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

*MINUTES-Rev[[1]](#footnote-1)*

###### DICOM STANDARDS COMMITTEE (DSC)

**April 8, 2014**

**NH Danube City Hotel**

**Vienna, Austria**

**Members Present – Manufacturers Represented by**

Carl Zeiss Meditec Karl-Heinz Fleischer

GE Healthcare Harry Solomon

Philips Healthcare Jeroen Medema

Pixel Med Publishing David Clunie

Siemens Healthcare Nikolaus Wirsz

Toshiba Medical Research Institute USA Kevin O’Donnell

**Members Present – Users Represented by**

American College of Radiology Charles Kahn

American Dental Association Gregory Zeller

European Society of Radiology Peter Mildenberger

Société Française de Radiologie Joel Chabriais

Deutsche Rontgengesellschaft Marc Kaemmerer for Elmar Cotter

**Members Present – General Interest Represented by**

JAHIS (Japan) Megumi Kondo

JIRA (Japan) Yukio Ito

Medical Imaging & Technology Alliance Stephen Vastagh

**Alternate Voting Member Representatives, Observers and Others Present**

Keith Thornton WG-13/Carl Zeiss

Bjorn Nolte WG-06/Siemens

Veeratrishul Allareddy WG-22/American Dental Association

Chris Bope WG-22/PaloDEx Group Oy

**Members Not Represented –Manufacturers Voting Representative**

\*Agfa Healthcare Geert Claeys

\*Bayer Radiology and Interventional Srikanth Mruthik

\*Boston Scientific Rahul Choudhury

\*Carestream Health Jonathan Belanger

\*Corista Eric Wirch

ETIAM Emmanuel Cordonnier

Fujifilm Medical Systems Masao Murata

Hologic Janet Keyes

\*Konica Minolta Medical & Graphic Michael Laconti

\*Leica Biosystems Dave Toomey

McKesson Medical Imaging Group David Heaney

\*MEDIS Medical Imaging Robert Goedhart

\*MediVision Medical Imaging Noam Allon

\*Merge Healthcare North America Ronald Cowan

\*Mitsubishi Electric Corporation Kazuhiko Nakane

\*Panasonic Healthcare Masayuki Takahashi

Philips Healthcare Jeffrey Pohlhammer

\*Sectra Krister Valtonen

\*Sony Corp. Michitada Kobayashi

\*SuperSonic Imagine Jacques Souquet

Varian Medical Systems Ulrich Busch

**Members Not Represented –Users Voting Representative**

American Academy of Ophthalmology Mark Horton

American Academy of Oral and Maxillofacial Allan Farman

\*American Association of Orthodontists Kirt Simmons

\*American Association of Physicists in Medicine Donald Peck

\*American College of Cardiology Andrew Keller

\*American College of Radiology Steven Horii

\*American College of Radiology Judith Wolfman

\*American College of Veterinary Radiology Dennis Ballance

\*College of American Pathologists Mary Kennedy

\*European Fed. of Org. for Medical Physic Alberto Torresin

\*European Society of Cardiology Nico Bruining

\*MISAT (Medical Image Stds Assn. of Taiwan Jack Hsiao

\*Radiological Society of North America Chris Carr

\*Society for Imaging Informatics in Medicine Paul Nagy

\*Spanish Health Informatics Society Marcial Garcia Rojo

**Members Not Represented-General Interest Voting Representative**

\*Brazil Nat’l Inst. of Science &Technology Alexandre Savaris

\*Canada Health Infoway Attila Farkas

China Institute for Medical Imaging & Comm. Stds Jianming Qu

\*India Centre for Development of Adv. J.S. Bhatia

Computing

\*Korean PACS Standards Committee Hee-Joung Kim

\*National Cancer Institute Carl Jaffe

\*U.S. Food and Drug Administration Kish Chakrabarti

\*Web3D Consortium Nicholas Polys

\* = Does not count toward a quorum at this meeting.

^ = Has not submitted Patent Agreement.

**Presiding Officers:** H. Solomon, Co-Chair-Industry
 C. Kahn, Acting Co-Chair-Users

1. **Opening**

The meeting was called to order at 9:00 am. The Secretary reviewed the antitrust rules. The Agenda for this meeting was approved. The Minutes of the previous meeting were approved.

1. **Administrative Matters**The term of the User Co-Chair is expiring. Messrs. Kahn (Chair), Cordonnier, and Zeller were reappointed as nominating Committee. Election to be completed by Dec. 1, 2014. The Committee was asked to submit nominations to the August DSC meeting; nominations from the floor will also be accepted.
2. **Election of New DSC Members**

The User membership of JSRT was approved upon JIRA’s recommendation, at no dues, with the commitment for assistance and hosting WG-29 meetings in Japan.

1. **Requests to Join Working Groups as voting members**

There were no such applications to join the WGs.

1. **New Work Item Proposals**
2. **New Work Item Proposals (NWIP)**

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| --- | --- | --- | --- | --- |
| **NWIP****Number** | **WG** | **Request** | **Discussion** | **Disposition** |
| 2014-04-A | 13 | MPEG-4 AVC / H.264 Video Coding |  | Approved |
| 2014-04-B | 18 | Addition of an IOD for Parametric Maps and Floating Point Pixel Data |  | Approved |
| 2014-04-C | 07 | Second Generation Brachytherapy | Not needed, original WI covers it. | Withdrawn |
| 2014-04-D | 07 | Second Generation Ion Radiotherapy | Not needed, original WI covers it. | Withdrawn |

1. **WG-06 (Base Standard) Report**

The detailed report of the Chair, Bas Revet was reviewed; it is posted in the meeting folder.

The Committee thanked B. Revet for the comprehensive report and thanked WG-06 for its work.

1. **Reports from the Working Groups**

The Committee reviewed the WG activities based on the written reports submitted and on verbal reports of participating members present.

Highlights:

* WG-05 - should all media types except CD be retired? No discussion or decision.
* WG-10
	+ ISO is looking for revenue from all standards. There was a consensus that DICOM would rather give up the ISO wrapper than agree to charge for the Standard.
	+ Conformance –should DICOM take a role in owning testing and tools? It was asked what problem(s) would that solve. FDA’s interest in interoperability was cited and the expectation that FDA will require self-, and/or 3rd party certification. DICOM may want to provide consistent guidance for completing FDA Form 3654 for interoperability. The goal is to certify DIOCM conformance through approved labs or self-testing. It was argued that if DICOM included had such certification, China may have simply accepted its use. Siemens suggested levels of conformance instead of all or nothing. It was also noted that interoperability is more of a patient safety issue in other areas but not so much in imaging.
* WG-22 – reported the need for UDI standard representation in DICOM. It was decided that a CP should be written.

1. **XML Encoding of the DICOM Standard**

D. Clunie demonstrated the converted format.

1. **Related Organization Reports – DICOM Related Activities**

ACR and JAHIS provided reports.

1. **New Business**

No new business.

1. **Time and Place of Future Meetings**

August 27, 2014, Chengdu, China

Dec. 4, 2014, Chicago @ RSNA

1. **Official Visit of the European Connectathon**

The Committee visited the European Connectathon and received briefings on its organization and the tools used.

1. **Adjournment**

The meeting was adjourned at 5:00 p.m.

Submitted by Stephen Vastagh, Secretary

Reviewed by counsel: Clark Silcox

1. Editorial only [↑](#footnote-ref-1)