

Meeting: June 19, 2008

Attendees: Sumanta, Peter, Phil, Mei, Mike, Thomas, Larry, Yousef and Wuzheng, Charlie

Mike mentioned that the test of NiTride of 100nm still showed about 400 watts heat load. So, they prefer to go back to NEG coating of 100nm – 200 nm to have higher resistivity. They plan to run some tests to see how thin the NEG coating can go. The goal is to reduce the heat load below 100 watts.

From Charlie: stands for the DC dipoles are ordered. All the magnets are now in Bldg 922. The old pole tips were removed. We are waiting for the new pole tips. Charlie also got the latest sector 9 survey results from Frank. He can then make the final location of all the magnets. Mike mentioned that they preferred not to move the valve. Charlie will try to see whether it is possible.

About spare cables, Charlie reported that they couldn't find any. So, the final cost of the cables is about \$14k(including burdens) assuming we can run the power supply(500A) with only one cable. For this, he needs to double check with John.

Brian also mentioned that they may need to have some cable trays to go to the control room in Bldg 1010. This will add to the cost. Since we also need cable trays for the tunnel, Charlie will get the details.

Peter Oddo is still debugging the hardware for the dynamic tuning testing. He is also working on developing/testing the software for the hardware controlling. Once he gets both done, he will be ready for testing with full power(1kWatt). He estimates all these preparation will take about 1 month of time.

Tom mentioned that we need to let him know about the schedule of this project so that he can manage the manpower. We agreed that we will lay out a schedule for the project and discuss the details at the next meeting.