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| Description: Description: O:\LOGOS\DICOM\DICOM LOGO - MEDIUM.tif | **1300 North 17th Street, Suite 900 Arlington, VA 22209, USA**  **+1-703- 475-9217**  [http://dicom.nema.org](http://dicom.nema.org/)  E-mail: [**dicom@medicalimaging.org**](mailto:dicom@medicalimaging.org) |

MINUTES-tcon

###### DICOM WORKING GROUP SIX

(Base Standard)

**March 18, 2015**

**Members Present Represented by**

ACR James Philbin

Agfa Healthcare Robert Horn

GE Healthcare Harry Solomon

PixelMed David Clunie

Philips Healthcare Wim Corbijn

Siemens Healthcare Bjorn Nolte

Toshiba MRI USA Kevin O’Donnell

**Members Not Present Voting Representative**

Carl Zeiss Medical Software Karl-Heinz Fleischer

JIRA Yukio Ito

\*Konica Minolta Med. Imaging Michael Laconti

\*Merge Healthcare Ronald Cowan

**Alternate Voting Representatives,**

**Observers, Others Present Affiliation**

Andrew Casertano WG-22/SAN Consulting

Mark Horton WG-08/HIS

Luiza Kowalczyk MITA

Stephen Vastagh MITA

**Presiding Officers:** Rob Horn, Chair  
 David Clunie, CP Manager

# **Opening and Administrative**

The Chair called the meeting to order at 10.00 USA Eastern Time. The Agenda, distributed by D. Clunie, was approved. The Secretary reviewed the antitrust rules.

The purpose of this t-con was to conduct advance review of the CPs on the Agenda of the upcoming in-person WG-06 meeting (March 23-27, 2015.) No final WG-06 decisions were planned to be made at this t-con; rather, the t-con merely is intended to better prepare the material and the members for the upcoming in-person WG-06 meeting,

# **Letter Ballot (LB) to Draft Final Text (DFT)**

The votes on CPack-80 have not yet been tallied; the discussion below is subject to the final count of the votes (ballot passed based on preliminary count of the votes.)

D. Clunie reviewed comments available to-date in <ftp://d9-workgrps@medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/Wg06/2015/2015-03-23/Bal-Cmts/CPack->80 and made revisions in the LB versions of the CPs to consider the comments. David will review any additional comments and make necessary revisions to the CPs.

D. Clunie presented such revised versions DFT drafts (Draft Final Text) in the following directory: <ftp://d9-workgrps@medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/Wg06/2015/2015-03-23/CPs/DFT>

**CPs marked as DFT:** The Group reviewed the DFT versions and decided to recommend to WG-06 to approve the CPs as Final Text (FT), which were are marked as DFT in the table below.

**CPs marked as CONT:** will be further discussed at the meeting

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| **CP#** | | **Letter Ballot CPack-80**  **Title of CP** | **Assigned to** | |  | | | **Disposition** | |
| 1420 | | Support for Multi Slab Block in Ion Plan | | | U Busch | | MAR 18 2015: DC Spelling and wording WG-07 comments incorporated corrected  Jan 12 2015:  Jan 6 2015: Confirmed VP NOV 2014: Version 4 to VP  JUNE 2014: New, received CP number | DFT | |
| 1421 | | Support for Mean Excitation Energy In Structure Physical Properties | | | U Busch | | MAR 18 2015: No change no comment  JAN 12 2015:  Jan 6 2015: Confirmed VP  NOV 2014: Version 03 to VP  JUNE 2014: New, received CP number | DFT | |
| 1424 | | Add Series entity present in Real-World Model but missing in Information Model figure | | | D. Clunie | | MARCH 18, 2015: cmt: no series IOD.  JAN 12 2015:  Jan 6 2015: Confirmed VP  :  NOV 2014: version 1 approved for VP | DFT | |
| 1425 | | Tab character should be permitted be in text VRs (ST, LT, UT) | | | D. Clunie | | MAR 18 2015: No change no cmts  JAN 12 2015:  Jan 6 2015: Confirmed VP  NOV 2014: version 1 approved for VP | DFT | |
| 1426 | | Correct condition in Pixel Measures, Plane Position and Orientation Functional Groups for Segmentation | | | D. Clunie | | MAR 18 2015: No change no cmts  JAN 12 2015:  Jan 6 2015: Confirmed VP  NOV 2014: version 1 approved for VP | DFT | |
| 1427 | | Make Defined Term for 3D Dimension Organization Type used for US Volume mean equally spaced as well as parallel slices, and add Spacing Between Slices | | | D. Clunie | | MAR 18 2015: No change no cmts  JAN 12 2015:  Jan 6 2015: Confirmed VP  NOV 2014: version 1 approved for VP | DFT | |
| 1428 | | Use Pixel Measures in Enhanced US Volume | | | D. Clunie | | MAR 18 2015: J Keyes cmt.Response: Cmt is on point however Cmt is not in scope of this CP  JAN 12 2015:  Jan 6 2015: Confirmed VP  NOV 2014: version 1 approved for VP | DFT | |
| 1429 | | Tiled Image Box in Structured Display | | | H Solomon | | MAR 18 2015: DC made changes  JAN 12 2015:  Jan 6 2015: Confirmed VP  NOV 2014: no version noted approved for VP | DFT | |
| 1430 | | Add Motion Mode Definition Module | | | U Busch | | MAR 18 2015: GE cmt was responded. It si a macro as per WG-06 instruction to WG-07. Section refs and codes fixed by DC  Cmt: reference IEC reference . Will add in Pt 6 UID ref-DC will do it  JAN 12 2015:  Jan 6 2015: Confirmed VP  NOV 2014: Version 07 to VP  SEPT 2014 – NEW: | DFT | |
| 1434 | | Additional SSD Information | | | U Busch | | MAR 18 2015: Needed correction to Section ref. DC reworded, WG-07 approved. Ext contour, PT model surface fixed  JAN 12 2015:  Jan 6 2015: Confirmed VP  NOV 2014: Version 04 to VP  SEPT. 2015-NEW: | DFT | |
| 1435 | | Correct errors in State Diagram of Hosted Applications | | | D. Clunie | | MAR 18 2015: Discussed the figures. DC will send background to KOD for possible comments  JAN 12 2015:  Jan 6 2015: Confirmed VP  NOV 2014: Version 01 to VP | HOLD for F2F mtg | |
|  | |  | | |  | |  |  | |

