

Long Shutdown Schedule Development Status

22 March 2012

Dianne Napier

Pat Collins/Heidi Derby

COUNTDOWN TO START OF DOWN:

58 days = 1.9 months

- Project Manager Responsibility
- Schedule Requirements
- Access to Schedules
- Overall Timeline to Baseline
- Outstanding Action Items

Project Manager Responsibility

- Overall Schedule Integration Dianne Napier
- 6 GeV Physics Walt Akers
- 12 GeV Physics Glenn Young
 - ❖ Hall A John LeRose
 - ❖ Hall B Latifa Elouadrhiri
 - ❖ Hall C Howard Fenker
 - ❖ Hall D Eugene Chudakov
- 6 GeV Accelerator Steve Suhring
- 12 GeV Accelerator Leigh Harwood
- FEL Bob Legg
- Facilities (FML) Bob Sperlazza
- ES&H Dick Owen, Keith Welch

Schedule Requirements

Activity ID	Activity Name	Start	Finish	Orig Dur	Predecessors	Successors	Resource IDs	PROJ ABBREV
124152020	Disconnect Power on #3 Dipole	01-Oct-12 08:00	01-Oct-12 16:00	1.0d	124152015	124152025	DC ELEC TECH	

- **Activity Name:** A clear and concise description
- **Start:** Date to start the activity
- **Finish:** Date to complete the activity
- **Duration:** Length of time to perform the activity
- **Predecessor:** The preceding activity
- **Successor:** The following activity
- **Resource IDs:** Choose from the detailed list provided
- **Project Abbrev:** Funding code, “Funded”, “Not Funded”

Schedule Snapshots

The image shows two overlapping browser windows from the Jefferson Lab website. The background window displays the 'Long Shutdown (LSD)' page, which includes a navigation menu on the left and a main content area. The foreground window shows an 'Index of /TLSD/SCHEDULES' page with a table of files and folders.

Jefferson Lab Project Management & Information
Jefferson Lab > Directorate > PM&IP

Jefferson Lab
Exploring the Nature of Matter

LINKS

- LSD Home
- Meeting Agendas
- Meeting Notes
- Presentations
- LSD Pre-SAD Safety Training
- Weekly Progress Meetings
- Scope of Work
- List of Issues

Long Shutdown (LSD)

[SAD Calendar](#)

[Integrated Schedule Folder](#)

Index of /TLSD/SCHEDULES

Name	Last modified	Size	Description
Parent Directory			-
FEL Schedule and Milestones 09 Mar 2012 PMC.pdf	09-Mar-2012 09:21	252K	
LSD Sch FEL and Milestones (Excel) 09 Mar 2012 PMC.xlsx	09-Mar-2012 09:24	21K	
LSD Sch FML and Milestones (Excel) 13 Feb 2012 PMC.xlsx	13-Feb-2012 14:22	21K	
LSD Sch FML with Milestones 13 Feb 2012 PMC.pdf	13-Feb-2012 14:19	202K	
LSD Sch Hall A and Milestones (Excel) 05 Mar 2012 PMC.xlsx	05-Mar-2012 16:06	41K	
LSD Sch Hall A and Milestones (Excel) 13 Feb 2012 PMC.xlsx	13-Feb-2012 14:18	39K	
LSD Sch Hall A with Milestones 05 Mar 2012 PMC.pdf	05-Mar-2012 16:04	876K	
LSD Sch Hall A with Milestones 13 Feb 2012 PMC.pdf	13-Feb-2012 14:09	612K	
LSD Sch Hall B and Milestones (Excel) 05 Mar 2012 PMC.xlsx	05-Mar-2012 16:11	37K	
LSD Sch Hall B with Milestones 05 Mar 2012 PMC.pdf	05-Mar-2012 16:10	1.3M	
LSD Sch Hall C and Milestones (Excel) 19 Mar 2012 PMC.xlsx	19-Mar-2012 11:41	20K	
LSD Sch Hall C with Milestones 19 Mar 2012 PMC.pdf	19-Mar-2012 11:42	293K	
Old Files/	09-Mar-2012 09:25	-	
Project Resource List TLD.xlsx	15-Mar-2012 16:01	17K	
Review/	16-Mar-2012 08:21	-	

Overall Timeline to Baseline



- Develop WBS Framework – Jan '12
 - Schedule Validation Process – Mid Feb to End of March '12 (need all revisions by March 27th)
 - Resource Leveling Process – Early April '12
 - Baseline & Start of Change Control Process – End of April '12



Schedule Validation Reviews

Outstanding Actions



Worth 1000.com

- Hall A 16 Feb
- FML 28 Feb
- Hall B 9 March
- FEL 14 March
- Hall D 20 March
- Hall C 21 March

Upcoming Reviews

- PEPPo & Acc 23 March
- 12GeV Acc 28 March

Hall A

(Revised Schedule done 9 March)

1. Compton design “mini-review” (Ed Folts)
 - Compton can fiducialization
 - Compton alignment task (beamline) adjustments
 - Compton BPM special can (I&C review)

FML

(Revised Schedule done 7 March)

