



INFO UPDATE

Communications/Information

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Info Update is published by the Canadian Standards Association (CSA) eight times a year. It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards. It also gives you highlights of other activities and services.

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What you'll find

Within each program, information is organized into the following sections:

Completed Projects / Projets terminés

▼ **New Standards – New Editions – Special Publications**

This section lists new standards, new editions (including adoptions), and special publications that have been published since the last issue of *Info Update*. To place your order call 1-800-463-6727 or visit our Online Store at <http://www.csa.ca>. Prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges. Our office locations are listed at the end of this document.

▼ **Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français**

Cette section énumère les nouvelles normes et éditions (y compris les normes adoptées) ainsi que les publications spéciales qui ont paru depuis la dernière livraison du bulletin Info-Update. Pour commander, composez le 1 800 463-6727 ou visitez notre Boutique en ligne, au <http://www.csa.ca>. Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition. La liste de nos bureaux est présentée à la fin de ce document.

▼ **Amendments**

Amendments are issued periodically for some standards. This section lists amendments that have been published since the last issue of *Info Update*. Most amendments are made available to the purchaser free of charge by returning the update notification card included in the standard or registering online for the update service through the Online Store at <http://www.csa.ca> and clicking on "My Account" on the navigation bar. Amendments developed by other standards development organizations, and adopted by CSA are made available for a fee. The prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges.

▼ **Modifications publiées en français**

Dans le cas de certaines normes, des modifications sont publiées à intervalles réguliers. Cette section présente la liste des modifications publiées depuis la dernière livraison du bulletin *Info-Update*. La plupart des modifications étant offertes gratuitement, vous n'avez qu'à remplir et à nous retourner la carte d'avis de mise à jour incluse avec chaque norme. Vous pouvez également vous inscrire en direct à notre service de mise à jour en vous rendant à la Boutique en ligne, au <http://www.csa.ca>, et en cliquant sur le bouton « Mon compte » de la barre de navigation. Des frais s'appliquent toutefois aux modifications élaborées par d'autres organismes de normalisation et adoptées par la CSA. Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition.

▼ **Adopted Standards**

Adopted standards have been developed by another standards development organization and have been approved by our technical committee for use in Canada, with or without modification. They are available for sale from CSA. You will find published adopted standards listed under "New Standards — New Editions — Special Publications."

▼ **Endorsed Standards**

Endorsed standards have been developed by another standards development organization, and have been approved by the appropriate CSA technical committee for use in Canada.

Endorsed standards are not sold by CSA.

For copies, contact the originating organization or Global Info Centre Canada at 1-800-854-7179 or 613-237-4250; fax 613-237-4251; e-mail gic@ihscanada.ca; Web site <http://www.global.ihs.com>.

Completed Projects (cont'd) / Projets terminés (suite)

▼ Reaffirmed Standards

The standards listed in this section have been reviewed to determine if they remain technically valid and are acceptable for use until the next edition is published or for a further five years.

▼ Withdrawn Standards

The standards listed in this section have been withdrawn. Most withdrawn standards are available from our archived collection. Some copies may not be in original format.

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▼ Formal Interpretations

This section lists questions that individuals have submitted about a particular standard. Each question has been reviewed and answered by the appropriate committee. If you would like to submit a question about a particular standard, please see the end notes in the preface of that standard.

Under Development

The *Under Development* section formerly published in *Info Update* is now available directly on the CSA website. This enhancement allows us to provide you with these important notifications on a more timely basis. To visit the new "Current Standards Activities" page, go to:

<http://standardsactivities.csa.ca/standardsactivities/default.asp?language=en>.

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Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Please note: The following standards were developed by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC), and have been adopted by the Canadian Standards Association. These standards are available in Portable Document Format (PDF) only.

