ANSI STANDARDS ACTION

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Contents

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American National Standards

Call for comment on proposals listed

This section solicits your comments on proposed draft new American National Standards, including the national adoption of ISO and IEC 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 should 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.

⋆ Standard for consumer products

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

ISSN 0038-9633

Comment Deadline: November 18, 2002

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B73.2M-200x, Vertical In-Line Centrifugal Pumps for Chemical Process, Specifications for (revision of ANSI/ASME B73.2M-1991 (R1999))

Covers motor driven centrifugal pumps of vertical shaft, single stage design with suction and discharge nozzles in line. It includes dimensional interchangeability requirements and certain design features to facilitate installation and maintenance. It is the intent of this Standard that pumps of the same standard dimension designation, from all sources of supply, shall be interchangeable with respect to mounting dimensions and size and location of suction and discharge nozzles.
Single copy price: $20.00

Obtain an electronic copy from: rodriguezs@asme.org

Order from: Silvana Rodriguez-Bhatti, ASME; rodriguezs@asme.org
Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.org

ITI (INCITS)

New Standards

BSR INCITS 366-200x, Information Technology -SCSI Architecture Model - 2 (SAM-2) (new standard)

Defines a reference model that specifies common behaviors for SCSI devices, and an abstract structure that is generic to all SCSI I/O system implementations.

Single copy price: $18.00

Obtain an electronic copy from: http://www.techstreet.com/cgi-bin/joint.cgi/ncits/cgi-bin/detail?product_id=1035502

Order from: ANSI
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

Revisions

INCITS/ISO/IEC 1539-1-200x, Information Technology - Programming Languages - Fortran (revision of INCITS/ISO/IEC 1539-1-1997)

The purpose of this part of ISO/IEC 1539 is to promote portability, reliability, maintainability, and efficient execution of Fortran programs for use on a variety of computing systems.

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore

Order from: ANSI
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

Reaffirmations

BSR INCITS 4-1986 (R200x), Information Systems - Coded Character Sets - 7-Bit American National Standard Code for Information Interchange (7-Bit ASCII) (reaffirmation of ANSI INCITS 4-1986 (R1997))

Details information interchange among information processing systems, communication systems, and associated equipment. Specifies a set of 128 characters (control characters and graphics characters such as letters, digits, and symbols) with their coded representation.

Single copy price: $18.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore

Order from: ANSI
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

BSR INCITS 319-1998 (R200x), Information Technology - Programming Languages - Smalltalk (reaffirmation of ANSI INCITS 319-1998)

This is a standard for the Smalltalk langauge such that: 1. working only from the standard, a conforming implementation can be produced, 2. Smalltalk programs which conform to the standard will have the same execution semantics on any conforming implementation, and 3. the standard shall be sufficiently complete to allow useful Smalltalk programs to be constructed.
Single copy price: $18.00

Obtain an electronic copy from: http://webstore.ansi.org/ansidocstore

Order from: ANSI
Send comments (with copy to BSR) to: Deborah J. Donovan, ITI (INCITS); ddonovan@itic.org

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 60974-1-200x, Arc Welding Equipment; Part 1: Welding Power Sources (Bulletin dated 09/13/02) (new standard)

This part of IEC 60974 is applicable to power sources for arc welding and allied processes designed for industrial and professional use, and supplied by a voltage not exceeding that specified in table 1 of IEC 60038, or driven by mechanical means. This standard is not applicable to welding power sources for manual metal arc welding with limited duty operation which are designed mainly for use by laymen.
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: Mitchell Gold, UL-IL; Mitchell.Gold@us.ul.com

Revisions

BSR/UL 508C-200x, Safety for Power Conversion Equipment (Bulletin dated 9/24/02) (revision of ANSI/UL 508C-2002)

These requirements cover open or enclosed equipment that supplies power to control a motor or motors operating at a frequency or voltage different than that of the input supply.

The following items are being considered for public comment:
1. Breakdown of Component Testing;
2. Abnormal Operation Testing;
3. Over Speed Control Circuitry Marking;
4. Maximum Enclosure Surface Temperature;
5. Cord-Connect Equipment;
6. Definition for Trip Current;
7. Short Circuit Testing - Standard Fault Currents;
8. Personnel Protection;
9. Miscellaneous revisions.

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: Carol Chudy, UL-NC; Carol.A.Chudy@us.ul.com

Comment Deadline: December 3, 2002

Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

AWWA (American Water Works Association)

New Standards

BSR/AWWA C225-200x, Fused Polyolefin Coating Systems for the Exterior of Steel Water Pipelines (First Edition) (new standard)

Covers the materials and application of fused polyolefin coating systems for buried service. This system is applied in pipe coating plants, both portable and fixed, using coating techniques and equipment as recommended by the manufacturer.
Single copy price: $5.00

Order from: John Wilber, AWWA; jwilber@awwa.org
Send comments (with copy to BSR) to: Same

Revisions

BSR/AWWA D130-200x, Flexible-Membrane-Lining and Floating-Cover Materials for Potable Water Storage (revision of ANSI/AWWA D130-1996)

Pertains to flexible-membrane materials supplied in sheet form for lining, covering, or lining and covering potable water reservoirs.
Single copy price: $5.00

Order from: John Wilber, AWWA; jwilber@awwa.org
Send comments (with copy to BSR) to: Same

IEEE (ASC C37) (Institute of Electrical and Electronics Engineers)

Reaffirmations

BSR/IEEE C37.10-1996 (R2002), Guide for Diagnostics and Failure Investigation of Power Circuit Breakers (reaffirmation of ANSI/IEEE C37.10-1996)

Recommends procedures to be used to perform failure investigations of power circuit breakers.
Single copy price: $93.00 Nonmember; $74.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 45-2002, Recommended Practice for Electrical Installations on Shipboard (new standard)

Establishes the minimally acceptable guidelines for the design, selection, and installation of systems and equipment aboard marine vessels applying electrical apparatus for power, propulsion, steering, automation, navigation, lighting, and communications.
Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 521-2002, Letter Designations for Radar-Frequency Bands (new standard)

Removes confusion which developed from the misapplication to radar of letter-band designations of other microwave frequency users, as it relates the letter terms in common usage to frequency ranges that they represent.
Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 610.12-2002, Glossary of Software Engineering Terminology (new standard)

Defines terms in the field of software engineering.
Single copy price: $116.00 Nonmember; $93.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 730-2002, Software Quality Assurance Plans (new standard)

Provides uniform, minimum acceptable requirements for preparation and content of Software Quality Assurance Plans.
Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1028-2002, Software Reviews (new standard)

Defines systematic reviews applicable to software acquisitions, supply, development, operation, and maintenance.
Single copy price: $95.00 Nonmember; $75.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1413.1-2002, Guide for Selecting and Using Reliability Predictions Based on IEEE 1413 (new standard)

Focuses on hardware reliability prediction methodologies for electronic systems and equipment, and specifically excludes software reliability, availability and maintainability, human reliability, and proprietary reliability prediction data and methodologies.
Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1512.3-2002, Hazardous Material Incident Management Message Sets for Use By Emergency Management Centers (new standard)

Provides a framework for the exchange of mesaages concerning cargo and content of vehicles and content of buildings involved in transportation-related events, to support the management of those events. The clearest examples of the need for these messages are in cases where the cargo and/or content include hazardous material and/or hazardous waste.

Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1570-2002, Interface Between the Rail Subsystem and the Highway Subsystem at a Highway Rail Intersection (new standard)

Defines the logical and physical interfaces, and the performance attributes for the interface between the rail subsystem and the highway subsystem at a highway rail intersection.
Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1584-2002, Guide for Performing Arc Flash Hazard Calculations (new standard)

Provides techniques for designers and facility operators to apply in determining the arc flash hazard distance and the incident energy to which employees could be exposed during their work on or near electrical equipment.
Single copy price: $595.00 Nonmember; $476.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1585-2002, Guide for the Functional Specification of Medium Voltage (1 - 35 kV) Electronic Series Devices for Compensation of Voltage Fluctuations (new standard)

Provides general guidelines for the preparation of a functional specification for solid-state electronic series devices used mainly for compensation of voltage fluctuation. The guide covers devices rated to medium voltage (1-35 kV).
Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1588-2002, Precision Clock Synchronization Protocol for Networked Measurement and Control Systems (new standard)

Defines a protocol enabling precise synchronization of clocks in measurement and control systems implemented with technologies such as network communication, local computing and distributed objects.
Single copy price: $75.00 Nonmember; $60.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C37.59-2002, Requirements for Conversion of Power Switchgear Equipment (new standard)

Covers power switchgear equipment that is converted from a qualified design. It provides direction and guidance in those conversions and specifies required design verification in accordance with applicable ANSI, NEMA, UL, or IEEE standards.
Single copy price: $37.00 Nonmember; $30.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C37.94-2002, N times 64 kilobit per second Optical Fiber Interfaces Between Teleprotection and Multiplexer Equipment (new standard)

Describes the interconnection details for N, where N = 1, 2….12, times 64 kilobit per second connections of teleprotection equipment to digital multiplexers using optical fiber.

Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C57.12.31-2002, Pole Mounted Equipment - Enclosure Integrity (new standard)

Covers conformance tests and requirements for the coating integrity of carbon steel pole mounted enclosures containing apparatus energized in excess of 600 volts, typically located out of reach of the general public.
Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C95.6-2002, Safety Levels With Respect to Human Exposure to Electromagnetic Fields, 0 to 3 kHz (new standard)

Defines exposure levels to protect against adverse effects in humans from exposure to electric and magnetic fields at frequencies from 0 to 3 kHz.
Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

Revisions

BSR/IEEE 484-2002, Recommended Practice for Installation Design and Installation of Vented Lead-Acid Batteries for Stationary Applications (revision of ANSI/IEEE 484-1996)

Provides recommended design practices and procedures for storage, location, mounting, ventilation, instrumentation, preassembly, assembly, and charging of vented lead-acid batteries.

Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1246-2002, Guide for Temporary Protective Grounding Systems Used in Substations (revision of ANSI/IEEE 1246-1997)

Covers the design, performance, use, testing, and installation of temporary protective grounding systems, including the connection points, as used in premanent and mobile substations.
Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 2001-2002, Recommended Practice for the Internet - Web Site Engineering, Web Site Management, and Web Site Life Cycle (revision of ANSI/IEEE 2001-1999)

Defines recommended practices for World Wide Wed page engineering for Intranet and Extranet environments, based on World Wide Web Consortium (W3C) and related industry guidelines.
Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

Reaffirmations

BSR/IEEE 115-1995 (R2002), Guide: Test Procedures for Synchronous Machines Part I - Acceptance and Performance Testing Part II - Test Procedures and Parameter Determination for Dynamic Analysis (reaffirmation of ANSI/IEEE 115-1995)

Contains instructions for conducting the more generally applicable and accepted tests to determine the performance characteristics of synchronous machines.
Single copy price: $138.00 Nonmember; $110.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 260.4-1996 (R2002), Letter Symbols and Abbreviations for Quantities Used in Acoustics (reaffirmation of ANSI/IEEE 260.4-1996)

Covers letter symbols for physical quantities used in the science and technology of acoustics.
Single copy price: $98.00 Nonmember; $78.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 325-1996 (R2002), Test Procedures for Germanium Gamma-Ray Detectors (reaffirmation of ANSI/IEEE 325-1996)

Establishes terminology and standard test procedures so they have the same meaning to both manufacturers and users. Applies to germanium radiation detectors that are used for the detection and high-resolution spectrometry of gamma rays, X rays, and charged particles that produce hole-electron pairs in the crystal lattice.
Single copy price: $101.00 Nonmember; $81.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1044-1994 (R2002), Classification for Software Anomalies (reaffirmation of ANSI/IEEE 1044-1994)

Defines the minimum requirements for classifying anomalies.
Single copy price: $83.00 Nonmember; $66.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1062-1994 (R2002), Recommended Practice for Software Acquisition (reaffirmation of ANSI/IEEE 1062-1994)

Describes a set of useful quality practices that can be selected and applied during one or more steps in a software acquisition process.
Single copy price: $96.00 Nonmember; $77.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1101.10-1996 (R2002), Additional Mechanical Specifications for Microprocessors Using the IEEE Std 1101.1-1991 Equipment Practice (reaffirmation of ANSI/IEEE 1101.10-1996)

Specifies dimensions which will ensure the mechanical and "Requirements and Tests of Environmental Conditions for Structures for Electronic Equipment" interchangeability of subracks and plug-in units, based on IEEE Std 1101.1, IEC 297-3, IEC 297-4, using IEC 603-2 based connectors and IEC 48D/1587-1 and IEC 48D/1587-3 requirements.

Single copy price: $92.00 Nonmember; $74.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1233-1996 (R2002), Guide for Developing System Requirements Specifications (reaffirmation of ANSI/IEEE 1233-1996)

Provides guidance for the development of a set of requirements that will satisfy and expressed need. In this guide that set of requirements will be called the System Requirements Specification (SyRS).
Single copy price: $95.00 Nonmember; $75.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1325-1996 (R2002), Recommended Practice for Reporting Field Failure Data for Power Circuit Breakers (reaffirmation of ANSI/IEEE 1325-1996)

Attempts tro standardize reporting of field failures and to use these experiences to improve the reliability of power circuit breakers.
Single copy price: $87.00 Nonmember; $69.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

NEMA (ASC C37) (National Electrical Manufacturers Association)

New Standards

BSR/IEEE C37.104-2002, Guide for Automatic Reclosing of Line Circuit Breakers for AC Distribution and Transmission Lines (new standard)

Describes current automatic reclosing practices for AC distribution and transmission lines.
Single copy price: $41.00 Nonmember; $33.00 Member

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

NEMA (ASC C57) (National Electrical Manufacturers Association)

New Standards

BSR/IEEE C57.12.32-2002, Submersible Equipment - Enclosure Integrity (new standard)

Covers conformance tests and requirements for the integrity of carbon steel and copper bearing steel submersible electrical enclosures intended for installation in submerged environments.
Single copy price: N/A

Order from: IEEE Customer Service 1-800-678-4333
Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

ANSI Technical Reports

ANSI Technical Reports are not consensus documents. Rather, all material contained in ANSI Technical Reports is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Comment Deadline: November 3, 2002

ARMA (Association of Records Managers and Administrators)

ANSI/ARMA TR-01-2002, Records Center Operations (technical report)

Recommended practices for the operation of a records center. Issues addressed include: the purpose of a records center, the facility, shelving, security/protection, operations, MIS/computerization, staff and training, climate control, forms, and disaster protection, and evaluation of commercial facilities.
Single copy price: $36.00 (PDF format) $50.00 (Hard copy)

Order from: www.arma.org/bookstore
Send comments (with copy to BSR) to: Diane Carlisle, ARMA; dcarlisl@arma.org

Call for Comment Contact Information

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.

Order from:

ARMA
Association of Records Managers and Administrators
13725 W. 109th Street; Suite 101
Lenexa, KS 66215
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Fax: (913) 341-3742

Web: www.arma.org

ASME
American Society of Mechanical Engineers
3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-8460

Fax: (212) 591-8501
Web: www.asme.org

AWWA
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Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

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Fax: (303) 379-2740
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Institute of Electrical and Electronics Engineers (IEEE)
445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331
Phone: (732) 562-3806
Fax: (732) 562-1571
Web: www.ieee.org

Send comments to:

ARMA

Association of Records Managers and Administrators
13725 W. 109th Street; Suite 101
Lenexa, KS 66215
Phone: (913) 341-3808
Fax: (913) 341-3742
Web: www.arma.org

ASME

American Society of Mechanical Engineers (ASME)
3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-7021
Fax: (212) 591-8501
Web: www.asme.org

AWWA

American Water Works Association
6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 794-7711
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

IEEE

Institute of Electrical and Electronics Engineers (IEEE)
445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331
Phone: (732) 562-3806
Fax: (732) 562-1571
Web: www.ieee.org

ITI (INCITS)

INCITS Secretariat/ITI
1250 Eye Street, NW, Suite 200
Washington, DC 20005-3922
Phone: (202) 626-5746
Fax: (202) 638-4922
Web: www.incits.org

UL-IL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-2850
Fax: (847) 313-2850

UL-NC

Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC 27709-3995
Phone: (919) 549-1400 Ext.11666
Fax: (919) 547-6018

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.

