

## **Monday Morning Meeting May 10<sup>th</sup>, 2010**

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

#### **1. Report on visit to SLAC regarding RF Couplers– Arkan / Lunin**

Tug and Lunin presented a summary report of the fundamental power couplers meeting at SLAC.

#### **2. HTS status –Hocker**

Andy mentioned that they will be warming up this afternoon. ACC8 will be going in the HTS next. AES9 will be at MP9 sometime this week.

Elvin mentioned that there might be delays due to the cryo work for modification of relief line on T- section.

#### **3. 650 MHz cavity design status-Foley**

Mike mentioned that Serena has done the single cell cavities finite element studies. It was studied that a 2.5 bar pressure differential is possible if the end tube wall thickness is changed from 3-4mm. Members were informed that Sciaky says this is feasible.

Drawings for B=0.9 are ready.

Studies on B=0.6 single cell cavities are going on. It looks like stiffening rings will be required.

Mike also mentioned that they received material from Niowave sufficient to build two cavities.

#### **4. Niowave/Roark 1300 MHz cavity status and meeting plan- Ristori**

Leonardo mentioned that the incoming QC for Niowave Roark cavities was done. They found a number of issues and plan to have a conference call this Friday.

#### **5. Update on x-ray imaging of cavities- Harms**

Elvin informed members that ACC4 single cell cavity was inspected on Monday. He will present pictures from RRCAT and ACC4 next week.

Members were informed that Bob suggested scanning a 9-cell with known pits next. The plan is to get NR6 imaged. The cavity has it's HOMs mistuned. Elvin mentioned that we need to decide what exactly we want them to look at for us.