

STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 West 43rd Street, NY, NY 10036

VOL. 33, #45

December 20, 2002

Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Comment Contact Information	5
Initiation of Canvasses	7
Project Initiation Notification System (PINS)	8

International Standards

ISO Draft Standards	10
ISO and IEC Newly Published Standards	11
CEN/CENELEC	15
Registration of Organization Names in the U.S.	17
Proposed Foreign Government Regulations	17
Information Concerning	18
STANDARDS ACTION WEEKLY PUBLISHING SCHEDULE – 2003	20

**Standards Action is now
available via the World Wide Web**

For your convenience *Standards Action* can now be
downloaded from the following web address:
http://www.ansi.org/rooms/room_14/

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

Comment Deadline: February 3, 2003

ATIS (ASC T1) (Alliance for Telecommunications Industry Solutions)

Revisions

BSR T1.513-200x, Telecommunications - Frame Relay Data Communication Service - Access, User Information Transfer, Disengagement, and Availability Performance Parameters (revision of ANSI T1.513-1997)

This standard defines speed, accuracy, dependability, and availability parameters that may be used in specifying and assessing the performance of public frame relay data communication services. The defined parameters apply to end-to-end, point-to-point frame relay connections and to specified portions of such connections when provided in accordance with the American National Standards specified in clause 2.

Single copy price: \$151.00-Download Price; \$166.00-Paper Copy

Order from: Jacqueline Brown-Ervin, ATIS (ASC T1); jbrown@atis.org
Send comments (with copy to BSR) to: Susan Carioti, ATIS (ASC T1); scarioti@atis.org

HL7 (Health Level Seven)

New Standards

BSR/HL7 V2 XML-200x, HL7 Version 2: XML Encoding Syntax, Release 1 (new standard)

The objective of this specification is to present encoding rules for HL7 Version 2.3.1 and 2.4 messages based on the Extensible Markup Language XML that could be used in environments where senders and receivers both understand XML. The v2.xml specification aims to act as a second normative encoding for v2.3.1 and v.2.4 (and future releases of the HL7 v2.x standard).

Single copy price: \$75.00 (members)/\$125.00 (non-members) for electronic and hard copy; \$50.00 (members) \$75.00 (non-members) for

Order from: Diana Stephens, HL7
Send comments (with copy to BSR) to: Karen Van Hentenryck, HL7; karenvan@hl7.org

IPC (IPC - Association Connecting Electronics Industries)

Supplements

BSR/IPC 2546 Amendment 1-200x, Sectional Requirements for Specific Printed Circuit Board Assembly Equipment (supplement to ANSI/IPC 2546-2001)

This amendment covers the screen printing section of IPC-2546 and includes editorial changes to the core document. IPC-2546 establishes requirements and other considerations for the interchange of information between shop floor electronic assembly equipment and factory information systems. Information may consist of attribute and parametric data, product data, process recipes, equipment monitoring and control, resource utilization, and material consumption.

Single copy price: Free

Order from: Rhoda Butchin, IPC; Butcrh@ipc.org
Send comments (with copy to BSR) to: Same

NEMA (National Electrical Manufacturers Association)

New Standards

BSR/NEMA FI 1-200x, Manufactured Electrical Mica (new standard)

This standards publication covers manufacturing, measurement, and testing of manufactured electrical mica.

Single copy price: \$44.00

Order from: Global Engineering Documents; <http://global.ihc.com/>
Send comments (with copy to BSR) to: Andre Moldoveanu, NEMA (ASC C8); and_moldoveanu@nema.org

BSR/NEMA FI 3-200x, Calendered Aramid Papers Used for Electrical Insulation (new standard)

This standards publication is applicable to qualification and testing of calendered aramid papers in thicknesses up to 30 mils (0.76 mm) for use as electrical insulation. For U.S. Government procurement purposes, this standard replaces Military Standard MIL-I-24204A.

Single copy price: \$26.00

Order from: Global Engineering Documents; <http://global.ihc.com/>
Send comments (with copy to BSR) to: Andre Moldoveanu, NEMA (ASC C8); and_moldoveanu@nema.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 943-200x, Ground-Fault Circuit Interrupters (Bulletin dated 12/17/02) (revision of ANSI/UL 943-2002)

Supplemental Voltage Surge Immunity Test.

Single copy price: Contact comm2000 for pricing and delivery options

Order from: comm2000

Send comments (with copy to BSR) to: Helen Ketcham, UL-NY; Helen.W.Ketcham@us.ul.com

Comment Deadline: February 18, 2003

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

AA (ASC H35) (Aluminum Association)

Revisions

BSR H35.1-200x, Alloy and Temper Designation Systems for Aluminum (revision of ANSI H35.1-2000)

Covers systems for designating wrought aluminum and wrought aluminum alloys, aluminum and aluminum alloys in the form of castings and foundry ingot, and the tempers in which wrought products and castings are produced.

Single copy price: Free

Order from: Peter Pollak, AA; ppollak@aluminum.org
Send comments (with copy to BSR) to: Same

BSR H35.1(M)-200x, Alloy and Temper Designation Systems for Aluminum (Metric) (revision of ANSI H35.1(M)-2000)

Covers systems for designating wrought aluminum and wrought aluminum alloys, aluminum and aluminum alloys in the form of castings and foundry ingot, and the tempers in which wrought products and castings are produced.

Single copy price: Free

Order from: Peter Pollak, AA; ppollak@aluminum.org
Send comments (with copy to BSR) to: Same

BSR H35.2-200x, Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2-2000)

Includes dimensional tolerances for aluminum mill products accepted by both the aluminum industry and users of the metal. They are the basis for dimensional tolerances specified in government, technical societies and other specifications for aluminum.

Single copy price: Free

Order from: Peter Pollak, AA; ppollak@aluminum.org
Send comments (with copy to BSR) to: Same

BSR H35.2(M)-200x, Dimensional Tolerances for Aluminum Mill Products (Metric) (revision of ANSI H35.2(M)-2001)

Includes dimensional tolerances for aluminum mill products accepted by both the aluminum industry and users of the metal. They are the basis for dimensional tolerances specified in government, technical societies and other specifications for aluminum.

Single copy price: Free

Order from: Peter Pollak, AA; ppollak@aluminum.org
Send comments (with copy to BSR) to: Same

BSR H35.4-200x, Designation System for Unalloyed Aluminum (revision of ANSI H35.4-2000)

Covers a system for designating unalloyed aluminum not made by a refining process and used primarily for remelting.

Single copy price: Free

Order from: Peter Pollak, AA; ppollak@aluminum.org
Send comments (with copy to BSR) to: Same

Reaffirmations

BSR H35.3-1997 (R200x), Designation System for Aluminum Hardeners (reaffirmation of ANSI H35.3-1997 (R2000))

Covers a system for designating aluminum hardeners used primarily for the addition of alloying, or grain refining elements, or modifiers to aluminum alloy melts.

Single copy price: Free

Order from: Peter Pollak, AA; ppollak@aluminum.org
Send comments (with copy to BSR) to: Same

BSR H35.5-1993 (R200x), Nomenclature System for Aluminum Metal Matrix Composite Materials (reaffirmation of ANSI H35.5-1993 (R2000))

This standard covers a system for designating wrought and cast aluminum metal matrix composite materials by appending suffixes to existing aluminum designation systems, including generic tempers.

Single copy price: Free

Order from: Peter Pollak, AA; ppollak@aluminum.org
Send comments (with copy to BSR) to: Same

AAMI (Association for the Advancement of Medical Instrumentation)

New Standards

- ★ BSR/AAMI ST67-200x, Sterilization of health care products - Requirements for products labeled "Sterile" (new standard)

Establishes requirements and provides guidance for the selection of an appropriate Sterility Assurance Level (SAL) for terminally sterilized medical devices labeled "sterile." Also establishes acceptance criteria for maximum contamination rates for aseptically-filled products labeled "sterile."

Single copy price: 25.00 (\$20.00 for AAMI members) + shipping/handling for printed copy.

