Weekly Reporting

WBS 1.01.07 JLAB Management

Week of August 30-September 5, 2018

**Issues:**

**Accomplishments this week:**

Continue to participate in the shipping failure meetings.

Working on several shipping investigation LOI.

Updated progress on P6 schedule.

Received verbal approval for increase of budget authority for WBS 1.04.06.07, cryomodule procurement WBS.

**Upcoming Activities:**

Sep 2018 LERF Readiness Review

Weekly Reporting

WBS 1.04.06 JLAB Cryomodules

Week of August 30-September 5, 2018

**Issues**:

**Accomplishments this week:**

Continuing to support shipping work groups that have 13 LOIs as requested.

Presented plan for shipping test with concrete CM. Began measuring static deflections. Circulated plan for approval. J. Holzbauer from FNAL visiting and participating in tests.

Results from initial hammer tests on J1.3-07 cold bellows flange have been completed and data analysis is underway.

Developing removable shipping restraints for cold coupler bellows to be used with follow-on shipping tests.

Submitted month’s end progress for August to JLab PMO.

Received confirmation from project to raise budget authority in 1.04.06.07.

Submitted impact statements for June EAC presented at CCB on 5-Sep.

Need to identify which CMs will be sent to LERF for first testing cycle. Identified CM-14 and CM-15 as first CMs to LERF in advance of Feb-2019 testing.

J1.3-01, 03 & 08 – Waiting for cantilever fixture.

J1.3-02 @ BlueCrab – Moved to offsite storage on 29-Aug.

J1.3-04 @ WS4 - Fastener rework complete. He vessel bellows inspected. Changes that correspond with latest drawing complete. HOMs checked.

J1.3-05 @ LERF; Used for fit up of cabling.

J1.3-07 @ WS5 – Preparing for shipping test

J1.3-09 @ BlueCrab – Moved to offsite storage on 29-Aug.

J1.3-10 @ CMTF - CM will rest idle in cave until space at WS4/5 is available to inspect HV bellows.

J1.3-11 @ BlueCrab – Moved to offsite storage on 29-Aug.

J1.3-12 @ WS3 – Tuner installation in progress.

J1.3-13 @ WS3 – Cooldown lines welding in progress.

J1.3-14 @ WS2 – Instrumentation and magnetic shields in progress.

J1.3-15 – All cavities have been qualified. Re-planned string prep week for 10-Sep due to availability of key staff. Expect completion by 27-Sep.

J1.3-16 – Seven of eight cavities have been qualified for the string.

First batch of five HOM BLAs remains on hold.

Three cavities planned for testing in dewar 5 on 5-Sep. One cavity each in dewars 7 & 8 on 6-Sep.

**QUALITY**: no report.

**Upcoming Travel/Meetings:**

LINAC 2018 Sep 14-19 (A. Solopova)

Weekly Reporting

WBS 1.04.06 Cryomodules - LERF Conversion

Week of August 30-September 5, 2018

**Issues:** None

**Accomplishments this week:** On vacation; no report.

Updates & photos can be seen on the WIKI wiki.jlab.org

Weekly Reporting

WBS 1.04.08 JLAB Cryoplant System

Week of August 30-September 5, 2018

**Issues:**

1. Request to recreate P&IDs for the CryoPlant – There is no scope identified for this task. Current P&IDs are official reference documents for GC installation subcontract.
2. Resolution of interferences created during the design of the platforms and cable trays support systems (identified in 2017).
3. Installation of the LN2 Dewar and helium ‘tank farm’ foundations. The warm helium tanks have been in storage for several months awaiting completion of these supports.
4. Return funding to contingency; the top-down EAC has resulted in reduction of remaining cryoplant scope.

**Accomplishments this week:** On travel; no report**.**

**Upcoming Travel/Reviews:**

* 4.5K Cold Box Re-assembly Meeting @SLAC 06-September-2018

Weekly Reporting

WBS 1.02.03.05.12 LLRF

Week of August 30-September 5, 2018

**Issues:** None

**Accomplishments this week at JLab:** No report.

**Upcoming Activities:**

* LERF Readiness review in September/October.