ACCA (Air Conditioning Contractors of America)

New Standards

ANSI Man "D"/ ACCA 1-2002, Residential Duct Design (new standard): 9/24/2002

NACE (National Association of Corrosion Engineers)

Revisions

ANSI/NACE MR0175-2002, Sulfide Stress Cracking Resistant Metallic Materials for Oilfield Equipment (revision of ANSI/NACE MR0175-2000): 9/24/2002

NSPI (National Spa and Pool Institute)

Supplements

ANSI/NSPI 4a-2002, Standard for Aboveground/Onground Residential Swimming Pools (supplement to ANSI/NSPI 4-1999): 9/24/2002

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers of the initiation and scope of activities expected to result in new or revised American National Standards. This information is a key element in planning and coordinating American National Standards. For additional information, see clause 1.2.8 of the ANSI Procedures for the Development and Coordination of American National Standards (2001 edition.)

Following is a list of proposed new American National Standards or revisions to existing American National Standards that have been received from ANSI-accredited standards developers that utilize the periodic maintenance option in connection with their standards. Please also review the section entitled "American National Standards Maintained Under Continuous Maintenance" contained in Standards Action for comparable information with regard to standards maintained under the continuous maintenance option. Directly and materially affected interests wishing to receive more information should contact the standards developer directly.

ASA (ASC S2) (Acoustical Society of America)

Office: 35 Pinelawn Road Suite 114E
Melville, NY 11747

Contact: *Susan Blaeser*

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR S2.28-200X, Guide for the Measurement and Evaluation of Vibration of Shipboard Machinery (new standard)

BSR S2.29-200X, Guide for the Measurement and Evaluation of Vibration of Machine Shafts on Shipboard (new standard)

EIA (Electronic Industries Alliance)

Office: 2500 Wilson Blvd., Suite 300
Arlington, VA 22201-3834

Contact: *Chris Denham*

Fax: (703) 907-7601

E-mail: cdenham@geia.org

BSR/EIA 557A-200x, Statistical Process Control Systems (PN-5026) (revision of ANSI/EIA 557A-1995)

ITI (INCITS) (INCITS)

Office: 1250 Eye Street, NW
Suite 200
Washington, DC 20005-3922

Contact: *Barbara Bennett*

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS PN-1567D-200x, Information Technology - Application Profile for Interoperability, Data Interchange and Data Integrity of Biometric Based Personal Identification for Border Crossing (new standard)

BSR INCITS PN-1575-D-200x, Information Technology - Application Profile for Point-of-Sale Biometric Verification/Identification (new standard)

BSR INCITS PN-1576-D-200x, Information Technology - Iris Image Interchange Format (new standard)

BSR INCITS PN-1577-D-200x, Information Technology - Finger Image Based Interchange Format (new standard)

American National Standards Maintained Under Continuous Maintenance

The ANSI Procedures for the Development and Coordination of American National Standards (ANSI Procedures) provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.4.1) and continuous maintenance (see clause 4.4.2). 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 4.4.1 and 4.4.3.

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
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- NACE
- 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, select STANDARDS INFO, and choose "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at http://web.ansi.org/public/ans_main/default.htm.

Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at 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 and IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are 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 and IEC 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, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

Global Engineering Documents
15 Inverness Way East
Englewood, CO 80112-5704
phone: (800) 854-7179
fax: (303) 379-7956
e-mail: global@ihs.com
web: http://global.ihs.com

ISO Standards

DOORS AND WINDOWS (TC 162)

ISO/DIS 6442, Door leaves - General and local flatness - Measurement method - 12/28/2002, $30.00

ISO/DIS 6443, Door leaves - Method for measurement of height, width, thickness and squareness - 12/28/2002, $35.00

ISO/DIS 6444, Door leaves - Determination of the behaviour under humidity varaiations in successive uniform climates - 12/28/2002, $24.00

ISO/DIS 6445, Doors - Behaviour between two different climates - Test method - 12/28/2002, $54.00

ISO/DIS 8271, Door leaves - Determination of the resistance to hard body impact - 12/28/2002, $30.00

ISO/DIS 8274, Windows and doors - Resistance to repeated opening and closing - Test method - 12/28/2002, $38.00

ISO/DIS 9379, Operating forces - Test method - Doors - 12/28/2002, $38.00

ISO/DIS 9381, Minged or pivoted doors - Determination of the resistance to static torsion - 12/28/2002, $30.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO/DIS 7240-15, Fire detection and alarm systems - Part 15: Point-type multisensor (light and heat) fire detectors - 12/21/2002, $94.00

ROLLING BEARINGS (TC 4)

ISO/DIS 21107, Rolling bearings and spherical plain bearings - Search structure for electronic media - Characteristics and performance criteria identified by attribute vocabulary - 1/2/2003, $80.00

IEC Standards

3C/1026/FDIS, IEC 60417: Graphical symbols for picture control of wide-screen television sets - 5928 Pr: Wide-screen (16:9), normal mode, 11/22/2002

3C/1027/FDIS, IEC 60417: Graphical symbols for picture control of wide-screen television sets - 5929 Pr: Wide-screen (16:9), selection of picture mode, 11/22/2002

3C/1028/FDIS, IEC 60417: Graphical symbols for picture control of wide-screen television sets - 5930 Pr: Wide-screen (16:9), full picture mode, 11/22/2002

3C/1029/FDIS, IEC 60417: Graphical symbols for picture control of wide-screen television sets - 5931 Pr: Wide-screen (16:9), horizontal zoom mode, 11/22/2002

3C/1030/FDIS, IEC 60417: Graphical symbols for picture control of wide-screen television sets - 5932 Pr: Wide-screen (16:9), zoom mode, 11/22/2002

3C/1031/FDIS, IEC 60417: Graphical symbols for picture control of wide-screen television sets - 5933 Pr: Wide-screen (16:9), zoom in/out, 11/22/2002

3C/1032/FDIS, IEC 60417: Graphical symbols for picture control of wide-screen television sets - 5934 Pr: Wide-screen (16:9), picture enlarge mode, 11/22/2002

13/1285/FDIS, 62052-11, Ed. 1: Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 11: Metering equipment, 11/22/2002

23F/141/FDIS, IEC 60998-1 Ed. 2: Connecting devices for low-voltage circuits for household and similar purposes - Part 1: General requirements, 11/22/2002

23F/142/FDIS, IEC 60998-2-1 Ed. 2: Connecting devices for low-voltage circuits for household and similar purposes - Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units, 11/22/2002

23F/143/FDIS, IEC 60998-2-2 Ed. 2: Connecting devices for low-voltage circuits for household and similar purposes - Part 2-2: Particular requirements for connecting devices as separate entities with screwless-type clamping units, 11/22/2002

23F/144/FDIS, IEC 60998-2-3 Ed. 2: Connecting devices for low-voltage circuits for household and similar purposes - Part 2-3: Particular requirements for connecting devices as separate entities with insulation-piercing clamping units, 11/22/2002

34A/1011/FDIS, IEC 60432-3 Ed.1 - Incandescent lamps - Safety specifications - Part 3: Tungsten halogen lamps (non-vehicle), 11/22/2002

65D/89A/FDIS, 60746-1, Ed. 2: Expression of performance of electrochemical analyzers - Part 1: General (Please note that this document is re-circulated after corrections and supersedes 65D/89/FDIS.), 11/15/2002

65D/90A/FDIS, 60746-2, Ed. 2: Expression of performance of electrochemical analyzers - Part 2: pH value (Please note that this document is re-circulated after corrections and supersedes 65D/90/FDIS.), 11/15/2002