Order from: AAMI (Attn: Customer Service): 703-525-4890 ext. 206, order code ST67-AD
Send comments (with copy to BSR) to: Joe Lewelling, AAMI; jlewelling@aami.org

API (American Petroleum Institute)

New Standards

BSR/API MPMS 14.3.1 Third Edition-200x, General Equations and Uncertainty Guidelines - Concentric, Square-edged Orifice Meters (new standard)

Provides the basic equations and uncertainty statements for computing the flow through orifice meters. Formally designated as ANSI/API 2530, Part 1, 1991.

Single copy price: \$120.00

Order from: Global Engineering Documents; <http://global.ih.com/>
Send comments (with copy to BSR) to: Jon Noxon, API; noxonj@api.org

BSR/API MPMS 14.3.3 Third Edition-200x, Natural Gas Applications (new standard)

API MPMS 14.3.3 is an application guide for the calculation of natural gas flow through a flange-tapped, concentric orifice meter, using the inch-pound system of units. It also provides practical guidelines for applying API MPMS 14.3.1 and 14.3.2 to the measurement of natural gas.. Formally designated as ANSI/API 2530, Part 3, 1991.

Single copy price: \$120.00

Order from: Global Engineering Documents; <http://global.ih.com/>
Send comments (with copy to BSR) to: Jon Noxon, API; noxonj@api.org

AWS (American Welding Society)

New Standards

BSR/AWS C2.21/C2.21M-200x, Specification for Thermal Spray Equipment Acceptance Inspection (new standard)

This document specifies the thermal spray equipment acceptance requirements for plasma, arc-wire, flame-powder, -wire, -rod, and -cord, high velocity oxygen fuel (HVOF) equipment. Proof of suitability shall be provided by the equipment supplier.. Inspection reports are provided in five mandatory annexes.

Single copy price: \$6.50

Order from: AWS, Attn: R. O'Neill: 800-443-9353 x451, or: roneill@aws.org
Send comments (with copy to BSR) to: Leonard Connor, AWS; lconnor@aws.org

CSA (ASC Z21/83) (CSA America, Inc.)

Revisions

BSR Z21.21b-200x, Automatic Valves for Gas Appliances (same as CSA 6.5b) (revision of ANSI Z21.21-2000, ANSI Z21.21a-2001)

Details test and examination criteria for individual automatic valves, valves utilized as parts of automatic gas ignition systems, or the automatic valve function of combination controls, which have maximum operating pressure ratings of ½ psi, 2 psi, 5 psi, or higher than 5 psi in 5 psi increments up to and including a maximum operating pressure of 60 psi. This standard does not apply to self-contained automatic gas shutoff valves for hot water supply systems.

Single copy price: \$35.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.23a-200x, Gas Appliance Thermostats (revision of ANSI Z21.23-2000)

Details test and examination criteria for integral gas valve type and electric type thermostats which are used as integral parts of gas-burning appliances. It presents minimum levels for the substantial and durable construction, safe operation and acceptable performance for such thermostats. The standard does not apply to wall-mounted thermostats for comfort heating control.

Single copy price: \$35.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.47-200x, Gas-Fired Central Furnaces (same as CSA 2.3) (revision, redesignation and consolidation of ANSI Z21.47-2001, ANSI Z21.47a-2001, ANSI Z21.47b-2002)

Details test and examination criteria for automatically operating gas-fired central furnaces for use with nat., mfd. and mixed gases, LP gases and LP gas air mixtures. Central furnaces are designed to supply heated air through ducts to building spaces remote from or adjacent to the appliance location. Central furnaces are intended for installation in residential, commercial and industrial structures including Direct Vent, Recreational Vehicle, Outdoor and Manufactured (Mobile) Home.

Single copy price: \$35.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.78b-200x, Combination Gas Controls for Gas Appliances (same as CSA 6.20b) (revision of ANSI Z21.78-2000, ANSI Z21.78a-2001)

Details test and examination criteria for combination gas controls for gas appliances that have a maximum operating gas pressure of ½ psi. A combination gas control is defined as an assembly of two or more different functions, one of which conveys gas in a single unit without the use of pipe nipples.

Single copy price: \$35.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

BSR Z21.87a-200x, Automatic Gas Shutoff Devices for Hot Water Supply Systems (same as CSA 4.6a) (revision of ANSI Z21.87-1999)

Details test and examination criteria for automatic gas shutoff devices for hot water supply systems.

Single copy price: \$35.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org
Send comments (with copy to BSR) to: Same

IESNA (Illuminating Engineering Society of North America)

Revisions

BSR/IES RP1-200x, Recommended Practice on Office Lighting (revision of ANSI/IES RP1-1992)

Provides useful, practical information on office lighting, not only on the technical issues, but also on design elements that can produce a productive and pleasant environment. Both visibility values (quality and quantity of light) and aesthetic values (worker perception and mood) must coalesce for successful office lighting.

Single copy price: \$25.00

Order from: Rita Harrold, IESNA; rharrold@iesna.org
Send comments (with copy to BSR) to: Same

IEST (Institute of Environmental Sciences and Technology)

New National Adoptions

BSR/IEST/ISO 14644-1-200x, Cleanrooms and associated controlled environments - Part 1: Classification of air cleanliness (identical national adoption)

This part of ISO 14644 covers the classification of air cleanliness in cleanrooms and associated controlled environments exclusively in terms of concentration of airborne particles. Only particle populations having cumulative distributions based on threshold (lower limit) sizes ranging from 0,1 µm to 5 µm are considered for classification purposes.

Single copy price: \$50.00

Order from: Corrie Roesslein, IEST; croesslein@iest.org
Send comments (with copy to BSR) to: Same

BSR/IEST/ISO 14644-2-200x, Cleanrooms and associated controlled environments - Part 2: Specifications for testing and monitoring to prove continued compliance with IEST/ISO 14644-1:1999 (identical national adoption)

This part of ISO 14644 specifies requirements for periodic testing of a cleanroom or clean zone to prove its continued compliance with ISO 14644-1 for the designated classification of airborne particulate cleanliness. These requirements invoke the test described in ISO 14644-1 for classification of a cleanroom or clean zone. Additional tests are also specified, to be carried out in accordance with the requirements of this part of ISO 14644.

Single copy price: \$30.00

Order from: Corrie Roesslein, IEST; croesslein@iest.org
Send comments (with copy to BSR) to: Same

BSR/IEST/ISO 14644-4-200x, Cleanrooms and associated controlled environments - Part 4: Design, construction and start-up (identical national adoption)

This part of ISO 14644 specifies requirements for the design and construction of cleanroom installations but does not prescribe specific technological or contractual means to meet these requirements. It is intended for use by purchasers, suppliers and designers of cleanroom installations and provides a checklist of important parameters of performance. Construction guidance is provided, including requirements for start-up and qualification.

Single copy price: \$30.00

Order from: Corrie Roesslein, IEST; croesslein@iest.org
Send comments (with copy to BSR) to: Same

OPEI (Outdoor Power Equipment Institute)

Revisions

- ★ BSR/OPEI B71.1-200x, Outdoor Power Equipment - Walk-Behind Mowers and Ride-On Machines with Mowers - Safety Specifications (revision of ANSI/OPEI B71.1-1998)

These safety specifications are for reel and rotary walk-behind and reel and rotary ride-on power lawn mowers, ride-on power lawn tractors with mower attachments, ride-on power lawn and garden tractors with mower attachments, and lever steer ride-on mowers. These safety requirements help ensure uniform operator environments. They apply to products specifically intended as consumer products for the personal use of a consumer around a house.

