

# Monday Morning Meeting Minutes

## November 30th, 2009

### **09:00–09:30 Third-Harmonic**

Agenda per Helen, Elvin and Mike

### **09:30–10:30 SRF Operations and Integration**

#### **1. Status and plan for S1-Global cavities - Kerby, Rowe**

Members were informed that the DESY cavities are at KEK. ACC3 single-cell will be arriving at IB1 today. It will be used to validate HPR manifold change. If the results are good, the plan is to proceed with the AES2 nine-cell cavity.

#### **2. ANL CPF status - Rowe**

Allan reported that the EP heat exchanger upgrade has been completed. The new heat exchanger is ready and working. There was a temperature spike in the EP system when acid was first introduced. This might be due to the water remaining in the system. It was mentioned that this could degrade piping from heating as well and we need to find a way to keep the water out of the system.

A6 and AES3 are the next candidates for test at IB1. It was mentioned that we need to talk to Mike about participation in the scheduling meeting.

#### **3. HTS status - Hocker, Harms**

Members were informed that AES4 is cold in the HTS at 2K. The cavity was pumped to 2K and tuned to 1.3GHz. The only problem was adjusting the input coupler to proper Q external. It reached 2.5e6 initially and is now at 3.7e6. Andy mentioned that some visitors from INFN are expected this week and they plan to do some detail study of the tuner.

#### **4. Update on cavity dressing - Arkan**

Tug mentioned that Helium vessel 6 from Hi-tech is here. It has passed QC and will be welded on Accel13 this week. Accel8 is ready to go to Sciaky next week. Members were informed that more Helium tanks will be coming this week.

It was agreed that Mike will do the repair of Accel12 at AES. Regarding Accel17, it was mentioned that we need to understand limit. AES3 will be HPR'ed and then tested.

#### **5. Nine-cell cavity coordinator report – Ginsburg**

Camille informed Tug about Rongli's email regarding AES10. There were some issues with hardware.

#### **6. Single-cell cavity coordinator report – Wu**

Genfa informed members that ACC3 has been laser re-melted and EP'ed. It will be tested tomorrow at IB1.

ACC4 has been tumbled and will undergo bake at JLab this week.

ACC5 was EP'ed last week; it will be HPR'ed and then test.

NR1 is in the furnace at ANL. The cavity will be used for APS furnace qualification.

Regarding the nine-cell cavity ACC15, it was mentioned that the cavity will be inspected, molded and laser re-melted.

Alexei touch base.

#### **7. ARRA milestone schedule reminder – Stanek, Kephart**

Bob informed members that ARRA made milestone revision request to Procario but we don't know yet if it is accepted.

Members were informed that the tubes are in from Heraeus.

#### **8. Reminder of upcoming meetings - Champion**

Mark talked about the list of upcoming meetings. He also mentioned that the IPAC 2010 abstract due date is in December.

The upcoming meetings are:

##### **ILC Accelerator Design and Integration Meeting**

Dec 2-3, 2009, DESY

##### **ILC Accelerator Advisory Panel Review**

Jan 6-8, 2010, Oxford University, UK

##### **US Particle Accelerator School**

Jan 18-29, 2010, San Francisco

##### **ILC Linear Collider Workshop (LCWS 2010)**

Mar 26-30, 2010, Beijing, China

##### **TESLA Test Collaboration (TTC) Meeting**

April 19-23, 2010, Fermilab

**International Particle Accelerator Conference (IPAC2010)**  
May 23-28, 2010 (Abstracts due Dec 9), Kyoto, Japan

**Applied Superconductivity Conference**  
Aug 1-6, 2010, Washington DC

**Linac 2010**  
Sep 12-17, 2010, Tsukuba, Japan