@itic.org

## TIA (Telecommunications Industry Association)

### New Standards

BSR/TIA 604-5-D-200x, FOCIS 5, Fiber Optic connector Intermateability Standard, Type MPO (new standard)

FOCIS 5 presents the intermateability standard for connectors with the commercial designation of MPO, and is used as an addendum to TIA/EIA-604, Fiber Optic Connector Intermateability Standards. The provisions of TIA/EIA 604 apply to this document.

Single copy price: \$64.00

Obtain an electronic copy from: global@ihs.com

Order from: Global Engineering Documents; <http://www.global.ihs.com>

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; mkramarikova@tiaonline.org

### Revisions

BSR/TIA 571-B-200x, Telecommunications - Telephone Terminal Equipment - Electrical, Terminal, Mechanical, Environmental Performance Requirements (revision of ANSI/TIA 571-A-1999)

This document establishes environmental performance criteria for Customer Premises Equipment (CPE), such as telephones, modems, multi-line systems, routers, set top boxes, alarm systems, etc. It defines the physical and electrical conditions under which the equipment shall continue to demonstrate basic functionality.

Single copy price: \$76.00

Obtain an electronic copy from: global@ihs.com

Order from: Global Engineering Documents; <http://www.global.ihs.com>

Send comments (with copy to BSR) to: Ronda Coulter, TIA; rcoulter@tiaonline.org

## UL (Underwriters Laboratories, Inc.)

### Revisions

BSR/UL 746E-200x, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used in Printed Wiring Boards (Proposals dated September 8, 2006). (These proposals supersede the proposals for UL 746E dated August 25, 2006.) (revision of ANSI/UL 746E-2006)

Changes are being proposed to requirements in UL 746E that cover industrial laminates, metal clad laminates, metal base laminates, permanent coatings, and conformal coatings.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: <http://www.comm-2000.com>

Order from: comm2000

Send comments (with copy to BSR) to: Derrick Martin, UL-CA; Derrick.L.Martin@us.ul.com

BSR/UL 1569-200x, Metal-Clad Cables (revision of ANSI/UL 1569-2005)

Provides the following:

- (1) Revised circuit conductor identification requirements;
- (2) Clarification of Tables 6.3 and 6.4;
- (3) Revised Limited Smoke Designation; and
- (4) Updated NEC References.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: <http://www.comm-2000.com>

Order from: comm2000

Send comments (with copy to BSR) to: Camille Alma, UL; Camille.A.Alma@us.ul.com

## Comment Deadline: November 7, 2006

Reaffirmations and withdrawals available electronically may be accessed at: [webstore.ansi.org](http://webstore.ansi.org)

### ASME (American Society of Mechanical Engineers)

#### Reaffirmations

BSR/ASME MFC-5M-1985 (R200x), Measurement of Liquid Flow in Closed Conduits using Transit-Time Ultrasonic Flowmeters (reaffirmation of ANSI/ASME MFC-5M-1985 (R2001))

This Standard applies only to ultrasonic flowmeters that base their operation on the measurement of transit times of acoustic signals. Further, this Standard concerns only the application of such meters when used to measure the volumetric flow rate of a liquid exhibiting homogeneous acoustic properties and flowing in a completely filled closed conduit.

Single copy price: \$29.00

Obtain an electronic copy from: <http://cstools.asme.org/publicreview>

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to BSR) to: Angel Guzman, ASME; [guzman@asme.org](mailto:guzman@asme.org)

### UL (Underwriters Laboratories, Inc.)

#### New Standards

BSR/UL 2431-200x, Durability of Spray-Applied Fire Resistive Materials (Proposal dated 9-8-06) (new standard)

Provides a means to measure the ability of fire-resistive materials to retain their fire-resistive properties after being subjected to various conditioning environments. The fire-resistive performance is determined by measuring temperatures of steel tubes protected by the materials.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: <http://www.comm-2000.com>

Order from: comm2000

Send comments (with copy to BSR) to: Megan VanHeirseese, UL-IL; [Megan.M.VanHeirseese@us.ul.com](mailto:Megan.M.VanHeirseese@us.ul.com)

## Correction

### Errors in Designation and Title

Under "Supplements" in the Call for Comment section of Standards Action, August 18, 2006, there was a typographical error in the designation and title of an AAMI project. The project should have been listed as: BSR/AAMI/ISO 15223-1/A1-200x, Medical devices - Symbols to be used with medical device labels, labeling and information to be supplied - Part 1: General requirements - Amendment 1 (supplement to BSR/AAMI/ISO 15223-1-200x).

Inquiries may be directed to: Hillary Woehrle, AAMI; [hwoehrle@aami.org](mailto:hwoehrle@aami.org).

# Call for Comment Contact Information

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The addresses listed in this section are to be used in conjunction with standards listed in Call for Comment. This section is a list of developers who have submitted standards for public review in this issue of *Standards Action* – it is not intended to be a list of all ANSI developers. Please send all address corrections to: Standards Action Editor, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or [standact@ansi.org](mailto:standact@ansi.org).

## Order from:

<b>AISI</b> American Iron and Steel Institute 1140 Connecticut Avenue, NW Suite 705 Washington, DC 20036 Phone: (312) 610-691-6334 Web: <a href="http://www.steel.org">www.steel.org</a>	<b>ASABE</b> American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 429-0300 Web: <a href="http://www.asabe.org">www.asabe.org</a>	<b>ATIS</b> Alliance for Telecommunications Industry Solutions 1200 G Street NW, Suite 500 Washington, DC 20005 Phone: (202) 434-8841 Fax: (202) 347-7125 Web: <a href="http://www.atis.org">www.atis.org</a>	<b>BHMA</b> Builders Hardware Manufacturers Association 355 Lexington Ave., 17th Floor New York, NY 10017-6603 Phone: (212) 297-2122 Fax: (212) 370-9047 Web: <a href="http://www.buildershardware.com/">www.buildershardware.com/</a>
<b>ANSI</b> American National Standards Institute 25 West 43rd Street 4th Floor New York, NY 10036 Phone: (212) 642-4980 Web: <a href="http://www.ansi.org">www.ansi.org</a>	<b>ASME</b> American Society of Mechanical Engineers 3 Park Avenue, 20th Floor (20N2) New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: <a href="http://www.asme.org">www.asme.org</a>	<b>AWS</b> American Welding Society 550 N.W. LeJeune Road Miami, FL 33126 Phone: (800) 443-9353 x451 Fax: (800) 443-5951 Web: <a href="http://www.aws.org">www.aws.org</a>	<b>comm2000</b> 1414 Brook Drive Downers Grove, IL 60515 Web: <a href="http://www.comm-2000.com">www.comm-2000.com</a>  <b>Global Engineering Documents</b> Global Engineering Documents 15 Inverness Way East Englewood, CO 80112-5704 Phone: (800) 854-7179 Fax: (303) 379-2740

