

LSD Schedule Development Status

8 March 2012

D. Napier

P. Collins/H. Derby

**CALENDAR DAYS UNTIL
START OF DOWN:
72**

Schedule Development - Timeline & Status



- Develop Primavera Framework (WBS) – **By 20 Jan 2012**
- Pull in available plans into Primavera – **All schedules by Mid Feb 2012 to Mid March 2012**
- Schedule Validation Process, Edits, & Roll up details not needed for resource leveling or progressing – **Mid Feb 2012 to ~~Mid March 2012~~ April 2012**
 - **Note: Must do this in parallel while pulling in plans**
- Resource Leveling Process & Edits – **~~Mid March 2012 to Mid April 2012~~ April 2012 to May 2012**
- Baseline & Start of Change Control Process – **~~By mid April 2012~~ Before start of down (mid May 2012)**

Schedule Snapshot

- Posted to website front page (under integrated schedule folder):
 - https://www.jlab.org/div_dept/directorate/proj_mgmt/lsd/index.html
 - User ID & Password required to access website
 - Schedules also available in M:\TLSD\SCHEDULES (this is the link for the “integrated schedule folder”)
 - Schedules Reviewed & Action items are posted
 - Hall A Schedule, FML schedule, Hall B De-Installation (pdf and excel version) are posted
- Submit all schedules & feedback for schedules to:
 - patrickc@jlab.org
 - derby@jlab.org
 - dnapier@jlab.org

Detailed Schedule Requirements

- **Activity Description:** A clear and concise description. Describe only the work for that activity.
- **Resources:** Effort by the resource that are required for the work in that activity. Choose from the detailed list provided.
- **Duration:** How long it will take to perform the activity.
- **Project Code Abbreviation:** 12GeV, UIM, TEDF, Nuclear Physics, FEL – if not known – note “Funded” or “Not Funded”
- **Start Date:** Date that you plan to start the activity.
- **Finish Date:** Date that you plan to complete the activity.
- **Calendar:** Make sure you put the Jlab holiday calendar in your schedule.
- **Predecessor:** The preceding activity.
- **Successor:** The following activity.

Hall A Schedule Validation Review (16 Feb) - Action Items (Outstanding) - Revised Schedule sent 7 March

1. Add Moller Quad Measurement (must be done prior to installation)
(Ed Folts)
2. Separate Moller detector fiducialization from alignment (Ed Folts)
3. Add “upside down” girder rebuild scope (John Heckman/Ed Folts)
4. Add Compton can fiducialization (Ed Folts)
5. Add time on alignment task (beamline) for Compton (Ed Folts)
6. Compton BPM can – special. Does I&C know about? (Ed Folts)
7. Compton design “mini-review” (people that install the work can look at it). Not in fabrication yet, currently under design (Ed Folts)
8. Get most recent Hall A schedule to PMI (Ed Folts/Patrick Collins)
9. Where do beam dump schedules live??? – Need to hook it from non-12GeV accelerator scope that Steve Suhring is putting together (Patrick Collins/Dianne Napier)

Hall A Schedule Validation Review (16 Feb) - Action Items (Outstanding) - Revised Schedule sent 7 March

10. Add Post run survey of G2P to this schedule (J. Gomez)
11. Slow Raster removal scope (Ed Folts)
12. Resources to be corrected (Ed Folts) :
 1. Fix Cryo elect tech resources on 124121141215 & 124121141220
 2. Fix 124121142120 – should be a hall a tech
 3. 124123025 – has mech vac tech - need to correct this resource
13. ESR up & CHL additional information in milestones (W. Oren)
14. 12412115015 – warm target Oct 23rd (not correct date)– needs to be tied to ESR down. (Ed Folts)
15. 1241212170 cool down spectrometers (July 2013) – need better date that coincides when ESR comes back on line (Ed Folts)
16. APEX/PREX – don't know which one will be installed first – Ed's schedule has PREX in the schedule now (need decision by Oct/Nov 2012) (D. Napier to add to list of issues document)
17. “o” labor hours in schedule denote work being done by Hall A personnel. (P. Collins to list Hall A tech as resource and enter hours to keep schedules consistent.)

