

Accelerator Controls and Beam Instrumentation meeting AGENDA

1. Agenda items
2. Meeting timeslots
3. Continuing review of injector and linac profile monitor issues. See action items.
4. Review prof monitor camera requirements
 - Zen Szalata from EFD Has been gathering manufacturers specs which we should look at.
5. Review what is still needed for BPM specifications
 - a. maximum cable length from BPM to module? - 150' max RG223
 - b. locations of BPM modules and crates in the linac - 3 per sector
 - c. converging on VME crate packaging of BPM modules
6. First comments on software feedback requirements
 - a. some questions have already arisen concerning orbit corrector magnets and their power supplies that we should address

Notes from last weeks meeting:

1. in the injector the OTR foil will be substituted with a YAG crystal with 45 deg mirror
2. we need a mirror flatness spec (Dowell)
3. we need a foil flatness spec for OTR foil (Dowell)
4. polarizers vs. iris in low light applications: use one generic circular actuator for polarizers or iris control
5. calibration target with beam splitter - adopt this good idea from APS design
6. nonremote focus adjustment - focus should be fixed during setup
7. zoom or fixed magnification - many applications will need variable zoom control
8. define the required optics aperture based on OTR photons/mm² (Gierman)