## Send comments to:

### **AISI**

American Iron and Steel Institute  
1140 Connecticut Avenue, NW  
Suite 705  
Washington, DC 20036  
Phone: (312) 610-691-6334  
Web: [www.steel.org](http://www.steel.org)

### **ASABE**

American Society of Agricultural  
and Biological Engineers  
2950 Niles Road  
St Joseph, MI 49085  
Phone: (269) 429-0300  
Web: [www.asabe.org](http://www.asabe.org)

### **ASME**

American Society of Mechanical  
Engineers  
3 Park Avenue, 20th Floor 20S2  
New York, NY 10016  
Phone: (212) 591-8018  
Fax: (212) 591-8501  
Web: [www.asme.org](http://www.asme.org)

### **ATIS**

Alliance for Telecommunications  
Industry Solutions  
1200 G Street NW, Suite 500  
Washington, DC 20005  
Phone: (202) 434-8841  
Fax: (202) 347-7125  
Web: [www.atis.org](http://www.atis.org)

### **AWS**

American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126  
Phone: (305) 443 9353 Ext. 466  
(800) 443 9353 Ext. 466  
Fax: (305) 443-5951  
Web: [www.aws.org](http://www.aws.org)

### **BHMA**

Builders Hardware Manufacturers  
Association  
355 Lexington Ave., 17th Floor  
New York, NY 10017-6603  
Phone: (212) 297-2122  
Fax: (212) 370-9047  
Web: [www.buildershardware.com/](http://www.buildershardware.com/)

### **ITI (INCITS)**

INCITS Secretariat/ITI  
1250 Eye Street, NW  
Suite 200  
Washington, DC 20005-3922  
Phone: (202) 626-5741  
Fax: (202) 638-4922  
Web: [www.incits.org](http://www.incits.org)

### **NAAMM**

National Association of  
Architectural Metal  
Manufacturers  
7611 Nancy Drive  
Norfolk, VA 23518-4635  
Phone: (312) 757-583-3367  
Fax: 757-583-3314  
Web: [www.Naamm@gss.net](mailto:www.Naamm@gss.net)

### **TIA**

TIA  
2500 Wilson Blvd  
Arlington, VA 22201  
Phone: 703 907-7974  
Fax: 703 907-7728  
Web: [www.tiaonline.org](http://www.tiaonline.org)

### **UL**

Underwriters Laboratories Inc.  
333 Pflingsten Road  
Northbrook, IL 60062  
Phone: 847-664-2881  
Fax: 847-313-2881  
Web: [www.ul.com/](http://www.ul.com/)

### **UL-CA**

Underwriters Laboratories, Inc.  
455 E Trimble Road  
San Jose, CA 95131-1230  
Phone: (408) 754-6500  
Fax: (408) 689-6500



# Final actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

## ASQ (ASC Z1) (American Society for Quality)

### *New National Adoptions*

- ★ ANSI/ISO/ASQ Q10014-2006, Quality management systems - Guidelines for realizing financial and economic benefits (identical national adoption): 8/31/2006

## ATIS (Alliance for Telecommunications Industry Solutions)

### *Reaffirmations*

- ★ ANSI T1.211-2001 (R2006), Information Interchange - Structure and Coded Representation of National Security and Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) Codes for the North American Telecommunications System (reaffirmation of ANSI T1.211-1989 (R2001)): 8/31/2006

## AWWA (American Water Works Association)

### *Revisions*

ANSI/AWWA B402-2006, Ferrous Sulfate (revision of ANSI/AWWA B402-2000): 8/31/2006

## IESNA (Illuminating Engineering Society of North America)

### *Revisions*

ANSI/IESNA RP-3 -2006, Lighting for Educational Facilities (revision of ANSI/IESNA RP-3-2000): 9/5/2006

## ITI (INCITS) (InterNational Committee for Information Technology Standards)

### *Reaffirmations*

INCITS/ISO/IEC 12087-3-1995 (R2006), Information technology - IPI: Part 3 - Image Interchange Facility (reaffirmation of INCITS/ISO/IEC 12087-3-1995 (R2001)): 9/5/2006

## NEMA (ASC C78) (National Electrical Manufacturers Association)

### *Reaffirmations*

ANSI C78.1500-2001 (R2006), Electric Lamps - Tungsten-Halogen Lamps with P28 Bases and 89 mm LCL (reaffirmation of ANSI C78.1500-2001): 9/5/2006

ANSI C78.1501-2001 (R2006), Electric Lamps - Tungsten-Halogen Lamps with G22 Bases and 63.5 mm LCL (reaffirmation of ANSI C78.1501-2001): 9/5/2006

ANSI C78.1503-2001 (R2006), Electric Lamps - Tungsten-Halogen Lamps with G9.5 Bases and 60.5 mm LCL (reaffirmation of ANSI C78.1503-2001): 9/5/2006

ANSI C78.1504-2001 (R2006), Electric Lamps - Tungsten-Halogen Lamps with P28 Bases and 55.5 mm LCL (reaffirmation of ANSI C78.1504-2001): 9/5/2006

ANSI C78.1505-2001 (R2006), Electric Lamps - Tungsten-Halogen Lamps with G38 Bases and 127 mm LCL (reaffirmation of ANSI C78.1505-2001): 9/5/2006

## SCTE (Society of Cable Telecommunications Engineers)

### *New Standards*

ANSI/SCTE 24-21-2006, BV16 Speech Codec Specification for Voice over IP Applications in Cable Telephony (new standard): 9/5/2006

ANSI/SCTE 118-1-2006, Program-Specific Ad Insertion - Data Field Definitions, Functional Overview and Application Guidelines (new standard): 9/5/2006

### *Reaffirmations*

ANSI/SCTE 12-2001 (R2006), Test Method for Center Conductor Bond to Dielectric for Trunk, Feeder and Distribution Coaxial Cables (reaffirmation of ANSI/SCTE 12-2001): 9/5/2006

# Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit [www.NSSN.org](http://www.NSSN.org), which is a database of standards information. Note that this database is not exhaustive.

