

**Long Shutdown Integration Meeting**  
**January 31, 2013**  
**F224-225, 10:00 a.m.**

**MINUTES**

**Action items are noted in Red Font**

- **Intro, issues** **F. Pilat**
  - From the director's review recommendation to track TLA activities, TLA activities will be reported now from R. Yasky in a set of milestones. Coordinated with SRF (J. Preble), FML (R. Yasky & R. Sprouse)
  - Wednesday Bi-weekly meetings being revamped and discussed – meeting next week to meet again.
  - Response to review recommendations still in progress & risk update needed
  
- **LSDD Report** **S. Suhring**
  - R. Michaud is the next LSDD starting yesterday, Wednesday
  - See presentation for full details
  - A Few Highlights from the presentation:
    - C20 2L10 being pulled (sign offs done and ready to go) tomorrow for upgrade to a C50
    - MCC renovation construction began – morning meetings being held in B87 (back of bldg.)
    - B68 (W2) renovation underway
    - 2S+ region installation – girders, etc
    - Tagger Magnet for Hall D cores and coils – balance of parts coming in over the next week(s)
  
- **Update on the CHL-1 pipe plan** **R. Sprouse/B.Sperlazza**
  - See presentation for full details of plan (design to procurement to construction)
  - Final design planned for Monday Feb 4<sup>th</sup> and signatures needed – meetings planned
  - Planning for a notice to proceed (NTP) to contractor early Feb with construction complete planned for end of March or sooner. Design to procurement activities precede these milestones.
  - Stay tuned as weekly updates are done
  - After construction is done – plan is ~2 weeks to get to cooldown (cryo still working details)
  
- **Update on mitigation plans** **L. Harwood**
  - Meetings underway to review various options. No final decisions made as of yet.

- Looking at additional shifts, coordinating with SRF, CM commissioning, etc

- **Update on TLA milestones**

**R. Yasky**

- See presentation for full details for each milestone
- Milestones identified with SRF, Fulvia, FML:
  - Pri #1: Cleanrooms available 11-Feb
  - Cleanroom Ops reliable TBD
  - Pri #2: Ultra-Pure water (UPW) acceptable quality 4-Feb
  - UPW final water 1-March
  - Hot UPW 1-April
  - Pri #3: Acid Delivery Systems 8-Feb
  - GN2 systems TBD
  - Fire protection systems 8-Feb
- SRF impacts (J. Preble): 1,2, and 3 priorities identified for SRF impacts. VTA and CMTF are on line so testing for CMs, cavities are underway.
- Will review this every two weeks

- **Schedule status and progress**

**D. Napier**

- See presentation for full details
- **LSD progress sheets went out 30<sup>th</sup> Jan – due back to PMI by 4<sup>th</sup> Feb.**
- Please look 6 weeks ahead when progressing sheets
- CRs on the list will not be implemented until Feb so you will not see these changes in the January progress sheets – please bear with us
- Need physics information from Walt & Admiral re-plan from FEL
- Updated schedule for end of January progress will be published Feb 13<sup>th</sup> or sooner
- Resource provider feedback meeting held 24<sup>th</sup> Jan and discussed (some highlights) & action items for LSD team members:
  - **Physics planning needs coordination (bi-weekly/weekly meeting requested – Walt working on this) as well as one POC from the Halls are needed to the resource providers, Hall C in particular for S&A work**
  - **Administrative items to change in the schedule and data**
  - **Spreading of the labor vs. crew size management by group leaders being looked at**
  - **MSINST group needs additional people – group leader working with Will Oren**
  - **AWP/SPRs not in for items that are in the LSD schedule**
  - **Account codes are needed, validity of account codes needs to be checked**

- **Around the Room**

- 12GeV

- CAM ETC first review held and CAMs did a great job. More work coming and a second review being prepared

- 12 GeV Accelerator

L. Harwood

- Hall D refrigerator – working on compressors (2 of 3) being worked on
- 12 GeV Physics G. Young
- Physics R. Ent, J. Gomez, W. Akers
  - Working on coordination meeting with halls for resource providers
  - Working with PMI on resource labor spreading and information for schedule
- FEL G. Neil, R. Walker
  - Thanks to vacuum group and viewer work supporting the FEL. Vacuum established very quickly
  - Magnet test completed the 12 quads to be measured and the final ones have
  - Ring resonator long lead items coming in end of Feb
  - Admiral – 2 week slip past end of Sept (current due date for completion). SRF is reviewing re-work plan – multiple variables impacting their work in the test lab, but working on a plan
- Operability S. Suhring, A. Freyberger, R. Michaud
  - R. Michaud - Downtime performance and metrics project in preparation for operations
  - R. Michaud/K. Baggett, + working on hot checkout plan/management
  - Currently planning for 6 weeks of hot checkout and reviewing impacts with mitigation plans for water pipe/CM commissioning
  - S. Suhring offering a tour of the machine – just contact him. He will escort if you do not have the training.
  - Working with public relations on an opportunity for others to access the tunnel (after all installation and before hot checkout)
- SRF M. Drury, J. Preble
  - C100 6 in cave and will be done in about a week, 8, 9 and 10 are next
  - SL CM being pulled tomorrow from the tunnel
  - Re-working delay in commissioning in the tunnel and looking at 1-April start of commissioning (optimistic date)
- Commissioning, CASA M. Spata
  - Upcoming commissioning review being planned
  - Meetings in progress to prepare for the review
  - CASA group meeting with magnet measurement and team to review all data to date on the magnets. M. Bevins coordinating
- Engineering W. Oren
  - RF, DC, MSINST, S&A all asking for additional people – Will to touch base with Dianne on data
  - Looking for updated data/information on resource graphs
- Facilities B. Sperlazza
  - Counting house renovation – about 80% done with demo (interior almost done, roof still to be done). Renovation underway
- ESH&Q M. Logue, D. Owen
  - Risk update in progress. S. Smith will touch base with people assigned for the risks
- PMI P. Collins, K. Krug