Release Notes for DICOM PS 3 - 2003.

23 Jan 2003.

The following changes have been made relative to the published PS 3 2001 standard, by incorporating the changes specified in the supplements and correction items.

The Final Text of all applied Supplements and Correction Proposals is available at:

ftp://ftp.nema.org/medical/dicom/final/

Changes to Parts

Part 1
- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done

Part 2
- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done

Part 3
- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done
- Sup 49 done
- Sup 55 done
- Sup 61 done
- Sup 65 done
- Sup 68 done
- Sup 70 done
- CP 209 done
- CP 223 done

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- CP 247 done
- CP 248 done
- CP 251 done
- CP 257 done
- CP 259 done
- CP 260 done
- CP 261 done
- CP 266 done
- CP 267 done
- CP 270 done
- CP 273 done
- CP 275 done
- CP 286 done
- CP 287 done
- CP 289 done
- CP 290 done
- CP 292 done
- CP 295 done
- CP 300 done
- CP 303 done
- CP 312 done
- CP 313 done
- CP 319 done
- CP 324 done
- CP 327 done
- Fixed various incorrect tag numbers
- Began crusade to change “which” to “that”

Part 4

- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done
- Sup 49 done
- Sup 65 done
- Sup 68 done
- CP 199 done
- CP 231 done
- CP 232 done
- CP 251 done
- CP 257 done
- CP 264 done

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- CP 271 done
- CP 281 done
- CP 282 done
- CP 284 done
- CP 285 done
- CP 301 done
- CP 302 done
- CP 325 done

Part 5
- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done
- Sup 49 done
- Sup 61 done
- CP 246 done
- CP 283 done
- CP 288 done
- CP 312 done

Part 6
- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done
- Sup 49 done
- Sup 55 done
- Sup 61 done
- Sup 65 done
- Sup 68 done
- Sup 70 done
- CP 207 done
- CP 223 done
- CP 247 done
- CP 251 done
- CP 257 done
- CP 260 done
- CP 270 done
- CP 275 done
- CP 279 done

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- CP 293 done
- CP 303 done
- CP 316 done
- CP 319 done
- CP 320 done
- CP 324 done

Part 7
- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done
- CP 301 done
- CP 318 done

Part 8
- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done
- CP 280 done
- CP 317 done

Part 10
- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done
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Part 11
- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done
- Sup 54 done
- Sup 62 done
- Sup 69 done

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Part 12

- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done
- Sup 54 done
- Sup 62 done
- Sup 69 done

Part 14

- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 – nothing to do (doesn't list parts)

Part 15

- Cover done 2003
- Header and footer done
- Disclaimer done
- Renumber pages continuously from 1
- Sup 44 done
- Sup 55 done

Part 16

- Cover done 2003
- Header and footer done
- Disclaimer done
- Already numbered continuously from 1
- BI-RADS mark done
- Add CID headers to include into TOC
- Make names of table labels for context groups consistent
- Sup 44 done
- Sup 49 done
- Sup 65 done
- CP 251 done
- CP 256 done
- CP 257 done
- CP 260 done
- CP 262 done
- CP 265 done
- CP 270 done

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- CP 274 done
- CP 275 done
- CP 276 done
- CP 277 done
- CP 290 done
- CP 291 done
- CP 295 done
- CP 297 done
- CP 298 done
- CP 299 done
- CP 305 done
- CP 310 done (made version date 20030108)
- CP 321 done
- CP 324 done

Supplements Incorporated

Sup 44 – Clarification of network addressing and the retirement of non-TCP/IP communication

Sup 49 – Enhanced MR Image Storage SOP Class

Sup 54 – DICOM MIME Type

Sup 55 – Attribute Level Confidentiality (including De-identification)

Sup 61 – JPEG 2000 Transfer Syntaxes

Sup 62 – 4.1 Gbyte MOD Medium format and use in CT/MR profiles

Sup 65 – Chest CAD SR SOP Class

Sup 68 – Retire Storage Commitment Pull Model

Sup 69 – 640 MB and 1.3 GB 90mm MOD Medium format and use in US profiles

Sup 70 – Clinical Trial Identification

Correction Items Incorporated

14th CP packet:
- CP 199 – Specific Character Set in queries
- CP 207 – Retire Unused DICOM Attributes