77A/389/FDIS, Amendment 1 to IEC 61000-4-15: Electromagnetic compatibility (EMC) - Part 4-15: Testing and measurement techniques - Flickermeter - Functional and design specifications, 11/22/2002

108/22/FDIS, IEC 60950-21 Ed. 1: Information technology equipment - Safety - Part 21: Remote power feeding, 11/22/2002

13/1287/FDIS, 62053-11, Ed. 1: Electricity metering equipment (AC) - Particular Requirements - Part 11: Electromechanical meters for active energy (classes 0,5, 1 and 2), 11/29/2002

51/692/FDIS, Terms and nomenclature for cores made of magnetically soft ferrites - Part 1: Terms used for physical irregularities, 11/29/2002

61/2278/FDIS, Household and similar electrical appliances - Safety - Part 2-16: Particular requirements for food waste disposers, 11/29/2002

65A/368/FDIS, 61511-1, Ed. 1: Functional safety - Safety instrumented systems for the process industry sector - Part 1: Framework, definitions, system, hardware and software requirements, 11/29/2002

86C/477/FDIS, IEC 62149-4 Ed 1.0: Fibre optic active components and devices - Performance standards - Part 4: 1 300 nm fibre optic transceivers for Gigabit Ethernet application, 11/29/2002

88/166/FDIS, Wind turbine generator systems - Part 11: Acoustic noise measurement techniques, 11/29/2002

Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Global Engineering Documents.

Weblinks are now provided from Standards Action to ANSI's Electronic Standards Store. To purchase a PDF copy of the desired standard, click on the blue, underlined designation.

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 5765-1:2002, Dried milk, dried ice-mixes and processed cheese - Determination of lactose content - Part 1: Enzymatic method utilizing the glucose moiety of the lactose, $42.00

ISO 5765-2:2002, Dried milk, dried ice-mixes and processed cheese - Determination of lactose content - Part 2: Enzymatic method utilizing the galactose moiety of the lactose, $42.00

ISO 13301:2002, Sensory analysis - Methodology - General guidance for measuring odour, flavour and taste detection thresholds by a three-alternative forced-choice (3-AFC) procedure, $64.00

ISO 15174:2002, Milk and milk products - Microbial coagulants - Determination of total milk-clotting activity, $30.00

ISO 15323:2002, Dried milk protein products - Determination of nitrogen solubility index, $26.00

AIR QUALITY (TC 146)

ISO 16622:2002, Meteorology - Sonic anemometers/thermometers - Acceptance test methods for mean wind measurements, $56.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 12171:2002, Space data and information transfer systems - Telecommand - Channel service, $72.00

BIOLOGICAL EVALUATION OF MEDICAL AND DENTAL MATERIALS AND DEVICES (TC 194)

ISO 10993-10:2002, Biological evaluation of medical devices - Part 10: Tests for irritation and delayed-type hypersensitivity, $84.00

FOOTWEAR (TC 216)

ISO 22651:2002, Footwear - Test methods for insoles - Dimensional stability, $26.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO 12710:2002, Non-destructive testing - Ultrasonic inspection - Evaluating electronic characteristics of ultrasonic test instruments, $56.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 10282:2002, Single-use sterile rubber surgical gloves - Specification, $35.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 7547:2002, Ships and marine technology - Air-conditioning and ventilation of accommodation spaces - Design conditions and basis of calculations, $42.00

ISO 22090-1:2002, Ships and marine technology - Transmitting heading devices (THDs) - Part 1: Gyro-compasses, $38.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9594-8/Cor1:2002, Information technology - Open Systems Interconnection - The Directory - Part 8: Authentication framework - Corrigendum, FREE

ISO/IEC 14776-321:2002, Information technology - Small Computer System Interface-3 (SCSI-3) - Part 321: SCSI-3 Block Commands (SBC), $124.00

ISO/IEC 15444-3:2002, Information technology - JPEG 2000 image coding system - Part 3: Motion JPEG 2000, $72.00

ISO/IEC 15944-1:2002, Information technology - Business agreement semantic descriptive techniques - Part 1: Operational aspects of Open-edi for implementation, $152.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 14143-4:2002, Information technology - Software measurement - Functional size measurement - Part 4: Reference model, $110.00

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) 642-4975.

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

IFMC

Public review: July 5, 2002 to October 10, 2002

Novasonics

Public review: September 23, 2002 to December 22, 2002

SMUD.ORG

Organization: Sacramento Municipal Utility District
6201 S Street, MS B254
Sacramento, CA 95817
Contact: Michael Hewitt
PHONE: 916-732-6414; FAX: 916-732-7600
E-mail: mhewitt@smud.org

Public review: September 9, 2002 to December 8, 2002

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 members 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, who in turn disseminates the information to all WTO members. The purpose of this requirement is to provide trading partners with an opportunity to review and comment on the regulation before it becomes final.

To distribute information on these proposed foreign technical regulations, the National Center for Standards and Certification Information (NCSCI), National Institute of Standards and Technology (NIST), provides an on-line service - Export Alert! - that allows interested parties to register and obtain notifications, via e-mail, for countries and industry sectors of interest to them. To register, go to http://ts.nist.gov/ncsci and click on "Export Alert!".

NCSCI serves as the U.S. WTO TBT inquiry point and receives copies of all notifications, in English, to disseminate to U.S. industry. To obtain copies of the full text of the regulations or for further information, contact NCSCI, NIST, 100 Bureau Drive, Stop 2160, Gaithersburg, MD 20899-2160; telephone (301) 975-4040; fax (301) 926-1559, e-mail - ncsci@nist.gov.

NCSCI will also request an extension of the comment period and transmit comments to the issuing foreign agency for consideration.

Information Concerning

Procedures and Standards Administration

Approval of Procedures

ARMA International

The Executive Standards Council has reviewed and approved ARMA International's Standards Development Committee Policies and Procedures for the Creation and Submission of Technical Reports. This approval action signifies that the procedures are in compliance with ANSI's requirements for the registration of technical reports with ANSI. For additional information relating to this action, please contact: Ms. Diane Carlisle, Director, Publications and Technical Services, ARMA International, 13725 West 109th Street, Suite 101, Lenexa, KS 66215; PHONE: (913) 341-3808; FAX: (913) 341-3742; E-mail: dcarlisl@arma.org.

Accredited Standards Committees

Approval of Accreditation

ASC T1 - Telecommunications

The Executive Standards Council has approved the maintenance of the accreditation of Accredited Standards Committee T1, Telecommunications, under a revised scope of standards activity and mission statement (see July 19, 2002 issue of Standards Action), effective September 23, 2002. The Alliance for Telecommunications Industry Solutions (ATIS) currently serves as the Secretariat of ASC T1. For additional information, please contact: Ms. Susan Carioti, Manager, T1 Disciplines, ATIS, 1200 G Street, NW Suite 500, Washington, DC 20005; PHONE: (202) 434-8839; FAX: (202) 347-7125; E-mail: scarioti@atis.org.

Approval of Reaccreditation

ASC A14 - Safety in Design, Construction, Testing, Selection, Care & Use of Ladders

The Executive Standards Council has approved the reaccreditation of Accredited Standards Committee A14, Safety in the Design, Construction, Testing, Selection, Care & Use of Ladders, using revised operating procedures under the Committee Method of developing consensus, effective September 24, 2002. The American Ladder Institute currently serves as the Secretariat of ASC A14. For additional information, please contact: Mr. Ron Pietrzak, Executive Director, Association Headquarters, 401 North Michigan Avenue, Chicago, IL 60611; PHONE: (312) 644-6610, ext. 4782; E-mail: ron_pietrzak@sba.com.

ANSI-RAB National Accreditation Program for Environmental Management Systems

Application for Accreditation

Course Provider

Quality Practitioners, Inc.

Comment Deadline: December 10, 2002

Quality Practitioners, Inc., based in Lincoln, NE, has applied for accreditation under the ANSI-RAB National Accreditation Program for Course Providers of Environmental Management Systems, a joint program of the American National Standards Institute and the Registrar Accreditation Board.

Comments on the application of the above registrar are solicited from interested bodies.