1. Tunnel Dehumidifier replacements – locations & durations (possible beamline impacts for some locations). (B. Sperlazza)
2. Tunnel penetration repair – location/WG prototype & duration. (B. Sperlazza)

Hall B

(Revised Schedule sent 19 March)

1. Identify Hot work permit needs (D. Tilles/Pat Collins)
2. Add safety system group (SSG) work (D. Tilles/K. Mahoney)
3. Call out Jan 2013 survey network work in the schedule (line item). (D. Tilles)
4. Add electrical techs for the cable removal. (D. Tilles)
5. Add RadCon resources (D. Tilles/K. Welch)
6. Remove 12GeV items (D. Tilles/W. Akers)

FEL

(Revised Schedule NOT sent)

1. Add activity for FL02 U-tubes work and transfer line maintenance (B. Legg)
2. Update Admiral installation & commissioning (B. Legg/P. Collins)
3. Add SRF/other resources to Admiral rebuild plan (M. Drury/B. Legg)
4. Remove VUV work section (1.27.3) (P. Collins)
5. Change BL hours from 32 to 40 hours on activity 1274000 for mech tech resources. (P. Collins)
6. Update FL02 CM removal (M. Drury/B. Legg)

FEL

(Revised Schedule NOT sent)

7. Add mech tech (vac & inst) resources to Activity 1275004: remove 8 quads, stands, viewers, BPMs from 4F and 3F (N. Wilson/B. Legg)
8. Add mech tech resources to 1275010: Install 6 quads...(N. Wilson/B. Legg)
9. Dark Light Breakout group needed for the following (G. Biallas, C. Curtis, N. Wilson, J. Heckman, J. Coleman, R. Lauze/S. Wood, K. Baggett)
 - a. Break down quad work.
 - b. EESDC support (trim 2 support).
 - c. Break out resources in smaller chunks.
 - d. Re-work 1.27.7.5 reinstall beamlines section

FEL

(Revised Schedule NOT sent)

10. Add mech techs for Activity 1275065 Install Happex Girder in 6F. (N. Wilson/B. Legg)
11. Activity 1275070 (fix hours) 1275071 (add mech tech resources). (B. Legg/N. Wilson)
12. Implement S&A estimates. (B. Legg/C. Curtis)
13. Add software resources for activity 1275080. (B. Legg/M. Bickley)
14. Add “remove dark light” and restore beam lines for IR ops. (B. Legg)
15. Add cooldown of FEL after warmup of CHL1 (including CM maint, Ins Vac Spaces). (B. Legg/J. Heckman/M. Drury)

FEL

(Revised Schedule NOT sent)

16. Admiral waveguides done beforehand? (C. Curtis)
17. Add fiducialization in cave (B. Legg/C. Curtis)
18. Remove warm CM to 300K (activity 12771020) (B. Legg)
19. Add logic for 4K trip at beginning of the down. (B. Legg)
20. Add Admiral warm region girder mod (B. Legg/N. Wilson)
21. RadCon review (B. Legg/K. Welch)
22. Breakout activity 12772035 and review resource assignments/hours. (B. Legg/R. Lauze)
23. Activity 12775025 reinstall block/dam to be linked with admiral installation (activity 12772000) (B. Legg/P. Collins)

Hall D

(Revision in Process)

1. Validate Survey & Alignment estimates/durations throughout the schedule. (T. Carstens/C. Curtis)
2. Add fiducializations throughout schedule (T. Carstens/C. Curtis)
3. Add alignment of tagger stands (T. Carstens/C. Curtis)
4. Add Control network surveys (in Hall & Tagger to Hall D) (T. Carstens/C. Curtis)
5. Coordinate power outages. (T. Carstens/B. Merz)
6. Break out explicitly non-Hall D labor. (P. Collins/H. Derby)
7. Correctly bound the schedule for float calculations. (T. Carstens, T. Whitlatch, P. Collins)

Hall D

(Revision in Process)

8. Remove all cryo labor but not activities. (T. Carstens)
9. Remove mech vac tech labor from activities 26, 50, 52, 55 through 58, and 60. (T. Carstens)
10. Identify FML labor & activity 29 from elec tech to FML. (T. Carstens)
11. Coordinate beam dump activities. (T. Carstens, L. Harwood, T. Whitlatch)

Hall C

(Revision in Process)

1. Cryo support for QWeak target test. (W. Akers/M. Wright)
2. Beamline removal & disconnects (W. Kellner, R. Lauze, O. Garza, J. Heckman, N. Wilson)
3. Beamline removal tasks to be added. (W. Kellner/W. Akers)
4. PSS pull back (Ion chambers on beamline, run safe boxes) to be added. (W. Kellner/K. Mahoney)
5. Change #124340110 and #12434025 to EES electricians (not elec tech). (W. Kellner/W. Akers)
6. Cryo support for HMS reconfig (activity 12435000) and HMS cooldown (activity 12435025). (W. Kellner/M. Wright/G. Smith)
7. Check S&A resources/durations for SHMS Rail installation (this is a 12GeV activity) #12431105). (W. Kellner/C. Curtis)
8. Alignment network update (W. Kellner/C. Curtis)



**Send in all revisions
by March 27th !**