Single copy price: Free

Order from: John Liskey, OPEI; OPEI@stat.aol.com
Send comments (with copy to BSR) to: Same

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:

AA

Aluminum Association
900 19th Street, NW, Suite 300
Washington, DC 20006
Phone: (202) 862-5124

Fax: (202) 862-5164

Web:
www.aluminum.org/stdsindx.htm

AAMI

Association for the Advancement
of Medical Instrumentation
1110 N Glebe Road
Suite 220

Arlington, VA 22201
Phone: (703) 525-4890 x206
Fax: (703) 276-0793

Web: www.aami.org

ATIS (ASC T1)

Alliance for Telecommunications
Industry Solutions
1200 G Street NW, Suite 500
Washington, DC 20005

Phone: (202) 434-8839
Fax: (202) 347-7125

Web: www.atis.org

comm2000

1414 Brook Drive
Downers Grove, IL 60515
Web: www.comm-2000.com

CSA

CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575
Phone: (216) 524-4990
Fax: (216) 642-3463

Global Engineering Documents

15 Inverness Way East
Englewood, CO 80112-5704
Phone: (800) 854-7179

Fax: (303) 379-2740
Web: www.global.ihc.com

HL7

Health Level Seven
3300 Washtenaw Avenue, Suite
227

Ann Arbor, MI 48104-4250
Phone: (734) 677-7777
Fax: (734) 677-6622

Web: www.hl7.org

IESNA

Illuminating Engineering Society of
North America

120 Wall Street, 17th Floor
New York, NY 10005-4001
Phone: (212) 248-5000 x115

Fax: (212) 248-5017
Web: www.iesna.org

IENT

Institute of Environmental Sciences
and Technology

940 E. Northwest Highway
Mount Prospect, IL 60056-3422
Phone: (847) 255-1561

Fax: (847) 255-1669

Web: www.ient.org

IPC

IPC - Association Connecting

Electronics Industries
2215 Sanders Road
Northbrook, IL 60062-6135

Phone: (847) 790-5326

Fax: (847) 509-9798

Web: www.ipc.org

OPEI

Outdoor Power Equipment Institute

341 South Packer Street
Alexandria, VA 22314
Phone: (703) 549-7600

Fax: (703) 549-7604

Web: opei.mow.org

Send comments to:

AA

Aluminum Association
900 19th Street, NW, Suite 300
Washington, DC 20006
Phone: (202) 862-5124
Fax: (202) 862-5164
Web:
www.aluminum.org/stdsindx.htm

AAMI

Association for the Advancement
of Medical Instrumentation
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890 x206
Fax: (703) 276-0793
Web: www.aami.org

API

American Petroleum Institute
1220 L Street NW
Washington, DC 20005-4070
Phone: (202) 682-8174
Fax: (202) 962-4797
Web: www.api.org

ATIS (ASC T1)

Alliance for Telecommunications
Industry Solutions
1200 G Street NW, Suite 500
Washington, DC 20005
Phone: (202) 434-8839
Fax: (202) 347-7125
Web: www.atis.org

AWS

American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126
Phone: (305) 443-9353 x302
Fax: (305) 443-5951
Web: www.aws.org

CSA

CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575
Phone: (216) 524-4990
Fax: (216) 642-3463

HL7

Health Level Seven
3300 Washtenaw Avenue, Suite
227
Ann Arbor, MI 48104-4250
Phone: (734) 677-7777 x104
Fax: (734) 677-6622
Web: www.hl7.org

IESNA

Illuminating Engineering Society of
North America
120 Wall Street, 17th Floor
New York, NY 10005-4001
Phone: (212) 248-5000 x115
Fax: (212) 248-5017
Web: www.iesna.org

IEST

Institute of Environmental Sciences
and Technology
940 E. Northwest Highway
Mount Prospect, IL 60056-3422
Phone: (847) 255-1561
Fax: (847) 255-1669
Web: www.iest.org

IPC

IPC - Association Connecting
Electronics Industries
2215 Sanders Road
Northbrook, IL 60062-6135
Phone: (847) 790-5326
Fax: (847) 509-9798
Web: www.ipc.org

NEMA (ASC C8)

National Electrical Manufacturers
Association
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3290
Fax: (703) 841-3398

OPEI

Outdoor Power Equipment Institute
341 South Packer Street
Alexandria, VA 22314
Phone: (703) 549-7600
Fax: (703) 549-7604
Web: opei.mow.org

UL-NY

Underwriters Laboratories, Inc.
1285 Walt Whitman Road
Melville, NY 11747-3081
Phone: (631) 271-6200 x22465
Fax: (631) 439-6021

Initiation of Canvasses

The following ANSI-accredited standards developers have announced their intent to conduct a canvass on the proposed American National Standard(s) listed herein in order to develop evidence of consensus for submittal to ANSI for approval as an American National Standard. Directly and materially affected interests wishing to participate as a member of a canvass list, i.e., consensus body, should contact the sponsor of the standard within 30 days of the publication date of this issue of Standards Action. Please also review the section entitled "American National Standards Maintained Under Continuous Maintenance" contained in Standards Action for information with regard to canvass standards maintained under the continuous maintenance option.

ASME (American Society of Mechanical Engineers)

Office: 3 Park Avenue, 20th Floor
New York, NY 10016

Contact: *Silvana Rodriguez-Bhatti*

Phone: (212) 591-8460

Fax: (212) (212) 591-8501

E-mail: rodriguez@asme.org

ANSI/ASME Y14.40.0-2002, Basic Rules for the Design of Graphical Symbols for Use in the Technical Documentation of Products (national adoption)

IENT (Institute of Environmental Sciences and Technology)

Office: 940 E. Northwest Highway
Mount Prospect, IL 60056-3422

Contact: *Corrie Roesslein*

Phone: (847) 255-1561

Fax: (847) (847) 255-1669

E-mail: croesslein@iest.org

BSR/IENT/ISO 14644-1-200x, Cleanrooms and associated controlled environments - Part 1: Classification of air cleanliness (identical national adoption)

BSR/IENT/ISO 14644-2-200x, Cleanrooms and associated controlled environments - Part 2: Specifications for testing and monitoring to prove continued compliance with IEST/ISO 14644-1:1999 (identical national adoption)

BSR/IENT/ISO 14644-4-200x, Cleanrooms and associated controlled environments - Part 4: Design, construction and start-up (identical national adoption)

VITA (VMEbus International Trade Association (VITA))

Office: PO Box 19658
Fountain Hills, AZ 85269

Contact: *John Rynearson*

Phone: 480-837-7486

Fax: 480-951-0720

E-mail: techdir@vita.com

BSR/VITA 1.5-200x, 2eSST (new standard)

BSR/VITA 31.1-200x, Gigabit Ethernet on VME64x Backplanes (new standard)

BSR/VITA 39-200x, PCI-X Auxiliary Standard for PMCs and Processor PMCs (new standard)

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.

CEA (Consumer Electronics Association)

Office: 2500 Wilson Boulevard
Arlington, VA 22201-3834

Contact: Jean Johnson

Fax: (703) 907-7693

E-mail: jjohnson@ce.org

BSR/CEA 2003-200x, Audiobook CD-MP3 Media and Player Requirements (new standard)

BSR/CEA 2004-200x, Audiobook Media and Player Compatibility (new standard)

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane, P.O.Box 1331
Piscataway, NJ 08855-1331

Contact: Bob Pritchard

Fax: 732-562-1571

E-mail: r.pritchard@ieee.org

BSR C63.7-200x, Guide for Construction of Open-Area Test Sites for Performing Radiated Emission Measurements (revision of ANSI C63.7-1992)

LIA (ASC Z136) (Laser Institute of America)

Office: 13501 Ingenuity Drive, Suite 128
Orlando, FL 32826

Contact: Barbara Sams

Fax: (407) (407) 380-5588

E-mail: bsams@laserinstitute.org

BSR Z136.4-200x, Recommended Practice for Laser Safety Measurements for Hazard Evaluation (new standard)

NEMA (ASC C119) (National Electrical Manufacturers Association)

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

Contact: Vince Baclawski

Fax: (703) (703) 841-3336

E-mail: vin_baclawski@nema.org; jea_french@nema.org

BSR C119.1-200x, Sealed Insulated Underground Connector Systems Rated 600 Volts (revision of ANSI C119.1-2002)

BSR C119.4-200x, Electric Connectors - Connectors for Use between Aluminum-to-Aluminum or Aluminum-to-Copper Bare Overhead Conductors (revision of ANSI C119.4-1998)

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Phillips Road
Exton, PA 19341

Contact: Stephen Oksala

Fax: (610) (610) 363-5898

E-mail: soksala@scte.org

BSR/SCTE DSS 02-17-200x, Proposed ITU-T Recommendation: IPCablecom Call Management Server (CMS) to CMS Signaling Specification (new standard)

BSR/SCTE DSS 02-18-200x, Proposed ITU-T Recommendation: IPCablecom CMS Subscriber Provisioning Specification (new standard)

BSR/SCTE DSS 02-19-200x, IP Feature Package to Enhance Cable Modem (new standard)