**CPs needing more discussion before approving Final Text (FT):**

CP-1435

# **VP (Voting Package) for March 2015**

**CPs marked as VP below:**

The Group reviewed these CPs in the VP, which was approved at the last in-person WG-06 meeting. At this t-con the group identified the CPs that appear to need NO additional discussion before deciding whether to place them in the next letter ballot. They are marked as VP ; unless additional comments are raised they will be approved for inclusion in CPack-81 without further discussion.

**CPs marked PULLED below:**

If ANY member present at this t-con wanted additional discussion on the CP, for any reason, before voting on placing them in the next Letter Ballot, the CP was marked “Pulled”. After more discussion at the in-person meeting these “Pulled” CPs may be replaced in the VP or may “Remain Assigned” for further discussion at a later WG-06 meeting.   
  
VP=for next meeting’s voting package

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| --- | --- | --- | --- | --- |
| **CP#** | **Title** | **Assigned to** |  |  |
| 812 | Clarification that Pixel Padding Value Is a Raw  Value before Any Transformations | D. Harvey | MAR 18 2015: Reviewed, OK for LB  JAN 12 2015: Clunie to take action, moved to VP | VP |
| 934 | Fix Inconsistency of C-FIND Only Number of Patient Related XXX Attributes | D. Harvey | MAR 18 2015: PT related stuff in study level query OK for LB  JAN 12 2015: DC found text from D Harvey, will add text. Moved to VP | VP |
| 1321 | Add Telecom Addresses | R Horn | MAR 18 2015: Reviewed new vp+1 version. DC will check style pattern/intro of key words and stay consistent. OK for LB  Jan 12 2015: reassigned to R Horn, he will research, DC will produce next version for VP | VP |
| 1322 | Add Consulting Physician | H Solomon | MAR 18 2015: OK for LB  JAN 12 2015: re- assigned from H Solomon to HS OK for VP | VP |
| 1357 | Allow Unicode Katakana in alphabetic name group | H Solomon | MAR 18 2015: OK for LB  JAN 12 2015: re- assigned from H Solomon to HS OK for VP | VP |
| 1402 | Add UI Value Representation to Hanging Protocol Selector attributes | J Philbin | MAR 18 2015: OK for LB  JAN 12 2015: OK for VP | VP |
| 1413 | Add UCUM license terms | H Solomon | MAR 18 2015: OK for LB  JAN 12 2015:add LOINC & UCUM- will do a CP for SNOMED, OK for VP  JUNE 2014: New, received CP number | VP |
| 1416 | Update to use SNOMED codes | H Solomon | MAR 18 2015: OK for LB  JAN 12 2015: OK for VP  JUNE 2014: New, received CP number | VP |
| 1436 | Clarification Of Verification Control Point Meterset | U Busch | MAR 18 2015: OK for LB  JAN 12 2015: OK for VP | VP |
| 1437 | ClarificationOfBeamDoseScope\_02 | U Busch | MAR 18 2015: OK for LB  JAN 12 2015: OK for VP | VP |
| 1438 | OmittedBeamsSequenceInBDI\_02 | U Busch | MAR 18 2015: OK for LB  JAN 12 2015: OK for VP | VP |
| 1439 | ClarificationofRTImagePosition\_03 | U Busch | MAR 18 2015: OK for LB  JAN 12 2015: OK for VP | VP |
| 1440 | Correct HL7 CX component name references | H Solomon | MAR 18 2015: OK for LB  JAN 12 2015: OK for VP | VP |
| 1442 | Typos in UPS specification | K ODonnell | MAR 18 2015: OK for LB  JAN 12 2015: OK for VP | VP |
| 1443 | Additional N-GET Service for UPS Push | K ODonnell | MAR 18 2015: There is still discussion btw KOD and HS  JAN 12 2015: OK for VP | PULL for F2FVP |
|  |  |  |  |  |

**Further discussion of CPs “Pulled” from the VP for further discussion:**

None

# **New CPs Submitted**

The correction proposals (CPs) that have been posted in the meeting folder to date are shown in the table below. (<ftp://d9-workgrps@medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/Wg06/2015/2015-03-23/CPs/New> .) The Group discussed as many CPs as time allowed.

