

**QIBA Ultrasound Shear Wave Speed (SWS)  
Phantom-System Measurement Testing  
Monday, September 16, 2013; 1 PM CT  
Call Summary**

**In attendance**

Brian Garra, MD (Co-Chair)	Paul Carson, PhD	Daniel Sullivan, MD
Timothy J. Hall (Co-Chair)	Shigao Chen, PhD	Keith Wear, PhD
Michael Andre, PhD	David Cosgrove, MD	Hua Xie, PhD
Jeremy Bercoff, PhD	Ted Lynch, PhD	

**RSNA**

Joe Koudelik  
Julie Lisiecki

**Agenda, September 16, 2013, Monday, 1 pm CT - (Provided by Dr. Garra)**

1. Review of summary from previous meeting—all
2. Final conclusions regarding depth dependencies from elastic phantom study
  - a. Within the elastic phantoms
  - b. By Ultrasound System
    - i. Transducer
    - ii. Processing algorithm
3. Final conclusions regarding intersystem dependencies of SWS from elastic phantom study
4. Status report on phase II phantom procurement and specifications --- Garra, Hall
  - a. See specifications—specifications were required by 9-12-13
  - b. Bid process
5. New potential phantom materials
  - a. Cedric Schmitt -- complex structure phantom for testing (*not available*)
  - b. Ted Lynch –new phantom material from collaboration with Shigao Chen
6. Assemble protocol design team for phase II.
7. Other
8. Adjourn

**Summary/Action Items:**

Final specifications for the phantom(s) to be ordered by the FDA were discussed.

Dr. Garra needs group input re: Phase II phantom performance details in order to finalize the proposal for FDA funding

Dr. Lynch to provide details to Dr. Garra for FDA proposal immediately after the call

- Per government rules, it is likely that the lowest-priced bid will be selected

For Friday's discussion if FDA feedback is available, group members to consider next phase of the experiment in terms of **stability and tolerance**

The group is still working to resolve questions regarding phantom depth dependencies, as well as discrepancies between SWS systems

Phantom Study Phase II participants asked to provide update if any adjustments will be made based on Phase I results.

Discussion to continue for part of the call on Friday, September 20<sup>th</sup> for the System Dependencies subcommittee call.

**Proposed October Call Schedule:**

Date	Time (CT)	Day	Committee/ Subcommittee	Moderator
10/11/2013	11:00 am CT	Friday	US SWS Technical Committee	Dr. Garra
10/18/2013	11:00 am CT	Friday	System Dependencies Subcommittee	Dr. Wear
10/21/2013	1:00 pm CT	Monday	Phantom System Testing & Measurement Subcommittee	Dr. Hall

**RSNA 2013 Annual Meeting - QIBA Technical Committees Working Meeting:**

Wednesday, December 4<sup>th</sup> | 2:30pm – 5:00pm | Chicago, McCormick Place | Room: **N129**

Please let us know whether you plan to attend by responding to the following poll:

<http://www.doodle.com/fwf76cegg78r75b>.

We appreciate your continued support and look forward to your participation - Thank You!

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