

TITAN Meeting Minutes

October 20th, 2010

Present: GW, PD, MS, JD, EM, AG, ATG, BE, SE, UC, MP

RFQ: EM

- Gas purifier -> Stuck in customs. Delivery date ~Nov. 19.
- EM can tune the RFQ anytime.

Polarizer: EM

- Analyzer and Roody are working well now.
- Sodium cell heating up. ~50% neutralization eff.
- YCB3N/S power supply scaling in EPICS will be fixed.
- Fluoresce this weekend

EBIT: MS, ATG, SE

- Injecting from RFQ
 - Switching the collector side Sikler Lens
 - Switches break down at high repetition rates due to the push-pull nature of the Belkie switches.
 - One switch seems to be broken – we only have one spare
 - **EM** to follow up with Belkie to see if we can get some switches off the shelf quickly
- PPG cycle
 - Suzannah has programmed the new cycle, testing will be done today
- PLC installed, connecting wires and switching over control to EPICS to be done early next week
 - Final decision on date to be made tomorrow at the Friday coffee meeting
- Warm EBIT Friday evening.
 - A full warm up to help remove any water that is frozen onto the surfaces
 - **AG** to contact Rick from Cryogenics about possibly needing to come next week.
- LABVIEW
 - 1-D scan program operational
 - EPICS people won't give us control of the extra elements we need. Meeting early next week to iron out the details

CPET: UC, BE

- CPET baking
 - Venting will not be done after each test do to time constraints

- Simulations
 - Progressing. Improvements are being made to bring them closer to reality