

Minutes TITAN group meeting

Thursday, April 29th 2010

Present : Jens, Ernesto, Paul, Stephan, Aron, Spencer, Mel

1. Status RFQ, laser

- Daryl modified switch box again (shortened 110 kOhm resistors and added 10 nF capacitance on all inputs for B1 and B2 switches.
- Ernesto tested switches for 0.5 mA and 7.5 mA Glassman supplies for different conditions.
- More tests are needed to improve understanding of switching
- Got quotations for supplies from Glassman and FuG
- Connector of fibre cable for switch box needs fixing. Talk with Daryl

2. EBIT

- Aron is working on card.
- Preparations for the start-up of the e-gun
- Implementing interlock

3. CPET

- Spencer centered the magnetic field longitudinally within 40 tau.
- Field mapping. Analysis in progress
- Preparations of project for review.
- E-gun passed to design office.
- Housing for e-gun also defined.

4. MPET

- Solution for shorts found (Mel). Wires will go from feedthroughs to centre of tube.
- Setup will be easier to be taken apart.
- Ordered thicker foils for bending into a stiffer shape
- All drawings at the machine shop.
- Baking setup for MCP holder