BSR/SCTE DSS 02-20-200x, Proposed Implementors' Guide to ITU-T Recommendation J.112 Annex B (new standard)

BSR/SCTE DVS 538-200x, Uni-Directional Receiving Device Standard for Digital Cable (new standard)

BSR/SCTE IPS TP 020-200x, Flexure Method for Drop Cable Conditioning (new standard)

VITA (VMEbus International Trade Association (VITA))

Office: PO Box 19658
Fountain Hills, AZ 85269

Contact: John Rynearson

Fax: 480-951-0720

E-mail: techdir@vita.com

BSR/VITA 1.5-200x, 2eSST (new standard)

BSR/VITA 31.1-200x, Gigabit Ethernet on VME64x Backplanes (new standard)

BSR/VITA 39-200x, PCI-X Auxiliary Standard for PMCs and Processor PMCs (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
- 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 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

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>

ACOUSTICS (TC 43)

ISO/DIS 15712-1, Building acoustics - Estimation of acoustic performance of buildings from the performance of elements - Part 1: Airborne sound insulation between rooms - 3/13/2003, \$88.00

ISO/DIS 15712-2, Building acoustics - Estimation of acoustic performance of buildings from the performance of elements - Part 2: Impact sound insulation between rooms - 3/13/2003, \$68.00

ISO/DIS 15712-3, Building acoustics - Estimation of acoustic performance of buildings from the performance of elements - Part 3: Airborne sound insulation against outdoor sound - 3/13/2003, \$60.00

ISO/DIS 15712-4, Building acoustics - Estimation of acoustic performance of buildings from the performance of elements - Part 4: Transmission of indoor sound to the outside - 3/13/2003, \$56.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 8637, Cardiovascular implants and artificial organs - Haemodialysers, haemodiafilters, haemofilters and haemoconcentrators - 3/20/2003, \$56.00

ISO/DIS 8638, Cardiovascular implants and artificial organs - Extracorporeal blood circuit for haemodialysers, haemodiafilters, haemofilters and haemoconcentrators - 3/20/2003, \$50.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 13381-1, Condition monitoring and diagnostics of machines - Prognostics - Part 1: General guidelines - 3/13/2003, \$50.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 22090-2, Ships and marine technology - Transmitting heading devices (THDs) - Part 2: Geo-magnetic principles - 3/13/2003, \$35.00

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

ISO 8536-1/DAMd1, Infusion equipment for medical use - Part 1: Infusion glass bottles - Amendment 1 - 3/20/2003, \$26.00

Newly Published ISO and IEC Standards



Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization - and IEC - the International Electrotechnical Commission. 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.

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 9216:2002](#), Aerospace - Nuts, hexagonal, slotted (castellated), for pulleys, in alloy steel and cadmium plated or in corrosion-resistant steel and passivated - Dimensions and masses, \$26.00

[ISO 9217:2002](#), Aerospace - Washers, chamfered, with counterbore, for pulleys, in alloy steel and cadmium plated or in corrosion-resistant steel and passivated - Dimensions and masses, \$26.00

[ISO 9218:2002](#), Aerospace - Washers, flat, for pulleys, in alloy steel and cadmium plated or in corrosion-resistant steel and passivated - Dimensions and masses, \$24.00

[ISO 9219:2002](#), Aerospace - Bolts, thin hexagonal head, for pulleys, close tolerance shank, short thread, in alloy steel and cadmium plated or in titanium alloy and MoS₂ lubricated or in corrosion-resistant steel and passivated - Dimensions and masses, \$26.00

[ISO 14302:2002](#), Space systems - Electromagnetic compatibility requirements, \$84.00

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

[ISO 10993-12:2002](#), Biological evaluation of medical devices - Part 12: Sample preparation and reference materials, \$46.00

FIRE SAFETY (TC 92)

[ISO 5660-2:2002](#), Reaction-to-fire tests - Heat release, smoke production and mass loss rate - Part 2: Smoke production rate (dynamic measurement), \$42.00

[ISO 9239-2:2002](#), Reaction to fire tests for floorings - Part 2: Determination of flame spread at a heat flux level of 25 kW/m², \$54.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

[ISO 13679:2002](#), Petroleum and natural gas industries - Procedures for testing casing and tubing connections, \$124.00

[ISO 15761:2002](#), Steel gate, globe and check valves for sizes DN 100 and smaller, for the petroleum and natural gas industries, \$76.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 10934-1:2002](#), Optics and optical instruments - Vocabulary for microscopy - Part 1: Light microscopy, \$110.00

PALLETS FOR UNIT LOAD METHOD OF MATERIALS HANDLING (TC 51)

[ISO 18333:2002](#), Pallets for materials handling - Quality of new wooden components for flat pallets, \$30.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 2909:2002](#), Petroleum products - Calculation of viscosity index from kinematic viscosity, \$35.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

[ISO 14531-1:2002](#), Plastics pipes and fittings - Crosslinked polyethylene (PE-X) pipe systems for the conveyance of gaseous fuels - Metric series Specifications - Part 1: Pipes, \$60.00

PLASTICS (TC 61)

[ISO 4586-1/Amd3:2002](#), Plastics - Decorative laminated sheets based on thermosetting resins - Part 1: Specification - Amendment 3: Lightfastness, \$20.00

[ISO 4586-2/Amd7:2002](#), Stain resistance and cleanability, \$26.00

[ISO 4586-2/Amd8:2002](#), Dimensional stability, \$26.00

[ISO 4586-2/Amd3:2002](#), Plastics - Decorative laminated sheets based on thermosetting resins - Part 2: Determination of properties - Amendment 3: Lightfastness, \$26.00

ROAD VEHICLES (TC 22)

[ISO 15037-2:2002](#), Road vehicles - Vehicle dynamics test methods - Part 2: General conditions for heavy vehicles and buses, \$50.00

[ISO 16183:2002](#), Heavy duty engines - Measurement of gaseous emissions from raw exhaust gas and of particulate emissions using partial flow dilution systems under transient test conditions, \$94.00

SOIL QUALITY (TC 190)

[ISO 16072:2002](#), Soil quality - Laboratory methods for determination of microbial soil respiration, \$54.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO 14817:2002](#), Transport information and control systems - Requirements for an ITS/TICS central Data Registry and ITS/TICS Data Dictionaries, \$110.00

WELDING AND ALLIED PROCESSES (TC 44)

[ISO 9455-17:2002](#), Soft soldering fluxes - Test methods - Part 17: Surface insulation resistance comb test and electrochemical migration test of flux residues, \$56.00

ISO Technical Reports

GAS CYLINDERS (TC 58)

[ISO/TR 12391-2:2002](#), Gas cylinders - Refillable seamless steel - Performance tests - Part 2: Fracture performance tests - Monotonic burst tests, \$116.00

[ISO/TR 12391-3:2002](#), Gas cylinders - Refillable seamless steel - Performance tests - Part 3: Fracture performance tests - Cyclical burst tests, \$84.00

[ISO/TR 12391-4:2002](#), Gas cylinders - Refillable seamless steel - Performance tests - Part 4: Flawed-cylinder cycle test, \$56.00

ISO Technical Specifications

FIRE SAFETY (TC 92)

[ISO/TS 14934-1:2002](#), Reaction-to-fire tests - Calibration and use of radiometers and heat flux meters - Part 1: General principles, \$54.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 8825-2/Cor3:2002](#), Information technology - ASN.1 encoding rules: Specification of Packed Encoding Rules (PER) - Corrigendum, FREE

[ISO/IEC 9945-1:2002](#), Information technology - Portable Operating System Interface (POSIX) - Part 1: Base Definitions, \$50.00

[ISO/IEC 9945-2:2002](#), Information technology - Portable Operating System Interface (POSIX) - Part 2: System Interfaces, \$50.00

[ISO/IEC 9945-3:2002](#), Information technology - Portable Operating System Interface (POSIX) - Part 3: Shell and Utilities, \$50.00

[ISO/IEC 9945-4:2002](#), Information technology - Portable Operating System Interface (POSIX) - Part 4: Rationale, \$50.00

[ISO/IEC 10164-15:2002](#), Information technology - Open Systems Interconnection - Systems management: Scheduling function, \$76.00

[ISO/IEC 11801/Cor1:2002](#), Information technology - Generic cabling for customer premises - Corrigendum, FREE

