

Meeting MINUTES

DICOM WORKING GROUP SIX

(Base Standard)

June 6-9, 2011

Arlington, Virginia

Members Present	Represented by	Tc	M	T	W	T	F
Agfa Healthcare	Robert Horn		X	X	X	X	
CoreLabs	David Clunie		X	X	X	X	
GE Healthcare	Marie-Jose Lacroix		X	X	X	X	
JIRA	Makoto Suzuki		X	X	X		
Konica Minolta Med. Imaging	Michael Laconti		X	X	X	X	
Merge Healthcare	Ronald Cowan		X	X	X	X	
Philips Healthcare	Bas Revet		X	X	X	X	
Siemens Healthcare	Bjorn Nolte		X	X	X	X	
Toshiba Medical Research Institute USA	Kevin O'Donnell		X	X	X	X	
Carl Zeiss Medical Software	Tobias Kurzke				P	P	
Members Absent	Voting Representative						
Burgert, Oliver	Oliver Burgert (Innovation Center Computer Assisted Surgery (ICCAS))						
DatCard Systems	Jere Darling						
*Societe Francaise de Radiologie	Joel Chabriaux						

Others Present	Affiliation	Tc	M	T	W	T	F
Uli Busch	WG-07-Varian Medical Systems International			P	P		
Joel Friedman	WG-01/Lightlab Imaging					P	

Hideki Hamada	WG-13/Panasonic				P			
Mark Horton	WG-09/Indian Health Service					X	X	
Yijun Huang	WG-09/Univ. of Wisconsin					P		
Florian Knicker	WG-13-Panasonic				P			
Satoshi Kondo	WG-13/Panasonic				P			
Flora Lum	WG-09/AAO					P	P	
Isao Mori	WG-01/Terumo						P	
Tom Probasco	WG-01/Dimatics					X	X	
Christof Schadt	WG-07/Brainlab					P		
Harry Solomon	WG-26, etc/GE Healthcare			P	P	P		
Bob Steinbrecker	WG-01/Lightlab Imaging						P	
Don Van Syckle	WG-09/DVS Consulting					X	X	
Katsuya Watanabe	WG-13/Panasonic				P			
Stephen Vastagh	MITA Staff			X	X	X	X	

(* = Does not count toward a quorum, P = Phone and/or web, X = Present)

Presiding Officer:

Bas Revet, Chair

1. Preliminary Events

Participants identified themselves and their employers. The secretary reported that a quorum was present.

Members approved the agenda as presented (version 4).

Members reviewed the minutes from the WG-06 meeting held in April 2011, suggested some minor editorial changes, and approved them as modified (Rev1).

2. NEMA Staff Report

Committee Secretary Stephen Vastagh reported on ballots that were distributed following the April 2011 meeting of WG-06. All ballots closed ballots met DICOM's quorum requirements.

BALLOT Closed	APPROVE	DISAPPROVE	ABSTAIN	COMMENTS
Sup150	31	0	2	4
Sup153	31	0	4	0

3. Letter Ballot Package #61 from April (currently being balloted.)

All CPs listed below were included in Letter Ballot Package 61. That ballot will close, on June 10, 2011 and will be reported at the August 2011 WG-06 meeting.

CP	Name
993	Specific Character Set in PPS N-SET
1041	Add 'Image Comments' to Four Measurements Objects
1042	Add Colors to Visual Acuity Background
1089	Clarify Use of ESC

1090	Allow Image IODs to Reference Multiple Irradiation Event UIDs
1091	Other Language Code Meanings Not Translations
1094	Hanging Protocol Range Selector Cannot Be Date or Time
1096	Correct Breed Codes
1097	CID 3829, 3839, 3840 Structure of Anatomy
1098	Clarify Behavior of HP Filter-by Operator If the Selected Attribute Value Is Absent
1099	Allow SCOORD on WSI Total Matrix
1100	Add Pericardial Effusion to Echo SR
1101	Acquisition Duration Units in Enhanced US
1102	Correct LOINC Code Meanings
1103	Pixel Intensity Relationship LUT Number of Items
1104	Add Paddle Identification for Mammography
1107	No Human Readable Label for Irradiation Events in CT Dose SR
1113	Correct Lead III Code

4. [Change Proposals Approved to be included in Ballot Package #62 to be Issued](#)

The group reviewed the CPs that were in the VP (Voting Package) coming into this meeting and after some slight modifications, members voted unanimously to include the following CPs in the next Letter Ballot, to be designated as **Ballot Package #62** for legal review and distribution for voting soon after this meeting.

