Weekly Reporting

WBS 1.01.07 JLAB Management

Week of May 29-June 4, 2015

**Issues:**

Need to make cavities available for vendor process development and qualification.

**Accomplishments this week:**

Contract kick off meeting was held with one vendor and the kick off meeting with the second vendor is scheduled.

Preparation of BCRs for CP#2 and labor loading for cryomodule production are being developed.

Review of the SOW for the cryogenic consultant are underway.

Prepared and delivered answers to Cryomodule FDR reviewers recommendations.

New procurement administrative support person will start wotk on 16 June.

Preparing to host Jim Healy, from SLAC, next week.

Made an offer to a e-tech in the cryomodule production group.

Schedule progress has been updated. Ready for review with LCLS II project.

Adjusting cavity testing plans to account for delivery schedule of the “off the shelf” 1.3 GHz SSA.

**Upcoming Activities:**

Finalize the 4.5K Cold Box and warm compressor best value evaluation.

Weekly Reporting

WBS 1.04.6 JLAB Cryomodules

Week of May 29-June 4, 2015

**Issues:** JLab needs to have four vendor qualifications and two dummy load cavities made available for shipment to cavity vendors. So far only two vendor qualification cavities have been made available.

**Accomplishments this week:**

Work continues on baseline qualification of two of four cavities for VQ cavities required - AES021, AES025. The other two cavities at FNAL have been identified - AES015 and AES017. Other potential cavities have been discussed but no project guidance has been provided.

Drawings have been finalized for the HX can are required for testing CMs in CMTF.

We received an inner magnetic shield assembly to be used in HTB tests. Inspection activities for the BPM feedthroughs have started.

We shipped HOM feedthroughs to Cornell in support of AES031 HTC testing.

CM Assembly tooling including the 10t spreader bar, cold mass assembly fixture and part of the cantilever fixture were received and had initial inspections. Some workmanship and welding issues have been identified and are being addressed with the supplier.

We held the CM shipping and handling meeting at JLab. We discussed the shipping fixture design, shipping test plans, handling of CMs at PLs and SLAC. A draft plan for receiving, inspecting and handling CMs at SLAC was developed.

We are finalizing plans for the visit to SACLAY to discuss XFEL CM Assembly and QA topics with SLAC, FNAL and CEA colleagues.

**QUALITY**

* JLab team has created a draft flow chart on the LCLS-II MultiLab NCR Communication Plan. The flow chart provides a high level view of the NCR process and potential interaction points with FermiLab. The draft flow chart will be used for discussion tomorrow at the QA teleconference with FermiLab.
* FermiLab provided some initial questions and comments on JLab’s draft ACS documents for the dressed cavity. The ACS topic will be discussed also at the QA teleconference with FermiLab.
* The SRF internal QM procedure on Control of Non-Conforming Products is being reviewed to assure alignment to the LCLS-II project.

**Upcoming Activities:** XFEL CM Assembly & QA Meeting at CEA-Saclay, 11-12 June

Weekly Reporting

WBS 1.04.08 JLAB Cryoplant System

Week of May 29-June 4, 2015

**Issues:** None

**Accomplishments this week:**

Warm helium compressor bid technical evaluations continued for the week. Initial technical evaluation scores were completed and are being compiled by the SOTR.

Another round of vendor proposal clarification questions was evaluated on the 4.5K cold box procurement. A teleconference with the vendor to settle remaining questions was held on June 2nd.

Additional JLab coordination meetings were held to plan manpower and equipment costing to support planned BCRs and CP2.

A decision was made in the Weekly Cryogenic Systems CAM meeting to have Fermilab provide the distribution system transfer line from the gallery into the cryoplant building

No further activity concerning the necessary changes to the cryoplant infrastructure since a revised equipment layout consisting of two cryoplants was submitted to SLAC Infrastructure on May 4th.

**QUALITY**

* No report.

**Upcoming Activities:** None

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Weekly Reporting

WBS 1.02.03.05.12 LLRF

Week of May 29-June 4, 2015

**Issues**: None

**Accomplishments this week:** No Report

**Upcoming Activities:** No Report