**CPs with CP Number assigned:** If a CP number appears in the table below, the Group decided to recommend at the upcoming in-person meeting of WG-06, the acceptance of the CP for processing by WG-06.

**If a CP is marked in the left column “CONT”**: it indicates the decision of this tcon to further discuss whether to accept it into the CP process.

**If the CP# column is blank**, the CP was not discussed at this preliminary review.

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| **CP # assigned** | **New Correction Proposal -- Title** | **Assigned to** | **Discussion** | **File ID** |
| 1462 | Admission ID missing in MPPS module | 1. H Solomon | March 18 2015: NEW  It is a documentation issue | cp\_admission\_id\_for MPPS.docx |
| 1463 | |  | | --- | | Clarify Enhanced US  Volume Image and  Frame Type  Values 3 and 4 | | 1. D Clunie | March 18 2015: NEW  Add “generic flavors”. Discussed type 3&4 attributes. State of the art is series description. | cp\_dac279\_enhancedusvolimagetypevalues3and4.pdf |
| 1464 | |  | | --- | | Add reference region  segmentation property type | | 1. D Clunie | March 18 2015: NEW | cp\_dac280\_referenceregionsegtype.pdf |
| 1465 | |  | | --- | | Add type of finding to  measurement SR  templates | |  | |  | |  | |  | | 1. D Clunie | March 18 2015: NEW | cp\_dac281\_addtypeoffindingtomeasurements.pdf |
| 1466 |  | D Clunie | March 18 2015: NEW | cp\_dac282\_addsessiontomeasurementsgroup.pdf |
| 1467 |  | D Clunie | March 18 2015: NEW | cp\_dac283\_timepointcontextrelationship.pdf |
| 1468 |  | D Clunie | March 18 2015: NEW | cp\_dac284\_definedmodalitycidimagelibrary.pdf |
| 1469 |  | D Clunie | March 18 2015: NEW | cp\_dac285\_removeduplicaterowsinvolumetricroi.pdf |
| 1470 |  | D Clunie | March 18 2015: NEW  Fixes tool differences | cp\_dac286\_03\_smallanimalanatomy.pdf |
| 1471 |  | D Clunie | March 18 2015: NEW  Adds words: “and research” to “clinical trials” | cp\_dac287\_02\_clinicaltrialsresearch.pdf |
| 1472 |  | D Clunie | March 18 2015: NEW | cp\_dac288\_02\_additionalresponsiblepersons.pdf |
| (1)  1473  (2)  1474 |  | D Clunie | March 18 2015: NEW  1.Adds left-1st & right-1st position to supine & prone. – eawsy CP  2. Add non-horizontal table positions (table positioning other than horizontal or vertical – reference is gravity  WG-30 is still working on part 2 | cp\_dac289\_01\_smallanimalpositioning.pdf |
| 1475 |  | D Clunie | March 18 2015: NEW  Need PT- relative description . Being implemented. | cp\_dac290\_enhancedusvolpatientageometry.pdf |
| 1476 |  | 1. W Corbijn | March 18 2015: NEW  RE: fMRI. Settling down and add functional synch pulse. Discussed revising the name with redundant text | CP\_fMRI\_phases v9.doc |
| 1477 |  | 1. B Nolte | March 18 2015: NEW  Use of term image intensifier | cp\_positionerangles.docx |
| 1478 | To be used as Part 2 of CP- 1457 |  |  |  |
| 1479 |  | 1. H Solomon | March 18 2015: NEW  The proposals are not in CP. Use a macro. | CP\_HS74\_CodeSeqPt4.docx |
| 1480 |  |  | March 18 2015: NEW | CP\_mr\_receiving\_coil.doc |
|  |  | 1. H Solomon | March 18 2015: NEW  Editorial change no need for CP DC adds new category for editorial change | CP\_HS75\_FigureC.23.2-1.docx |
| 1481 |  | 1. H Solomon | March 18 2015: NEW  Updates Pt 19 definitions for Expanded Code Sequence | CP\_HS76\_CodeSeqPt19.docx |
|  |  |  |  |  |

1. **New Business**

There was no new business discussed.

1. **Future Meetings**
   1. **T-cons  
        
      None Scheduled**
   2. **In-Person Meetings**

* March 23-27, 2015, Arlington, MITA HQ, VA, USA
* June 15-19, 2015, Malaga, Spain
* Sept. 14-18, 2015, Arlington, MITA HQ, VA, USA
* Nov. 9-13, 2015, Arlington, MITA HQ, VA, USA

1. **Adjournment**

The meeting was adjourned at 11.20.

Submitted by Stephen Vastagh, Secretary

Reviewed by Clark Silcox, Legal Counsel