

Monday Morning Meeting February 15th, 2010

09:30–10:20 SRF Operations and Integration

1. Announcements – Champion

PAVAC will be visiting FNAL tomorrow. There will be a meeting at 1:30 in the TD HQ for technical discussion. Today they will be meeting at Yeoward's office.

2. Brief report on SNS cryomodule design review - Peterson

Tom Peterson and Tom Nicol were the reviewers for the revision of the SNS cryomodule design. Tom Peterson presented some slides with comments from the design review. He mentioned that we need to have a discussion on alignment and need to know what the requirements are for Project X.

3. Brief report on visit to AES - Rowe

Allan, Lance and Charlie visited AES to talk about the industrial EP contract that they have been awarded. Allan presented information on ANL facility. Charlie reviewed the ICPA progress and Lance talked about independent cooling. All were in favor of doing BCP of next six cavities at AES.

4. Announcements – Kephart

Bob talked about the DOE budget presentation on Thursday. The major changes expected in FY11 are that HINS and SRF efforts will be going together.

5. Nine-cell cavity coordinator report – Ginsburg

AES008 has been dressed. ACC014 will be vertical tested today.

6. Single-cell cavity coordinator report – Wu

Two cavities will be sent to IB1 this week.

7. HTS status – Harms, Hocker

ACC13 arced at 36-37Mv/m. It had strong field emission thereafter. Andy mentioned that they need some criteria in allowable field emission.

Cold RF conditioning was started on Friday, had a slow progress over the weekend. The gradient calibration issue has been sorted out.

8. ANL CPF status - Rowe

ACC14 delivered to IB1 and will be vertical tested today. R126 to be electro polished today (~80micron EP) and then HPR'ed tomorrow. Two single cells are in progress.

Allan mentioned that they continue to have EP rotation problem on occasions. He said that they plan to clean the clean room, take inventory and sanitize the water system. The plan is to have a week's shutdown to do maintenance activities.

There was some discussion on how to protect against the HPR stopping.

A talk from Mike about the EP tool at ANL was proposed for next week.

9. Cavity Dressing and S1-Global update -Arkan

AES008 will receive He tank this week.

Last week some upgrades to glove box were done and they proved to be effective. This will help welders work more ergonomically.

AES10 is in IB1 for quality check, it will then be ready for welding. AES9 is in the clean room today and will hopefully go to HTS in 1st week of March. Accel 8 has been welded with tank, assembled in crate and ready to go to HPR at ANL.

10. Status update- Elvin

Elvin talked about his and Helen's visit to Ford Northstar, an X-ray imaging firm in Minnesota. An inspection of cavity4 showed that both the form tails were cracked. Cavity6 will be going there next week. The company provides imaging service and also sells the tools. They look at braze joints, welds etc too. We can have a presentation from their representative in future.

11. Announcements - Shekhar

Shekhar informed members about the TTC meeting at Fermilab in April and asked people to register soon.

He then talked about the need to be careful while sharing information with our Asian collaborators (India, China, S.Korea) due to the export laws etc. involved. He asked people to get clarification when needed from him, Bob or Rich. He also mentioned that a visitor at FNAL is to be treated as a FNAL employee. If vendors have issues with foreign visitors, this needs to be brought up.