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

## AAMI (Association for the Advancement of Medical Instrumentation)

**Office:** 1110 N Glebe Road  
Suite 220  
Arlington, VA 22201

**Contact:** *Sonia Balboni*

**Fax:** (703) 276-0793

**E-mail:** [sbalboni@aami.org](mailto:sbalboni@aami.org)

BSR/AAMI/ISO 10993-9, ed. 3-200x, Biological evaluation of medical devices - Part 9: Framework for identification and quantification of potential degradation products (identical national adoption and revision of ANSI/AAMI/ISO 10993-9-1999 (R2005))

Stakeholders: Regulatory authorities, manufacturers of medical devices, clinicians

Project Need: To improve the language, update the references, and include a logic diagram showing the proper application of the current version of the standard.

Provides general principles for the systematic evaluation of the potential and observed biodegradation of medical devices and for the design and performance of biodegradation studies. Information obtained from these studies is to be used in the biological evaluations described in the remaining parts of ISO 10993. Where product standards provide applicable product-specific methodologies for the identification and quantification of degradation products, those standards shall be considered as alternatives.

BSR/AAMI/ISO 10993-13, ed. 2-200x, Biological evaluation of medical devices - Part 13: Identification and quantification of degradation products from polymeric medical devices (identical national adoption and revision of ANSI/AAMI/ISO 10993-13-1999 (R2004))

Stakeholders: Regulatory authorities, manufacturers of medical devices, clinicians.

Project Need: To include an annex dealing with the stress-corrosion of polyurethanes.

Provides guidance on general requirements for the design of tests for identifying and quantifying degradation products from finished polymeric medical devices ready for clinical use.

## AISI (American Iron and Steel Institute)

**Office:** 1140 Connecticut Avenue, NW  
Suite 705  
Washington, DC 20036

**Contact:** *Jay Larson*

**E-mail:** [jlanson@steel.org](mailto:jlanson@steel.org)

BSR/AISI COFS/PM-200x, Standard for Cold-Formed Steel Framing - Prescriptive Method for One and Two Family Dwellings, 2007 Edition (revision of ANSI/AISI COFS/PM-2001)

Stakeholders: Cold-formed steel framing industry.

Project Need: With new research findings, the current standard will be updated and improved.

Covers construction of cold-formed steel-framed detached one- and two-family dwellings, townhouses, and other attached single-family dwellings not more than three stories in height using repetitive in-line framing practices.

BSR/AISI/COFS FRSD-200x, North American Standard for Cold-Formed Steel Framing - Floor and Roof System Design (new standard)

Stakeholders: Cold-formed steel framing industry.

Project Need: To provide state-of-the-art technical information and specifications on cold-formed steel framing for floor and roof systems.

Describes the design and installation of cold-formed steel framing for floor and roof systems in buildings.

## API (American Petroleum Institute)

**Office:** 1220 L Street, NW  
Washington, DC 20005-4070

**Contact:** *Roland Goodman*

**Fax:** (202) 962-4797

**E-mail:** [goodmanr@api.org](mailto:goodmanr@api.org)

BSR/API RP 941-200x, Steels for Hydrogen Service at Elevated Temperatures and Pressures in Petroleum Refineries and Petrochemical Plants (new standard)

Stakeholders: Petroleum refining, petrochemical, and chemical process industries.

Project Need: Provide guidance on practical operating limits for carbon and low-alloy steels in hydrogen service at elevated temperatures and pressures.

Summarizes the results of experimental tests and actual data acquired from operating plants to establish practical operating limits for carbon and low alloy steels in hydrogen service at elevated temperatures and pressures. applies to equipment in refineries, petrochemical facilities, and chemical facilities in which hydrogen or hydrogen-containing fluids are processed at elevated temperature and pressure.

**ASTM (ASTM International)**

**Office:** 100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

**Contact:** Helene Skloff

**E-mail:** hskloff@astm.org; cleonard@astm.org

BSR/ASTM Z3359Z/WK12522-200x, New Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Metric) (SDR-PR) (new standard)

Stakeholders: Plastic Piping Systems Industry.

Project Need: This standard will be used by manufacturers for determining a pressure rating and for quality control. It will be used by building code agencies for specifying ABS pipe approved for pressure use.

This specification covers acrylonitrile-butadienestyrene (ABS) pipe produced by single extrusion in standard thermoplastic pipe dimension ratios and pressure rated for water.

**ATIS (Alliance for Telecommunications Industry Solutions)**

**Office:** 1200 G Street NW, Suite 500  
Washington, DC 20005

**Contact:** Susan Carioti

**Fax:** (202) 347-7125

**E-mail:** scarioti@atis.org; acolon@atis.org

BSR ATIS 0700004.a-200x, Enhancements to HC-SDMA Standard (supplement to ANSI ATIS 0700004-2005)

Stakeholders: Service Providers.

Project Need: To develop an Amendment to the HC-SDMA standard to provide higher user throughput for the lower uplink modulation and coding classes such as compressed VoIP.

The Wireless Wideband InterNet Access (WWINA) Subcommittee develops, maintains, amends and enhances ATIS standards related to the radio and network aspects of WWINA systems. The HC-SDMA standard was approved by ANSI on Sept. 14, 2005 (ANSI ATIS 0700004-2005). There still are enhancements. For instance, to enhance the existing HC-SDMA standard in order to provide higher user throughput for the lower uplink modulation and coding classes.