[ISO/IEC 11801/Cor2:2002](#), Information technology - Generic cabling for customer premises - Corrigendum, FREE

[ISO/IEC 14772-1:1997](#), Information technology - Computer graphics and image processing - The Virtual Reality Modeling Language - Part 1: Functional specification and UTF-8 encoding, \$152.00

[ISO/IEC 18014-2:2002](#), Information technology - Security techniques - Time-stamping services - Part 2: Mechanisms producing independent tokens, \$64.00

[ISO/IEC 23289:2002](#), Information technology - Telecommunications and information exchange between systems - Corporate telecommunication networks Signalling interworking between QSIG and H.323 Basic services, \$76.00

[ISO/IEC 23290:2002](#), Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network Mapping functions for the tunnelling of QSIG through H.323 networks, \$54.00

ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 15938-8:2002](#), Information technology - Multimedia content description interface - Part 8: Extraction and use of MPEG-7 descriptions, \$178.00

IEC Standards

ALL-OR-NOTHING ELECTRICAL RELAYS (TC 94)

[IEC 61811-10 Ed. 1.0 en:2002](#), Electromechanical elementary relays of assessed quality - Part 10: Sectional specification - Relays for industrial application, \$30.00

[IEC 61811-11 Ed. 1.0 en:2002](#), Electromechanical elementary relays of assessed quality - Part 11: Blank detail specification - Relays for industrial application, \$28.00

AUTOMATIC CONTROLS FOR HOUSEHOLD USE (TC 72)

[IEC 60730-2-8 Amd.1 Ed. 2.0 b:2002](#), Amendment 1, \$20.00

DESIGN AUTOMATION (TC 93)

[IEC 62014-3 TR Ed. 1.0 en:2002](#), Electronic design automation libraries - Part 3: Models of integrated circuits for EMI behavioural simulation, \$22.00

[IEC 62248 TR Ed. 1.0 en:2002](#), Approaches to conformance and certification testing for automation standards, \$20.00

ELECTRIC TRACTION EQUIPMENT (TC 9)

[IEC 60494-1 Ed. 1.0 b:2002](#), Railway applications - Rolling stock - Pantographs - Characteristics and tests - Part 1: Pantographs for mainline vehicles, \$62.00

ELECTRICAL ACCESSORIES (TC 23)

[IEC 60670-1 Ed. 1.0 b:2002](#), Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 1: General requirements, \$98.00

[IEC 60998-1 Ed. 2.0 b:2002](#), Connecting devices for low-voltage circuits for household and similar purposes - Part 1: General requirements, \$58.00

[IEC 61009-1 Amd.1 Ed. 2.0 b:2002](#), Amendment 1, \$25.00

[IEC 62019 Amd.1 Ed. 1.0 b:2002](#), Amendment 1, \$25.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC 60601-2-26 Ed. 2.0 en:2002](#), Medical electrical equipment - Part 2-26: Particular requirements for the safety of electroencephalographs, \$28.00

[IEC 60601-2-44 Ed. 2.1 en:2002](#), Medical electrical equipment - Part 2-44: Particular requirements for the safety of X-ray equipment for computed tomography, \$50.00

ELECTRICAL INSTALLATIONS FOR THE LIGHTING AND BEACONING OF AERODROMES (TC 97)

[IEC 61823 Ed. 1.0 en:2002](#), Electrical installations for lighting and beaconing of aerodromes - AGL series transformers, \$30.00

ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

[IEC 60364-7-710 Ed. 1.0 b:2002](#), Electrical installations of buildings - Part 7-710: Requirements for special installations or locations - Medical locations, \$50.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

[IEC 61000-2-8 TR Ed. 1.0 b:2002](#), Electromagnetic compatibility (EMC) - Part 2-8: Environment - Voltage dips and short interruptions on public electric power supply systems with statistical measurement results, \$86.00

ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)

[IEC 61076-4-113 Ed. 1.0 en:2002](#), Connectors for electronic equipment - Printed board connectors - Part 4-113: Detail specification for two-part connectors having 5 rows with a grid of 2,54 mm for printed boards and backplanes in bus applications, \$50.00

FIBRE OPTICS (TC 86)

[IEC 60793-1-1 Ed. 2.0 b:2002](#), Optical fibres - Part 1-1: Measurement methods and test procedures - General and guidance, \$32.00

[IEC 61290-10-3 Ed. 1.0 en:2002](#), Optical amplifiers - Test methods - Part 10-3: Multichannel parameters - Probe methods, \$25.00

[IEC 61300-2-5 Ed. 2.0 en:2002](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-5: Tests - Torsion/twist, \$18.00

FIRE HAZARD TESTING (TC 89)

[IEC 60695-5-1 Ed. 2.0 b:2002](#), Fire hazard testing - Part 5-1: Corrosion damage effects of fire effluent - General guidance, \$45.00

INSTRUMENT TRANSFORMERS (TC 38)

[IEC 60044-2 Amd.2 Ed. 1.0 b:2002](#), Amendment 2, \$22.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 60064 Amd.2 Ed. 6.0 b:2002](#), Amendment 2, \$30.00

[IEC 60238 Ed. 7.2 b:2002](#), Edison screw lampholders, \$115.00

[IEC 60357 Ed. 3.0 b:2002](#), Tungsten halogen lamps (non vehicle) - Performance specifications, \$140.00

[IEC 60598-2-3 Ed. 3.0 b:2002](#), Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting, \$40.00

[IEC 60630 Amd.4 Ed. 2.0 b:2002](#), Amendment 4, \$30.00

[IEC 60662 Ed. 1.1 b:2002](#), High-pressure sodium vapour lamps, \$150.00

MAGNETIC COMPONENTS AND FERRITE MATERIALS (TC 51)

[IEC 60401-1 Ed. 1.0 b:2002](#), Terms and nomenclature for cores made of magnetically soft ferrites - Part 1: Terms used for physical irregularities, \$50.00

POWER CAPACITORS (TC 33)

[IEC 60831-1 Ed. 2.1 b:2002](#), Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1000 V - Part 1: General - Performance, testing and rating - Safety requirements - Guide for installation and operation, \$78.00

ROTATING MACHINERY (TC 2)

[IEC 61972 Ed. 1.0 b:2002](#), Method for determining losses and efficiency of three-phase cage induction motors, \$50.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-16 Ed. 5.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-16: Particular requirements for food waste disposers, \$20.00

[IEC 60335-2-38 Ed. 5.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-38: Particular requirements for commercial electric griddles and griddle grills, \$30.00

[IEC 60335-2-39 Ed. 5.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans, \$28.00

[IEC 60335-2-40 Ed. 4.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers, \$50.00

[IEC 60335-2-42 Ed. 5.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens, \$32.00

[IEC 60335-2-47 Ed. 4.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-47: Particular requirements for commercial electric boiling pans, \$30.00

[IEC 60335-2-48 Ed. 4.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-48: Particular requirements for commercial electric grillers and toasters, \$25.00

[IEC 60335-2-49 Ed. 4.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric hot cupboards, \$28.00

[IEC 60335-2-50 Ed. 4.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie, \$28.00

[IEC 60335-2-54 Ed. 3.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam, \$28.00

[IEC 60335-2-55 Ed. 3.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds, \$22.00

[IEC 60335-2-58 Ed. 3.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-58: Particular requirements for commercial electric dishwashing machines, \$40.00

[IEC 60335-2-60 Ed. 3.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-60: Particular requirements for whirlpool baths, \$22.00

[IEC 60335-2-62 Ed. 3.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-62: Particular requirements for commercial electric rinsing sinks, \$25.00

[IEC 60335-2-64 Ed. 3.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines, \$36.00

[IEC 60335-2-75 Ed. 2.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines, \$36.00

[IEC 60335-2-78 Ed. 2.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-78: Particular requirements for outdoor barbecues, \$20.00

[IEC 60335-2-82 Ed. 2.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines, \$28.00

[IEC 60335-2-84 Ed. 2.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-84: Particular requirements for toilets, \$25.00

[IEC 60335-2-85 Ed. 2.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-85: Particular requirements for fabric steamers, \$22.00

[IEC 60335-2-95 Ed. 2.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use, \$28.00

