

RunCo Report for IOTA/FAST Meeting 05/07

• Important Dates:

- FAST Shutdown: ~end of June(ish)
- Main Complex Summer Shutdown
 - 06/28~09/19 (HEP ~10/04) (AD/Ops/Schedule)
- Webpage “Security-fixes” ongoing
 - **ENSURE: posted materials do not contain sensitive PII.**
- FESS:
 - FESS *completed*TM switching NML to cooling May 6
 - Issue with CW makeup valve. Working with Safety.
 - NML 13.8 kV switch/transformer HV-PM August 3
 - Lab B HV-PM (Cryo): July 23 (FAST @ RT by then)
 - KRS & MSS Outages (30 min): 08/30 & 09/07 & 09/13

• Linac:

- Camera servers being worked on (ongoing)
- Gun Water GPIB server not working Tues-Wed
 - GPIB Server card lost it memory.
 - Controls Dpt replaced battery

• IOTA: *Breathing mitigation studies*

- We were up to 0.2 mA and 15 minutes (not at the same time)
- M3R Trim coils still not solved. Ongoing.
- 150 MeV studies
 - IBEND needs slow ramp-down (in sequencer)
- OSC studies
 - Made BIG announcement on Tuesday
 - (e⁻/PU/KU alignments, tuning, interference)
 - Instrumentation work in IOTA
 - Instability studies continue
- OSC & IOTA enclosure work
 - Work occurs during morning accesses
 - Cable terminations ongoing
 - Current needs met
 - Steak Camera commissioning
 - KU Dark-Box upgrades

Run Plan for Next Week (May 17)

- Monday – Friday
 - Monday Morning CA (notify RunCo)
 - 1) IOTA OSC work
 - CA possible in the mornings (w/ RunCo approval)
 - 1) No access Wednesday, due to MI being down
 - 2) OSC diagnostics installation
 - 3) URSSE tweaking and calibration
 - Run beam in IOTA after noon (maybe all day):
 - 1) OSC running (no running on Saturday 5/15)
 - 2) IOTA tuning for OSC optimization
 - 3) 150 commissioning?
 - 4) URSSE running today, 5/14. Opportunistically next week.