

Long Shutdown Integration Meeting

March 28, 2013

F224-225, 10 am

MINUTES

- **Intro** F. Pilat
 - Dianne filling in for Fulvia for remainder of week
 - Planning next LSDD rotations – meeting next week

- **Update on TLA milestones** R. Yasky
 - See presentation for full details
 - One milestone (Hot UPW) slipped from April 1 to April 20th
 - No issues noted from team regarding impacts.

- **CHL-1 Cooldown** M. Wright
 - Cold! Started cooling down 10 cryomodules. Great effort by team over the last weekend to get cold. Had some hurdles with oil leaks from compressors, but worked through the weekend to get through them. Warwick contractor great to work with, outstanding safety and workmanship in the field. Cryo logbook (CLOG) denotes details of CHL1 cooldown and graphs showing progression to being cold.

- **LSDD Report** D. Napier
 - See presentation for full details
 - Major highlights: C100-8 installed in SL26, cooldown started and 10 CMs getting cold, dipole removal and installation work in TC area – major effort for material handling and no safety events, magnet cabling installation progressing well, waveguide installation for 1L22, 23, 24 zones, stands grouted in S/R areas.
 - Better coordination with facilities regarding counting house power outage for 2nd floor. Breakers being turned off were communicated day before and many systems connected were not known until power was turned off.
 - Please communicate to your teams/work group leaders to contact Randy Michaud or the LSDD, Bob May, regarding coordination of work for the accelerator. Steve Suhring is out on leave.
 - Bob May is LSDD work the next rotation.
 - Safety for March was discussed, no major events noted. Updated safety pyramid will be posted to LSDD website. Noteworthy event on the 5th. Any existing conditions for an employee, please note that these need to be communicated to the supervisors.

- **LSDD Schedule and Scope**

D. Napier

- See presentation for full details
- Progress sheets will go out March 29th and need to be returned to PMI (Patrick/Christine) by COB April 3rd.
- 12GeV progress meetings planned through April 5th with completion April 8th.
- LSD updated schedule planned for April 10th at the earliest.
- See presentation for full list of changes implemented in the schedule that will be seen when progress sheets are distributed. Major change is the removal of all activities Dec 31, 2013 and forward.

- **12 GeV Accelerator update**

L. Harwood

- Circulator vendor rework schedule submitted. 30 boxed up and back to vendor. B-Comms signed off and almost ready for tunnel. Linde been here and close to commissioning CHL2 coldbox – will return next Tuesday. C100-9 going in test cave. Re-baselining process. Hall D Fast feedback and nA BPMs shifted to FY14.

- **Utilization of external resources**

W. Akers

- Some uncertainty in schedule for physics with regards to resource providers.
- Example for S&A given with physics analysis effort.
- Data taken from LSD schedule and dumped into a database. Met with C. Curtis to review upcoming few months of work. Plan is to pull out separate S&A activities
- 1st question to answer is do we have enough people to work the work on a particular day/week.
- Physics to provide the information a list of activities that are flagged that have flexible within months and those that cannot be adjusted.
 - Working on this now
- In the meantime, coordination meetings with Hall C to see upcoming work for S&A

- **Around the room**

- 12 GeV

C. Rode

- Froze 12GeV re-baseline last week, cleaning up contingency this week. Temple review in ~11 days. Manpower plan for FY13 and on. Accelerator was going to ramp down 1Q and now stretched to 3Q. FTEs increased by 22 from the earlier plan.

- 12 GeV physics

G. Young

- Hall B silicon vertex detector (last of detectors through review) will close out after lunch. Want to start production assembly of modules (done at Fermilab). Smallest of detectors. Will have to build a small sector to proof the drawings/plan for cabling work.

- Hall C SHMS bids being reviewed. Mobilize mid April, steel then forming concrete – all before magnet shows up summer of 2014.
- Physics R. Ent, J. Gomez, W. Akers
- FEL G. Neil, R. Walker
 - VA money next week - (2/3 go to SRF for reconstruction of F100, then install in the Fall, other money to buncher system and electron gun). Will update schedule as soon as money is here. Navy money is also driving schedule (2-3 weeks will know something). Matrixed people will remain for at least the next 3 weeks. FEL cooldown plans depend on funding and people available.
- Operability S. Suhring, A. Freyberger
 - About 2 months away from director's review of commissioning plan and ARR. Getting things set up for this (charge/agenda). One month away for Accelerator HCO process review.
- Commissioning, CASA M. Spata
- Engineering, Cryogenic W. Oren
 - Helium inventory scare. 3rd truck pulled in about an hour ago, another truck next week but no guarantees. Plan to bring in dewar with liquid He next Tuesday as planned. Our gas supply comes from a different vendor – still stretched.
 - S&A helper starts Monday. Met with DC power, safety systems groups and have some delays (mostly to FEL work) but will discuss at another meeting (no time today).
 - ESR timeline – cooldown planned for August. Will cool Hall C magnets with CHL and keep ESR down as long as possible. More coordination to come in the future.
 - Draw from CTF will only affect VTA (not test cave – will cool down CM in CTF as planned for tomorrow).
- Engineering/Accelerator R. Lauze
 - Special note to the installation crew and the work they are performing with the magnets, stands, etc. They have been working hard and safely.
- Facilities B. Sperlazza
 - counting house: will finish roof and 1st floor by end of April, May – replacement of front windows.
- Cryomodules M. Drury
 - CMs cooling down (10) C100 9 in the cave and cooldown.
- ESH&Q M. Logue, D. Owen
- PMI P. Collins, K. Krug