[IEC 60335-2-97 Ed. 2.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for rolling shutters, awnings, blinds and similar equipment, \$25.00

[IEC 60335-2-98 Ed. 2.0 en:2002](#), Household and similar electrical appliances - Safety - Part 2-98: Particular requirements for humidifiers, \$22.00

SECONDARY CELLS AND BATTERIES (TC 21)

[IEC 60896-11 Ed. 1.0 b:2002](#), Stationary lead-acid batteries - Part 11: Vented types - General requirements and methods of tests, \$50.00

[IEC 61044 TR Ed. 2.0 b:2002](#), Opportunity-charging of lead-acid traction batteries, \$30.00

SEMICONDUCTOR DEVICES (TC 47)

[IEC 60749-18 Ed. 1.0 b:2002](#), Semiconductor devices - Mechanical and climatic test methods - Part 18: Ionizing radiation (total dose), \$36.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

[IEC 61192-4 Ed. 1.0 b:2002](#), Workmanship requirements for soldered electronic assemblies - Part 4: Terminal assemblies, \$62.00

[IEC 62090 Ed. 1.0 b:2002](#), Product package labels for electronic components using bar code and two-dimensional symbologies, \$86.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

[IEC 62208 Ed. 1.0 b:2002](#), Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements, \$55.00

WIND TURBINE GENERATOR SYSTEMS (TC 88)

[IEC 61400-11 Ed. 2.0 en:2002](#), Wind turbine generator systems - Part 11: Acoustic noise measurement techniques, \$55.00

IEC Technical Specifications

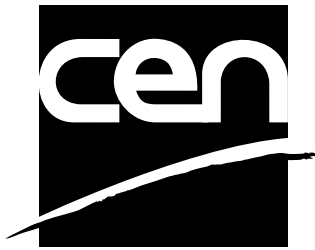
ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

[IEC 60079-27 TS Ed. 1.0 b:2002](#), Electrical apparatus for explosive gas atmospheres - Part 27: Fieldbus intrinsically safe concept (FISCO), \$28.00

FIRE HAZARD TESTING (TC 89)

[IEC 60695-1-40 TS Ed. 1.0 b:2002](#), Fire hazard testing - Part 1-40: Guidance for assessing the fire hazard of electrotechnical products - Insulating liquids, \$62.00

CEN/CENELEC Standards Activity



**Competitive Excellence Through
Standardization Technology**

This section provides information on standards activity within CEN - the European Committee for Standardization - and CENELEC - the European Committee for Electrotechnical Standardization. CEN and CENELEC are composed of European member bodies whose countries cooperate within the European Economic Community (Common Market) and the European Free Trade Association (EFTA). Their primary purpose is to develop standards needed to harmonize European interests and prevent technical barriers. Both CEN and CENELEC are committed to adopting standards developed by ISO and IEC wherever possible.

ANSI is publishing this information to give U.S. interests an opportunity to obtain information, and to comment on proposed European Standards and/or Harmonization Documents being circulated for enquiry. Anyone interested in obtaining this information, and/or commenting on proposals should order copies from ANSI.

Comments regarding CEN are to be sent to Henrietta Scully at ANSI's New York offices. Comments regarding CENELEC are to be sent to Charles T. Zegers, also at ANSI's New York offices.

Ordering Instructions

ENs are currently available via ANSI's ESS (Electronic Standards Store), accessed at www.ansi.org.

prENs can be made available via ANSI's ESS "on-demand" via e-mail request. Send your request for a prEN to be made available via the ESS to Customer Service at sales@ansi.org and the document will be posted to the ESS within 3 working days. Please be ready to provide the date of the Standards Action issue in which the prEN document you are requesting appears.

CEN

European drafts sent for CEN enquiry

The following European drafts have been sent to CEN members for enquiry and comment. If the draft is a proposed adoption of an International Standard, it is so noted. The final date for offering comments is listed after each proposal.

prEN 71-9, Safety of toys - Part 9: Organic chemical compounds - Requirements (Referred to as Part Y) - 5/5/2003, \$42.00

prEN 71-10, Safety of toys - Part 10: Organic chemical compounds - Sample preparation and extraction (Referred to as Part X) - 5/5/2003, \$50.00

prEN 74-1, Couplers, spigot pins and baseplates for use in falsework and scaffolds - Part 1: Couplers for tubes - Requirements and test procedures - 5/5/2003, \$60.00

prEN 365 REVIEW, Personal protective equipment and other equipment for protection against falls from a height - General requirements for instructions for use, maintenance, periodical examination, repair, marking and packaging - 3/12/2003, \$30.00

prEN 881 REVIEW, Chemicals used for treatment of water intended for human consumption - Aluminium chloride (monomeric), aluminium chloride hydroxide (monomeric) aluminium chloride hydroxide sulfate (monomeric) - 5/12/2003, \$46.00

prEN 882 REVIEW, Chemicals used for treatment of water intended for human consumption - Sodium aluminate - 5/12/2003, \$46.00

prEN 883 REVIEW, Chemicals used for treatment of water intended for human consumption - Polyaluminium chloride hydroxyde and polyaluminium chloride hydroxyde sulfate - 5/12/2003, \$46.00

prEN 888 REVIEW, Chemicals used for treatment of water intended for human consumption - Iron (III) chloride - 5/12/2003, \$72.00

prEN 889 REVIEW, Chemicals used for treatment of water intended for human consumption - Iron (II) sulfate - 5/12/2003, \$60.00

prEN 890 REVIEW, Chemicals used for treatment of water intended for human consumption - Iron (III) sulfate - 5/12/2003, \$72.00

prEN 1360 REVIEW, Rubber and hose assemblies for measured fuel dispensing - Specification - 5/12/2003, \$46.00

prEN 1469, Natural stone products - Cladding - Requirements - 3/5/2003, \$56.00

prEN 12057, Natural stone products - Modular tiles - Requirements - 3/5/2003, \$60.00

prEN 12058, Natural stone products - Slabs for floors and stairs - Requirements - 3/5/2003, \$56.00

prEN 12312-20, Aircraft ground support equipment - Specific requirements - Part 20: Ground power equipment - 5/5/2003, \$35.00

prEN 12902 REVIEW, Products used for treatment of water intended for human consumption - Inorganic supporting and filtering materials - Methods of test - 5/12/2003, \$60.00

prEN 13284-2, Stationary source emissions - Determination of low range mass concentration of dust - Part 2: Automated measuring systems - 5/5/2003, \$84.00

prEN 13483, Hoses and hose assemblies with internal vapour recovery for measured fuel dispensing systems - Specification - 2/12/2003, \$56.00

prEN 13547, Industrial valves - Copper alloy ball valves - 1/5/2003, \$50.00

prEN 14502-2, Cranes - Equipment for the lifting of persons - Part 2: Elevating control stations - 5/5/2003, \$56.00

prEN 14597, Temperature control devices and temperature limiters for heat generating systems (central heating systems) - 5/5/2003, \$64.00

prEN 14598-1, Reinforced thermosetting moulding compounds - Specification for Sheet Moulding Compound (SMC) and Bulk Moulding Compound (BMC) - Part 1: Designation - 5/5/2003, \$35.00

prEN 14598-2, Reinforced thermosetting moulding compounds - Specification for Sheet Moulding Compound (SMC) and Bulk Moulding Compound (BMC) - Part 2: Methods of test and general requirements - 5/5/2003, \$35.00

