

Minutes of the TITAN Meeting (taken by C. Champagne)

Held on the 5th of June 2007

Present: Ryan Ringle, Paul Delheij, Friedhelm Ames, Alain Lapierre, Mel Good, Vladimir Ryjkov, Maxime Brodeur, Alexei Bylinskii, Thomas Brunner, Christian Champagne, Cecilia Leung, Josef Berger.

RFQ

- The RFQ is back into the chamber and rewired.
- Currently waiting for the electronics group to build a transformer based RF coupling.

MPET

- Mel is currently installing controllers (EPICS), air valves, return valves on the beam line.
- Before Vacuum commissioning (Friday ?), Mel wants to vent the beam line and reinstall the roughing line to its final configuration. Could be done before Friday.
- After Vacuum commissioning is done, Ryan and Vladimir will install a MCP and Electron Gun respectively. This should be done as quick as possible (minimizing exposure to air).

Magnet

- Vladimir has completed the wiring of the trap. Some minor tweaking (avoid short-circuits) of the lines remains to be done.
- Will need to document the wiring of the trap, take a few pictures and make a wiring diagram.
- Will install the trap into the Penning Trap next Monday.
- Maxime and Alexei are currently testing the pickup amp. Seems to be a small problem: the voltage outputs differ from 1 to 30 mV between them when one input voltage is set (between 1- 9 V) for all of them. Vladimir will try to get a schematic diagram of the circuit board to see where lies the problem.
- The voltage outputs of the Pickup amp are also temperature dependent. The power supply could be affecting it. As such, it should only be used after a proper warm-up or cool down.
- A 100 MHz pickup has been seen on the DKL, most likely from the DTLs (which run at 100-105 MHz). Will talk to Marco about turning them off temporarily to see if that is the source.
- Mel asked Maxime to change the Penning Trap filling date from Friday to Thursday.

EBIT

- Mel & Cecilia installed the EBIT beam line onto the platform on Friday.
- Bruno (from Beamlines) will align the beam line's Quad. Trip. with the EBIT Magnet this Wednesday.
- Alain is working on networking the various EBIT computers together (Magnet, X-ray, Power supply)
- Will try to run the EBIT in two weeks, once the new Einzel lens housing is completed, thus connecting the beam line to the EBIT
- Alain has asked Vijay to push forward some work orders for the EBIT. Minimal delays are expected for the Y-Boxes.
- Will need to redesign a HV duct for the EBIT.