CAN/CSA-ISO/IEC 7811-6-09, 3rd edition <i>Identification cards — Recording technique — Part 6: Magnetic stripe — High coercivity</i> (Adopted ISO/IEC 7811-6:2008)	\$110
CAN/CSA-ISO/IEC 9075-1-09, 3rd edition <i>Information technology — Database languages — SQL — Part 1: Framework</i> (SQL/Framework) (Adopted ISO/IEC 9075-1:2008).....	\$180
CAN/CSA-ISO/IEC 9075-2-09, 3rd edition <i>Information technology — Database languages — SQL — Part 2: Foundation</i> (SQL/Foundation) (Adopted ISO/IEC 9075-2:2008)	\$450
CAN/CSA-ISO/IEC 9075-3-09, 4th edition <i>Information technology — Database languages — SQL — Part 3: Call-Level Interface</i> (SQL/CLI) (Adopted ISO/IEC 9075-3:2008)	\$325
CAN/CSA-ISO/IEC 9075-4-09, 3rd edition <i>Information technology — Database languages — SQL — Part 4: Persistent Stored</i> <i>Modules (SQL/PSM)</i> (Adopted ISO/IEC 9075-4:2008).....	\$240
CAN/CSA-ISO/IEC 9075-9-09, 3rd edition <i>Information technology — Database languages — SQL — Part 9: Management of</i> <i>External Data (SQL/MED)</i> (Adopted ISO/IEC 9075-9:2008).....	\$340
CAN/CSA-ISO/IEC 9075-10-09, 3rd edition <i>Information technology — Database languages — SQL — Part 10: Object Language</i> <i>Bindings (SQL/OLB)</i> (Adopted ISO/IEC 9075-10:2008)	\$325
CAN/CSA-ISO/IEC 9075-11-09, 1st edition <i>Information technology — Database languages — SQL — Part 11: Information and</i> <i>Definition Schemas (SQL/Schemata)</i> (Adopted ISO/IEC 9075-11:2008).....	\$280
CAN/CSA-ISO/IEC 9075-13-09, 3rd edition <i>Information technology — Database languages — SQL — Part 13: SQL Routines</i> <i>and Types Using the Java™ Programming Language (SQL/JRT)</i> (Adopted ISO/IEC 9075-13:2008)	\$250

**New Standards – New Editions – Special Publications (cont'd)****CAN/CSA-ISO/IEC 9075-14-09, 2nd edition**

Information technology — Database languages — SQL — Part 14: XML-Related Specifications (SQL/XML) (Adopted ISO/IEC 9075-14:2008)..... \$340

CAN/CSA-ISO/IEC 10373-7-09, 2nd edition

Identification cards — Test methods — Part 7: Vicinity cards (Adopted ISO/IEC 10373-7:2008) \$110

CAN/CSA-ISO/IEC 11694-3-09, 3rd edition

Identification cards — Optical memory cards — Linear recording method — Part 3: Optical properties and characteristics (Adopted ISO/IEC 11694-3:2008) \$45

CAN/CSA-ISO/IEC 11694-4-09, 3rd edition

Identification cards — Optical memory cards — Linear recording method — Part 4: Logical data structures (Adopted ISO/IEC 11694-4:2008) \$105

CAN/CSA-ISO/IEC 11770-2-09, 2nd edition

Information technology — Security techniques — Key management — Part 2: Mechanisms using symmetric techniques (Adopted ISO/IEC 11770-2:2008) \$120

CAN/CSA-ISO/IEC 11770-3-09, 2nd edition

Information technology — Security techniques — Key management — Part 3: Mechanisms using asymmetric techniques (Adopted ISO/IEC 11770-3:2008)..... \$190

CAN/CSA-ISO/IEC 12207-09, 2nd edition

Systems and software engineering — Software life cycle processes (Adopted ISO/IEC 12207:2008) \$225

CAN/CSA-ISO/IEC 14102-09, 2nd edition

Information technology — Guideline for the evaluation and selection of CASE tools (Adopted ISO/IEC 14102:2008) \$140

CAN/CSA-ISO/IEC 14443-1-09, 2nd edition

Identification cards — Contactless integrated circuit cards — Proximity cards — Part 1: Physical characteristics (Adopted ISO/IEC 14443-1:2008) \$45

CAN/CSA-ISO/IEC 14443-4-09, 2nd edition

Identification cards — Contactless integrated circuit cards — Proximity cards — Part 2: Transmission protocol (Adopted ISO/IEC 14443-4:2008) \$135

CAN/CSA-ISO/IEC TR 14496-9-09, 2nd edition

Information technology — Coding of audio-visual objects — Part 9: Reference hardware description (Adopted ISO/IEC TR 14496-9:2009) \$340

CAN/CSA-ISO/IEC 14496-10-09, 2nd edition

Information technology — Coding of audio-visual objects — Part 10: Advanced video coding (Adopted ISO/IEC 14496-10:2008)..... \$295

New Standards – New Editions – Special Publications (cont'd)

