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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/)  [**dicom@medicalimaging.org**](mailto:dicom@medicalimaging.org) |

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

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

**August 27, 2014**

University of Electronic Science and Technology of China (UESTC)   
Chengdu, China

**Members Present – Manufacturers Represented by**

AGFA Healthcare Brad Genereaux for Geert Claeys

Carl Zeiss Meditec Karl-Heinz Fleischer (by proxy)

GE Healthcare Harry Solomon

Pixel Med Publishing David Clunie (by proxy)

Philips Healthcare Lingzi Zhang

Siemens Healthcare Chi Zeng for Nikolaus Wirsz

Toshiba Medical Research Institute USA Kevin O’Donnell

Varian Ulrich Busch (by proxy)

**Members Present – Users Represented by**

AAOMR Allan Farman by Proxy

American College of Radiology Charles Kahn

American College of Radiology John Carrino (by proxy)

American Dental Association Gregory Zeller

European Society of Cardiology Peter Mildenberger (by proxy)

Société Française de Radiologie Joel Chabriais

MISAT Jack Hsiao

**Members Present – General Interest Represented by**

CIMICS Jianming Qu

Medical Imaging & Technology Alliance Stephen Vastagh

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

AGFA Healthcare Jay Zeng

AGFA Healthcare Lei Yang

China Medical Standardization-XRay Shaoyang Meng

CIMICS/Goldisc Jonnie Liu

First Hospital of China Med. Univ. Heqing Auang

GE Healthcare Yongjian Bao

GE Healthcare Yun Luo

GE Healthcare Xiaochao Zhang

Toshiba Wei Li

UESTC/Goldisc Irene Pan

UESTC/Goldisc Lixin Pu

United Imaging Dhezen Lz

Univ. of Washington (State) Leo Liu

Zheijang Chinese Medical School Jinyan Zhang

**Members Not Represented –Manufacturers Voting Representative**

\*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

Infinitt Healthcare Jung Bin Kim

\*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

\*Panasonic Healthcare Katsuya Watanabe

\*Sectra Krister Valtonen

\*Sony Corp. Michitada Kobayashi

\*SuperSonic Imagine Jacques Souquet

**Members Not Represented –Users Voting Representative**

\*American Academy of Ophthalmology Mark Horton

\*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 Balance

\*Brazilian College of Radiology Alexandra Monteiro

\*College of American Pathologists Mary Kennedy

Deutsche Rontgengesellschaft Elmar Kotter

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

European Society of Cardiology Nico Bruining

\*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

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

Computing

JAHIS (Japan) Megumi Kondo

JIRA (Japan) Yukio Ito

\*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 was approved. The Minutes of the previous meeting were approved.

* 1. **Administrative Matters**Report of the Nominating Committee for Election of User Co-Chair: Lawrence Tarbox and James Philbin were presented by the Nominating Committee as qualified candidates. There were no nominations from the floor. The DSC authorized the Letter ballot.
  2. Report on WG Co-Chair Ballots

There are Letter ballots pending to elect Manufacturer Co-Chairs for WG-13 and WG-07 Ion Group.

* 1. The Secretary reported on continued increase in the number of meetings and t-cons keeping projects such as the new website from progressing as keeping up with the most important administrative work and the t-cons and meetings is already beyond the normal workload for the Secretary and the DICOM Assistant, who is learning at a remarkable pace. The Secretary’s planned retirement and the succession was discussed. The chair asked to arrange a meeting of the Executive Committee with the MITA Executive Director.

1. **DSC membership applications.**

A pending application will be presented to the DSC at the next meeting.

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

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| **New Work Item Proposal**  **Number** | **WG** | **Proposal Title** | **Discussion** | **Disposition** |
| 2014-08-A | 16 | MR Diffusion Tractography Storage |  | Approved |
| 2014-08-B | 16 | Imaging-Based Functional Assessment Procedures | An already approved fMRI Work Item was identified (2010-04-E). The DSC needs clarity of the relationship of the proposal to that Work Item. | Not Approved |
|  |  |  |  |  |

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 written WG reports (2, 3, 7, 9, 13, and 15) posted in the meeting directory. The Committee thanked the Chairs of these WGs for their reports.

The highlights of the additional verbal reports follow:

* WG-08 - Preparations are complete for achieving PC for Sup 155 in September.
* WG-10
  + Recommended to the DSC that DICOM participate in drafting a New ISO Work Item for developing a System of Standards for Clinical Imaging Interoperability that would be guidance for governments for specifying regulations.

The DSC unanimously approved the recommendation.

* + Reported to the DSC the approval of an Ad-Hoc Group to develop a detailed proposal for a project inside DICOM in the area of conformity assessment. Also develop guidance for completing FDA Form 3654 for interoperability.
* WG-20 – reported on the work supporting Sup 155. Will circulate Sup 155 within HL7 for comment only.
* WG-21 – reported on new work on Multienergy CT Object Storage.
* WG-22 – Expecting needed codes for CP-375 from SNOMED in Jan. 2015. Will write CP for 3dXR Object for dentistry. ISO created 5 subcommittees for computer applications in dentistry; ADA is participating. Image gently has expanded to dentistry.
* WG-27 – Continues development of web services for DICOM.
* WG-28 – Continues work on defining patient absorbed dose in radiation emitting imaging modalities.
* WG-29 – Developed detailed outline for 2015 DICOM Conference focusing on web service capabilities of DICOM.

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

6.1 CIMICS reported on DICOM conformity testing using tool developed by Goldisc for testing 48 elements from Modality Worklist to be carried into image object instances. Hospitals are not required to purchase DICOM compliant equipment but will increase overall hospital evaluation score if imaging informatics is DICOM compliant. The Chinese government intends to include images in the EHR (the logical multi-institutional patient data set).

There are at least two agencies with authority over HIT implementation (including DICOM usage and testing):

* EHR/EMR implementation related authority (National Health and Family Planning Commission
* Product registration related (CFDA)

Both must follow general guidance of the 12th 5-year Plan of China.

* 1. Education – DICOM News distribution in China

CIMICS will establish a “WeChat” account for DICOM news distribution.

* 1. The DSC expressed its appreciation for CIMICS sponsorship of the DICOM Workshop in Chengdu (August 25.)
  2. MISAT – Taiwan reported on limited ability to introduce new PACS features as the clinical users are fully equipped and no major replacement of existing equipment is likely in the near future.
  3. JIC – looking to DICOM to provide terms in the Standard
  4. FDA - members reported on Form 3654 for interoperability declaration

1. **New Business**

No new business.

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

Dec. 4, 2014, Chicago @ RSNA

May 2015 with HL7, Paris, France

DSC - May 10, 2015 with HL7, Paris, France  
WG-20 – May 11  
WG-10 & WG-29 – May 12  
WG-20 & WG-27 & HL7/FHIR – May 14

Aug. 31 – Sept. 2, 2015

Follow-up on invitation from Korea

Dec. 3, 2015 at RSNA, Chicago, IL

1. **Adjournment**

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

Submitted by Stephen Vastagh, Secretary

Reviewed by counsel: Clark Silcox

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