CP	Name
1064	Float VR in Numeric SR Content Items
1085	Clarify CT Acquisition Types
1109	Correct Figure Numbers in PS.3.3
1110	Encoding Undefined Length Empty Items and Sequences
1111	Correction Palette LUT Descriptor Description
1116	RT Image Higher Precision Current and Time
1117	Transform Inversion Correction
1118	Recorded Brachy Applicator Terms
1119	Registration Fiducials Reference Macro
1120	Source Distance in General Accessories
1121	Dose Scope Indicator
1122	Referenced Reference Image Sequence Tag
1124	Add Standard for DICOM Reference
1125	Add Protocol Name to SR Series
1128	Relax CR/LF Requirement in Part 5
1129	Correct Part 5 Rule on Group 0004 in Sequence
1130	Clarify Referenced Image Sequence Usage as Additional DICOMDIR Keys

5. [Change Proposals moved to VP \(Voting Package\) for August 2011](#)

During this meeting, members of WG-06 reviewed the following assigned correction proposals and, after some modifications, voted to include them in the WG-06 **Voting Package for August 2011**:

CP	Name	Assigned to or Outcome

1095	Duplicate Exposure Time Codes	R. Horn
1131	Leaf Position Boundaries Clarification	U. Busch/WG-07
1132	High Dose Technique Type Clarification	U. Busch/WG-07
1133	RT ROI Identification Sequence Baseline CID Clarification	U. Busch/WG-07
1134	Correction of RT Ion Plan Module Table	U. Busch/WG-07
1135	Extensions of Pitch and Roll Attribute Description	U. Busch/WG-07
1136	Correct Channel Time Tag number	U. Busch/WG-07
1137	Structure Set Relationship Sequence	U. Busch/WG-07
1138	Average Beam Dose Parameters	U. Busch/WG-07
1139	Part 16 VM 2-n	H. Solomon
1140	Part 16 Consistency Clean-up Annex A	H. Solomon
1141	Part 16 Consistency Clean-up Annex C	H. Solomon
1142	Add Context Group for Cardiac Sync Technique	H. Solomon
1143	Change NCDR Nomenclature to SNOMED	H. Solomon
1144	Correct Wall Motion Codes CID 3703	H. Solomon
1145	Add Informative SNOMED Numeric IDs	H. Solomon
1146	Enhance Cardiovascular Procedure List	H. Solomon
1147	Observation UID	H. Solomon
1149	Add Staining Equipment and Protocol Codes	H. Solomon
1150	Inconsistent Raw Data Reference in Enhanced PET	B. Revet
1151	Correct Condition for “Number of Pulses” in TID 10003	B. Revet
1153	New Instance Reference Attribute in SOP Common	R. Horn
1154	Clarify usage of Referenced SOP Sequence in Storage Commitment	M. Jonas

6. Other Previously Assigned Change Proposals Discussed

The following change proposals were discussed and dispatched as noted:

<i>CP#</i>	<i>Title</i>	<i>Result</i>
906	Remove Summary from CID 7001	CP was cancelled
1077	Add CR Report Type to Dose SR and Relax Content Conditions	Assignment changed to Kevin O’Donnell. He will continue to consult WG-02 and WG-15
1105	Conformance Claim for SR-CDA Transform (Assignment changed to Bjorn Nolte – will consult with Helmut Koenig.)	Assignment changed to Bjorn Nolte
1143	Change NCDR Nomenclature to SNOMED (was discussed in the course of the discussion of Sup. 151. It was decided that CID 3746 will remain in Sup.151 as well as be included in CP-1143 to achieve increased visibility.	The CP was included in the VP. H. Solomon
1148	Add Pathology Protocol Codes	H. Solomon Continued
1153	New Instance Reference Attribute in SOP Common (Discussed on Thursday, revision made and approved for VP for August.)	Move to VP R. Horn assignment continues
1155	Alternate Calendar Systems	Cancel. R. Horn will prepare a replacement CP