Please send your comments by December 10, 2002 to Reinaldo Figueiredo, Quality Manager, Conformity Assessment, American National Standards Institute, 1819 L St., NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: RFigueir@ansi.org.

U.S. National Committee of the IEC

U.S. Proposals for Initiation of International Standards

IEC 61691-4

The following proposal for the initiation of an international Standard has been submitted to the International Electrotechnical Commission: TC 93: Design Automation

Title:

IEC 61691-4: Behavioral Languages, Part 4: Standard Hardware Description Language based on Verilog 2001

Scope:

Definition of standard Verilog(tm) Hardware Description Language based on the Verilog Hardware Description Language for use in electronic systems design as a standard textual format for a variety of design tools, including verification simulation, timing analysis, test analysis, and synthesis.

For additional information, please contact: Alex N. D. Zamfirescu, Alternative System Concepts Inc., 644 Emerson Street, Suite 10, Palo Alto, CA 94301, PHONE: (650) 473-1067, FAX: (603) 437-2722, E-mail: alexz@ascinc.com.

IEC 61926-2

The following proposal for the initiation of an international Standard has been submitted to the International Electrotechnical Commission: TC 93: Design Automation

Title:

IEC 61926-2: Standard Test Languages; Part 2; Test Language for All Systems Requirements

Scope:

A Signal Description and Test Description Standard, independent of test equipment, providing a standard set of components for description of signals used in the preparation and documentation of test procedures that can be implemented with automatic and semi-automatic equipment. ATLAS2K defines a collection of objects and their interfaces, such that these objects describe signal components relevant to test requirements. The ATLAS2K standard defines how to interconnect these objects through their interfaces such that a test model may be defined that describes actual test requirements.

For additional information, please contact: Alex N. D. Zamfirescu, Alternative System Concepts Inc., 644 Emerson Street, Suite 10, Palo Alto, CA 94301, PHONE: (650) 473-1067, FAX: (603) 437-2722, E-mail: alexz@ascinc.com.

U.S. Technical Advisory Groups

New TAG Administrator

ISO/TC 94/SC 15 - Respiratory Protective Devices

Comment Deadline: November 4, 2002

With the endorsement of the U.S. Technical Advisory Group to ISO/TC 94/SC 15, Respiratory protective devices, the National Institute for Occupational Safety and Health (NIOSH)/National Personal Protective Technology Laboratory has agreed to serve as the new TAG Administrator for the U.S. TAG to ISO/TC 94/SC 15. ASTM, the most recent TAG Administrator for this TAG, has agreed to transfer its responsibilities to NIOSH.

For additional information, or to offer comments, please contact: Mr. Richard W. Metzler, Acting Director, National Personal Protective Technology Laboratory, 626 Cochrane Mill Road, P.O. Box 18070, Pittsburgh, PA 15236; PHONE: (412) 386-6111; FAX: (412) 386-6716; E-mail: rwm0@CDC.GOV.

Meeting Notices

ASC Z136

ASC Z136 will hold their annual meeting on Sunday, March 9, 2003 (8:00 am to 4:00 pm), in conjunction with the International Laser Safety Conference (ILSC 2003) hosted by the Laser Institute of America. The meeting will be held at the Adam's Mark Hotel in Jacksonville, Florida. All interested parties are invited to attend. Please contact Barbara Sams at bsams@laserinstitute.org or call (407) 380-1553 for information.

Announcement of Procedural Revisions
Comment Deadline: November 4, 2002

Comments with regard to these revisions should be submitted to psa@ansi.org or via fax to the Recording Secretary of the ExSC at (212) 840-2298 or 25 West 43rd Street, 4th Floor, New York, NY 10036 by **November 4, 2002.**

ExSC 6071r

The proposed definition of the term proxy is a revision to the one previously subjected to public review. If approved, it would be added to Annex G of the *ANSI Procedures.* A reference to the term is made in a recently approved revision to clause 1.3 of the *ANSI Procedures.* That revision was announced for public review in June 2002 as ExSC 6072r and approved for submittal to the National Issues Committee (NIC) at their next meeting.

Proxy: A written and signed document by which a voting member of a consensus body authorizes another person to vote in the member's stead, if allowed by the developer's procedures.

This proposed revision to the *ANSI Procedures* is intended to streamline the administrative requirements associated with the maintenance of American National Standards.

ExSC 6123r

4.4.1.1 In the event that a PINS or BSR-8/108 has not been submitted for an American National Standard ~~is not reaffirmed, revised, or withdrawn~~ within five years after its approval, the standards developer may request an extension of time to reaffirm or revise the standard, or shall withdraw the standard. The request for an extension of time shall be submitted to ANSI within thirty days following five years after the approval date of the American National Standard. Requests for extensions ~~shall demonstrate that work is under way and~~ shall provide the program and schedule of work that will lead to revision, reaffirmation, or withdrawal. The extension may be granted by the ExSC or its designee.

~~If the extension is granted and the American National Standard is not reaffirmed, revised, or withdrawn within the extension period, the standards developer may request a second extension. A request for a second extension shall be authorized by a majority vote of the standard committee or canvass list concerned. Second requests for extensions shall indicate the length of the extension required and shall provide the program and schedule of work. The ExSC or its designee shall review such requests and may grant the extension.~~

No extension of time beyond ten years from the date of approval shall be granted for action on a standard.

ExSC 6124r

This revision to the *ANSI Procedures* is intended to clarify that all members of a consensus body shall have the opportunity to vote on the approval of a final consensus action taken in connection with an American National Standard.

1.3 Criteria for approval and withdrawal of American National Standards

A standard developed by an accredited standards developer may be approved as an American National Standard in accordance with either 1.3.1 (Approval by the Board of Standards Review), or 1.3.2 (Approval without BSR review). In either case, the due process and consensus criteria outlined in clause 1 of these procedures shall apply. In addition, approval assures the user that each American National Standard is generally acceptable to the directly and materially affected interest categories that participated in the development of consensus for the standard.

"Consensus" means substantial agreement has been reached by directly and materially affected interest categories. This signifies the concurrence of more than a simple majority, but not necessarily unanimity. Consensus requires that all views and objections be considered, and that an effort be made toward their resolution.

Consensus is demonstrated, in part, by a vote of the consensus body. Except as provided for in 1.3.1.3, each member of a consensus body shall have an opportunity to vote on the approval of a document or portion thereof as a candidate ANS, even if the member cannot attend a meeting at which that formal vote is taken. Such a vote shall be conducted and reported in accordance with the rules set forth below and in compliance with clause 1.2.8 herein.

1. Accredited Standards Developers (ASDs) shall not change a vote unless instructed in writing (including electronic communications) to do so by the voter. It is never appropriate for an ASD to inform voters that if they are not heard from, their negative vote will be considered withdrawn and their vote will be recorded as an abstention or an affirmative. All negative votes that are not changed at the request of the voter shall be recorded and reported to the BSR as outstanding negatives by any ASD who has not been granted the authority to designate its standards as American National Standards without approval by the BSR.

2. ASDs shall record and consider all negative votes accompanied by any comments that are related to the proposal under consideration. This includes negative votes accompanied by comments concerning potential conflict or duplication of the draft standard with an existing American National Standard and negative votes accompanied by comments of a procedural or philosophical nature. These types of comments shall not be dismissed due to the fact that they do not necessarily provide alternative language or a specific remedy to the no vote.

3. ASDs are not required to consider negative votes accompanied by comments not related to the proposal under consideration, or negative votes without comments. The ASD shall indicate conspicuously on the letter ballot that negative votes must be accompanied by comments related to the proposal and that votes unaccompanied by such comments will be recorded as "negative without

comments" without further notice to the voter. If comments not related to the proposal are submitted with a negative vote, the comments shall be documented and considered in the same manner as submittal of a new proposal (see 1.2.13). If clear instruction is provided on the ballot, and a negative vote unaccompanied by comments related to the proposal is received notwithstanding, the vote may be counted as a "negative without comment" for the purposes of establishing a quorum and reporting to ANSI. The ASD is not required to solicit any comments from the negative voter. The ASD is not required to conduct a recirculation ballot of the negative vote. The ASD is required to report the no vote as a "negative without comment" when making their final submittal to the BSR unless the ASD has been granted the authority to designate its standards as American National Standards without approval by the BSR.