CAN/CSA-ISO/IEC 14496-12-09, 3rd edition <i>Information technology — Coding of audio-visual objects — Part 12: ISO base media file format</i> (Adopted ISO/IEC 14496-12:2008).....	\$210
CAN/CSA-ISO/IEC 14496-20-09, 2nd edition <i>Information technology — Coding of audio-visual objects — Part 20: Lightweight Application Scene Representation (LAsEzR) and Simple Aggregation Format (SAF)</i> (Adopted ISO/IEC 14496-20:2008)	\$240
CAN/CSA-ISO/IEC 14888-2-09, 2nd edition <i>Information technology — Security techniques — Digital signatures with appendix — Part 2: Integer factorization based mechanisms</i> (Adopted ISO/IEC 14888-2:2008)	\$170
CAN/CSA-ISO/IEC 15288-09, 2nd edition <i>Systems and software engineering — System life cycle processes</i> (Adopted ISO/IEC 15288:2008)	\$170
CAN/CSA-ISO/IEC 15408-2-09, 3rd edition <i>Information technology — Security techniques — Evaluation criteria for IT security — Part 2: Security functional components</i> (Adopted ISO/IEC 15408-2:2008)	\$265
CAN/CSA-ISO/IEC 15408-3-09, 3rd edition <i>Information technology — Security techniques — Evaluation criteria for IT security — Part 3: Security assurance components</i> (Adopted ISO/IEC 15408-3:2008)	\$240
CAN/CSA-ISO/IEC 15424-09, 2nd edition <i>Information technology — Automatic identification and data capture techniques — Data Carrier Identifiers (including Symbology Identifiers)</i> (Adopted ISO/IEC 15424:2008)	\$85
CAN/CSA-ISO/IEC 15457-1-09, 2nd edition <i>Identification cards — Thin flexible cards — Part 1: Physical characteristics</i> (Adopted ISO/IEC 15457-1:2008)	\$130
CAN/CSA-ISO/IEC 15457-3-09, 2nd edition <i>Identification cards — Thin flexible cards — Part 3: Test methods</i> (Adopted ISO/IEC 15457-3:2008)	\$135
CAN/CSA-ISO/IEC 15459-4-09, 2nd edition <i>Information technology — Unique identifiers — Part 4: Individual items</i> (Adopted ISO/IEC 15459-4:2008)	\$50
CAN/CSA-ISO/IEC 15946-1-09, 2nd edition <i>Information technology — Security techniques — Cryptographic techniques based on elliptic curves — Part 1: General</i> (Adopted ISO/IEC 15946-1:2008)	\$125



New Standards – New Editions – Special Publications (cont'd)

CAN/CSA-ISO/IEC 18000-1-09, 2nd edition

Information technology — Radio frequency identification for item management — Part 1: Reference architecture and definition of parameters to be standardized
(Adopted ISO/IEC 18000-1:2008) \$150

CAN/CSA-ISO/IEC 18000-3-09, 2nd edition

Information technology — Radio frequency identification for item management — Part 3: Parameters for air interface communications at 13,56 MHz
(Adopted ISO/IEC 18000-3:2008) \$225

CAN/CSA-ISO/IEC 18000-4-09, 2nd edition

Information technology — Radio frequency identification for item management — Part 4: Parameters for air interface communications at 2,45 GHz
(Adopted ISO/IEC 18000-4:2008) \$190

CAN/CSA-ISO/IEC 18014-1-09, 2nd edition

Information technology — Security techniques — Time-stamping services — Part 1: Framework (Adopted ISO/IEC 18014-1:2008) \$120

CAN/CSA-ISO/IEC TR 18037-09, 2nd edition

Programming languages — C — Extensions to support embedded processors
(Adopted ISO/IEC TR 18037:2008) \$190

CAN/CSA-ISO/IEC 18045-09, 2nd edition

Information technology — Security techniques — Methodology for IT security evaluation
(Adopted ISO/IEC 18045:2008) \$295

CAN/CSA-ISO/IEC 19757-8-09, 1st edition

Information technology — Document Schema Definition Languages (DSDL) — Part 8: Document Semantics Renaming Language (DSRL)
(Adopted ISO/IEC 19757-8:2008) \$100

CAN/CSA-ISO/IEC 19757-9-09, 1st edition

Information technology — Document Schema Definition Languages (DSDL) — Part 9: Namespace and datatype declaration in Document Type Definitions (DTDs)
(Adopted ISO/IEC 19757-9:2008) \$75

CAN/CSA-ISO/IEC 19762-1-09, 2nd edition

Information technology — Automatic identification and data capture (AIDC) techniques — Harmonized vocabulary — Part 1: General terms relating to AIDC
(Adopted ISO/IEC 19762-1:2008) \$130

CAN/CSA-ISO/IEC 19762-2-09, 2nd edition

Information technology — Automatic identification and data capture (AIDC) techniques — Harmonized vocabulary — Part 2: Optically readable media (ORM)
(Adopted ISO/IEC 19762-2:2008) \$105