7. Previously Assigned Change Proposals – Not Discussed

The following change proposals were not ready for review at this meeting and were held over for future consideration:

CP#	Title	Assigned to
145	Curve Data Value Representation Clarification	D. Clunie
235	Clarify NM detector start angle usage	J. Pohlhammer
296	Eliminate Duplicate Terms and Provide Missing Definitions	H. Solomon
375	Correct CID 4017 – Intra-oral Anatomy Modifier	K. O'Donnell
430	Additions to PS 3.16 for Cardiac Cath SR	H. Solomon
450	Correct Myocardium Mass	D. Sluis
464	Add SOP Common to the Print-related N-CREATEs	R. Horn
471	Add Common Finding Template	H. Solomon
591	Attribute Identifier List for Errors in Sequence Attributes	H. Solomon
596	Add Request and Schedule Information to Results and MPPS	R. Horn
597	Instance Availability Notification Structure	H. Solomon
757	Add RTSS ROI Feature UID	H. Solomon
802	Incorporate Fixes on 702 and 706	D. Clunie
804	Indicator for Cone Beam CT	K. O'Donnell
811	Note for Forwarders Regarding SCP-assigned Instance UIDs during N-CREATE	D. Harvey
812	Clarification that Pixel Padding Value Is a Raw Value before Any Transformations	D. Harvey
833	Transfer Syntax Availability and Selection for Q/R	R. Horn
836	Clarify Usage of Attributes for Normalized IODs	K. O'Donnell
838	Consistent Naming of Error Code Tables	K. O'Donnell
934	Fix Inconsistency of C-FIND Only Number of Patient Related XXX Attributes	D. Harvey
941	More Clarification of Instance References	D. Clunie
944	Extend Procedure Intent Context Group	D. Clunie
991	Clarify Handling of Private Data in the Retrieve Without Bulk Data Service	R. Horn
992	Clarify Allowable Length Values for Certain PDUs	K. O'Donnell
1005	Make Keywords Valid Java/C Identifiers	R. Horn
1006	Add Keywords to Command Dictionary	R. Horn
1013	RT Ion Beams Recording Clarifications	Continues- Assigned to WG-07
1030	Re-factor Common Attributes for Enhanced Images	B. Revet
1031	Use of OIDs and Non-ASCII Characters in Codes	R. Horn
1032	Fix Position Angle Sign Inconsistency in Mammography Image	K. O'Donnell
1066	Encoding of Attributes with Value Length > 64KiB with Explicit VR	R. Horn
1086	New DICOMDIR ZIP File Extension	R. Horn
1106	Assign a Namespace for Audit Schema Elements	R. Horn
1112	Add SR Structure for ROI Statistics	Continues- Assigned to H. Solomon
1113	Correct Lead III Code	H. Solomon
1115	Add Dose Reference Point Codes for CR/DR	K. O'Donnell
1123	Add Attributes and Codes for Dose Reports Generated during QA Scans	K. O'Donnell
1126	Corrections LOINC Codes Sup78	B. Revet
1127	Add Fields for Organ Dose to Dose SR	K. O'Donnell
1148	Add Pathology Protocol Codes	H. Solomon
1152	Additional document titles for Key Object Selection Document	R. Horn

8. New Change Proposals

The following new change proposals were reviewed and dispatched as noted:

