

**IHE-RO Technical Committee
Conference Call Minutes
Thursday, Aug. 27, 2009
1:00-2:00 PM (EDT)**

**Technical Committee Chairs:
Bruce Curran, MS, ME
Stuart Swerdloff, PhD**

In Attendance:

Sunita Ranjitkar (ASTRO)
Stuart Swerdloff (Elekta)
Walter Bosch (ATC)
Chris Pauer (Tomotherapy)
Christof Schadt (BrainLAB)
Harold Beunk (Nucletron)
Uli Busch (Varian)
Koua Yang (Philips)
Sanjay Bari (IMPAC/Elekta)
Ashutosh Shirsat (Siemens)
Justin Cambra (Accuray)
Julio Almansa (SEFM)

- I. Call to Order 1:05 pm EDT
- II. Integration Statements
 - a. Integration Statements are to be posted on vendor web sites *after successful testing at the Connectathon.*
 - b. Draft Integration Statements aid judges in planning connectathon testing and demonstrate that they exist.
- III. Test Tools
 - a. Test data is inadequate - E.g., Inconsistencies between CT and Plan FOR – limits testing with Consumer Actors
 - b. Experience with tools – Installation OK, but it is not clear how comprehensive rule checking is.
 - c. Advanced submission of test tool results
 - Demonstrate Actors' readiness for testing (avoid wasting others' time)
 - AOI Consumer Actor testing is limited by availability of test data
 - AOI Producer Actor test results are used to “calibrate” test tools for connectathon (flag marginal issues)
 - Walter to send email to TC requesting **submission of test results (email to Walter and Bruce) by Sept. 7 for all Actors to be tested at the connectathon**
 - Archive Actors may be tested using vendor data that passes Producer Scenarios in test tools.

- IV. Technical Framework Document: Public Comment to TF 3.0 and Advanced RT Objects Interoperability Supplement (updated documents have been posted to the BBS)
- For many beam techniques, Beam Limiting Device Type is restricted to ASYMMETRIC. Is this restriction needed?
 - Electron Beams: how are electron applicators handled? How field sizes specified? → Electron Beam Actors will not be tested in 2009 connectathon. Pending CPs in DICOM WG-7 are to be submitted to WG-6 Fall 2009. Actors remain in (trial implementation) supplement to avoid disruption to numbering scheme.
 - Machines with only one primary collimator. Need more concrete specifications on how to handle the class of machines with one primary jaw pair (that use MLCs for the other dimension). → Uli to create new thread on BBS to discuss this issue → Vendors (Siemens and Elekta) need to specify what is required for these machines: (Ashutosh to post Siemens requirements to BBS 8/28.)
 - Final Cumulative Meterset Weight should be R+
 - Reference Dose in Control Point sequence (should this be R+? O+?)
 - Should Patient Setup module be required? No.
 - Image references RT Structure Set for 2008 → Uli will post RT Structure Set test data for 2007/2008 Profile Testing at connectathon
- V. Future Meetings
- IHE-RO 2009 Connectathon Schedule:
 - September 14 from 10:00am-5:00pm Test Committee meeting (vendors are welcome to set up)
 - September 15, 2009 from 8:30am-5:00pm Set up
 - September 16, 17, 18, 19, and 21, 2009 from 9:00am – 5:00pm – Connectathon Testing
 - September 22, 2009 8:30am-5:00pm **IHE-RO Technical Committee Meeting**
 - IHE-RO 2009 TC Face-to-Face Meetings:
 - IHE-RO Technical and Planning Committee Meeting – Monday, Nov. 2, 2009 at 9:00 – 10:00 AM (ASTRO Annual Meeting – Hyatt Regency, McCormick Place, Room#CC10C) – no IHE-RO booth is planned at this time. **Bruce → confirm status of IHE-RO booth and publicity at ASTRO.**
 - Nov. 5-7, 2009, post-ASTRO at RSNA (820 Jorie Blvd, Oak Brook, IL 60523-2251, near the junctions of I-294, I-290, and I-88)
 - Jan 25-29, 2010, tentatively in California (Mt. View, Palo Alto, Sunnyview)
 - IHE-RO Potential Future Teleconferences:
 - Wednesday, October 14, 2009 (12:00 - 2:00 p.m. EDT)
 - Wednesday, December 2, 2009 (12:00 - 2:00 p.m. EST)
 - Related Meetings:
 - ESTRO Aug 30 – Sep 3, 2009, Maastricht, NL

- ASTRO Annual Meeting, Nov.1-5, 2009, Chicago, IL

VI. Adjourned 2:30 pm EDT