**CLSI (Clinical and Laboratory Standards Institute (formerly NCCLS))**

**Office:** 940 West Valley Road, Suite 1400  
Wayne, PA 19087

**Contact:** Tracy Dooley

**Fax:** (610) 688-0700

**E-mail:** tdooley@clsi.org

BSR/CLSI M11-A7-200x, Methods for Antimicrobial Susceptibility Testing of Anaerobic Bacteria; Approved Standard - Seventh Edition (revision and redesignation of ANSI/NCCLS M11-A6-2004)

Stakeholders: Medical laboratories.

Project Need: Provides reference method for MICs of anaerobic bacteria by agar dilution and broth microdilution as well as QC and interpretive criteria.

This standard provides reference methods for the determination of minimal inhibitory concentrations (MICs) of anaerobic bacteria by agar dilution and broth microdilution.

**NEMA (ASC C8) (National Electrical Manufacturers Association)**

**Office:** 1300 North 17th Street, Suite 1847  
Rosslyn, VA 22209

**Contact:** Andrei Moldoveanu

**Fax:** (703) 841-3398

**E-mail:** and\_moldoveanu@nema.org

BSR/ICEA P-45-482-200x, Short Circuit Performance of Metallic Shields and Sheaths on Insulated Cables (new standard)

Stakeholders: Utilities, consulting firms, anyone designing systems for medium- or high-voltage cables.

Project Need: To provide guidelines for designers of medium- or high-voltage cable systems to calculate maximum short circuit currents and durations.

Establishes formulas and parameters for calculating maximum short-circuit current permitted for a specific sheath/shield and short-circuit duration for various materials.

BSR/NEMA ICEA S-93-639/WC 74-200x, 5 - 46kV Shielded Power Cable for Use in the Transmission and Distribution of Electric Energy (revision of ANSI/NEMA WC 74/ICEA S-93-639-2000)

Stakeholders: Commercial and Industrial medium-voltage power cable users.

Project Need: To allow for major changes to the standard, such as: Addition of 173% insulation level insulation thicknesses and voltage test requirements; Re-alignment of the test section; and Division of production and qualification tests into separate sections.

This standard applies to materials, constructions, and testing of 5 kV to 46 kV shielded XLPE- and EPR-insulated wires and cables that are used for the transmission and distribution of electrical energy for normal conditions of installation and service, either indoors, outdoors, aerial, underground, or submarine.

**NFPA2 (National Fluid Power Association)**

**Office:** 3333 North Mayfair Road  
Suite 211  
Milwaukee, WI 53222-3219

**Contact:** Carrie Tatman Schwartz

**Fax:** (414) 778-3361

**E-mail:** ctschwartz@nfpa.com

BSR/(NFPA) T3.6.4 R1-200x, Bore and Rod Size Combinations and Rod End Configurations for Cataloged Square Head Industrial Fluid Power Cylinders (withdrawal of ANSI B93.8-1968 (R2001))

Stakeholders: Manufacturers and users of hydraulic cylinders (OEMs, systems integrators, etc.).

Project Need: The information that was to be contained in ANSI/(NFPA)T3.6.4 R1-200x is being incorporated into ANSI/(NFPA)T3.6.7 R2-1996 (R2004), which is being revised. Once ANSI/(NFPA)T3.6.7 R3-200x is published, then ANSI/(NFPA)T3.6.4 R1-200x will be withdrawn.

The information contained in this document portrays the commonly cataloged dimensions for piston rod end configurations and cylinder bore and piston rod combinations used with square head industrial fluid power (pneumatic and hydraulic) cylinders as provided by the majority of manufacturers in the United States.

**TIA (Telecommunications Industry Association)**

**Office:** 2500 Wilson Blvd., Suite 300  
Arlington, VA 22201

**Contact:** Marianna Kramarikova

**Fax:** 703-907-7728

**E-mail:** mkramarikova@tiaonline.org

BSR/TIA 1005-200x, Telecommunications - Infrastructure Standard for Industrial Premises (new standard)

Stakeholders: Telecommunications Industry Association.

Project Need: Standard specifies minimum requirements for telecommunications infrastructure, including pathways and spaces within and between industrial buildings and structure.

Specifies minimum requirements for telecommunications infrastructure, including pathways and spaces within and between industrial buildings and structure.

## American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

- AAMVA
- AGRSS, Inc
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- MHI (ASC MH10)
- NCPDP
- NBBPVI
- NSF International
- TIA
- Underwriters Laboratories, Inc.

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at [www.ansi.org](http://www.ansi.org), select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at <http://public.ansi.org/ansionline/Documents/Standards%20Activities/American%20National%20Standards/Procedures,%20Guides,%20and%20Forms/>.

Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at [psa@ansi.org](mailto:psa@ansi.org) or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.



# ISO Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) is considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

## Comments

Comments regarding ISO documents should be sent to Henrietta Scully, at ANSI's New York offices. The final date for offering comments is listed after each draft.

## Ordering Instructions

ISO Drafts can be made available via ANSI's ESS "on-demand" service. Please e-mail your request for an Iso Draft to Customer Service at [sales@ansi.org](mailto:sales@ansi.org). The document will be posted to the ESS within 3 working days of the request. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

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## **IMPLANTS FOR SURGERY (TC 150)**

ISO/DIS 7206-1, Implants for surgery - Partial and total hip joint prostheses - Part 1: Classification and designation of dimensions - 12/8/2006, \$67.00

## **PAINTS AND VARNISHES (TC 35)**

ISO/DIS 3251, Paints, varnishes and plastics - Determination of non-volatile-matter content - 12/14/2006, \$46.00

## **TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)**

ISO/DIS 10998, Agricultural tractors - Requirements for steering - 12/7/2006, \$77.00

## **TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)**

ISO/DIS 8362-2, Injection containers and accessories - Part 2: Closures for injection vials - 12/7/2006, \$46.00

## **WATER QUALITY (TC 147)**

ISO/DIS 22719, Water quality - Determination of total alkalinity in sea water using high precision method - 12/9/2006, \$71.00



# Newly Published IEC Standards

Listed here are new and revised standards recently approved and promulgated by IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at [www.ansi.org](http://www.ansi.org). All paper copies are available from Global Engineering Documents.