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- CP 231 – Order and number of storage associations irrelevant
- CP 232 – Allow additional optional query keys at patient and study level
- CP 246 – Undefined length UN VR value is always implicit VR
- CP 251 – Addition of DISCONTINUED reason to MPPS
- CP 259 – Retire unused Photometric Interpretations
- CP 260 – Add Numeric Measurement Qualifier ***(revised ft1 with note, codes)***
- CP 264 – Clarify matching requirements for Modality Worklist

15th CP packet:

- CP 257 – Clarify Referenced Study Component Sequence
- CP 261 – Specification of Identifier or Selection Values
- CP 262 – Multiple Observers in Observer Context Template
- CP 265 – Modify numeric measurement templates
- CP 266 – INFERRED FROM CODE and NUM in Enhanced SOP Class
- CP 267 – Correct Basic Directory IOD E-R Figure

16th CP packet:

- CP 247 – Codes for persons in composite objects
- CP 256 – Add new view terms to NM View Code sequence
- CP 271 – Clarify C-Find behavior when there is no match
- CP 273 – Identical Document Sequence Typo
- CP 274 – Add definition for Template parameters
- CP 279 – Correction of VR for Column Angulation
- CP 280 – Order of Sub-Items within a User Information Item
- CP 282 – Clarify Value Multiplicity for Matching Keys in Query/Retrieve
- CP 284 – Add SOP Class UID as Optional Query Key
- CP 285 – Clarify behavior when C-MOVE association lost
- CP 286 – Quotation uses COMPOSITE value type not in SR IODs
- CP 287 – Displayed area selection pixel addressing and spatial transformation
- CP 288 – Clarify Unlimited Text VR encoding in figure

17th CP packet:

- CP 209 – RT Plan reference to acquisition frame of reference
- CP 223 – Radiotherapy block and compensator mounting direction
- CP 248 – Patient Position attribute conditionality
- CP 275 – Revise Definition of Enumerated and Defined Templates and Context Groups
- CP 277 – Adjustments of french translations for code meanings
- CP 281 – Clarify use of Referenced Study Sequence in MWL
- CP 283 – Multi-frame with empty Basic Offset Table is valid DICOM
- CP 289 – Move Referenced Waveform from US Image to General Image Module
- CP 290 – Context Group code updates for Mammography CAD SR
- CP 291 – Ultrasound Stage-View Preference (Best Object Selection)
- CP 292 – Different description of Performed Procedure Step ID attribute

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- CP 293 – Wrong value multiplicity Coordination Curve attributes
- CP 297 – Modify TID 1008 Subject Context, Fetus
- CP 298 – Add template convention for Coding Scheme Version
- CP 299 – Correct CID 9
- CP 300 – Correct Spatial Transformation Condition
- CP 301 – Correct C-MOVE and C-GET response attributes
- CP 302 – Storage Commitment SCP must use single AE Title
- CP 303 – Fix attribute VR for US Region Calibration Elements

18th CP packet:

- CP 295 – Eliminate Duplicate Codes from Context Groups in Part 16
- CP 305 – Correct error in PS 3.16, TID 4006
- CP 310 – Add modality codes to DICOM Controlled Terminology (20030108)
- CP 312 – Clarify type 1 and 1C within Sequences
- CP 313 – Correction attribute description Palette Color LUT
- CP 316 – Consistency of Effective Duration Attribute

19th CP packet:

- CP 270 – Add Contributing Equipment Sequence
- CP 276 – General numeric measurement template
- CP 317 – Clarify P-DATA PDU minimum length
- CP 318 – Remove duplicate PDU annex
- CP 319 – Corrections to new MR object
- CP 320 – Inconsistent Data Element Name
- CP 321 – Key object selection for printing
- CP 324 – Expand definition of Coding Scheme Designator and Clarify Private Codes
- CP 325 – Case-insensitive PN matching allows accent-insensitive matching
- CP 327 – Remove dangling references from PET Isotope Module

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