MINUTES

DICOM WORKING GROUP TWO
(Projection Radiography and Angiography)

Version 1

Date: March 10, 2015 (joint WG-02, WG-28)
March 11, 2015 (WG-02)

Place: AGES – Division of Radiation Protection
Traisengasse 5
1200 WienAustria

Presiding Officer: Francisco Sureda, Chair

Members Present
ACR
AAPM
ESR
GE Healthcare
Philips Healthcare
Siemens Healthcare

Represented by
Donald Peck
Ioannis Sechopoulos
Annalisa Trianni (Secretary)
Francisco Sureda
R. Karthigai Balan
Heinz Blendinger

Alternate Voting Representatives, Observers, or Guests Present:
PACSHealth
Steve Massey
PACSHealth
Daniel Tuffelmire
1. Opening

- The meeting was called to order at 13.30 on March 10, 2015.
- Members identified themselves and their employers. A quorum was present.
- Members reviewed the agenda that was approved as such.
- The minutes from the meeting of September 29 - 30, 2014 in Erlangen, GE (see document WG-02-2014-09-29-Min.docx) has been reviewed and approved.

2. CP Review

- Members reviewed the advances of the CPs and new CPs related to the scope of WG-02.

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Submitted</th>
<th>Assigned</th>
<th>Coded</th>
<th>Status</th>
<th>Comments/Actions for WG-02</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP 1319</td>
<td>Frame Of Reference Reliability</td>
<td>Francisco Sureda, et al.</td>
<td>Ulrich Busch</td>
<td>Assigned</td>
<td>To contact Sven Flossmann to understand the situation of the CP. <strong>Action: Francisco Sureda</strong></td>
<td></td>
</tr>
<tr>
<td>CP 1412</td>
<td>LOINC code updates in SR templates and context groups</td>
<td>David Clunie</td>
<td>David Clunie</td>
<td>Final Text</td>
<td>Final text. No further action.</td>
<td></td>
</tr>
<tr>
<td>CP 1418</td>
<td>Add UDI (Universal Device ID) to objects</td>
<td>Kevin O'Donnell</td>
<td>Kevin O'Donnell</td>
<td>Assigned</td>
<td>Reviewed by WG-02. To follow up.</td>
<td></td>
</tr>
<tr>
<td>CP 1451</td>
<td>Remove retired Point Index List attributes in PS3.5 Annex A</td>
<td>Heinz Blendinger</td>
<td>Nolte</td>
<td>Assigned</td>
<td>No further action</td>
<td></td>
</tr>
<tr>
<td>CP 1452</td>
<td>Correct Recommended Presentation Opacity explanation</td>
<td>Heinz Blendinger</td>
<td>Nolte</td>
<td>Assigned</td>
<td>No further action</td>
<td></td>
</tr>
<tr>
<td>CP 1455</td>
<td>Add exposure attributes to X-Ray 3D Craniofacial Image IOD</td>
<td>Casertano</td>
<td>Casertano</td>
<td>Assigned</td>
<td>Reviewed by WG-02. To suggest WG-22 to modify the module C.8.21.3.3 to include the information required. <strong>Action: Heinz Blendinger</strong></td>
<td></td>
</tr>
</tbody>
</table>

A new CP should be created to clarify dose definitions in PS3.3. **Action: WG-28.**


- The supplement 167 was approved for Final Text at the WG-06 meeting in January, 2015. It’s already included in the annex TTT of the DICOM Standard, edition 2015a.

4. XA Protocol Storage XA (new supplement)

- Members discussed on the supplement for **XA Protocol Storage** (DICOM Work Item 2006-04-E) inspired on the mechanisms defined by the Sup121 “Modality Procedure Plan and Protocol Storage” of CT.
- Members decided wait for the CT document to be completed and to adapt it to XA.
- It was decided to explain how protocols are used today in DICOM in the different steps (worklist, equipment,…). **Action: Francisco Sureda**
5. **RDSR Implementation Guide**

- Members discussed the supplement to replace the Annex AA of Part 17 with guidelines to encode the RDSR object on the different equipment configurations (Angio, Mammography, surgical mobile, CR/DR). It will cover various clinical scenarios (e.g. repeat/reject analysis) and dataflow.
- The current working document is *SupXXX_RDSR_Informative_Annex_AA_Draft02_20151103.docx*. It contains three sections to be completed:
  - First section “*User needs in terms of reporting*” *(Action: Donald Peck, Ioannis Sechopoulos, Alberto Torresin, Annalisa Trianni)*
  - Second section “*Define the landscape of all types of equipment configuration*” *(Action: Francisco Sureda)*
  - Third section “*Examples of filling content items from real world scenarios*” *(Action: Heinz Blendinger, Francisco Sureda)*

Se the document for more details.
- The submission will be considered after the enhanced RDSR is completed.

6. **Follow –Up Topics**

- **Injector Record SR**: No updates since last meeting.
- **Sup 156: Planar MPR Volumetric Presentation State**: The next supplement in the family of volumetric presentation states is Sup 182 for Curved MPR. WG-02 will follow up the advances of this work.
- **IHE REM Profile**: No updates since last meeting.

7. **WG-28 Physics joint discussion**

- **Extensions to the X-Ray Projection RDSR**: Members reviewed the possible extensions to the XA RDSR. See the document *Dose_SR_enhancements_for_P-RDSR_2015_03_11.xlsx*. It was discussed the possibility to include a fixed Room Coordinate System to facilitate the calculations of patient dose. It was decided to not include it for the moment.
- **Cone Beam 3D**: No updates since last meeting.
- **Operator Dose**: No updates since last meeting.

8. **Reports from liaisons with other groups and organizations**

- No updates since last meeting.

9. **New Work Items for WG-02**

- No new work item.
10. Planned Meeting Dates in 2015

Members continued defining the calendar for 2015 meetings.
- **June 1 to 3** at NEMA Headquarters, *Washington DC* (right after SIIM)
- A Tcon will be organized in **August** if needed
- **Sept 21 to 23** in *Barcelona* – to be confirmed

Refer to the document *NextMeetingsWG-02_2015_rev05.pptx* for a more detailed planning of the next meetings and interactions with the DSC, WG-06, WG-11 and WG-28.

11. New Business

- No new business.

12. Adjourn

The meeting was adjourned at 5 pm on March 11, 2015

Submitted by Annalisa Trianni, Secretary
Reviewed by Clark Silcox, Legal Counsel