

Lab Status / AEM Meeting Notes

Monday November 28, 2016

<https://indico.fnal.gov/conferenceDisplay.py?confId=13385>

Incidents:

None reported.

Accelerator Operations:

- LINAC, Booster & BNB running well, Recycler in startup. NuMI at ~340-350 kW. Beam to SY when requested.
- Delivered $9.9\text{E}18$ POT to NuMI.
- Delivered $1.30\text{E}19$ POT to BNB for MicroBooNE.
- 4.3 hours of beam to SeaQuest, at their request.
- Future schedule can be found: <http://www-ad.fnal.gov/ops/schedule.html>
- MI-12 Communication Duct. Emergency repair plan in place. Hope to move to new cable in Jan/Feb ... hope to coordinate with Master SubStation outages.
- Work completed on repairing MS1 Bus.
- PIP-II Injector test: Vac. Bellows and collimator damaged during studies on Wednesday 23rd. Repaired & pumping down today.
- FAST: Shutdown for 300 MeV upgrade continues. Beginning magnet and stand installation.
- LCLSII prototype cryo module: Awaiting approvals for cooldown. Cooldown & testing expected to extend into January.
- ICW Reduction: Needed to establish new Casey's Pond water strainer vault. Two week reduction early in January ... will know more about impacts after measurements during November.

MicroBooNE:

- Good week. $1.28\text{e}19$ POT delivered. >96% uptime.

MINERvA: (Nov 17-23)

- 96.7% uptime (86.9% with MINOS ND live). Problem with MINOS Hall chiller.

NOvA:

- Still recovering from the effects of the partial power outage 2 weeks ago, resulting in sprinkler discharge in FD server room. Experts from Fermilab & Caltech sent yesterday to start energizing system. Power up started this morning.
- ND running smoothly.

SeaQuest:

- Target updates & DAQ commissioning still ongoing.

PPD Operations:

- Muon g-2 warm-up continues. Once warm, will proceed with repairing & improving refrigeration system.
- Mu2e: Partial beneficial occupancy of building next week (contractor still has control).

ND Operations:

- ProtoDUNE: Assembly of shielded room for electronics testing at DAB continues. Preparatory work for the ProtoDUNE SP detector integration, test and installation phase at CERN proceeding.
- SBN DAQ development ongoing at DAB. Participated in SBND light readout review.

TD Operations:

- Fourth LCLS-II quad magnet ready. Cavity tests continue.
- LARP Short Module quench protection studies continue.
- 18 out of 19 magnets for the IOTA ring have now been measured..

Computing Operations:

- CCD: Good week. (i) Process started to eliminate toll-free calling for audio/web conferencing (i.e. Readytalk). Pilot was successful. Expect Feb-May rollout. (ii) Electronic Travel Approvals & Expense voucher application being rolled out. Full rollout by end of January.
- SCD: Good week. Muon g-2 computing review last week, report available soon.

Office of Communication:

- All-Office of CRO meeting Nov. 29 at 11am
- Dec 1 Community Advisory Board meeting
- December 2 Artist Reception 5-8 p.m. for 2016 Artist in Residence Ellen Sandor.
- Lunchtime sessions for information and discussion about 50th anniversary: Nov. 30 and Dec. 5 in One West
- December 10 Science of Star Wars event in evening. Employee screenings Dec. 13 and 15 in Auditorium

Directorate:

- Joe: HEPAP this week. Nigel & Tim giving talks.
- Other: MR road will be closed Thursday-Friday so that access to A0 parking only from East.