FML Schedule Validation Review (28 Feb) - Action Items (Outstanding) - Revised Schedule sent 7 March

1. Adjust dates/holidays (reconcile with FML Project file) (B. Sperlazza & P. Collins)
2. Add labor hours for N. Wilson group for activity 12610025 (B. Sperlazza)
3. Remove flood gate scope as it will be done prior to start of down (B. Sperlazza)
4. Remove Beam Dump Dehumidifier mods (A&C dumps) scope – S. Suhring will include in his section (B. Sperlazza)
5. 40MVA to 22MVA Tie line - add to the contract for the outage to be done after Aug 15th and no later than Nov 1st (same time as CHL is down and on weekend) & change in schedule. (B. Sperlazza)
6. 40MVA to 22MVA Tie line – Construction period listed is when the accelerator site does not have redundancy – not a concern since CHL will be down anyway
7. CHL back up system called a cutover task – for May 18th (B. Sperlazza)
8. CHL1 Cooling Tower Replacement – August 15th start in the schedule (this includes water as well as Cryo). This date fits in M. Solaroli's contract, but it's tight. (B. Sperlazza)

FML Schedule Validation Review (28 Feb) - Action Items (Outstanding) - Revised Schedule sent 7 March

9. CHL1 Cooling tower replacement: Need recovery compressor scope added and one week outage (electrical). (B. Sperlazza)
10. Remove CC Crosswalk scope – no impact (B. Sperlazza)
11. Remove West Arc Ditch Repairs scope – will be done before down (B. Sperlazza)
12. Tunnel Penetration Repairs – Consider doing one waveguide prototype – but cannot make a decision until 12GeV Accelerator plan is reviewed (L. Harwood). Will hold scope until after 12GeV Accelerator plan review. Add to list of issues document (D. Napier)
13. Tunnel Dehumidifier replacements – need locations and durations and timing for each to add in the schedule (possible beamline impacts for some locations). (B. Sperlazza)
14. B68 Extension – need details for downstairs work (LCW) & cost, duration as this may be more advantageous to do during this down. Break out 12615025(B. Sperlazza) (D. Napier to add to list of issues)
15. Remove N&S Back up towers scope (FY14) and all others listed as no funding (B. Sperlazza)

Schedule Validation Process - Status & Timeline

- **Ready for Review:**

- Hall B De-Installation (W. Akers) – March 9th meeting scheduled (2:30–4:00pm CC F224-225) & schedule (pdf and excel versions) sent to team.

- **PMI Implementation into P6 Schedule:**

- FEL (G. Neil/B. Legg) – March 14th meeting scheduled (2:30–4:30 CCF 324-325)
- Hall D (E. Chudakov) – Hall D Team will review 12GeV Project schedule and work coordinator detailed schedule prior to review & implementing detailed resource list . - March 15th meeting scheduled (3:00–4:30pm CC F324-325).

- **In Development by Project Managers:**

- Hall C De-Installation (W. Akers) – Waiting on Qweak input for de-installation activities and HMS cooldown/PS testing (12GeV) to be included. March 21st meeting scheduled (3:00–4:30pm CC F324-325)
- PEPPo & Non 12-GeV Accelerator (S. Suhring/A. Freyberger) – Need status for major work schedule (injector rebuild, hall a dump work, CM cooldown & maintenance). March 23rd meeting scheduled (10:00–12:00pm Location TBD)
- 12GeV Accelerator (L. Harwood) – being revised. March 28th meeting scheduled (2:30–3:00pm Location TBD)
- 12GeV Hall B (Latifa) – being revised. April 4th meeting scheduled (2:30–3:00pm Location TBD)
- 12GeV Hall C (H. Fenker) – being revised. April 6th meeting scheduled (3:00–5:00pm Location TBD)