4. The ASD shall maintain records of evidence regarding any change of an original vote.

5. Except in regard to votes on membership and officer-related issues, each member of a consensus body should vote one of the following positions (or the equivalent):

   (a) Affirmative;

   (b) Affirmative, with comment;

   (c) Negative, with reasons (the reasons for a negative vote shall be given and if possible should include specific wording or actions that would resolve the objection);

   (d) Abstain, with reasons.

6. For votes on membership and officer-related issues, the affirmative/negative/abstain method of voting shall be followed. Votes with regard to these issues need not be accompanied by reasons and need not be resolved or circulated to the consensus body.

ExSC 6165R

The concept behind this proposed revision to the *ANSI Procedures* is supported by the ANSI National Issues Committee (NIC). It is a revised version of a revision previously subjected to public review in July 2002.

1.2.7 Notification of standards development

Notification of standards activity shall be announced in suitable media as appropriate to demonstrate provision of opportunity for participation by all directly and materially affected persons. At the initiation of a project to develop or revise an American National Standard, notification shall be transmitted to ANSI using the Project Initiation Notification System (PINS) form, or its equivalent, for listing in Standards Action. A statement shall be submitted and published as part of the PINS announcement that should include:

(a) an explanation of the need for the project; and

(b) identification of the stakeholders (e.g., telecom, consumer, medical, environmental, etc.) likely to be directly impacted by the standard.

Developers are encouraged to consult any relevant international or regional guides that may impact the proposed standard. If the response to sub-section (b) changes substantively as the standard is developed, a revised PINS shall be submitted and published. A PINS form may be submitted, but is not required, at the initiation of a project to reaffirm or withdraw an American National Standard. Comments received in connection with a PINS announcement shall be handled in accordance with the appropriate sections of clause 1.2.8 herein.

ExSC 6174

These proposed revisions to the *ANSI Auditing Policy and Procedures* are intended to streamline the Audit Program.

3 Extent of audits

Audits shall involve a review of the operations of ANSI-accredited standards developers as they relate to standards development and associated activities, including continuity of administrative oversight and support of the standards activities. A sampling of operations and documents shall be used to obtain a representative review. The scope of these audits shall be determined by the ExSC at the conclusion of the review process of the regular audits. The scope shall include 5%-10% of the standards developer's standards designated as American National Standards (i.e., new standards, reaffirmations, and revisions) since the last audit with a minimum of 5 standards (or all ~~the~~ standards if there are fewer than 5). For those developers with more than 250 standards eligible to be audited, the number of standards to be audited shall range between 12 ~~25~~ and 40. ~~The ExSC or its designee, in conjunction with the Audit Director, shall determine on a case by case basis the number of standards to be audited, based on factors such as the number of accreditations or locations maintained by the developer. In no instance shall the number of standards audited be fewer than 25, nor greater than 40.~~ Audits shall not involve the accounting or financial aspects of standards developers.

4.2 Regular audits

All accredited standards developers shall be audited on a regular cycle, typically once every five years. However, the audit cycle may be extended at the discretion of the ExSC. This determination will be made by the ExSC at the conclusion of the review process of the regular audit for the subsequent audit. Special audits may be scheduled at the request of the ExSC.

4.3 Audits of accredited standards developers delegated the authority to apply the ANS designation without BSR review

Prior to being delegated the authority to apply the ANS designation without BSR review, the accredited standards developer shall be subject to an audit. The results of the initial audit shall be reviewed by the ExSC. The audited designator shall then be subject to an audit two years from the date of approval as an audited designator and then an audit three years after the preceding audit~~,~~. ~~and an audit four years after the preceding audit.~~ Thereafter, the audit shall take place every five years unless, as a result of the regular audit or an audit for cause, a more frequent audit cycle is deemed necessary by the ExSC.

ExSC 6176r

This proposed revision to the *ANSI Procedures for U.S. Participation in the International Standards Activities of ISO* is intended to clarify the procedures when a change in TAG Administrator is desired.

2.5.5.5 Transfer of U.S. TAG Administrator. In those instances where a U.S. TAG administrator is unable to continue serving, ANSI shall be notified immediately. If a change in the entity that serves as the TAG Administrator is sought by both the TAG and the TAG Administrator and the new TAG Administrator agrees to use the TAG's existing procedures or the *Model Operating Procedures for U.S. TAGs to ANSI for ISO Activities* contained in Annex A, then the following shall apply: ~~It is appropriate for a U.S. TAG to operate with an interim administrator for what the ExSC believes is a reasonable period of time while seeking a permanent administrator, in the interest of allowing the work of the U.S. TAG to continue. It is appropriate for a P-membership to be maintained during the transfer of responsibility to a new U.S. TAG administrator. The U.S. TAG chairman or other designee appointed by the TAG may serve as interim U.S. TAG administrator until a new U.S. TAG administrator is recommended to ANSI by the TAG. When an organization is identified, it serves as the interim U.S. TAG administrator until final approval and reaccreditation by the ExSC has been completed in accordance with section 2.4. In all such cases, the party serving as the interim U.S. TAG administrator shall provide the ExSC with a status report every six months. This status report shall include all activities relevant to the approval of the U.S. TAG administrator and, if necessary, eventual reaccreditation of the U.S. TAG. Based on this status report, the ExSC will take action regarding the continuing activity of the U.S. TAG and U.S. participation in the relevant international technical committee and subcommittee(s).~~

(a) The current or the proposed TAG Administrator shall prepare and circulate a ballot for TAG approval of the new TAG Administrator.

(b) Upon closure of the ballot, a copy of the voting results shall be transmitted to the TAG pursuant to the TAG's currently accredited procedures

- If a two-thirds affirmative vote of the total voting membership of the TAG is not achieved, and the TAG Administrator does not wish to continue to serve, then the ExSC shall be so notified in writing. The accreditation of the TAG shall be withdrawn by the ExSC as a result in accordance with 2.5.6 herein.
- If a two-thirds affirmative vote of the total voting membership of the consensus body is achieved, then the following procedures shall apply.

(c) A notice shall be sent to the Secretary of the ExSC notifying it of the change in TAG Administrator, the reasons therefore, a copy of the voting results that indicate the TAG's acceptance of the proposed change and a certification that the new TAG Administrator shall operate in accordance with the TAG's currently accredited procedures or the *Model Operating Procedures for U.S. TAGs to ANSI for ISO Activities*.

(d) The Secretary of the ExSC shall place an announcement of the transfer of responsibility to the new TAG Administrator in *Standards Action* to solicit public comment. The comment period shall be 30 days.

(e) The ExSC shall consider any comments received during the public comment period. If no comments are received, then an informative announcement confirming the change of TAG Administrator shall be made in *Standards Action.* If comments are received, the ExSC shall require that the TAG and the proposed new TAG Administrator respond adequately to such comments prior to final approval by the ExSC.

ExSC 6177r

The proposed revision to Annex A of the *ANSI Procedures* is intended to specify the conditions under which a letter ballot must be issued as a result of a petition of members of the ASC.

A.8.4 Authorization of letter ballots

A letter ballot shall be authorized by any of the following:

a) Majority vote of those present at a consensus body meeting;

b) The chair;

c) The executive committee (if one exists);

d) The secretariat;

e) Petition of ~~five~~ 20% or more identified members of the consensus body to address one or more issues not already balloted to or otherwise decided by the committee.

ExSC 6178r

This proposed revision to the *ANSI Procedures* is intended to impose a routine review cycle relative to the procedures of ANSI-accredited standards developers who do not sponsor current American National Standards and are thus, not subject to review via the ANSI Audit Program.