## **ELECTRICAL ACCESSORIES (TC 23)**

[IEC 60669-2-2 Ed. 3.0 b:2006](#), Switches for household and similar fixed electrical installations - Part 2-2: Particular requirements - Electromagnetic remote-control switches (RCS), \$60.00

[IEC 60669-2-3 Ed. 3.0 b:2006](#), Switches for household and similar fixed electrical installations - Part 2-3: Particular requirements - Time-delay switches (TDS), \$60.00

## **ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)**

[IEC 60079-26 Ed. 2.0 b:2006](#), Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga, \$82.00

[IEC 60079-28 Ed. 1.0 b:2006](#), Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation, \$120.00

## **ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)**

[IEC 60364-4-44 Amd.2 Ed. 1.0 b:2006](#), Amendment 2 - Electrical installations of buildings - Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances, \$110.00

## **ELECTROACOUSTICS (TC 29)**

[IEC 60318-5 Ed. 1.0 b:2006](#), Electroacoustics - Simulators of human head and ear - Part 5: 2 cm<sup>3</sup> coupler for the measurement of hearing aids and earphones coupled to the ear by means of ear inserts, \$54.00

## **FIBRE OPTICS (TC 86)**

[IEC 60794-4-10 Ed. 1.0 b:2006](#), Optical fibre cables - Part 4-10: Aerial optical cables along electrical power lines - Family specification for OPGW (Optical Ground Wires), \$54.00

[IEC 60794-5 Ed. 1.0 b:2006](#), Optical fibre cables - Part 5: Sectional specification - Microduct cabling for installation by blowing, \$45.00

[IEC 61290-1-1 Ed. 2.0 b:2006](#), Optical amplifiers - Test methods - Part 1-1: Power and gain parameters - Optical spectrum analyzer method, \$54.00

[IEC 61291-1 Ed. 2.0 b:2006](#), Optical amplifiers - Part 1: Generic specification, \$110.00

[IEC 61300-3-32 Ed. 1.0 b:2006](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-32: Examinations and measurements - Polarization mode dispersion measurement for passive optical components, \$157.00

[IEC 61314-1-1 Ed. 2.0 b:2006](#), Fibre optic fan-outs - Part 1-1: Blank detail specification, \$54.00

## **FLAT PANEL DISPLAY DEVICES (TC 110)**

[IEC 61747-3 Ed. 2.0 b:2006](#), Liquid crystal display devices - Part 3: Liquid crystal display (LCD) cells - Sectional specification, \$54.00

## **INDUSTRIAL ELECTROHEATING EQUIPMENT (TC 27)**

[IEC 60519-4 Ed. 3.0 b:2006](#), Safety in electroheat installations - Part 4: Particular requirements for arc furnace installations, \$76.00

[IEC 62395-1 Ed. 1.0 b:2006](#), Electrical resistance trace heating systems for industrial and commercial applications - Part 1: General and testing requirements, \$110.00

## **INSULATING MATERIALS (TC 15)**

[IEC 61212-3-3 Ed. 2.0 en:2006](#), Insulating materials - Industrial rigid round laminated tubes and rods based on thermosetting resins for electrical purposes - Part 3: Specifications for individual materials - Sheet 3: Round laminated moulded rods, \$37.00

## **LAMPS AND RELATED EQUIPMENT (TC 34)**

[IEC 61347-2-7 Ed. 2.0 b:2006](#), Lamp controlgear - Part 2-7: Particular requirements for d.c. supplied electronic ballasts for emergency lighting, \$82.00

[IEC 62384 Ed. 1.0 b:2006](#), DC or AC supplied electronic control gear for LED modules - Performance requirements, \$54.00

## **LASER EQUIPMENT (TC 76)**

[IEC 60825-4 Ed. 2.0 b:2006](#), Safety of laser products - Part 4: Laser guards, \$184.00

## **MAGNETIC COMPONENTS AND FERRITE MATERIALS (TC 51)**

[IEC 62317-8 Ed. 1.0 en:2006](#), Ferrite cores - Dimensions - Part 8: E-cores, \$60.00

## **NUCLEAR INSTRUMENTATION (TC 45)**

[IEC 60861 Ed. 2.0 b:2006](#), Equipment for monitoring of radionuclides in liquid effluents and surface waters, \$139.00

## **OTHER**

[IECEX BUL Ed. 3.1 en:2006](#), IECEX Bulletin - Edition 3.1 - August 2006, \$258.00

[IEC GUIDE 108 Ed. 2.0 b:2006](#), Guidelines for ensuring the coherency of IEC publications - Application of horizontal standards, \$25.00

## **SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)**

[IEC 60335-2-2 Ed. 5.2 b:2006](#), Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances, \$101.00

## **SEMICONDUCTOR DEVICES (TC 47)**

[IEC 60748-4-3 Ed. 1.0 en:2006](#), Semiconductor devices - Integrated circuits - Part 4-3: Interface integrated circuits - Dynamic criteria for analogue-digital converters (ADC), \$120.00

[IEC 62047-2 Ed. 1.0 b:2006](#), Semiconductor devices - Micro-electromechanical devices - Part 2: Tensile testing method of thin film materials, \$49.00

[IEC 62047-3 Ed. 1.0 b:2006](#), Semiconductor devices - Micro-electromechanical devices - Part 3: Thin film standard test piece for tensile testing, \$32.00

[IEC 62258-5 Ed. 1.0 en:2006](#), Semiconductor die products - Part 5: Requirements for information concerning electrical simulation, \$49.00

IEC 62258-6 Ed. 1.0 en:2006, Semiconductor die products - Part 6:  
Requirements for information concerning thermal simulation, \$37.00

**SURFACE MOUNTING TECHNOLOGY (TC 91)**

IEC 61189-5 Ed. 1.0 en:2006, Test methods for electrical materials,  
interconnection structures and assemblies - Part 5: Test methods for  
printed board assemblies, \$184.00

**SWITCHGEAR AND CONTROLGEAR (TC 17)**

IEC 62271-109 Ed. 1.0 b:2006, High-voltage switchgear and  
controlgear - Part 109: Alternating-current series capacitor by-pass  
switches, \$225.00

# Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

## PUBLIC REVIEW

Cook

Public Review: July 7 to October 5, 2006

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

# Proposed Foreign Government Regulations

## Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations issued by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to report proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

(NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: <http://www.nist.gov/notifyus/> and click on "Subscribe".