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CAN/CSA-ISO/IEC 19762-3-09, 2nd edition <i>Information technology — Automatic identification and data capture (AIDC) techniques — Harmonized vocabulary — Part 3: Radio frequency identification (RFID)</i> (Adopted ISO/IEC 19762-3:2008)	\$90
CAN/CSA-ISO/IEC 21000-8-09, 2nd edition <i>Information technology — Multimedia framework (MPEG-21) — Part 8: Reference software</i> (Adopted ISO/IEC 21000-8:2008)	\$190
CAN/CSA-ISO/IEC 21827-09, 2nd edition <i>Information technology — Security techniques — Systems Security Engineering — Capability Maturity Model® (SSE-CMM®)</i> (Adopted ISO/IEC 21827:2008)	\$225
CAN/CSA-ISO/IEC 24754-09, 1st edition <i>Information technology — Document description and processing languages — Minimum requirements for specifying document rendering systems</i> (Adopted ISO/IEC 24754:2008)	\$100
CAN/CSA-ISO/IEC 27005-09, 1st edition <i>Information technology — Security techniques — Information security risk management</i> (Adopted ISO/IEC 27005:2008)	\$160

Amendments

Please note: The following amendments/technical corrigenda were developed by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC), and have been adopted by the Canadian Standards Association. These documents are available in Portable Document Format (PDF) only. Technical Corrigenda are available only with the purchase of the standard. They are not available as separate documents.

CAN/CSA-ISO/IEC 1539-1:05 TC 3 <i>Technical Corrigendum 3:2009 to CAN/CSA-ISO/IEC 1539-1-05, “Information technology — Programming languages — Fortran — Part 1: Base language”</i> (Adopted Technical Corrigendum 3:2008 to ISO/IEC 1539-1:2004)	
CAN/CSA-ISO/IEC 7816-4A-06 <i>Amendment 1:2009, “Record activation and deactivation,” to CAN/CSA-ISO/IEC 7816-4-06, “Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange”</i> (Adopted Amendment 1:2008 to ISO/IEC 7816-4:2005)	\$15
CAN/CSA-ISO/IEC 8652A-96 <i>Amendment 1:2009 to CAN/CSA-ISO/IEC 8652-96, “Information technology — Programming languages — Ada”</i> (Adopted Amendment 1:2007 to ISO/IEC 8652:1995)	\$295



Amendments (cont'd)

CAN/CSA-ISO/IEC 8824-1D-04

Amendment 4:2009, “PER encoding instructions,” to CAN/CSA-ISO/IEC 8824-1-04, “Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation” (Adopted Amendment 4:2008 to ISO/IEC 8824-1:2002) \$15

CAN/CSA-ISO/IEC 8825-5A-05

Amendment 1:2009, “Efficiency enhancements,” to CAN/CSA-ISO/IEC 8825-5-05, “Information technology — ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1” (Adopted Amendment 1:2008 to ISO/IEC 8825-5:2004) \$160

CAN/CSA-ISO/IEC 10116:07 TC 1

Technical Corrigendum 1:2009 to CAN/CSA-ISO/IEC 10116:07, “Information technology — Security techniques — Modes of operation for an n-bit block cipher” (Adopted Technical Corrigendum 1:2008 to ISO/IEC 10116:2006)

CAN/CSA-ISO/IEC 11801:04 TC 3

Technical Corrigendum 3:2009 to CAN/CSA-ISO/IEC 11801:04, “Information technology — Generic cabling for customer premises” (Adopted Technical Corrigendum 3:2008 to ISO/IEC 11801:2002)

CAN/CSA-ISO/IEC 11801A-04

Amendment 1:2009 to CAN/CSA-ISO/IEC 11801-04, “Information technology — Generic cabling for customer premises” (Adopted Amendment 1:2008 to ISO/IEC 11801:2002) \$125

CAN/CSA-ISO/IEC 13818-1:08 TC 1

Technical Corrigendum 1:2009 to CAN/CSA-ISO/IEC 13818-1:08, “Information technology — Generic coding of moving pictures and associated audio information: Systems” (Adopted Technical Corrigendum 1:2008 to ISO/IEC 13818-1:2007)

CAN/CSA-ISO/IEC 13818-1B-08

Amendment 2:2009, “Carriage of auxiliary video streams,” to CAN/CSA-ISO/IEC 13818-1-08, “Information technology — Generic coding of moving pictures and associated audio information: Systems” (Adopted Amendment 2:2008 to ISO/IEC 13818-1:2007) \$45

