

Three-Month Interim Report

July 20, 2011

Project: DCE-MRI Phantom Fabrication, Data Acquisition and Analysis, and Data Distribution
(HHSN268201000050C)

PI: Edward F. Jackson

Original Deliverable/Timeline:

The originally proposed 3-month deliverable was four copies of the RSNA QIBA DCE-MRI Technical Committee phantom.

Status:

The PI has been communicating with Josh Levy at The Phantom Laboratories regarding the finalization of the commercial version of the phantom. Mr. Levy was provided with the proposed phantom design and, on 7/6/2011, provided machine drawing number EMR092, which represented a change in design to decrease phantom cost. Additional questions were also asked at that time regarding specific phantom materials. The finalization of these issues continues as of the date of this report, but resolution of all details is expected to be complete by July 27, 2011 so that the phantom manufacturing by The Phantom Laboratory may commence as soon thereafter as possible.

Requested Action:

As the finalized machine drawings are nearly complete and a purchase order to The Phantom Laboratories will be required to generate the formal order, the PI requests the release of Payment #2 at this time or as soon as the formal quote and finalized machine drawings are provided by The Phantom Laboratory. This release of funds will also allow the PI to proceed with ordering the chemical compounds (high purity nickel chloride and sodium chloride) required to create the stock filling solutions, which, at the recommendation of The Phantom Laboratories, will be prepared at M.D. Anderson Cancer Center, not at the The Phantom Laboratories.