

Monday Morning Meeting

March 1st, 2010

09:30–10:20 SRF Operations and Integration

1. Announcements – Champion

Sergey Kazakov starts today. He will be sitting on the 2nd floor. Nandini has been moved to the 3rd floor. Chuck Grimm will be joining the SRF department. Ronak Patel will join SRD department as a guest engineer on March 15th.

The openings for two associate scientists, a contract technician for Charlie and a post-doc for Lance still remain to be filled.

2. Nine-cell cavity coordinator report – Ginsburg

Camille mentioned that FNAL/ANL qualifications require that at least 1 cavity should make >35Mv/m with no field emission.

Six cavities have been dressed (or are in the process of dressing) for CM2.

It was mentioned that JLab's plan for vertical EP is interesting but members weren't sure why they are confident that it will work.

3. Optical inspection results on nine-cell cavity TB9RI026 – Sergatskov

Dmitri presented slides about the RI026 inspection as received, after 1st EP and after 2nd EP.

It was suggested that we do radiography on a cavity to look for weld voids.

Members were curious as know why does AES tune cavities? And do other vendors do the same? It was suggested that maybe we should change this.

4. Cornell and AES visit- Kerby

Jim presented slides on the Cornell and AES visit.

5. HTS status – Harms, Hocker

The cryostat leak line was repaired on Monday, cooled down on Tuesday and ran again on Wednesday but it still had field emission.

Andy mentioned that they now have working amplifiers for the Faraday cups. The field emission was seen at FPC end.

The pressure relief is being repaired prior to next test. Warm up will happen in the middle of next week.

6. ANL CPF status - Rowe

Allan mentioned that they have maintenance scheduled during 15-19 March.

Members were informed that the HPR tool “surprise” stops always occur at the same point in the cycle. The reason why this happens is under investigation.

ACC8 will be rinsed after the maintenance period.

7. Cavity dressing update -Arkan

AES008 was dressed last week. AES010 will be welded this week. AES009 is going into clean room.

All CM1 work has been completed.

8. Single-cell cavity coordinator report – Wu

Bob suggested that Genfa should add a table to explain the reason behind choosing what the next steps will be. The results need to be presented in chronological order.

Members wanted to know the Eddy current scanning value for ACC5.

It was mentioned that the results/method for NR-4 were very unclear.

9. Open discussion – all

Bob talked about the Linac 10 announcements and asked members to turn in abstracts to him.

Two people from SRF department will be attending the IPAC meeting, they will be informed about this soon.