- prEN 14598-3, Reinforced thermosetting moulding compounds - Specification for Sheet Moulding Compound (SMC) and Bulk Moulding Compound (BMC) - Part 3: Specific requirements - 5/5/2003, \$50.00
- prEN 14601, Railway applications - Straight and angled end cocks for brake pipe and main reservoir pipe - 5/12/2003, \$54.00
- prEN 14602, Footwear - Test methods for the assessment of ecological criteria - 5/12/2003, \$35.00
- prEN ISO 286-1 REVIEW, Geometrical product specifications (GPS) - ISO coding system for tolerances of linear sizes - Part 1: Bases of tolerances and fits (ISO/FDIS 286-1: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-1, Glass containers - Vacuum lug finishes - Part 1: Dimensions (ISO/DIS 9100-1: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-2, Glass containers - Vacuum lug finishes - Part 2: 33 medium (ISO/DIS 9100-2: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-3, Glass containers - Vacuum lug finishes - Part 3: 38 regular (ISO/DIS 9100-3: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-4, Glass containers - Vacuum lug finishes - Part 4: 38 medium (ISO/DIS 9100-4: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-5, Glass containers - Vacuum lug finishes - Part 5: 43 and 48 regular (ISO/DIS 9100-5: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-6, Glass containers - Vacuum lug finishes - Part 6: 53 and 58 regular (ISO/DIS 9100-6: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-7, Glass containers - Vacuum lug finishes - Part 7: 58 deep (ISO/DIS 9100-7: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-8, Glass containers - Vacuum lug finishes - Part 8: 63, 66 and 70 regular (ISO/DIS 9100-8: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-9, Glass containers - Vacuum lug finishes - Part 9: 63, 66 and 70 deep (ISO/DIS 9100-9: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-10, Glass containers - Vacuum lug finishes - Part 10: 77 regular (ISO/DIS 9100-10: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-11, Glass containers - Vacuum lug finishes - Part 11: 82 regular (ISO/DIS 9100-11: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-12, Glass containers - Vacuum lug finishes - Part 12: 89 regular (ISO/DIS 9100-12: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-13, Glass containers - Vacuum lug finishes - Part 13: 100 regular (ISO/DIS 9100-13: 2002) - 4/5/2003, \$20.00
- prEN ISO 9100-14, Glass containers - Vacuum lug finishes - Part 14: 110 regular (ISO/DIS 9100-14: 2002) - 4/5/2003, \$20.00
- prEN ISO 9832 REVIEW, Animal and vegetable fats and oils - Determination of residual technical hexane content (ISO 9832: 2002) - 5/5/2003, \$20.00
- prEN ISO 10427-2, Petroleum and natural gas industries - Equipment for well cementing - Part 2: Centralizer placement and stop-collar testing (ISO/DIS 10427-2: 2002) - 4/5/2003, \$20.00
- prEN ISO 10548 REVIEW, Carbon fibre - Determination of size content (ISO 10548: 2002) - 3/5/2003, \$20.00
- prEN ISO 11641, Leather - Tests for colour fastness - Colour fastness to perspiration (ISO 11641: 1993) - 5/5/2003, \$20.00
- prEN ISO 11644, Leather - Tests for adhesion of finish (ISO 11644: 1993) - 5/5/2003, \$20.00
- prEN 13062, Products and systems for the protection and repair of concrete structures - Test method - Determination of thixotropy of products for protection of reinforcement
- prEN 13481-7, Railway applications - Track - Performance requirements for fastening systems - Part 7: Special fastening systems for switches and crossing and check rails
- prEN 13698-1, Pallet product specification - Part 1: Construction specification for 800 mm x 1200 mm flat wooden pallets
- prEN 13698-2, Pallet product specification - Part 2: Construction specification for 1000 mm x 1200 mm flat wooden pallets
- prEN 13854, Manufactured articles solely filled with feather and down - Requirements for upholstered parts and cushions
- prEN 13855-1, Manufactured articles solely filled with feathers and down - Measurement of thickness and compressibility of cushions - Part 1: Test method by rotation
- prEN 13855-2, Manufactured articles solely filled with feathers and down - Measurement of thickness and compressibility of cushions - Part 1: Test method by oscillation
- prEN 13892-5, Methods of test for screed materials - Part 5: Determination of wear resistance to rolling wheel of screed material for wearing layer
- prEN 13892-7, Methods of test for screed materials - Part 7: Determination of wear resistance to rolling wheel of screed material for floor coverings
- prEN 14122, Foodstuffs - Determination of vitamin B1 by HPLC
- prEN ISO 6789 REVIEW, Assembly tools for screws and nuts - Hand torque tools - Requirements and test methods for design conformance testing, quality conformance testing and recalibration procedure (ISO/FDIS 6789: 2002)
- prEN ISO 13849-2, Safety of machinery - Safety-related parts of control systems - Part 2: Validation (ISO/FDIS 13849-2: 2002)
- prEN ISO 15927-1, Hygrothermal performance of buildings - Calculation and presentation of climatic data - Part 1: Monthly means of single meteorological elements (ISO/FDIS 15927-1: 2002)
- prEN ISO 17287, Road vehicles - Ergonomic aspects of transport information and control systems - Procedure for assessing suitability for use while driving (ISO/FDIS 17287: 2002)
- prEN ISO 18279, Brazing - Imperfections in brazed joints (ISO/FDIS 18279: 2002)

European drafts sent for formal vote (for information)

The following European drafts have been sent to CEN members for formal vote. If the draft is a proposed adoption of an International Standard, it is so noted.

- prEN 562 REVIEW, Gas welding equipment - Pressure gauges used in welding, cutting and allied processes
- prEN 10319-1, Metallic materials - Tensile stress relaxation testing - Part 1: Procedure for testing machines
- prEN 12697-37, Bituminous mixtures - Test methods for hot mix asphalt - Part 37: Hot sand test for the adhesivity of binder on precoated chippings for HRA

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

Misys Hospital Systems, Inc. d/b/a Misys Healthcare Systems

Organization: Misys Healthcare Systems
4801 E. Broadway
Tucson, AZ 85711
Contact: Michael Buchanan
PHONE: 520-570-2000; FAX: 520-733-6707
E-mail: Michael.buchanan@misyshealthcare.com

Public review: November 18, 2002 to February 16, 2003

Novasonics

Public review: September 23, 2002 to December 22, 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

Accredited Organizations

Approval of Maintenance of Accreditation

American Dental Association (ADA)

The Executive Standards Council has approved the maintenance of the American Dental Association's accreditation under its original date of approval, March 10, 2002, using revised operating procedures under the Organization Method of developing consensus. This action is taken, effective December 13, 2002. For additional information, please contact: Ms. Sharon Stanford, Director, Standards Administration, American Dental Association, 211 East Chicago Avenue, Chicago, IL 60611-2678; PHONE: (312) 440-2509; FAX: (312) 440-2529; E-mail: stanfords@ada.org.

Approval of Reaccreditation

American Concrete Institute (ACI)

The Executive Standards Council (ExSC) has approved the reaccreditation of the American Concrete Institute (ACI) using the 1999 revised version of its operating procedures and incorporating additional language requested by the ExSC, under the Organization Method of developing consensus, effective December 9, 2002. For additional information, please contact: Mr. Todd Watson, Manager of Technical Documents, American Concrete Institute, Engineering Department, 38800 Country Club Drive, Farmington Hills, MI 48331; PHONE: (248) 848-3728; FAX: (248) 848-3720; E-mail: Todd.Watson@concrete.org.

International Organization for Standardization (ISO)

Call for Secretariat

ISO/TC 44/SC 3 - Welding consumables

Comment Deadline: January 20, 2003

ANSI has been advised that Sweden (SIS) is relinquishing the Secretariat of ISO/TC 44/SC 3.

The scope of ISO/TC 44 as follows:

Standardization of welding, by all processes, as well as allied processes; these standards include terminology, definitions and the symbolic representation of welds on drawings, apparatus and equipment for welding, raw materials (gas, parent and filler metals) welding processes and rules, methods of test and control, calculations and design of welded assemblies, welders' qualifications, as well as safety and health.

Excluded: Electrical safety matters related to welding which are the responsibility of IEC /TC 26.

Any organization wishing to assume the role of US delegated Secretariat, please contact Henrietta Scully via email: hscully@ansi.org; mail: c/o ANSI, 25 West 43rd Street, New York, NY 10036; or fax to (212) 730-1346 by January 20, 2003.

U.S. Technical Advisory Groups

Request for Approval of TAG Administrator

ISO/TC 96 - Cranes

Comment Deadline: January 20, 2003

ASME International has submitted revised operating procedures and a request for approval as TAG Administrator for the U.S. Technical Advisory Group to ISO/TC 96, Cranes. SAE International, the former TAG Administrator, recently relinquished these responsibilities.

