

DICOM Correction Item

Correction Number		CP-676
Log Summary: Reorganize and update Part 3 Section 2		
Type of Modification	Name of Standard	
Modification	PS 3.3 2006	
Rationale for Correction		
The normative references are hard to use, and inconsistent in their format. This change organizes them by issuing organization.		
Sections of documents affected		
PS 3.3 Section 2		
Correction Wording:		
<i>Change Section 2 to read as follows. Note that changes are not shown for reordering of lines and phrases, only for changes to references:</i>		

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this Standard are encouraged to investigate the possibilities of applying the most recent editions of the standards indicated below.

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO) AND INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC)

- ISO/IEC Directives, 1989 Part 3 - Drafting and Presentation of International Standards
 - ISO/IEC 2022:1994 Information technology - Character code structure and extension techniques.
 - ISO 3950:1984 Dentistry - Designation system for teeth and areas of the oral cavity
 - ISO 7498-1:~~1994~~ Information Processing Systems - Open Systems Interconnection - Basic Reference Model
 - ISO 7498-2:~~1989~~ Information processing systems – Open Systems Interconnection – Basic reference Model – Part 2: Security Architecture
 - ISO/TR 8509 Information Processing Systems - Open Systems Interconnection - Service Conventions
- Note: ISO/TR 8509 has been withdrawn. See ISO/IEC 2382-26:1993 Information technology -- Vocabulary -- Part 26: Open systems interconnection**
- ISO 8825-1:~~2002~~ Information technology – ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)

ISO/IEC 10118-3:1998 Information technology – Security techniques – Hash-functions – Part 3:
Dedicated hash-functions (RIPEMD-160 reference)

Note: The ~~draft~~ RIPEMD-160 specification and sample code are also available at
~~<http://ftp.esat.kuleuven.ac.be/pub/bosselaer/ripemd>~~
<http://homes.esat.kuleuven.be/~bosselaer/ripemd160.html>

ISO/IEC 10646-4:2000~~3~~ Information Technology -- Universal Multiple-Octet Coded Character Set
(UCS) — ~~Part 1: Architecture and Basic Multilingual Plane~~

Note: ISO/IEC 10646-2003 is the same as Unicode Version 4.0, available at <http://unicode.org>

~~ISO/IEC 10646-1:2000/Amd 1:2002 Mathematical symbols and other characters~~

~~ISO/IEC 10646-2:2001 Information Technology -- Universal Multiple-Octet Coded
Character Set (UCS) -- Part 2: Supplementary Planes~~

ISO/IEC 13818-1:2000 Information technology -- Generic coding of moving pictures and
associated audio information: Systems

ISO/IEC 13818-2:2000 Information technology -- Generic coding of moving pictures and
associated audio information: Video

ISO/IEC 13818-3:1998 Information technology -- Generic coding of moving pictures and
associated audio information -- Part 3: Audio

ISO/IEC 13818-4:~~1998~~2004 Information technology -- Generic coding of moving pictures and
associated audio information -- Part 4: Conformance testing

ISO 15076-1:2005 Image technology colour management — Architecture, profile
format, and data structure

Note: Also available as ICC.1:2004-10 (Profile version 4.2.0.0), [International Color Consortium](#)

IEC 60601-2-44, Ed.2.1 Medical Electrical Equipment – Part 2-44: Particular Requirements for
the Safety of X-Ray Equipment for Computed Tomography, 2002

IEC 61217, Ed.1.1 Radiotherapy Equipment - Coordinates, Movements and Scales,
19962002

IEC/~~CD~~ 61966-2-1 Multimedia systems and equipment - Colour measurement and
management in ~~Multimedia systems and equipment~~ – Part 2-1: Colour management in
~~multimedia systems~~ - Default RGB colour space – sRGB, 1999

INTERNATIONAL TELECOMMUNICATIONS UNION (ITU)

ITU-T G.711 Pulse code modulation (PCM) of voice frequencies, 1988

ITU-T X.509 Information technology - Open Systems Interconnection - The directory:
Public-key and attribute certificate frameworks, 2000

Note: ITU-T Recommendation X.509 is similar to ISO/IEC 9594-8 1990. However, the ITU-T
recommendation is the more familiar form, and was revised in 1993 and 2000, with two sets of
corrections in 2001. ITU-T was formerly known as CCITT.

INTERNET ENGINEERING TASK FORCE (IETF)

RFC 2046 Multipurpose Internet Mail Extensions (MIME) Part Two: Media Types,
November 1996

RFC 2396 Uniform Resource Identifiers (URI): Generic Syntax

~~RFC 2313, PKCS #1: RSA Encryption, Version 1.5, March 1998.~~

RFC 2437 PKCS #1 RSA Cryptography Specifications Version 2.0

Note: The RSA Encryption Standard is also defined in informative annex A of ISO/IEC 9796, and in Normative Annex A of the CEN/TC251 European Prestandard prENV 12388:1996.

RFC 2630 Cryptographic Message Syntax, June 1999

RFC 3161 Internet X.509 Public Key Infrastructure - Time Stamp Protocols

HEALTH LEVEL SEVEN (HL7)

ANSI/HL7 V2.5-2003 HL7 Standard Version 2.5 – An Application Protocol for Electronic Data Exchange in Healthcare Environments

ANSI/HL7 v3 Data Types R1-2004 Health Level Seven Version 3 Standard: Data Types – Abstract Specification, Release 1

ANSI/HL7 v3 CDA R1.0-2000 Health Level Seven Version 3 Standard: Clinical Document Architecture Framework, Release 1.0

ANSI/HL7 v3 CDA R2-2005 Health Level Seven Version 3 Standard: Clinical Document Architecture Framework, Release 2

HL7 SCTP R1.0 HL7 Structured Clinical Trial Protocol Standard, Release 1.0

ANSI/HL7 SPL R1.0-2004 HL7 Structured Product Labeling Standard, Release 1.0

UNITED STATES NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST)

FIPS PUB 46 Data Encryption Standard

FIPS PUB 81 DES Modes of Operation

OTHER REFERENCES

Anderson, LL “A “natural” volume-dose histogram for brachytherapy”, Medical Physics 13(6) pp 898-903, 1986.

ANSI/X9.52-1998 Triple Data Encryption Algorithm Modes of Operation, **Accredited Standards Committee (ASC) X9, Financial Services.**

BI-RADS Breast Imaging Reporting and Data System, 3rd Edition 1998, American College of Radiology

CIE Pub 15.2-1986 Colorimetry, Second Edition, **Commission Internationale de l'Eclairage/ International Commission on Illumination**

ECMA 235 The ECMA GSS-API Mechanism, **European Computer Manufacturers Association**

GB 18030-2000 Information Technology -- Chinese ideograms coded character set for information interchange -- Extension for the basic set, **Standards Administration of China**

ICRU Report 50 Prescribing, Recording, and Reporting Photon Beam Therapy, International Commission on Radiation Units and Measurements, 1993

~~AIUM and~~ NEMA **UD3-2004** Standard for Real-Time Display of Thermal and Mechanical Acoustic Output Indices on Diagnostic Ultrasound Equipment, **National Electrical Manufacturers Association and American Institute of Ultrasound in Medicine**

PDF Reference **PDF Reference, Fifth Edition: Adobe Portable Document Format version 1.6, Adobe Systems Incorporated**

TIS 620-2533 (1990) Thai Characters Code for Information Interchange, **Thai Industrial Standards Institute**