File ID	CP Number assigned	Name	Assigned to or Outcome
HS31	1156	UUID as UID	H. Solomon
HS32	1157	Correct RT Plan Module Conditionality	H. Solomon
HS33	1158	Clarify RT Structure Set ROI Number	H. Solomon
HS34	1159	Correct Part 16 Codes	H. Solomon
HS35	1160	Degree sign in UCUM	H. Solomon
HS36	1161	Correct Plural Code Meanings	H. Solomon
HS37	1162	Correct Gyn History Code	H. Solomon
HS38	Will merge with 1169	Field of View Origin for Breast Tomosynthesis	Will merge with DAC171 >CP1169
HS39	1163	Conformance for Application Hosting	L.Tarbox & WG-23
HS40	1164	Coronary Artery codes	H. Solomon
HS41	1165	Clarify Coding Scheme Designator	H. Solomon
DAC168	1166	Allow Frame of Reference in Segmentation even if derived image references	D. Clunie
DAC169	1167	Coding scheme for UK NHS National Interim Clinical Imaging Procedures (NICIP)	D. Clunie
DAC170	1168	Device observer code meaning incorrectly capitalized	D. Clunie
DAC171	1169	Breast Tomosynthesis is missing X-Ray Receptor Type so condition on Field of View Origin is incomplete	D. Clunie- Discussed w/WG-15, awaiting response
DAC172	1170	Add AAPM 204 Size-Specific Dose Estimates to CT RDSR	D. Clunie – sent draft CP to AAPM M.McNitt-Gray
Directory Type..	None	Directory Type For Structured Display. (Decided that no need . Rob Horn will respond to G Zeilinger.)	R. Horn
Encapsulat e...	1171	Encapsulated Document Bulk Data	R. Horn
Incomplete	1172	Incompleteness of CP-1027	R. Horn
Clarify Total...	1173	Clarify basis for Total Fluoro Time and Total Acquisition Time in XA Dose Report	K. O'Donnell
WG-03...	1174	New PET Isotope and Radiopharm codes needed.	B. Revet

The list of CPs is posted in

<ftp://medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/Wg06/2011/2011-06-06>

9. [Supplement 153 – Blu-ray Disc Media Application Profiles {WIR 2006-04-G}](#)

The ballot results were presented. The Ballot passed. The Group reviewed the Supplement and after minor changes were decided it approved it as a **Final Text**. It will be posted on the web site by D. Clunie.

10. [Supplement 147 – Second Generation Radiotherapy {WIR 2007-06-B}](#)

The purpose of this review is to produce a draft for Public Comment.

WG-07 Chair, Uli Busch and Vice Chair Christof Schadt, by webmeeting, continued the review with WG-06 of this substantial supplement. This review started at the January meeting of WG-06 and continued at the April Meeting of WG-06. WG-07 requested 6 hours for this meeting but revised the request to reduce the discussion to 2 hours and submitted an additional request for 8 hours at the August meeting because WG-07 has a 4 day meeting coming up where much is expected to be accomplished.(note that the maximum time possible for a single topic at any WG-06 meeting is 6 hours.)

An extensive discussion took place about the Primary Fluence Mode Macro including the definition thereof. Some revisions were made; in addition, Messrs. Busch and Schadt will do further work off-line.

Several other sections were discussed with Mr. Busch explaining changes that WG-07 made mainly in response to WG-06 comments during the previous reviews. WG-06 continued to comment and revisions were decided. Many additional simple changes were made that were not reviewed at this time.

This Supplement will **return** to WG-06. Mr. Schadt will attend and represent WG-07 at the August meeting.

11. [Supplement 151 – Intravascular Optical Coherence Tomography \(IVOCT\) Image Storage SOP Class {WIR 2008-12-A}](#)

The purpose of this review is to produce a Final Text. Tom Probasco represented WG-01, in person, Gary Tierney of WG-01 participated by web meeting. This supplement was approved by Letter Ballot in March 2011. Today the Letter Ballot comments and WG-01 initial disposition thereof were presented by Tom. WG-06 has discussed each comment and revised some of the WG-01 initial disposition of comments. The final disposition of comments is recorded in the summary tabulation of comments that will be posted in the meeting folder. Mr. Probasco will make the changes by Day 4. The review continued on Day 4. In the course of discussion it was noted that DICOM does not support forward references and “other” as a multiple choice option. The final reading by WG-06 was completed. H. Solomon will provide CID codes to Tom and D. Clunie for the final text. It was also noted that the patient identification for clinical trials does not change; Supplement 142 applies. The Supplement was approved s **Final Text**.

