

**QIBA Ultrasound Shear Wave Speed (SWS)
Phantom-System Measurement Testing**

Monday, January 14, 2013; 1 PM CT
Draft Call Summary

In attendance

Brian Garra, MD (Co-Chair)

Timothy J. Hall, PhD (Co-Chair)

S. Kaisar Alam, PhD

Michael Andre, PhD

Jeremy Bercoff, PhD

Paul Carson, PhD

Shigao Chen, PhD

David Cosgrove, MD

Steven E. Fick, PhD

Anis Hadj Henni, PhD

Ted Lynch, PhD

Steve Metz, PhD

Andy Milkowski, MS

Thomas Nelson, PhD

Nicolas Rognin, MSc, PhD

Laurent Sandrin, PhD

Daniel C. Sullivan, MD

Keith Wear, PhD

Hua Xie, PhD

RSNA

Joe Koudelik

Julie Lisiecki

Approval of last call summary, 12/10/2012 - with one amended comment: *On the 1/7/2013 Technical Committee call, it was agreed that Duke University (Drs. Palmeri and Nightingale) would be the first to measure ALL of the phantoms, including the MRE phantoms, prior to shipping them to their individual sites. Funding for shipments is TBD.*

Update on Phantom Preparations:

- Dr. Lynch has made all of the SWS phantoms. They are curing / prior to shipment, which will occur by early next week, (1/21).
- Estimated timeline:
 1. Drs. Palmeri and Nightingale hope to have preliminary measurements done on all phantoms within one week (by1/28).
 2. Phantoms will then be shipped overnight to their respective scan sites. Projected ship date to eight domestic and three international sites is 1/28.
 3. Upon receipt, each site will have approximately one week to complete their measurements.
 4. The group hopes to have all measurements completed by 2/4.
- Mr. Milkowski to finalize imaging protocol and distribute for review; scanning requirements need review.
- The next step will be to follow up on lossy materials after data has been collected from current experiment.
 - Dr. Sandrin will discuss this topic on the next Phantom Subcommittee call, 2/11.

Other Considerations:

- Funding for phantom shipping has not yet been determined for this project. Dr. Carson has suggested that QIBA fund the shipping (\$2000); however, this was not a pre-budgeted QIBA item. A funding proposal will need to be submitted to the QIBA Steering Committee for review and consideration.
- Dr. Hall suggested an ad-hoc meeting of those most closely involved with the experiment to review the protocol in detail; suggested dates and times TBD by Dr. Hall
- Publication authors will be challenging to determine; the co-chairs will meet to discuss selection of lead authors.

Next Steps:

- Dr. Hall to determine whether or not an ad-hoc meeting is needed and propose times
- Mr. Milkowski to circulate updated protocol to group for review
- Dr. Lynch to begin shipment process either 1/18 or 1/21.

Next call for QIBA US SWS PSMT Subcommittee: *Monday, February 11, 2013 at 1 pm CT.*

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Upcoming QIBA US SWS Calls – February 2013

Date	Time (CT)	Day	Committee/ Subcommittee	Moderator
2/08/2013	11:00 am CT	Friday	US SWS Technical Committee	Dr. Hall
2/11/2013	1:00 pm CT	Monday	Phantom System Testing & Measurement Subcommittee	Dr. Garra
2/15/2013	11:00 am CT	Friday	System Dependencies Subcommittee	Dr. Wear
2/18/2013	1:00 pm CT	Monday	Clinical Applications & Biological Targets Subcommittee	Dr. Samir