2.4 Maintenance of accreditation

The ANSI Audit Director, under the supervision of the ExSC, shall arrange for audits of accredited standards developers at selected intervals or, at the request of the ExSC, due to special circumstances (BSR request, appeals action, etc.) to confirm adherence to the criteria for accreditation and to confirm that the procedures and practices of the accredited standards developer continue to be consistent with those which formed the basis for accreditation. The ANSI Audit Director shall report the audit findings to the ExSC who in turn shall take appropriate action in accordance with the *ANSI Auditing Policy and Procedures.*

If an accredited standards developer does not maintain one or more approved American National Standards, then the developer shall submit their accredited procedures for review and approval by the ExSC on a five-year cycle as well as a justification as to why they have not submitted any standards to ANSI for approval and why their accreditation remains relevant. The ExSC may suspend or withdraw the accreditation if the justification is not provided or is otherwise unsatisfactory.

Accredited standards developers granted authority to designate their standards as American National Standards without BSR approval shall submit to a regular audit in accordance with 1.3.2.

When ANSI issues revised or additional criteria for accreditation, the accredited standards developer shall comply with them within a reasonable time period designated by the ExSC in order to maintain accreditation.

Whenever any revision is made to a standards developer's procedures on record at ANSI, the ExSC shall be notified and provided with a detailed description of the changes. If the changes are considered by the ExSC to be non-substantive, the standards developer will be notified and, upon such notification, may begin to operate under the revised procedures. If the changes are considered by the ExSC to be substantive, notice of these changes shall appear in *Standards Action* with a call for comment. Copies of the revised procedures shall be made available by the applicant to any party, upon request. If a developer submits their procedures in an electronic format and authorizes ANSI to post them on ANSI Online for purposes of public review, then the associated call for comment period in ANSI's *Standards Action* shall be 30 days and shall be announced as such.

If the standards developer decides to implement revised procedures prior to the final approval of the ExSC, they may do so provided that a) records concerning the implementation are maintained and available for use by the ANSI Audit Program; b) the developer certifies that the changes are in compliance with the *ANSI Procedures*; and c)

the developer accepts responsibility for all actions taken with regard to a candidate American National Standard, including resubmittal, if the ExSC does not approve a particular procedural provision.

Following the comment period, the ExSC shall consider the comments received, the latest status reports, the latest audit of the accredited standards developer, and any available additional information to determine whether to continue the accreditation. Notice of continuance shall be sent to the accredited standards developer and shall appear in *Standards Action*.

When the ExSC requests an accredited standards developer to revise its approved procedures to bring them into compliance with the *ANSI Procedures for the Development and Coordination of American National Standards*, the ExSC shall decide on a case-by-case basis whether reaccreditation, including public review, is also required.

ExSC 6179r

These proposed revisions are intended to address the application of continuous maintenance as defined in the *ANSI Procedures* to standards developed under the canvass method.

B.2.1 The standards developer shall develop a list of potential canvassees consisting of those organizations, companies, government agencies, standards developers, individuals, etc., known to be, or who have indicated that they are, directly and materially affected by the standard. The standards developer shall meet the requirements in 1.2.2 regarding lack of dominance. No individual shall represent more than one canvassee.

For standards maintained under continuous maintenance, the formation of the canvass list only needs to be done once, after which the canvass group would become a standing canvass body, while still remaining open for new members. The standing canvass body would be involved in all future revisions and approvals.

B.3 Upon receipt of the standards developer's list of potential canvassees, ANSI shall announce the initiation of the canvass in Standards Action to elicit additional canvassees. This announcement shall include a statement that the canvass list is available upon request from the developer, or alternately, a URL address where an electronic version of the canvass list is posted.

The review period shall be thirty days from the date of publication. Any resulting proposals for addition to the canvass list shall be referred directly to the standards developer.

For standards maintained under continuous maintenance, the announcement in Standards Action needs only to be done for the initial formation of the canvass group. It does not need to be done for each approval.

B.4.2 The standards developer shall transmit, at minimum, the following information to all canvassees and other interested parties so requesting unless the developer has previously supplied this information:

a. the purpose and intended application of the standard;
b. a brief history and explanation of how the standard was developed;
c. an explanation of ANSI's function and the use of the canvass method in the voluntary consensus standards system;
d. a copy of the canvass list, consisting of the name, affiliation, and category of interest of each canvassee;
e. a copy of the complete proposed American National Standard or the relevant portion under consideration when the canvassee has previously received the complete standard;
f. official letter ballot(s) to all canvassees.

Upon request, the standards developer shall provide to the canvassee a reasonable number of copies of the document being considered, to allow for a speedy determination of position by the canvassee. Should the document contain material that is not to be considered for approval as an American National Standard, such as an introduction or annex, a clear statement shall be included indicating those portions of the standard that are to be considered for approval by ANSI.
The ballot form used by the standards developer shall provide opportunity for the canvassee to indicate its position (i.e., approval, objection (with reasons), abstention (with comment), or nonparticipation, with the advice that, in order to receive consideration, objections must be accompanied by supporting written reasons and, where possible, proposals for a solution to the problem raised. At least one follow-up shall be sent to canvassees not responding. The canvass ballot may be closed at the end of sixty days (forty-five days for standards maintained under continuous maintenance), or sooner if all canvassees have responded. An extension of up to sixty days (forty-five days for continuous maintenance) shall be granted upon request from any canvassee giving a legitimate reason.

Those not on the canvass list who have a direct and material interest in the standard have an opportunity to participate in the review of the standard during the public review process, announced in Standards Action.

1.2.7 Notification of standards development

Notification of standards activity shall be announced in suitable media as appropriate to demonstrate provision of opportunity for participation by all directly and materially affected persons. At the initiation of a project to develop or revise an American National Standard, notification shall be transmitted to ANSI using the Project Initiation Notification System (PINS) form, or its equivalent, for listing in Standards Action. A PINS form may be submitted, but is not required, at the initiation of a project to reaffirm or withdraw an American National Standard. Comments received in connection with a PINS announcement shall be handled in accordance with the appropriate sections of clause 1.2.8 herein.

A PINS is not required for revisions of an American National Standard that is maintained under continuous maintenance and (1) is registered as such on the ANSI website, (2) has a notice in the standard that the standard is always open for comment and how to submit comments, and (3) has information on the developer's website that the standard is under continuous maintenance and how to submit comments. In addition, proposals for new American National Standards and proposals to revise, reaffirm, or withdraw approval of existing American National Standards shall be transmitted to ANSI using the BSR-8 form, or its equivalent, for listing in Standards Action in order to provide an opportunity for public comment. The comment period shall be one of the following:

- A minimum of thirty days if the full text of the revision(s) can be published in Standards Action;
- A minimum of forty-five days if the document is available in an electronic format, deliverable within one day of a request, and the source (e.g., URL or an E-mail address) from which it can be obtained by the public is provided to ANSI for announcement in Standards Action; or

- A minimum of sixty days, if neither of the aforementioned options is applicable.

Such listing may be requested at any stage in the development of the proposal, at the option of the standards developer, and may be concurrent with final balloting. However, any substantive change (see 1.2.10) subsequently made in a proposed American National Standard requires listing of the change in Standards Action.

ExSC 6181r

The new text below is proposed for inclusion in the *ANSI Procedures*. It is intended to provide to ANSI-accredited standards developers (ASDs) the option to issue a new deliverable, herein referred to as a "Provisional American National Standard" or a "Provisional Amendment" to an existing ANS, in accordance with the criteria proposed. This text is a revision to text previously subjected to public review in March 2002. The placement of this text in the *ANSI Procedures* will be decided if it is approved; thus, the numbering is for organizational purposes only.

1.0 Procedures for the Development of a Provisional American National Standard (ANS) or a Provisional Amendment to an ANS

When an alternative process is not otherwise reflected in an ASD's accredited procedures, these procedures set forth the requirements for the issuance of a Provisional ANS or a Provisional Amendment to an existing ANS and may be used when all of the following circumstances apply:

- When implementation of the Provisional ANS or Provisional Amendment may result in an improvement to the safeguarding of life, and there is a well-established need for the prompt dissemination of information that addresses an emergency situation or other special circumstance;

- When the use of the accredited procedures of the ASD would cause an undue delay in the issuance of a related standard; and

- When an ASD supports the development of a Provisional ANS or a Provisional Amendment with the intention of initiating the processing as an ANS, of the Provisional ANS or the Provisional Amendment to an ANS, within 45 days of its approval date. Processing of the ANS shall be in accordance with the ASD's accredited procedures, including ANSI public review in *Standards Action* and consensus body ballot.

