

# Long Shutdown Integration Meeting

September 13, 2012

F224-225, 10 am

## MINUTES

- **Intro** **D. Napier**
  - RPM next Wednesday, 19 Sept 2012
  - Progress is completed (as of end of August) and files are posted to the website. Email distribution will be sent later today.
  - Flood recovery – group together last week in TEDF. Short term plans being worked. Long term plan working with the city. FML had meeting with the city and they are working short term corrections (like cleaning out drains, etc). FML showed the city JLab choke points. FML working what we can do here in the meantime. Hall B is the prototype (automatic flood gates, etc).
  
- **LSDD Report** **A. Freyberger/D. Napier**
  - See presentation for full details
  - No major issues reported
  
- **Risk Registry** **S. Smith**
  - Risk registry posted to LSD Website
  - Will have monthly review at this meeting
  - Review of “plans to mitigate” by each responsible person was discussed
  - Item #1: will rebaseline LSD schedule no earlier than mid Oct, maintaining eye on schedules as budget is known.
  - Item #2: cool down plan details are being worked through weekly meetings. CM Commissioning plans are also in progress.
  - Item #3: cooling tower/header work on schedule.
  
- **Schedule, 3 months look-ahead** **D. Napier**

- See presentation for full details
- Milestone review:
  - CMTF operational milestone date to be changed to reflect current plans/schedules for the test lab
- 3 month look ahead:
  - Cryo personnel have been moved to HD for this critical path work to cooling down the solenoid date (mid Nov).
  - TL alignment activities need to be broken down into NL and SL with the new plan to cool down the NLinac first
  - FML penetration grouting going well – HC truck ramp can move forward while they are in clean up mode. Sperlazza to coordinate with HC.
  - Admiral is planned for no earlier than May of next year for installation for the FEL
  - HA: 4<sup>th</sup> quad shipped yesterday. A little behind, but working schedule as planned
  - HB: now 3 weeks behind. Cables still hanging up for drying. Turbo pumps are good. Tagger dump – all water has been drained. Clamshell contract moved out 3 weeks (now mid Oct). All other work (north clamshell, space frame slipped 3 weeks as well.
  - HC: 3 week delay due to flood recovery. SOS dipole/concrete removal has a 6 week delay. Reviewing schedule with 12GeV HC installation schedule for impacts and float analysis for recovery.
  - HD: BCAL light guides arrived. PS magnet fiducializations/alignment will be delayed. BCAL to HD starts mid March. HD solenoid cool down mid Nov & power up Feb 2013.
- Progress:
  - S&A resources are very tight.
  - CM commissioning no longer on the critical path (has 34 days float now).
  - Note: HD refrigerator is planned to run for 4 months @4K for the solenoid, then to 80K.

- **Updates**

**CTF/TLA/CMTF operational**

**E. Akers**

- Target date to provide temp power, HVAC, network to CTF racks, CMTF control room & test cave, Klystron stand above CMTF, VTA control room & VTA: Sept 24
- If all goes according to plan:
  - CTF cool down will start week of Oct 15<sup>th</sup>
  - Cryomodule cool down will start week of Oct 22<sup>nd</sup>
  - VTA Cool down will start week of Oct 29<sup>th</sup>

**Cool-down planning/CM maint & comm. W. Oren**

- Presentation planned for RPM meeting next Wednesday
- Weekly meetings continue. Mtg held last Friday and decision made to cool the NLinac/FEL first. Stable 4K by Christmas is still the plan with cool down starting after the New Year. CTF is in line with NLinac and FEL priority focus. Tie in CHL1 & 2 to be done while warm.
- Cool down schedule driven by C-100 cm schedule not the existing CM commissioning schedule.
- Detailed plan for CM commissioning is being worked by Drury.

**• Around the room**

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|-----------------------------------------------------------------------------|----------------------------|
| • 12 GeV accelerator                                                        | L. Harwood                 |
| • 12 GeV physics                                                            | G. Young                   |
| • Physics                                                                   | R. Ent, J. Gomez, W. Akers |
| ○ Real estate issues still being worked. Cryo chalet and SVT are ok for now |                            |
| • FEL                                                                       | R. Legg                    |
| • Operability                                                               | S. Suhring, A. Freyberger  |
| • Commissioning, CASA                                                       | M. Spata                   |
| • Engineering                                                               | W. Oren                    |
| • Facilities                                                                | B. Sperlazza               |
| • ESH&Q                                                                     | M. Logue, D. Owen          |
| • PMI                                                                       | P. Collins, K. Krug        |
| • Integration                                                               | D. Napier                  |

**• Next meeting**

**D. Napier**