CAN/CSA-ISO/IEC 14165-122A-06

Amendment 1:2009 to CAN/CSA-ISO/IEC 14165-122-06, “Information technology — Fibre channel — Part 122: Arbitrated loop-2 (FC-AL-2)” (Adopted Amendment 1:2008 to ISO/IEC 14165-122:2005) \$50

CAN/CSA-ISO/IEC 14496-2:05 TC 3

Technical Corrigendum 3:2009 to CAN/CSA-ISO/IEC 14496-2:05, “Information technology — Coding of audio-visual objects — Part 2: Visual” (Adopted Technical Corrigendum 3:2008 to ISO/IEC 14496-2:2004)

Amendments (cont'd)

CAN/CSA-ISO/IEC 14496-2C:05 TC 1

Technical Corrigendum 1:2009 to Amendment 3:2008, “Support for colourspaces,” to CAN/CSA-ISO/IEC 14496-2:05, “Information technology — Coding of audio-visual objects — Part 2: Visual” (Adopted Technical Corrigendum 1:2008 to Amendment 3:2007 to ISO/IEC 14496-2:2004)

CAN/CSA-ISO/IEC 14496-2D-05

Amendment 4:2009, “Simple profile level 6,” to CAN/CSA-ISO/IEC 14496-2-05, “Information technology — Coding of audio-visual objects — Part 2: Visual” (Adopted Amendment 4:2008 to ISO/IEC 14496-2:2004) \$15

CAN/CSA-ISO/IEC 14496-3:06 TC 2

Technical Corrigendum 2:2009 to CAN/CSA-ISO/IEC 14496-3:06, “Information technology — Coding of audio-visual objects — Part 3: Audio” (Adopted Technical Corrigendum 2:2008 to ISO/IEC 14496-3:2005)

CAN/CSA-ISO/IEC 14496-3:06 TC 3

Technical Corrigendum 3:2009 to CAN/CSA-ISO/IEC 14496-3:06, “Information technology — Coding of audio-visual objects — Part 3: Audio” (Adopted Technical Corrigendum 3:2008 to ISO/IEC 14496-3:2005)

CAN/CSA-ISO/IEC 14496-3:06 TC 4

Technical Corrigendum 4:2009 to CAN/CSA-ISO/IEC 14496-3:06, “Information technology — Coding of audio-visual objects — Part 3: Audio” (Adopted Technical Corrigendum 4:2008 to ISO/IEC 14496-3:2005)

CAN/CSA-ISO/IEC 14496-3:06 TC 5

Technical Corrigendum 5:2009 to CAN/CSA-ISO/IEC 14496-3:06, “Information technology — Coding of audio-visual objects — Part 3: Audio” (Adopted Technical Corrigendum 5:2008 to ISO/IEC 14496-3:2005)

CAN/CSA-ISO/IEC 14496-3H-06

Amendment 8:2009, “MP4FF box for original audio file information,” to CAN/CSA-ISO/IEC 14496-3-06, “Information technology — Coding of audio-visual objects — Part 3: Audio” (Adopted Amendment 8:2008 to ISO/IEC 14496-3:2005) \$15

CAN/CSA-ISO/IEC 14496-3I-06

Amendment 9:2009, “Enhanced low delay AAC,” to CAN/CSA-ISO/IEC 14496-3-06, “Information technology — Coding of audio-visual objects — Part 3: Audio” (Adopted Amendment 9:2008 to ISO/IEC 14496-3:2005) \$150

CAN/CSA-ISO/IEC 14496-4:06 TC 3

Technical Corrigendum 3:2009 to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Technical Corrigendum 3:2006 to ISO/IEC 14496-4:2004)



Amendments (cont'd)

CAN/CSA-ISO/IEC 14496-4:06 TC 4

Technical Corrigendum 4:2009 to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing"
(Adopted Technical Corrigendum 4:2008 to ISO/IEC 14496-4:2004)

CAN/CSA-ISO/IEC 14496-4:06 TC 5

Technical Corrigendum 5:2009 to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing"
(Adopted Technical Corrigendum 5:2008 to ISO/IEC 14496-4:2004)

CAN/CSA-ISO/IEC 14496-4A:06 TC 2

Technical Corrigendum 2:2009 to Amendment 1:2006, "Conformance testing for MPEG-4," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Technical Corrigendum 2:2008 to Amendment 1:2005 to ISO/IEC 14496-4:2004)