1.1 Public notice

An announcement identifying the standard and describing the circumstances that warrant the issuance of a Provisional ANS or Provisional Amendment shall be provided to ANSI in a timely manner for publication in *ANSI's Standards Action* along with relevant developer contact information. The requirements in clause *1.2.6 Notification of standards development* shall not apply with regard to a Provisional ANS or Provisional Amendment that is promulgated in accordance with these procedures.

1.2 Minimum consensus body ballot period

A developer using these procedures may utilize the minimum ballot period established by their accredited procedures for an ANS or the

consensus body may establish a ballot period that is not less than two weeks. Developers accredited to use ANSI's model procedures shall use a minimum ballot period of two weeks.

1.3 Approval of a Provisional ANS or a Provisional Amendment to an ANS

Approval of a Provisional ANS or a Provisional Amendment to an ANS requires approval by the consensus body of at least two-thirds of those voting, excluding abstentions.

1.4 Comment resolution

All comments accompanying the ballot shall be circulated to the consensus body in order to afford all members an opportunity to respond, reaffirm, or change their vote. For recirculation of comments, a minimum period of not less than one week is required. An attempt to resolve the comments received relative to the Provisional ANS or Provisional Amendment is not required.

1.5 Right to appeal

The right to appeal shall not be required in connection with the issuance of a Provisional ANS or Provisional Amendment. After the standard or revision has been issued, if a directly and materially affected party believes that the Provisional ANS or Provisional Amendment should be withdrawn, then the *Withdrawal for cause* procedures detailed in the *ANSI Procedures for the Development and Coordination of American National Standards* shall apply.

1.6 Approval notification to ANSI

Notice of the approval of a Provisional ANS or Provisional Amendment by an ASD shall be submitted to ANSI within 5 days of the approval of the document. The notice shall include the designation and title of the new or affected document the approval date and a certification that the developer has followed these procedures. An informational announcement shall be published in *Standards Action*.

1.7 Processing the Provisional ANS as an American National Standard

The ASD shall initiate the processing, as an ANS, of the Provisional ANS, or the revision to an amended ANS, within 45 days of its approval date. This processing shall be in accordance with the ASD's accredited procedures and shall include ANSI public review in *Standards Action* and consensus body ballot.

1.8 Withdrawal

A Provisional ANS or Provisional Amendment shall exist for no longer than two years from the date on which it is approved by the ASD. If consensus is achieved and the affected standard (either the Provisional ANS or the ANS as modified by the Provisional Amendment is published as an ANS, the Provisional ANS or Provisional Amendment is superseded and shall be withdrawn. If consensus is not achieved, the Provisional ANS or Provisional Amendment shall be withdrawn at that time, but no later than two years from the date on which it was approved. A notice of the withdrawal shall be published in *ANSI's Standards Action*.

1.9 Identification of a Provisional ANS or Provisional Amendment

A standard or an amendment to a standard promulgated in accordance with these procedures shall be referred to as a Provisional American National Standard or Provisional Amendment, respectively, and identified clearly as such on the cover or title page. In addition, a standard processed as a Provisional American National Standard, shall be identified by a unique alphanumeric designation in accordance with the following guidelines:

ANSI/ABCD 123 (PS), where ABCD reflects the developer's acronym.

And an American National Standard with a provisional amendment shall be identified as follows:

ANSI/ABCD 123 (PA)

The following or similar text shall be included in the foreword of a Provisional Standard or adjacent to a Provisional Amendment when included in the text of an ANS:

"This document or some of the information contained in this document has been processed in accordance with ANSI's requirements for a Provisional American National Standard or Provisional Amendment to an ANS. The same or similar document or amendment (as applicable) will undergo the standards development process set forth in the ASD's accredited procedures. This Provisional ANS or pertinent Provisional Amendment(s) shall be withdrawn on or before the two year anniversary date of its approval as such."

The ANSI approval logo and the words "an American National Standard" shall not be used to identify an entire standard that has not received ANSI approval or been approved by an accredited standards developer who has been granted authority to designate its standards as American National Standards.

1.10 Audit of Use of Provisional ANSI Process

Records documenting compliance with these procedures shall be retained. These records shall be examined during the next scheduled audit of the developer.

ExSC 6183

The proposed revision to clauses 4.4.1.1 and 4.4.1.2 as contained in clause 4.4.1 *Periodic maintenance of American National Standards* of the *ANSI Procedures* is intended to make explicit the fact that the approval of a document as an American National Standard expires on its tenth anniversary of approval.

4.4.1.1 In the event that an American National Standard is not reaffirmed, revised, or withdrawn within five years after its approval, the standards developer may request an extension of time to reaffirm or revise the standard, or shall withdraw the standard. The extension of time shall be submitted to ANSI within thirty days following five years after the approval date of the American National Standard. Requests for extensions shall demonstrate that work is under way that will lead to revision, reaffirmation, or withdrawal. The extension may be granted by the ExSC or its designee.

If the extension is granted and the American National Standard is not reaffirmed, revised, or withdrawn within the extension period, the standards developer may request a second extension. A request for a second extension shall be authorized by a majority vote of the standard committee or canvass list concerned. Second requests for extensions shall indicate the length of the extension required and shall provide the program and schedule of work. The ExSC or its designee shall review such requests and may grant the extension.

No extension of time beyond ten years from the date of approval shall be granted for action on a standard. In no case shall a standard maintain its status as a current American National Standard beyond ten years from the date of approval. Such approval automatically expires on the tenth anniversary date of approval as an American National Standard.

4.4.1.2 In the event that an American National Standard approved by a standards developer who has been granted authority to designate its standards as American National Standards is not reaffirmed, revised, or withdrawn within five years after its approval, the standards developer shall follow its own procedures to ensure that work is proceeding and shall notify the Institute and provide the estimated time of completion. In no case shall a standard maintain its status as a current ~~the~~ American National Standard~~s designation beyond ten years from the date of approval.~~ beyond ten years from the date of approval. Such approval automatically expires on the tenth anniversary date of approval as an American National Standard.

ExSC 6184

This proposed revision to the *Operating Procedures of the ANSI Board of Standards Review* is intended to clarify that a respondent to an appeal to the BSR is offered the option to request an extension of the deadline date by which a response is due to an appeal. This is comparable to the option that is available to appellants.

7.2 Appeals mechanism

The appeal and all related materials shall be filed in writing with the secretary of the BSR within fifteen (15) working days after receipt of notification by ANSI of an action by the BSR. If the appellant is unable to provide all the appeals materials within the fifteen (15) working days, the appellant shall request an extension from the Secretary of the BSR, and shall provide a justification therefor, within the fifteen (15) working days, or shall forfeit the right to further appeal. The appeals materials shall be accompanied by a filing fee. This fee may be waived or reduced upon sufficient evidence of hardship. In addition, this fee may be reduced either if, in accordance with specifications provided by the ANSI Director of Procedures and Standards Administration, (a) the appeals statement, including all back-up material, is submitted entirely in electronic format or (b) twenty-five (25) hard copies of all appeals materials are submitted. The appeal shall include a statement with evidence as to why the action of the BSR should be modified. The respondent(s) shall be notified of an appeal and be given fifteen (15) working days after receipt of such notification to submit to ANSI a statement with evidence in opposition to the appeal. <u>If the respondent is unable to provide a complete response within the fifteen (15) working days, the respondent shall request an extension from the Secretary of the BSR, and shall provide a justification therefor, within the fifteen (15) working days, or shall forfeit the right to respond.</u> <u>Extensions of time to submit an appeal statement or response shall be granted at the discretion of the chairperson of the BSR or, if the chairperson is unavailable, by the secretary of the BSR.</u> The original action of the BSR shall stand until all levels of appeal at ANSI have been completed unless the BSR determines otherwise. No party to an appeal may communicate with any member of the BSR while the matter is pending.