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: [ncsci@nist.gov](mailto:ncsci@nist.gov) or [notifyus@nist.gov](mailto:notifyus@nist.gov).



# Information Concerning

## International Organization for Standardization (ISO)

### Call for International (ISO) Secretariat

#### ISO/TC 8 – Ships and marine technology

ANSI has been advised that Japan (JISC) no longer wishes to serve as Secretariat for this Technical Committee.

The scope of ISO/TC 8 as follows:

Standardization of design, construction, structural elements, outfitting parts, equipment, methods and technology, and marine environmental matters, used in shipbuilding and the operation of ships, comprising sea-going ships, vessels for inland navigation, offshore structures, ship-to-shore interface and all other marine structures subject to IMO requirements.

Excluded:

- electrical and electronic equipment on board ships and marine structures (IEC/TC 18 and IEC/TC 80);
- internal combustion engines (ISO/TC 70);
- offshore structures for petroleum and natural gas industries, including procedures for assessment of the site specific application of mobile offshore drilling and accommodation units for the petroleum and natural gas industry (ISO/TC 67/SC 7);
- steel and aluminum structures (ISO/TC 167);
- equipment and construction details of recreational craft and other small craft (not being lifeboats and lifesaving equipment) less than 24 meters in overall length (ISO/TC 188);
- sea bed mining;
- equipment which is not specific for use on board ships and marine structures (e.g., pipes, steel wire ropes, etc.) and falling within the scope of particular ISO technical committees with which a regular mutual liaison must be maintained.

Anyone wishing the United States to assume the role of International Secretariat for this TC, please contact Henrietta Scully via e-mail: [hscully@ansi.org](mailto:hscully@ansi.org); mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or fax to (212) 730-1346.

### ISO Technical Management Board (TMB)

#### Three ISO/IEC Draft Guides

#### Comment Deadline: November 3, 2006

ISO has submitted for Member Body vote three ISO/IEC Draft Guides developed under the ISO Technical Management Board (TMB) as follows:

#### 1) ISO/IEC DGuide 77-1 Guide for specification of product properties and classes – Part 1: Fundamental benefits

The scope of which is:

This Guide provides general advice and guidance for the description of products and their properties for the creation of compute- processible product libraries, catalogues and data dictionaries. This description will provide the details of the products and their properties in an unambiguous manner capable of computer communication in a form that is independent from any proprietary application software. The term, product, is taken to include devices, processes, systems, installations, etc. The Guide is intended to assist the objective of enabling the flow of technical information between internal and external business partners in a cost effective and timely manner.

The guidance in Part 1 of the Guide is intended to assist the following groups:

- Convenors and members of ISO Technical Committees;
- Managers and technical experts in manufacturing industry.

The intention of Part 1 of this Guide is to provide an overview of the needs and benefits and the process of creating product libraries, catalogues and data dictionaries.

The following items are within the scope of this part of the Guide:

- Product data in the supply chain;
- Business context of product data management;
- International standard activities;
- Benefits of International standards;
- Procedure for creating data dictionaries;
- Resources required;
- Assessment of savings;
- Sources of information and expertise.

The following items are out of the scope of this Part of the Guide:

- Technical guidance for the creation of product libraries and dictionaries;  
NOTE 1: Technical guidance for the creation of product libraries and dictionaries is provided in Part 2 of the Guide.
- Case studies from the experiences of the creation of dictionaries of product information in industrial practice.  
NOTE 2: Case studies from the experiences of the creation of product libraries and dictionaries is provided in Part 3 of this Guide.

#### 2) ISO/IEC DGuide 77-2 Guide for specification of product properties and classes – Part 2: Technical principles and guidance

The scope of which is:

This Guide provides general advice and guidance for the description of products and their characteristics by the use of ISO 13584 and IEC 61360 for the creation of computer-processible reference dictionaries. This description will provide the details of the products and their properties in an unambiguous manner capable of computer communication in a form that is independent from any proprietary application software. The term, product, is taken to include devices, processes, systems, installations, etc. The Guide is intended to assist the objective of enabling the flow of technical information between internal and external business partners in a cost-effective and timely manner.

The guidance in Part 2 of this Guide is intended to assist the following groups:

- Technical experts contributing their knowledge to the development of standard reference dictionaries,
- Information experts responsible for the generation of applications of ISO 13584 and IEC 61360.

The intention of Part 2 of the Guide is to support the achievement of industrial benefits of applications of the ISO/IEC model.

The following are within the scope of Part 2 of the Guide:

- General principles of product description and characterization;
- Presentation of the concepts of product characterization classes, product properties, product ontology and reference dictionaries for products;
- Universal identification of classes and properties;- Presentation of the modeling constructs that may be used for building reference dictionary conforming to the ISO/IEC model;
- Rules and principles for developing standard reference dictionaries;
- Rules and principles for connecting standard reference dictionaries to avoid duplication and overlap;
- Rules and principles for developing user-defined reference dictionaries and for connecting user-defined reference dictionaries to standard reference dictionaries;
- Formats and mechanisms for exchanging reference dictionaries.
- Mechanisms for connecting reference dictionaries to classification systems.

The following are out of the scope of Part 2 of the Guide:

- An overview for ISO Technical Committees and industrial managers for the development of computer-processible product libraries, reference dictionaries and catalogues;

NOTE 1: An overview of the development of computer-processible product libraries, reference dictionaries and catalogues is provided in Part 1 the Guide.