CAN/CSA-ISO/IEC 14496-4H:06 TC 1

Technical Corrigendum 1:2009 to Amendment 8:2006, "High Efficiency Advanced Audio Coding, audio BIFS, and structured audio conformance," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Technical Corrigendum 1:2008 to Amendment 8:2005 to ISO/IEC 14496-4:2004)

CAN/CSA-ISO/IEC 14496-4K:06 TC 1

Technical Corrigendum 1:2009 to Amendment 11:2006, "Parametric stereo conformance," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Technical Corrigendum 1:2008 to Amendment 11:2006 to ISO/IEC 14496-4:2004)

CAN/CSA-ISO/IEC 14496-4K:06 TC 3

Technical Corrigendum 3:2009 to Amendment 11:2006, "Parametric stereo conformance," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Technical Corrigendum 3:2008 to Amendment 11:2006 to ISO/IEC 14496-4:2004)

CAN/CSA-ISO/IEC 14496-4M:06 TC 1

Technical Corrigendum 1:2009 to Amendment 13:2007, "Parametric coding for high quality audio conformance," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Technical Corrigendum 1:2008 to Amendment 13:2007 to ISO/IEC 14496-4:2004)

CAN/CSA-ISO/IEC 14496-4P-06

Amendment 16:2009, "MPEG-J GFX conformance," to CAN/CSA-ISO/IEC 14496-4:06, "Information technology — Coding of audio-visual objects — Part 4: Conformance testing" (Adopted Amendment 16:2008 to ISO/IEC 14496-4:2004) \$15

Amendments (cont'd)

CAN/CSA-ISO/IEC 14496-4S:06 TC 1

Technical Corrigendum 1:2009 to Amendment 19:2008, “Audio lossless coding,” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Technical Corrigendum 1:2008 to Amendment 19:2007 to ISO/IEC 14496-4:2004)

CAN/CSA-ISO/IEC 14496-4T-06

Amendment 20:2009, “Scalable to lossless coding (SLS) conformance,” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 20:2008 to ISO/IEC 14496-4:2004)..... \$15

CAN/CSA-ISO/IEC 14496-4U-06

Amendment 21:2009, “Geometry and shadow conformance,” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 21:2008 to ISO/IEC 14496-4:2004) \$15

CAN/CSA-ISO/IEC 14496-4V-06

Amendment 22:2009, “AudioBIFS v3 conformance,” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 22:2008 to ISO/IEC 14496-4:2004) \$15

CAN/CSA-ISO/IEC 14496-4W-06

Amendment 23:2009, “Synthesized texture conformance,” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 23:2008 to ISO/IEC 14496-4:2004) \$15

CAN/CSA-ISO/IEC 14496-4X-06

Amendment 24:2009, “File format conformance,” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 24:2008 to ISO/IEC 14496-4:2004) \$15

CAN/CSA-ISO/IEC 14496-4Y-06

Amendment 25:2009, “LAsER and SAF conformance,” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 25:2008 to ISO/IEC 14496-4:2004) \$15

CAN/CSA-ISO/IEC 14496-4Z-06

Amendment 26:2009, “Conformance levels and bitstreams for Open Font Format,” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 26:2008 to ISO/IEC 14496-4:2004)..... \$15

CAN/CSA-ISO/IEC 14496-4AA-06

Amendment 27:2009, “LAsER and SAF extensions conformance,” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 27:2008 to ISO/IEC 14496-4:2004)..... \$15



Amendments (cont'd)

CAN/CSA-ISO/IEC 14496-4AB-06

Amendment 28:2009, “Conformance extensions for simple profile level 6,” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 28:2008 to ISO/IEC 14496-4:2004) \$15

CAN/CSA-ISO/IEC 14496-4AC-06

Amendment 29:2009, “Symbolic Music Representation conformance,” to CAN/CSA-ISO/IEC 14496-4:06, “Information technology — Coding of audio-visual objects — Part 4: Conformance testing” (Adopted Amendment 29:2008 to ISO/IEC 14496-4:2004) \$80

CAN/CSA-ISO/IEC 14496-5J:05 TC 1

Technical Corrigendum 1:2009 to Amendment 10:2007, “SSC, DST, ALS and SLS reference software,” to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Technical Corrigendum 1:2008 to Amendment 10:2007 to ISO/IEC 14496-5:2001)

CAN/CSA-ISO/IEC 14496-5J:05 TC 2

Technical Corrigendum 2:2009 to Amendment 10:2007, “SSC, DST, ALS and SLS reference software,” to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Technical Corrigendum 2:2008 to Amendment 10:2007 to ISO/IEC 14496-5:2001)