12. Work Item Proposal

The Group discussed the development of the Work Item Proposal (WIP) that was prompted / requested by WG-27. This WIP will be developed by WG-06; it was assigned to David Clunie. David will develop use cases and draft language. This WIP will deal with the conversion of modality based single image IODs to objects similar to enhanced / multiframe objects. This will solve the heretofore unresolved problem of transition to enhanced multiframe objects. The topic will **return** for review of draft.

13. Supplement 152 – Ophthalmic Thickness Map Storage SOP Class {WIR 2006-04-G}

The goal of this review is approve the Supplement for Letter Ballot. No Public Comments were received in Dec. 2010. Don Van Syckle led the discussion and Mark Horton of WG-09 supported him in person. WG-06 conducted a detailed, line-by-line review with much discussion. Several members of WG-09 joined the discussion by web/phone conference. The Group approved the supplement for **Letter Ballot**.

14. Supplement 121 – Modality Procedure Plan and Protocol Storage {WI 2006-04-E}

This Supplement returned to today's Agenda after the discussion at the last WG-06 meeting. Kevin O'Donnell presented revisions that described the simple read/write, single values. He also reviewed the potential use cases:

1. Distributing departmental or "best practice" protocols to modality systems
2. Distributing clinical trial protocols (general purpose or scanner model specific) to participating sites
3. Recording protocol details for a performed study to submit with clinical trial images for technique validation
4. Recording protocol details for a performed study so the same or similar values can be used when performing followup or repeat studies
5. Troubleshooting image quality issues that may be due to protocol/technique
6. Backing up protocols from a modality to PACS or removable media (e.g. during system upgrades or replacement)
7. Making more detailed protocol information available to radiologists reviewing a study (and it's prior).
8. Making more detailed protocol information available to rendering or processing applications

David Clunie questioned the need for this Supplement and the role of WG-06. He argued that this supplement should be proposed by the CT or MR Groups; this was generally agreed to. D. Clunie suggested that there is no indication that the modalities would implement this supplement.

However, in further discussion GE and Siemens supported Toshiba on the need for some information about the protocols:

- GE – information that would help select the postprocessing software
- Siemens – information that would help the physician to select the right workflow,
- Toshiba - “Do it again” use case and Protocol management use case

D. Clunie noted that the differences in technology and equipment design results in great differences in protocols among brands, making writing a standard in this area very difficult; he recalled the CT-MR Enhanced Object standard development where this was experienced forcing the work to listing of individual factors for each vendor and looking for common items.

The discussion continued about the mechanics of this supplement, e.g. ways to avoid constraints in the process of the needed matching, etc.

There was a consensus for the need for the real information model and real world model before this could further proceed. It was suggested that the modalities should be asked to define what information they need to encode to define their protocols. The Supplement will **return**.

15. Review of Pending Work Items

Bas Revet has assembled a complete list of pending Work Items (WI). The Group discussed selected items as follows:

- 2001-06-C (WG-06) WG-06 will recommend to DSC to cancel
- 2001-11-A (WG-04) WG-06 will recommend to DSC to cancel
- 2002-09-D (WG-10) Reassigned to WG-06, active project
- 2005-12-D (WG-22) Bas Revet will discuss the plans of WG-22 with this WI
- 2006-04-F (WG-09) Flora Lum confirmed that this is an active project.
- 2006-09-B (WG-06) WG-06 will recommend to DSC to cancel
- 2007-11-A (WG-06) This corresponds to the Shared Value Sets in IHE. This is not specifically related to DICOM. Rob Horn will propose a course of action and strategy (probably a mapping between PS3.16 and IHE)
- 2008-04-D (WG-18) D. Clunie is lead; this item is active, needed, and work shall proceed

The Secretary thanked Mr. Revet for his research.

The list is posted in this meeting’s folder.

