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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 WG-06

(Base Standard)

Joint with

**DICOM WORKING GROUP WG-11**

(Display Function Standard)

**April 29, 2015**

**Members Present Represented by**

ACR James Philbin

GE Healthcare Harry Solomon

PixelMed David Clunie

Philips Healthcare Wim Corbijn

Philips Healthcare Joe Luszcz, Chair WG-11

Siemens Healthcare GmbH Bjorn Nolte

Siemens Healthcare GmbH Andreas Klingler WG-11

**Members Not Present Voting Representative**

Agfa Healthcare Robert Horn

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**

Ynse Hoornenborg Philips WG-11

Luiza Kowalczyk DICOM SECRETARIAT/MITA

Jonathan Whitby Vital Images (Toshiba) WG-11

**Presiding Officers:** David Clunie, , CP Manager

# **Opening and Administrative**

The Chair called the meeting to order at 10.00 USA Eastern Time. The Secretary reviewed the antitrust rules.

The purpose of this t-con was to continue to develop the Final Text of Supplement 156.

# **Supplement 156**

The latest version of Supplement 156 with changes marked in the document since the end of the March 27 review session has been uploaded to the FTP site. It is posted in the meeting folder with today’s date: The name of the document is : sup156\_PlanarMPR\_20150429\_0900\_ChangesOn.docx

The revised and renamed document: sup156\_PlanarMPR\_20150429\_1200\_EndTCon.docx after today’s meeting has been also uploaded to the same meeting folder.

**Sup 156 Sections discussed**

**Table C.11.x8-1**

VOLUMETRIC PRESENTATION STATE DISPLAY MODULE ATTRIBUTES

Alpha LUT Transfer Function

LUT Descriptor

Presentation LUT Shape

c) Presentation LUT Attributes

**Table C.11.x9-1**

VOLUMETRIC GRAPHIC ANNOTATION MODULE ATTRIBUTES

Volumetric Annotation Sequence

Volumetric Presentation Input Annotation Sequence

Volumetric Presentation Input Index

**Table C.11.xA-1**

PRESENTATION ANIMATION MODULE ATTRIBUTES

Presentation Animation Style

Animation Curve Sequence

Volumetric Curve Points

**X.2.1.3.1.2 Compositor Components**

Figure X.2-4: RGB Compositor Component

Internal Structure of Components

Internal Structure of Classification Components

**X.2.1.3.2.2 Internal Structure of RGB Compositor Component**

Count = (C1 \* Weight1) + (C2 \* Weight2) -

The sum of the normalized Weight1 and Weight2 shall be no greater than 1.0.

The color input values are normalized because the number of output bits from the RGB Palette Color Lookup Tables may be different in each classification component.

The output of the compositor shall be range-limited (“clamped”) to ensure that the outputs are guaranteed to be within a valid range of color values regardless of the validity of the weighting transfer functions. This isolates subsequent compositor components and the Profile Connection Space Transform from overflow errors.

Additional Volumetric Considerations – no change made

Volumetric Animation

**Figure X.3.2-1: Input Sequence Animation**

Presentation Sequence Animation

Crosscurve Animation

Display Layout

Behavior of an SCP

Conformance

Conformance Statement for An SCU

Conformance Statement for An SCP- no change made

**PART 6**

The following attributes have been changed:

FL to FD & OF to OD; UL for unlimited; US is fine for Index

**PART 16**

CID 7010 Key Object Selection Document Title:

Proposal for adding:

DCM Sup 156 xx01 – Collection of Presentation States - This Key Object Selection Document references Presentation State instances that are related, which may or may not share a value of Presentation Display Collection UID (0070,x101) or Presentation Sequence Collection UID (0070,x102).

PART 17

VOLUMETRIC PRESENTATION STATES (INFORMATIVE) is fine.

The discussion ended on Part 17, page 65 and another t-con has been scheduled to finish reviewing Sup 156.

1. **New Business**

There was no new business discussed.

1. **Future Meetings**

* **T-cons**

Wednesday, May 6, 2015 10.00-12.00 USA ET

**Secretary Note: The invitation will also be sent out to WG-11.**

Tuesday, June 2, 2015 12.00-14.00 USA ET

* **In-Person Meetings**

June 15-19, 2015, Torrwemolinos, 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 11.50 USA ET.

Submitted by Luiza Kowalczyk, Secretary

Reviewed by Clark Silcox, Legal Counsel