

Long Shutdown Integration Meeting

July 19, 2012

F224-225, 10 am

MINUTES

• Intro

D. Napier

- ODH Assessment – tagger area calculations being revisited by Cryo/Engineering – plan to finish calculations by next week for review.
- CHL/linac warmup meeting held earlier this week. Will Oren has details on the activities for warming up – see “around the room updates” below for W. Oren
- Alignment for the transfer line - mtg planned for 23rd of July
 - Look back at the historical performance of the machine.
 - Can we correct with the machine components if the alignment is not done – to be discussed at the meeting on the 23rd
- Benesch emailed his presentation from the RF pit meeting held by C. Reece a few weeks ago.
- Next RPM is on 25th July at 1:30pm. W. Oren is on travel, D. Napier organizing meeting.
- RPM last Wednesday – action items posted to website
 - Open action items: None
- LSD Thursday meetings will now alternate weeks with the RPM. Placeholder on your calendars (to be marked as tentative) in case there is a need to meet – but next meeting is 2 August 2012
- Will add the LSD deputy phone number to the LSD website.
- Emergency card with phone numbers is being updated and will now include the PD/LSDD phone number.
- Steve Smith will meet with Fulvia next week for risk registry.

• LSDD Report

R. Michaud

- Filling in for Steve while he is out
- No work related injuries
- Work going well
- Locking up injector for 500keV run in the afternoons and going well
- 2L22 commissioning wrapping up tonight
- 0L04 moved to 2L21 (bases being demo'd now)
- 2S/2R plates/stands, 1S LCW demo, and Tagger SEG blocks
- 1R bolt layout by S&A and injector network completed
- General clean up
- Electrical power load shed event yesterday afternoon
- Ongoing water leaks being reviewed/fixed with FML

- **Schedule, 3 months look-ahead D. Napier**

- No new changes for the 3 month look ahead from list presented last week – see presentation (back up slides for full list)
- Progress sheets will be sent out to PMs 30 July. Please return to PMI by COB 2 August. If you are out, please let PMI know who to send sheets to:
 - Jessie Butler for Ed Folts
- Critical path analysis (22 days of float or less) includes what the float is respective to
 - CHL cooling towers – 30 Jan 2013 constrain date (contractually).
 - Need to add header as a separate task as this is the critical part of this project. B. Sperlazza to provide information to Pat.
 - CM Commissioning will continue to be on the critical path.
- Change requests/NTF:
 - ODH CR:
 - Tagger area re-analysis and will be done next week by Engineering Cryo
 - Page one submitted by 12GeV
 - November date is HDR flowing to the linac
 - NOTE: hall D is done and there is a plan for ODH- no change to the requirements – this CR is the ramp/tagger area only.
 - 12GeV Hall B review will be ~late September

- **Around the room, updates**

(All)

- 12 GeV accelerator L. Harwood
- 12 GeV physics G. Young
- Physics R. Ent, J. Gomez, W. Akers
 - Hurricane season starting – plans for ESB during a power outage and damage to components if HVAC goes out. Walt is working with Carrol and Paul for options.
 - Mary notes to provide list of people that need to be on site during an event to the security guards/FML for this building
 - Space for engineering (bldg 72 entire front end (physics storage building) has been established.
- FEL R. Legg
- Operability S. Suhring, A. Freyberger
- Engineering W. Oren
 - CHL/Cryomodule warmup meeting:
 - Go to 4K as soon as possible Aug 1st and once stabilized, then pull U-tubes
 - Liquid to a trailer/truck, filling to dewar to trailer and then draw the linacs down. SRF coordinating for this draw down.
 - Truck off site by Aug 8th

- Turbos on the CMs will start to get overloaded as the cryo pumping goes south – IH for oil mist from the turbos being evaluated with IH group
 - Follow up meeting July 30th after 0800 to get ready for the Aug 1st start.
 - SRF maintenance on CMs/ cryo maintenance on transfer lines/ possible re-alignment on transfer line / installation group as well working in this same area – Will organizing a meeting for this coordination – much coordination done already.
 - Start reinstallation of U-tubes mid November – Leigh/Will looking at schedule
 - FEL is coordinated as well
- Facilities B. Sperlazza
 - Counting house low bidder being evaluated. Options for award will be looked at next week. Schedule for start of work comes 21 days award. Halls need about a week's notice prior to start (or earlier notice) to start relocating equipment. FML advises to start move as soon as possible if the hall staffing is available. FML will organize a meeting to review prelim schedule with physics
 - Needs to be ready for Hall A counting house – Walt to provide information to PMI for schedule link.
- ESH&Q M. Logue, D. Owen
- PMI P. Collins, K. Krug
- Integration D. Napier

- **Next meeting** **(D. Napier)**
 - 2 August 2012