

## **Monday Morning Meeting March 22<sup>nd</sup>, 2010**

### **09:30–10:20 SRF Operations and Integration**

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

Camille presented a slide on the America's 9-cell cavities schedule.

Joe talked about the travelling wave cavity test results. TW1AES001 was tested on 19<sup>th</sup> March 2010. It quenched at 20Mv/m. Bob wanted to know the goal of the test. He was informed that the goal is to achieve same gradient as a normal cavity.

It was mentioned that the A0 techs did a good job, the cavity geometry was complicated and there were a lot of issues. The plan is to test the second travelling wave cavity if the required hardware is available.

#### **2. HTS status – Harms, Hocker**

ACC13 testing finished last week. The tuner guys are doing some tests. Warm up expected on Wednesday. The disassembly of input coupler has started.

The plan is to swap ACC13 with AES9 at MP9 most probably on Wednesday. AES9 is ready just the piezo work remains. Selena will take care of this on Wednesday morning.

#### **3. Cavity dressing update -Arkan**

ACC16 is here and Mike and Chuck took measurements of the conical rings. They have a weld date on March 31<sup>st</sup>.

AES8 is at Argonne, the interference with infrastructure needs to be checked since the two phase pipe on cavity has not been cut.

Fixture for glove box to easily weld two phase piping is in place.

Camille mentioned that AES7 had a good test, it reached 41Mv/m.

Members were informed that SSR1 is ready for horizontal test; just a couple of iterations are needed. Timer is helping find the right antenna lens, since it is difficult to see one of the flanges. There are also some concerns about cleanliness. The cavity is expected to be out of cleanroom today or tomorrow. Timer will then install the tuner on cavity. Testing is planned for beginning of next month.

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

Allan mentioned that they now have a new storage area called D wing which enables them to handle more cavities at a time.

RI24 will undergo light EP either this week or Monday next week.

**5. Open discussion – all**

Charlie mentioned that NR6 and RRCAT1 single cell cavity are being tumble. The last step of tumbling is being done and it will be finished by tomorrow. This will be followed by tumbling of two single cells for Elvin and then maybe RRCAT2 cavity.

Regarding tumbling of 9-cell cavity, Charlie mentioned that the rinse station was ordered about a month ago but it will be several months before we get it.

**10:30-11:30 SRF Special Topics**

**The Integrated SRF Plan**

Bob talked about the Integrated SRF Plan.