### 3) ISO/IEC DGuide 77-3 Guide for specification of product properties and classes – Part 3: Case studies

The scope of which is:

This Guide provides general advice and guidance for the description of products and their characteristics by the use of ISO 13584 and IEC 61360 for the creation of computer-processible product libraries, catalogues and reference dictionaries. This description will provide the details of the products and their properties in an unambiguous manner capable of computer communication in a form that is independent from any proprietary application software. The term, product, is taken to include devices, processes, systems, installations, etc. The Guide is intended to assist the objective of enabling the flow of technical information between internal and external business partners in a cost effective and timely manner.

The guidance in Part 3 of the Guide is intended to assist the following groups:

- Convenors and members of ISO Technical Committees;
- Managers and technical experts in manufacturing industry.
- Technical experts contributing their knowledge to the development of reference dictionaries, data bases and product libraries;
- Information experts responsible for the generation of applications of ISO 13584.

The intention of Part 3 of the Guide is provide practical information of the experience gained in the successful creation of product reference dictionaries within ISO and IEC. The following are within the scope of this Part:

- Experience of developing a reference dictionary for cutting tools;
- Experience of developing a reference dictionary for electronic components;
- Experience of creating a system for the maintenance of a reference dictionary for measuring instruments;
- Experience of developing a reference dictionary for fasteners.

The following are out of the scope of this Part:

- An overview for ISO Technical Committees and industrial managers for the development of computer-processible product libraries, reference dictionaries and catalogues;

NOTE 1: An overview of the development of computer-processible product libraries, reference dictionaries and catalogues is provided in Part 1 the Guide.

- Technical guidance for the creation of product libraries and dictionaries.

NOTE 2: Technical guidance for the creation of product libraries and dictionaries is provided in Part 2 of the Guide.

A copy of each of the proposals can be obtained for review by contacting Henrietta Scully via email at [hscully@ansi.org](mailto:hscully@ansi.org). Comments on these Draft Guides should be submitted by Friday, November 3rd, 2006 to Steven Cornish via e-mail: [scornish@ansi.org](mailto:scornish@ansi.org).

## Call for Editorial Comments

### Final Draft Revision of the International Vocabulary of Basic and General Terms in Metrology

#### Comment Deadline: September 22, 2006

ANSI has been advised this final draft revision is available for comment. The scope of which is:

In this Vocabulary, a set of definitions and associated terms is given, in English and French, for a system of basic and general concepts used in metrology, together with concept diagrams to demonstrate their relations. Additional information is given in the form of examples and notes under many definitions.

This Vocabulary is meant to be a common reference for scientists and engineers, including physicists, chemists, medical scientists, as well as for both teachers and practitioners, involved in planning or performing measurements, irrespective of the level of measurement uncertainty and irrespective of the field of application. It is also meant to be a reference for governmental and inter-governmental bodies, trade associations, accreditation bodies, regulators, and professional societies.

Concepts used in different approaches to describe measurement are presented together. The member organizations of the JCGM can select the concepts and definitions in accordance with their respective terminologies. Nevertheless, this Vocabulary is intended to promote global harmonization of terminology used in metrology.

Anyone wishing to obtain a copy of the draft for review please send an email to Henrietta Scully at: [hscully@ansi.org](mailto:hscully@ansi.org). Comments need to be submitted, using the template provided, by September 22nd to Emil Hazarian, Chairman of the Glossary Committee of the National Conference of Standards Laboratories International (NCSLI), at e-mail: [emil.hazarian@navy.mil](mailto:emil.hazarian@navy.mil).

## Meeting Notices

### **ASC A92**

The Annual Scaffold Industry Association ASC A92 Meetings will be held at the Radisson Plaza Lord Baltimore Hotel in Baltimore, November 5-7. Please note the deadline for registration is October 25, 2006 and the deadline for room reservations is October 13. Registration is available online at [www.scaffold.org](http://www.scaffold.org) on our "ANSI Standards Development" page.

### **ANSI-Accredited U.S. TAG to ISO TC 229 – Nanotechnologies**

The eighth meeting of the ANSI-Accredited U.S. TAG to ISO TC 229 Nanotechnologies will take place September 14-15, 2006 in the Washington, DC area at a location TBD. For additional information or to join the U.S. TAG, please contact Heather Benko ([hbenko@ansi.org](mailto:hbenko@ansi.org)) at ANSI.

# American National Standard

for Information Technology –

## BIOS Enhanced Disk Drive Services - 3 (EDD-3) (Erratum to Subclause 8.31)

Corrected: May 19, 2006

Secretariat: Information Technology Industry Council

Page 1 of 3 pages

On page 45 of ANSI INCITS 407-2005, in subclause 8.31, the header reads: "Send Packet Command (4Fh)". There is a typographical error. The header should read: "Send Packet Command (50h)". In this erratum, page 45 is reprinted with the correction. Since this header is listed in the table of contents (page ii), the entry for 8.31 also needs to substitute 50h for 4Fh. Page ii is also reprinted with the correction.

An American National Standard implies a consensus of those substantially concerned with its scope and provisions. An American National Standard is intended as a guide to aid the manufacturer, the consumer, and the general public. The existence of an American National Standard does not in any respect preclude anyone, whether he has approved the standard or not, from manufacturing, marketing, purchasing, or using products, processes, or procedures not conforming to the standard. American National Standards are subject to periodic review and users are cautioned to obtain the latest editions.

The American National Standards Institute does not develop standards and will in no circumstances give an interpretation of any American National Standard. Moreover, no person shall have the right or authority to issue an interpretation of an American National Standard in the name of the American National Standards Institute.

**CAUTION NOTICE:** This American National Standard may be revised or withdrawn at any time. The procedures of the American National Standards Institute require that action be taken to reaffirm, revise, or withdraw this standard no later than five years from the date of approval. Purchasers of American National Standards may receive current information on all standards by calling or writing the American National Standards Institute.