16. Other Supplements

The list and April 2011 status of the remaining active supplements is in Exhibit A. There was no discussion of these Supplements at this meeting. (The list of the status of supplements is also posted in the meeting folder.)

17. Future Meetings

The Group's future meeting dates and locations are as follows:

- August 16, 2011: Tcon for CPs, 10 a.m. EDT
- August 23-26 , Tuesday (8:30) – 26, Friday, (12:30 pm) at MITA.
- October 11, 2011: Tcon for CPs, 10 a.m. EDT
- October 24 – 28, 2011 at MITA.
- January 23 – 27, 2012 at MITA
- March 26 – 30, 2012 at MITA
- June 11 – 15, 2012 in Berlin
- August 27 – 31, 2012 at MITA (there may be a conflict for a member but it was decided that the rescheduling is not possible.)
- November 5 – 9, 2012 at MITA

Unless otherwise noted, meetings are scheduled from 8:30 a.m. to 5:30 p.m. each day; T-cons begin at times specified above and normally continue for two hours.

17. Next Meeting Agenda

A detailed agenda for the next meeting will be prepared at a later date. Anticipated topics for June are shown in the Agenda Plan for August 2011, which may be found in the meeting folder for the August meeting.

Upon reviewing the Agenda Plan it was decided that the August meeting will be shortened by one day; it will start Tuesday, Aug. 23, 8:30 am and will be scheduled to end Friday, August 26, 2011 at 12:30 pm.

The Agenda Items are planned to include: Sup124, -147, -148, -150, 152, 154.

18. Adjournment

The meeting was adjourned at 3:30 p.m. on June 9, 2011.

Reported by: Stephen Vastagh, Secretary
June 9, 2011

Reviewed by counsel: CRS 2011-06-15

EXHIBIT A Status of Certain Supplements not discussed at this meeting.

EXHIBIT A Status of Certain Supplements not discussed at this meeting.

Supplement 115 – Evidence Document SOP Classes {WI 2003-12-B}

Not discussed at this meeting. The supplement is under development by members of WG-06. It was last reviewed by WG-06 during a teleconference in November of 2010.

Supplement 124 – Communication of Display Parameters {WI 2004-12-B}

This document was last discussed at the WG-06 meeting in January of 2009. Forward progress was halted temporarily due to a job change for one of the champions and illness of the other. However, the situation ultimately was resolved and work has progressed. At this meeting, Kevin O'Donnell – accompanied by JIRA representatives Masatoshi Kanzaki and Yoshihiro Ishikawa (plus Norihisa Matsui via a phone link) presented version 13C of this document. Since the topic had not been considered for over two years, Mr. O'Donnell began with a short review of the document's scope, intent, and structure. Some of the key discussions revolved around the details of calibration, conformance requirements, hardware parameters, light sources, location of job results, etc. Unfortunately, because of the size and complexity of this document, only about 2/3 of the text could be discussed. Mr. O'Donnell and JIRA representatives will **return** at a future meeting to complete the review with the objective of winning authorization to issue it for Public Comment.

Supplement 129 – Electrophysiology Structured Reports and Procedure Log Templates {WI 2006-04-A}

Not discussed at this meeting. This supplement is under development by members of WG-01. It was approved for Public Comment in June of 2007. Due to the long period of inactivity, the Work Item was reviewed by the DICOM Standards Committee at its meeting in December of 2009. At that time, WG-01 co-chair Harry Solomon requested and was granted a one year extension of the Work Item to see whether a new champion could be found to move the Supplement's development forward.

Supplement 136 – DOT Mammography Storage SOP Class {WIR 2006-04-C}

This supplement is under development by members of WG-15. It was presented to WG-06 for a First Reading in January of 2008.

Supplement 139 – Enhanced XA/XRF IOD Informative Annex {WIR 2002-06-A}

On the last day of the January 2011 meeting of WG-06, Francisco Sureda completed the Final Text Review of Sup139. All who were present considered the document to be ready for Final Text. However, a quorum was not present at the time. Subsequent to this meeting, the document was mailed to members of WG-06 for a Committee Ballot, but an insufficient number of ballots was received to constitute a quorum. After a quick review during this meeting, members voted unanimously to approve the document as amended for **FINAL TEXT**.

