

Monday Morning Meeting Minutes

December 14th, 2009

09:00–09:30 Third-Harmonic

Agenda per Helen, Elvin and Mike

09:30–10:30 SRF Operations and Integration

1. Nine-cell cavity coordinator report - Ginsburg

ACC17 is expected to be inspected this week, most probably today. It quenched at 12.3 Mv/m at cell 4.

Joe informed members that AES002 will be coming out of the Dewar this morning and they will do a leak check now. It was decided that the HOM feed through should be taken off and the cavity retested as a bare cavity.

2. HTS status - Hocker, Harms

Elvin informed members that AES4 is being tested. They will do the cold coupler conditioning on Wednesday or Thursday. It is suspected that the heat probe or HOM is causing the trips.

Cavity A7 will be tested this week. Cavity A13 will be sent to ANL on Friday and could be tested during the week of 12/28.

3. S1-Global cavity status and plans - Champion, Kerby

There was a discussion on which cavity out of AES2, AES4 or ACC13 would be a feasible option for S1 global.

4. Single-cell cavity coordinator report - Wu

Members were informed that APS Furnace will most probably be functional by start of next year. Genfa mentioned that anytime there's a window of one day, they can process a single cell.

5. ANL CPF status - Rowe

Allan mentioned that the mass flow controller they installed did not work as advertised. It will be replaced with improved valves. They plan to look at filters this week before the arrival of cavity 13. A new contract technician Brent Stone starts today. He will be splitting time between Fermilab and Argonne.

6. Update on cavity dressing - Arkan

Tug mentioned that they are getting ready to ship S1 global parts. They will be working on Cavity13 this week and it will be send to Allan by Friday. AES8, AES9 and ACCEL8 are next. They have one Helium vessel now but others are coming. The plan is to continue welding and dressing cavities. They also plan to qualify an additional welder this week.

This was followed by some discussion on lack of full-penetration welds on 3.9GHz CM piping.

7. Hydro forming report- Andy:

Andy showed some photos taken during hydro forming at DESY. They used recrystallized fine grain tube, ~1.5m long with a RRR of 300.

Wah Chang did the billet processing and the flow forming was done in Boston. Members wanted to know if there were any chances of contamination on the tubes interior.

The participants at DESY included Roy Crooks, Waldemon, Alexei (works for Waldemon) and Igor (From Russia). Igor will be back at DESY in January and stay there for 2-3 months.

The plan is to make three 3-cell sections, send it to Zanon for iris welding to build a 9-cell cavity.

Regarding industrial EP, members were informed that Ron Evans is a buyer.