CAN/CSA-ISO/IEC 14496-5M-06

Amendment 13:2009, “Geometry and shadow reference software,” to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 13:2008 to ISO/IEC 14496-5:2001) \$15

CAN/CSA-ISO/IEC 14496-5P-06

Amendment 16:2009, “Symbolic Music Representation reference software,” to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 16:2008 to ISO/IEC 14496-5:2001) \$15

CAN/CSA-ISO/IEC 14496-5Q-06

Amendment 17:2009, “Reference software for LAsER and SAF,” to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 17:2008 to ISO/IEC 14496-5:2001) \$15

CAN/CSA-ISO/IEC 14496-5R-06

Amendment 18:2009, “Reference software for new profiles for professional applications,” to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 18:2008 to ISO/IEC 14496-5:2001) \$15

Amendments (cont'd)

CAN/CSA-ISO/IEC 14496-5T-06

Amendment 20:2009, “MPEG-1 and -2 on MPEG-4 reference software and BSAC extensions,” to CAN/CSA-ISO/IEC 14496-5:06, “Information technology — Coding of audio-visual objects — Part 5: Reference software” (Adopted Amendment 20:2009 to ISO/IEC 14496-5:2001)..... \$15

CAN/CSA-ISO/IEC 14496-15B-05

Amendment 2:2009, “File format support for Scalable Video Coding (SVC),” to CAN/CSA-ISO/IEC 14496-15:05, “Information technology — Coding of audio-visual objects — Part 15: Advanced Video Coding (AVC) file format” (Adopted Amendment 2:2008 to ISO/IEC 14496-15:2004)..... \$135

CAN/CSA-ISO/IEC 14496-16A:07 TC 1

Technical Corrigendum 1:2009 to Amendment 1:2008, “Geometry and shadow,” to CAN/CSA-ISO/IEC 14496-16:07, “Information technology — Coding of audio-visual objects — Part 16: Animation Framework eXtension (AFX)” (Adopted Technical Corrigendum 1:2008 to Amendment 1:2007 to ISO/IEC 14496-16:2006)

CAN/CSA-ISO/IEC 14496-16A:07 TC 2

Technical Corrigendum 2:2009 to Amendment 1:2008, “Geometry and shadow,” to CAN/CSA-ISO/IEC 14496-16:07, “Information technology — Coding of audio-visual objects — Part 16: Animation Framework eXtension (AFX)” (Adopted Technical Corrigendum 2:2008 to Amendment 1:2007 to ISO/IEC 14496-16:2006)

CAN/CSA-ISO/IEC 14496-16B-07

Amendment 2:2009, “Frame-based Animated Mesh Compression (FAMC),” to CAN/CSA-ISO/IEC 14496-16:07, “Information technology — Coding of audio-visual objects — Part 16: Animation Framework eXtension (AFX)” (Adopted Amendment 2:2009 to ISO/IEC 14496-16:2006)..... \$150

CAN/CSA-ISO/IEC 14496-16C-07

Amendment 3:2009, “3D Multiresolution profile,” to CAN/CSA-ISO/IEC 14496-16:07, “Information technology — Coding of audio-visual objects — Part 16: Animation Framework eXtension (AFX)” (Adopted Amendment 3:2008 to ISO/IEC 14496-16:2006)..... \$15

CAN/CSA-ISO/IEC 15415:05 TC 1

Technical Corrigendum 1:2009 to CAN/CSA-ISO/IEC 15415:05, “Information technology — Automatic identification and data capture techniques — Bar code print quality test specification — Two-dimensional symbols” (Adopted Technical Corrigendum 1:2008 to ISO/IEC 15415:2004)

CAN/CSA-ISO/IEC 15426-2:07 TC 1

Technical Corrigendum 1:2009 to CAN/CSA-ISO/IEC 15426-2:07, “Information technology — Automatic identification and data capture techniques — Bar code verifier conformance specification — Part 2: Two-dimensional symbols” (Adopted Technical Corrigendum 1:2008 to ISO/IEC 15426-2:2005)



Amendments (cont'd)

CAN/CSA-ISO/CEI 15444-1:05 TC 2

Technical Corrigendum 2:2009 to CAN/CSA-ISO/IEC 15444-1:05, "Information technology — JPEG 2000 image coding system: Core coding system" (Adopted Technical Corrigendum 2:2008 to ISO/IEC 15444-1:2004)

CAN/CSA-ISO/IEC 15938-5C-04

Amendment 3:2009, "Improvements to geographic descriptor," to CAN/CSA-ISO/IEC 15938-5-04, "Information technology — Multimedia content description interface — Part 5: Multimedia description schemes" (Adopted Amendment 3:2008 to ISO/IEC 15938-5:2003)..... \$15