[Supplement 148 – WADO via Web Services {WIR 2008-04-B}](#)

This supplement is being developed by members of WG-27 in conjunction with ISO-TC215-WG 2. It was last reviewed by WG-06 during its January 2011 meeting. On that occasion, Editor Rob Horn led a detailed line-by-line review of the document. A key question was concerned with how one might conduct a review of the schema associated with this supplement. Members thought it might be best to issue the supplement for trial implementation. Another issue was concerned with how to define the Conformance requirements. Additional work on Part 6 was required. At this meeting, Mr. Horn brought a new example that members found entirely acceptable. With this new addition, they unanimously voted to approve its distribution for **LETTER BALLOT**. **[The Letter ballot is due on June 10, 2011.**

[Supplement 149 – MPEG-4 Transfer Syntax {WIR 2008-09-B}](#)

This supplement is under development by members of WG-13. During its August meeting of 2010, members of WG-06 approved its distribution for letter ballot. That ballot was successful, and one set of comments was received. These comments were reviewed and resolved by WG-13 at its meeting in November of 2010. During a WG-06 teleconference on March 14, 2011, members who were present agreed that it was ready for final text, but a quorum was not present. After a quick review during this meeting, members voted unanimously to approve the document as amended for **FINAL TEXT**.

[Supplement 150 – Radiation Dose Related Information in Radiology Reports {WIR 2007-06-C}](#)

This supplement was presented to WG-06 in June of 2010 and distributed for public comment with a deadline of August 9, 2010. Four sets of comments were received. Supplement Editor Helmut Koenig presented version pc + 2 of the draft and led a line-by-line review of its contents. At the completion of this review, members voted unanimously to approve its distribution, as amended, for **LETTER BALLOT**. **[The Letter ballot is due on June 10, 2011.**

[Supplement 154 – Optical Surface Scanner Storage SOP Class {WIR 2010-04-F}](#)

Not discussed at this meeting. This supplement is being developed by members of WG-24. It was last reviewed by WG-06 in November of 2010.

[Supplement 155 – Templates for Imaging Procedure Reports Encoded in CDA](#)

On behalf of WG-08, Harry Solomon introduced a draft supplement on the topic shown above. This supplement introduces a new mechanism for specifying templates for imaging procedure reports. Such reports are intended to be encoded using the HL7 Clinical Document Architecture Release 2 (CDAR2, or simply CDA) Standard. The templates envisioned here will allow a professional society to normalize best practice for reports with appropriate quality for their use cases, including foreseeable secondary uses such as research or quality improvement. Ultimately, templates provide a conformance validation for instances of reports against the purposes (use case) of the template. They may also be used in the creation of reports; thus, an application may use the

template to guide authoring of the report, ensuring the entry or composition of essential reporting elements, and structuring that data into the target encoded format.

Mr. Solomon explained that the normative specification of this Part of the Standard consists of the XML schema representing a view of the structures used in an imaging report template (the meta-template schema). Documents compliant to that schema constitute report templates for specific types of reports. As the review proceeded, Mr. Solomon touched on:

Normative XML Meta-Template Schema

Meta-Template Table Transform to XML Report Template

Numerous Example Templates

One of the most recent additions to this document is the section on p.4 titled “Template Development Process and Use” and the associated figure. At the conclusion of this briefing, members assigned the document **Supplement # 155**.

[Supplement XXX Long-term Consistency](#)

Not discussed at this meeting. The topic was last discussed by WG-06 during its meeting in August of 2010. At that time, members urged Dr. Behlen to present it to WG-10 for consideration at its meeting on October 11, 2010 and, if appropriate, to the DICOM Standards Committee as a Work Item Request on October 12.

[Supplement XXX n Dimensional Presentations States – Joe Lucysz](#)

[Supplement XXX Context Group Terminology Service – R. Horn](#)

[Supplement XXX Contrast Injection SR – J. Kalafut](#)