

Long Shutdown Integration Meeting

October 11, 2012

F224-225, 10:00 a.m.

MINUTES

• **Intro**

F. Pilat

- LSD progress a little delayed with updating schedule
- Issues watching: Cryogenics work, CTF/CMTF etc, CEBAF cool down schedule
- PSS converging milestones/priorities coming up in the next months (test lab pss recovery, hall d odh, odh north stub/tagger area, north linac pss completion). Email sent around for feedback, meeting arranged for tomorrow afternoon by F. Pilat and associated PMs to review the work. If you feel you need to be there, let Fulvia know
- LSD re-baseline due before Thanksgiving.
- Safety Fair: short talks, progress, safety – then details and further discussions at a booth. This will be planned for the first of the year.

• **LSDD Report**

R. Michaud

- Work going well
- See presentation for full details
- NL & SL align complete for transfer line PM
- NL align completed, SL align completed (a few more zones to be done)
- NL/SL SRF CM done, working injector
- C100 #3 and #7 placed in the machine
- HC truck ramp penetration to be completed this week
- CHL cooling tower – cell delivered, structural steel
- IS stands completed, S&A starts today
- HD tagger steel plate ongoing
- Transport recombiner removal started
- 1R girders and dipoles installed
- BPM, viewer, harp work ongoing

- **Schedule progress and look-ahead**

D. Napier

- 1 is done, CM done, shunt shuffles not done by end of Oct., PSS OK but work in test lab not covered in this 12gev list of activities
- Acc maintenance – changes Fulvia has and will send to me as much was delayed to feb
- FML – HC truck ramp done yesterday, a few tunnel penetrations to finish. Additional ones being looked at for funding, B68 start of construction (schedule being approved today, updated start date needed), MCC not awarded until mid Nov – internal meeting next week to review schedule), B87 renovation will be ready prior to start of MCC work as people will be.
- FEL – restore beam line after dark light experiment (S&A for quads) & measurement of magnets (this CR is done). Rebuild girders – check
- Badge change out before Christmas
- HA:
- HB: most cables removed, TOF disassembled and relocated for reuse in HC later, detector removal completed,
- HC: QTOR coils will be out later this month (can't remove while penetration is being repaired at truck ramp),
- HD: 2 shifts for working on Hall D solenoid. Start of cool down mid Dec. BCAL light guides (work in the ESB) – not all in yet.
- CRs:
 - 12gev hall b review before thanksgiving
 - Circulator swaps still being looked at

- **Risk analysis**

S. Smith

- #1: no changes
- #2: TL maintenance almost done. Plan to circulate gas to clean up. Cool down now started in January. 2K ops by 3rd week in Jan
- #3: on schedule, no issues. Keep on registry until water flows mid November.

- **CTF, TLA, Test Lab**

E. Akers

- CTF first, then CMTF, then VTA.
- CTF now 29 Oct (2 weeks late), then CMTF one week later. BOD is May but could slide to June/July.
- **see presentation for details –potential impacts of TL recovery delays to LSD effort***
 - VTA is central for SRF work for other projects (FEL, etc).
 - If CMTF is fully available Jan 2, 2013 to resume cm acceptance testing of C100s – then there is no impact (but will consume all the float currently available (~1 month)

- **Updates**

- Cool-down planning**

W. Oren

- Juggling CTF, Hall D, CHL
- Still holding meetings – next meeting is 26 Oct.

- SRF Status**

J. Preble

- Noted earlier

- Cryomodule maintenance/commissioning**

M. Drury

- See presentation for full details
- Finished Inj/NL majority of work for cm maintenance
- NL repairs still to be done
- IR sensors to be replaced
- Waiting on parts for standardization
- Upcoming work
 - FEL CM maintenance
 - After FEL done, then on to SL
- Re-commissioning/He processing plan has been submitted to D.Napier
 - Needs links to RF maintenance work
 - Starting to assemble hardware on commissioning carts

- RF maintenance**

B. Merz

- RF maintenance & RF recovery plan is not currently compatible with CM plan. And with some C100 plans.
- ~1 week will have more information

- **Around the room**

- 12 GeV accelerator L. Harwood/C. Rode
 - 12gev 1st half of the fiscal year funding arrived
- 12 GeV physics G. Young
- Physics R. Ent, J. Gomez, W. Akers
- FEL R. Legg
- Operability S. Suhring, A. Freyberger
- Commissioning, CASA M. Spata
 - 11GeV separator review being held. E. Akers is coordinating this. In the next few weeks. Then integrate into the LSD schedule
- Engineering W. Oren
- Facilities B. Sperlazza
- ESH&Q M. Logue, D. Owen
 - No issues found with concrete removal. Proper planning upfront is key.
 - FSAD and acc safety envelope – working on approval by end of this month. Then moving to accelerator readiness review.
 - Safety mini-meetings with groups being from now until end of calendar year. Will Oren and M. Logue holding these meetings for the groups.
 - January will be the safety fair.
- PMI P. Collins, K. Krug
- Integration D. Napier