CAN/CSA-ISO/IEC 16022:07 TC 1

Technical Corrigendum 1:2009 to CAN/CSA-ISO/IEC 16022:07, "Information technology — Automatic identification and data capture techniques — Data Matrix bar code symbology specification" (Adopted Technical Corrigendum 1:2008 to ISO/IEC 16022:2006)

CAN/CSA-ISO/IEC 18033-3:06 TC 3

Technical Corrigendum 3:2009 to CAN/CSA-ISO/IEC 18033-3:06, "Information technology — Security techniques — Encryption algorithms — Part 3: Block ciphers" (Adopted Technical Corrigendum 3:2008 to ISO/IEC 18033-3:2005)

CAN/CSA-ISO/IEC TR 18047-3:05 TC 2

Technical Corrigendum 2:2009 to CAN/CSA-ISO/IEC TR 18047-3:05, "Information technology — Radio frequency identification device conformance test methods — Part 3: Test methods for air interface communications at 13,56 MHz" (Adopted Technical Corrigendum 2:2008 to ISO/IEC TR 18047-3:2004)

CAN/CSA-ISO/IEC 19757-4:06 TC 1

Technical Corrigendum 1:2009 to CAN/CSA-ISO/IEC 19757-4:06, "Information technology — Document Schema Definition Languages (DSDL) — Part 4: Namespace-based Validation Dispatching Language (NVDL)" (Adopted Technical Corrigendum 1:2008 to ISO/IEC 19757-4:2006)

CAN/CSA-ISO/IEC 21000-5C-07

Amendment 3:2009, "OAC (Open Access Content) profile," to CAN/CSA-ISO/IEC 21000-5-07, "Information technology — Multimedia framework (MPEG-21) — Part 5: Rights Expression Language" (Adopted Amendment 3:2008 to ISO/IEC 21000-5:2004)..... \$105

CAN/CSA-ISO/IEC 21000-9A-07

Amendment 1:2009, "MIME type registration," to CAN/CSA-ISO/IEC 21000-9-07, "Information technology — Multimedia framework (MPEG-21) — Part 9: File Format" (Adopted Amendment 1:2008 to ISO/IEC 21000-9:2005) \$15

CAN/CSA-ISO/IEC 21000-15A-07

Amendment 1:2009, "Security in Event Reporting," to CAN/CSA-ISO/IEC 21000-15-07, "Information technology — Multimedia framework (MPEG-21) — Part 15: Event Reporting" (Adopted Amendment 1:2008 to ISO/IEC 21000-15:2006) \$15

Amendments (cont'd)

CAN/CSA-ISO/IEC 21000-18A-08

Amendment 1:2009, “Simple fragmentation rule,” to CAN/CSA-ISO/IEC 21000-18-08, “Information technology — Multimedia framework (MPEG-21) — Part 18: Digital Item Streaming” (Adopted Amendment 1:2008 to ISO/IEC 21000-18:2007) \$105

CAN/CSA-ISO/IEC 23001-1B-08

Amendment 2:2009, “Conservation of prefixes and extensions on encoding of wild cards,” to CAN/CSA-ISO/IEC 23001-1-08, “Information technology — MPEG systems technologies — Part 1: Binary MPEG format for XML” (Adopted Amendment 2:2008 to ISO/IEC 23001-1:2006) \$105

CAN/CSA-ISO/IEC 23002-1A-08

Amendment 1:2009, “Software for integer IDCT accuracy testing,” to CAN/CSA-ISO/IEC 23002-1-08, “Information technology — MPEG video technologies — Part 1: Accuracy requirements for implementation of integer-output 8x8 inverse discrete cosine transform” (Adopted Amendment 1:2008 to ISO/IEC 23002-1:2006) \$15

CAN/CSA-ISO/IEC 23003-1A-08

Amendment 1:2009, “Conformance testing,” to CAN/CSA-ISO/IEC 23003-1-08, “Information technology — MPEG audio technologies — Part 1: MPEG Surround” (Adopted Amendment 1:2008 to ISO/IEC 23003-1:2007) \$75

CAN/CSA-ISO/IEC 23003-1B-08

Amendment 2:2009, “Reference software,” to CAN/CSA-ISO/IEC 23003-1-08, “Information technology — MPEG audio technologies — Part 1: MPEG Surround” (Adopted Amendment 2:2008 to ISO/IEC 23003-1:2007) \$15