

Long Shutdown Integration Meeting

October 25, 2012

F224-225, 10 am

MINUTES

- **Timeline: Re-baseline and Director Review** F. Pilat
 - See presentation for full details
 - Re-baseline every 5 to 6 months
 - Rebaseline #1 review – 16 Nov 2012
 - Rebaseline #2 review – April 2013 (include RECO/Commissioning plan)
 - Overall Sept progress: cooldown moved to January 2013 (cryo work delays), CTF/CMTF/VTA re-co months behind, etc
 - Rebaseline goals
 - Revisit LSD overall plan, re-plan major activities and logic
 - Update scope of work: add/remove activities captures by LSD schedule
 - Look critically at float
 - Assign must/should/like
 - Review goals
 - Present a new plan to accomplish the “must” activities and as much “should” possible while maintaining acceptable float
 - Respond to may review recommendations
 - Address risk, safety
 - Review input
 - Progress as end of Oct (spreadsheet/EV data)
 - Proposed LSD changes and resource analysis
 - Schedule implementation
 - New baseline implemented in primavera by Dec so that the Dec progress can be collected on the new baseline.
 - Re-Baseline Timeline
 - LSD progress to PMs on Oct 30
 - LSD laundry list (changes, etc) from PMs due Nov 1
 - LSD progress due back to PMI Nov 2
 - LSD progress for end of Oct to be done by Nov 9
 - Mont Review – Nov 16
 - Re-baseline Laundry List – all PMs to review the list
 - AWP system to be reviewed for scope and added to the list – Dianne will work on this
 - Fulvia will schedule a meeting next week with PMs to review new scope for the re-baselining effort.

- **LSDD Report**

M. Logue

- See presentation for full details
- Cryo continuing transfer line PM and He line to Hall D
- FML complete HC truck ramp & 40MVA station PM
- In general great progress and now preparing hurricane checklists
- Arne is next LSDD starting Wed Oct 31

- **Schedule progress and plans**

D. Napier

- Review of schedule progress as of end of Sept (schedule, CP, resources)
 - PSS has made great progress in Oct so we will see this change in the schedule analysis for next progress collection. They are in good shape now. Milestone is now 1st week of Jan. Electrician support is great.
 - PSS milestones and float to be checked by Dianne against 12GeV logic and make necessary corrections.
 - Hall C de-installation was supposed to be done in Feb 2013 and are currently reviewing options to get back on schedule or review 12GeV installation schedule tie to this date/float available.
 - Claus requests an analysis of the 12GeV Cryo EV graphs – Dianne & PMI to review
- Oct progress collection
 - LSD progress sheets will be sent to PMs on Oct 30
 - LSD progress due back to PMI Nov 2
- 3-month look ahead
 - CM interference done
 - Transfer line realignment – almost done
 - CH renov can mobilize tomorrow – but will wait until after hurricane
 - Cooling towers being set this week and flushing next week. Will make water flow date
 - Tunnel penetrations moving to injector area now.
 - 68 extension contractors has mobilized now
 - HVAC/roof still in award process
 - FEL ring resonator and maintenance work on schedule to get ready for run in mid January. Will run through mid July (this is the expected time for Admiral)
 - Some radcon support will be needed at the test lab once it is up and operational
 - HB – large angle calorimeters coming out Monday – will be used for HA
 - HC – concrete removal going well; truck ramp penetration still has problems; SOS dipole removal starts next week
 - HD – fiducializations done? No - Need to clean up activities for re-baseline. Walt Akers/Hall D

- CRs/Re-baseline Laundry List
 - 12GeV Hall B installation schedule review is planned for the 14th of Nov and this date will remain as planned. Ensure Tilles and Miller are in the room for 12gev hall b installation schedule. Dianne will follow up.
 - 11GeV separator PM is Mark Wissman. Dianne to note.
 - Dianne will send around list of scope changes and new scope for the re-baselining effort

- **Updates**

- **Cryogenics, Cool-down**

W. Oren

- Holding cooldown date for beginning of January (only CHL1 cooldown). FML to work with M.Wright on commissioning impacts of FML work and recovery compressors being used (even though we are not cooling down until Very tight with part delivery challenges).
- Flowing gas (ODH rules will change) – next week or so. Announcements will be made
- CHL cooldown Jan
- 80K cooldown mid Dec through Christmas
- Start HD refrigerator Jan
- Don't want to run two CHLs at once coming this summer (May) – transition from CHLI to CHLII – also power bill at this time. To get CHLII commissioned in time, we have to get ready by January.
- 3 major commissioning activities in January (HD refrigerator, linac cooldown, prep for CHLII)
- 3 new welders and fully staffed.

- **SRF maintenance (M. Drury)**

- Finished the injector and north linac. In a week or two to finish up the FEL and then heading back to South linac.

- **SRF Status**

J. Preble

- Main focus is getting back into the test lab and CMTF/VTA/CTF going. Plan is being developed for optional swing shift work to work when Mortenson is not working. But others are needed to help (radcon, FML, pss) to get their work going.

- **CTF, CMTF, VTA**

E. Akers

- Same as above (SRF Status)

- **Cryomodule maintenance/commissioning** M. Drury

- Talking with Merz/RF guys to coordinate work. Draft plan in place.

RF maintenance/repairs

B. Merz

- Met with SRF and currently developing RF maintenance list to coordinate with draft CM re-commissioning schedule by Drury. Working to support the CM Drury schedule, but still working details of resource loading. Looking for end of next week to have plan together.

Halls

W. Akers

- Nothing new than previously discussed
- Preparing hurricane checklists

• Around the room

- 12 GeV accelerator
- 12 GeV physics
- Physics
- FEL
- Operability
- Commissioning, CASA
- Engineering
- Facilities
- ESH&Q
- PMI
- Integration

L. Harwood
G. Young
R. Ent, J. Gomez, W. Akers
R. Legg
S. Suhring, A. Freyberger
M. Spata
W. Oren
B. Sperlazza
M. Logue, D. Owen
P. Collins, K. Krug
D. Napier