	Page
8.14 Set Media Type (FN 18h) .....	28
8.15 Park Heads (FN 19h) .....	28
8.16 Identify Device Information (FN 25h).....	29
8.17 Check Extensions Present (FN 41h) .....	29
8.18 Extended Read (FN 42h) .....	30
8.19 Extended Write (FN 43h).....	30
8.20 Verify Sectors (FN 44h).....	30
8.21 Lock/Unlock Media (FN 45h).....	31
8.22 Eject Removable Media (FN 46h) .....	31
8.23 Extended Seek (FN 47h).....	32
8.24 Get Device Parameters (FN 48h).....	32
8.25 Get Extended Media Change Status (FN 49h).....	40
8.26 Initiate Disk Emulation (FN 4Ah) .....	41
8.27 Terminate Disk Emulation (FN 4Bh).....	42
8.28 Initiate Disk Emulation & Boot (FN 4Ch) .....	43
8.29 Return Boot Catalog (FN 4Dh) .....	43
8.30 Set Hardware Configuration (FN 4Eh) .....	44
8.31 Send Packet Command (FN 50h) .....	45
<b>9 INT 15h Removable Media Eject.....</b>	<b>48</b>

### Tables

<b>1</b> Conventional Register Definitions .....	<b>10</b>
<b>2</b> Conventional Function Definitions.....	<b>10</b>
<b>3</b> Extended Function Definitions.....	<b>11</b>
<b>4</b> Device Address Packet .....	<b>12</b>
<b>5</b> Floppy Geometries .....	<b>17</b>
<b>6</b> Boot Volume Descriptor .....	<b>18</b>
<b>7</b> Validation Entry .....	<b>19</b>
<b>8</b> Initial/Default Entry .....	<b>19</b>
<b>9</b> Section Header.....	<b>20</b>
<b>10</b> Section Entry .....	<b>21</b>
<b>11</b> Section Entry Extension .....	<b>22</b>
<b>12</b> Interface Support Bit Map.....	<b>29</b>
<b>13</b> Result Buffer.....	<b>32</b>
<b>14</b> Interface Path Definitions .....	<b>34</b>

### 8.31 Send Packet Command (FN 50h)

This function defines a service that the system BIOS shall call for sending data to and from a device implementing a protocol using packet transfers. The BIOS shall provide this service before the OS is loaded. When an operating system takes control of the device controller it replaces the BIOS routine for this service to provide a seamless transfer of control from the BIOS to the operating system. This service allows several BIOS level services to continue functioning, even after the OS has taken control of the device controller, for example:

- The INT 13h mass storage interface
- Power Management
- Suspend to disk

The BIOS is single threaded. This means that the BIOS shall not process asynchronous requests from other devices. The BIOS shall send commands to devices and wait for responses. This means that the operating system may take control of the serial interface with no hand-off information from the system BIOS. The operating system shall reconfigure the interface and hook the service described above. The system BIOS may provide INT 13h FN 50h for the 1394, USB, and any other packet oriented bus.

The format of the packet shall be determined by the requirements of the target bus and is beyond the scope of this document. In the case of USB, the packet format shall be determined by the USB specification. In the case of 1394, IEEE 1394-1995 shall determine the size of a packet with payload information defined in SBP-2.

Entry:

AH = 50h  
 AL = D7h  
 DL = BIOS device Number  
 ES:SI = Pointer to formatted command packet, (see Table 21).

Exit:

carry clear  
 AH = 0  
 carry set  
 AH = 01 - Function not implemented, 80h - Command failed to complete, 97h - Subfunction D7h not supported for this device, C3h - Formatted Command Packet is too short

**Table 21 - Formatted Command Packet**

Offset	Type	Description
0	Word	Length of this record in bytes
2-n	Byte	Formatted protocol specific data

#### 8.31.1 Packet Sending Service (PSS) For SCSI Command Descriptor Blocks (CDB)

The purpose of the PSS is to allow an application to send SCSI CDB's using BIOS INT 13h calls to a device, regardless of the bus on which the device resides. This interface is currently defined for ATAPI, SCSI, 1394, and USB devices. Future buses that use SCSI CDB's may also adopt this mechanism for transporting commands

This interface shall not retry any operation. If an error occurs either in command format, or operation of the device, an error shall be returned by INT 13h. The application may choose to retry a command by issuing it again.

This PSS shall add transport specific information (e.g., header information and CRC) and modify the CDB where necessary with bus specific information. If the secondary bus is a hot-plug bus such as 1394 or USB, the PSS shall insert device addresses or EUI-64 as necessary. In the event that a device address changes due to a bus reset or re-enumeration, the PSS shall connect with the device without generating an error.

**SUBSTANTIVE CHANGES IN HMMA 861-06**  
**August 24, 2006**

- 2.01.B.2 Door face sheets shall be joined at their vertical edges by a continuous weld extending the full height of the door. ~~with no visible seams on their faces or vertical edges.~~
- 2.01.B.8.c . . . . Access plate screws shall be corrosion resistant.
- 2.01.B.9.e Fire rated doors shall be prepared for listed glazing as required in accordance with the door manufacturer's fire rating procedure.
- 2.01.B.10.c Fire-rated doors shall be ~~provided with~~ prepared for listed, . . .
- 2.03.B.9.b.ii Strikes . . . . 0.093 in. (2.3 mm) or 0.053 in. (1.3 mm) unitized reinforcement with extruded tapped holes that provide equivalent number of threads as 0.093 in. (2.3 mm)
- 3.03.A Edge clearance for swinging hollow metal doors shall be a minimum of 1/32 in (0.8 mm) in order to provide for the functional operation of the assembly and . . .

**BSR/UL 786**

In proposals announced in the December 9, 2005 issue of ANSI Standards Action, a proposal was made to delete paragraph 1.3 of UL 786. Based upon comments received this proposal is proposed to be withdrawn and paragraph 1.3 will be retained.

(Current text of paragraph 1.3)

1.3 A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements in this standard, and that involves a risk of fire or of electric shock or injury to persons shall be evaluated using appropriate additional component and end-product requirements to maintain the level of safety as originally anticipated by the intent of this standard. A product whose features, characteristics, components, materials, or systems conflict with specific requirements or provisions of this standard does not comply with this standard. Revision of requirements shall be proposed and adopted in conformance with the methods employed for development, revision, and implementation of this standard.