For additional information, or to offer comments, please contact: Mr. Joseph Wendler, Senior Engineering Administrator, ASME International, Three Park Avenue, New York, NY 10016-5990; PHONE: (212) 591-8524; FAX: (212) 591-8501; E-mail: wendlerj@asme.org. Please submit your comments to ASME by January 20, 2003, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org). As the revisions are available electronically, the public review period is 30 days. You may view or download a copy of the revised TAG operating procedures from ANSI Online during the public review period at the following URL: http://www.ansi.org/public/library/sd_revise/default.htm.

Meeting Notices

AMT - The Association for Manufacturing Technology

B11.10 Subcommittee - Metal Cutting Saws

The B11.10 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Thursday and Friday, January 9-10, 2003 in Benicia, California. The B11 Committee is an ANSI Accredited Standards Committee on machine tool safety, and the B11.10 Subcommittee deals with metal cutting saws.

The purpose of this meeting is to continue draft revision work on an American National Standard. This meeting is open to anyone with an interest in safety and safe use of machine tool safeguards, and who wishes to participate in standards development. Please contact Deedra Sights at AMT (703) 827-5266 or e-mail: dsights@amtonline.org for details on meeting location and reservations information.

B11 Accredited Standards Committee Meeting

The B11 Accredited Standards Committee (ANSI B11 ASC) will hold its semi-annual meeting on Monday and Tuesday, January 20-21, 2003 in Las Vegas, Nevada. The B11 Committee is an ANSI Accredited Standards Committee on machine tool safety, and the purpose of this meeting is to discuss ongoing issues and the business of the B11 ASC. This meeting is open to anyone with an interest in safety and the safe use of machine tools, however, any voting will be restricted to full members of this Committee. Please contact: Deedra Sights at AMT (703) 827-5266 or e-mail: dsights@amtonline.org for details on meeting location and reservations information.

B11.20 Subcommittee - Integrated Manufacturing Systems

The B11.20 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Wednesday and Thursday, January 22-23, 2003 in Las Vegas, Nevada. The B11 Committee is an ANSI Accredited Standards Committee on machine tool safety, and the B11.20 Subcommittee deals with the performance requirements for integrated manufacturing systems (previously, manufacturing systems/cells).

The purpose of this meeting is to continue draft revision work on an American National Standard. This meeting is open to anyone with an interest in safety and safe use of machine tool safeguards, and who wishes to participate in standards development. Please contact Deedra Sights at AMT (703)

827-5266 or e-mail: dsights@amtonline.org for details on meeting location and reservations information.

B11.TR1 Subcommittee - Ergonomics

The B11.TR1 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Monday and Tuesday, February 3-4, 2003 in the Ft. Myers/Naples area of Florida. The B11 Committee is an ANSI Accredited Standards Committee on machine tool safety, and the B11.TR1 Subcommittee deals with ergonomic guidelines for the design, installation and use of machine tools.

The purpose of this meeting is to continue draft revision work on an ANSI Technical Report. This meeting is open to anyone with an interest in safety and safe use of machine tool safeguards, and who wishes to participate in standards development. Please contact Deedra Sights at AMT (703) 827-5266 or e-mail: dsights@amtonline.org for details on meeting location and reservations information.

Standards Action Weekly Publishing Schedule for 2003

VOL 34	ASD submits Data to PSA		SA Publish and Public Review		
	Issue	ASD submit start (Tuesday)	ASD submit end (Monday)	SA Publish (Friday)	45 Day PR Ends
1	12/17/2002	12/23/2002	1/3/2003	2/17/2003	3/4/2003
2	12/24/2002	12/30/2002	1/10/2003	2/24/2003	3/11/2003
3	12/31/2002	1/6/2003	1/17/2003	3/3/2003	3/18/2003
4	1/7/2003	1/13/2003	1/24/2003	3/10/2003	3/25/2003
5	1/14/2003	1/20/2003	1/31/2003	3/17/2003	4/1/2003
6	1/21/2003	1/27/2003	2/7/2003	3/24/2003	4/8/2003
7	1/28/2003	2/3/2003	2/14/2003	3/31/2003	4/15/2003
8	2/4/2003	2/10/2003	2/21/2003	4/7/2003	4/22/2003
9	2/11/2003	2/17/2003	2/28/2003	4/14/2003	4/29/2003
10	2/18/2003	2/24/2003	3/7/2003	4/21/2003	5/6/2003
11	2/25/2003	3/3/2003	3/14/2003	4/28/2003	5/13/2003
12	3/4/2003	3/10/2003	3/21/2003	5/5/2003	5/20/2003
13	3/11/2003	3/17/2003	3/28/2003	5/12/2003	5/27/2003
14	3/18/2003	3/24/2003	4/4/2003	5/19/2003	6/3/2003
15	3/25/2003	3/31/2003	4/11/2003	5/26/2003	6/10/2003
16	4/1/2003	4/7/2003	4/18/2003	6/2/2003	6/17/2003
17	4/8/2003	4/14/2003	4/25/2003	6/9/2003	6/24/2003
18	4/15/2003	4/21/2003	5/2/2003	6/16/2003	7/1/2003
19	4/22/2003	4/28/2003	5/9/2003	6/23/2003	7/8/2003
20	4/29/2003	5/5/2003	5/16/2003	6/30/2003	7/15/2003
21	5/6/2003	5/12/2003	5/23/2003	7/7/2003	7/22/2003
22	5/13/2003	5/19/2003	5/30/2003	7/14/2003	7/29/2003
23	5/20/2003	5/26/2003	6/6/2003	7/21/2003	8/5/2003
24	5/27/2003	6/2/2003	6/13/2003	7/28/2003	8/12/2003
25	6/3/2003	6/9/2003	6/20/2003	8/4/2003	8/19/2003
26	6/10/2003	6/16/2003	6/27/2003	8/11/2003	8/26/2003
27	6/17/2003	6/23/2003	7/4/2003	8/18/2003	9/2/2003
28	6/24/2003	6/30/2003	7/11/2003	8/25/2003	9/9/2003
29	7/1/2003	7/7/2003	7/18/2003	9/1/2003	9/16/2003
30	7/8/2003	7/14/2003	7/25/2003	9/8/2003	9/23/2003
31	7/15/2003	7/21/2003	8/1/2003	9/15/2003	9/30/2003

32	7/22/2003	7/28/2003	8/8/2003	9/22/2003	10/7/2003
33	7/29/2003	8/4/2003	8/15/2003	9/29/2003	10/14/2003
34	8/5/2003	8/11/2003	8/22/2003	10/6/2003	10/21/2003
35	8/12/2003	8/18/2003	8/29/2003	10/13/2003	10/28/2003
36	8/19/2003	8/25/2003	9/5/2003	10/20/2003	11/4/2003
37	8/26/2003	9/1/2003	9/12/2003	10/27/2003	11/11/2003
38	9/2/2003	9/8/2003	9/19/2003	11/3/2003	11/18/2003
39	9/9/2003	9/15/2003	9/26/2003	11/10/2003	11/25/2003
40	9/16/2003	9/22/2003	10/3/2003	11/17/2003	12/2/2003
41	9/23/2003	9/29/2003	10/10/2003	11/24/2003	12/9/2003
42	9/30/2003	10/6/2003	10/17/2003	12/1/2003	12/16/2003
43	10/7/2003	10/13/2003	10/24/2003	12/8/2003	12/23/2003
44	10/14/2003	10/20/2003	10/31/2003	12/15/2003	12/30/2003
45	10/21/2003	10/27/2003	11/7/2003	12/22/2003	1/6/2004
46	10/28/2003	11/3/2003	11/14/2003	12/29/2003	1/13/2004
47	11/4/2003	11/10/2003	11/21/2003	1/5/2004	1/20/2004
48	11/11/2003	11/17/2003	11/28/2003	1/12/2004	1/27/2004
49	11/18/2003	11/24/2003	12/5/2003	1/19/2004	2/3/2004
50	11/25/2003	12/1/2003	12/12/2003	1/26/2004	2/10/2004
51	12/2/2003	12/8/2003	12/19/2003	2/2/2004	2/17/2004
52	12/9/2003	12/15/2003	12/26/2003	2/9/2004	2/24/2004
1	12/16/2003	12/22/2003	1/2/2004	2/16/2004	3/2/2004
2	12/23/2003	12/29/2003	1/9/2004	2/23/2004	3/9/2004
3	12/30/2003	1/5/2004	1/16/2004	3/1/2004	3/16/2004