



3 Month Look Ahead & Long Shutdown Schedule Status

27 September 2012

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**COUNTDOWN TO LSD RE-BASELINE/UPDATE:
28 days (to mid Oct 012)**

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- **3 Month Look Ahead**
 - **Baseline, Progress & Files**
 - **Change Request List**

3 Month Look Ahead (Sept, Oct, Nov, Dec 2012)

- 3 month look ahead report available:
 - <https://www.jlab.org/TLSD/SCHEDULES/>
- Information from (end of) August 2012 progress schedule

- Major Milestones & Outages:
 - **Test Lab Demolition**
 - FML milestone: Test Cave & VTA Limited Use Complete (**10 Sept**)
 - **CHL/Cooldown**
 - Hall D Solenoid Cooldown (**mid Nov**)
 - N/S Linac cooldown start (**early Dec**)

3 Month Look Ahead – Major Activities (Sept, Oct, Nov, Dec 2012)

- **12GeV Accelerator – Beam Transport**
 - Complete S/R removal
 - S/R & EArc 1&3 magnet refurb continues
 - 0L/0R dipole and girder installation & alignment (by end of Oct)
 - HA, HB, HC beamline dipole and girders removed (by end of Nov)
 - Continue Arcs 1 & 3 disconnects, magnets & girders removal, magnet refurb (by Jan 2013)
 - Stand delivery (ES, VWR, WS) (by mid Nov)
 - Tunnel Green door/movable wall (by early Nov)
- **12GeV Accelerator – CM, Power, I&C, Safety Sys, & Cryo**
 - CM#3 (NL22) & #7 (NL24) Installation (end Oct & end Nov)
 - Linac Transfer Line Mods (Aug to end of Oct)
 - Hall D CHL Transfer Line & Header Work – solenoid dist can/header, transfer line (June through Nov)
 - Complete Box Supply & Shunt Shuffles (by end of Oct & Sept)
 - PSS Linac Upgrades (by early Dec)

3 Month Look Ahead – Major Activities (Sept, Oct, Nov, Dec 2012)

- **Acc Ops**
 - Various maint work
 - Dummy CM removal complete (end of Sept)
 - CM Shuffle – RI00 installation, OL04 installation complete (by early Sept)
 - Transfer Line Alignment (by mid Oct)
- **Conventional Facilities (FM&L)**
 - Counting House Renovation mobilization (mid Oct)
 - CHL#1 Cooling Tower Headers & Setting Tower (Aug to end of Nov)
 - Tunnel Penetration Repairs (waveguide, sl area, injector, HC truck ramp) (Aug to end of Dec)
 - B68 extension contract award & start of construction (by end of Oct)
 - MCC HVAC/Roof contract award to material orders (Oct to mid Nov)
- **FEL**
 - Admiral cavity processing/qualification (Sept to Dec)
- **ESH&Q**
 - RadWaste Shipment complete (by end Oct)

3 Month Look Ahead – Major Activities (Sept, Oct, Nov, Dec 2012)

- **Hall A**

- Upside down girder final alignment (Sept)
- S&A compton polarimeter dipole #2& #3 (mid Oct)
- Upstream beam girder 2B alignment (early Oct)
- Align new Moeller quads (mid Sept)
- Moeller beam line alignment (end of Oct)
- Cryogenic work continues

- **Hall B**

- Cable removal continues (cables wet from flood & need to dry/retest)
- Panel 2 & 3 TOF removal (Sept/Oct)
- Remove South Clamshell (Oct)
- R1 DC removal (mid Oct)
- R3 DC removal (by early Nov)
- Start Torus removal (by mid Oct)

3 Month Look Ahead – Major Activities (Sept, Oct, Nov, Dec 2012)

- **Hall C**

- QWeak removed (early Oct)
- Complete Concrete Floor removal complete (by mid Oct)
- Complete removal of SOS Dipole, shield hut, steel structure (by end of Nov)
- SHMS rail section installation (end Nov to early Dec)

- **12GeV Hall D**

- Fiducialize Quad magnet (early Sept)
- Solenoid platform installation (by early Oct → must be done sooner – task includes stairs not needed as soon)
- Fiducialize PS magnet (early Oct)
- Hall electrical power infrastructure (by early Oct)
- FCAL detector housing infrastructure (by mid Nov)
- Tagger, stands locations (survey) (mid Aug to mid Nov)
- BCAL (light guides, rails) (start early Oct → will be delayed)

Baseline & Progress

- Baseline achieved as of 11 May 2012 (12GeV activities are as of end of April 2012).
- Progress as of end of August completed 13 Sept 2012
 - Activities that did not start as planned & didn't have an updated start date provided → default to first working day of Sept 2012
 - All files posted to web
- Progress sheets for end of Sept → to PMs today, Thursday 27th Sept.
- Due back to PMI (patrickc, chummel) → COB Tuesday 2nd Oct.

Upcoming NTF/Change Requests

1. FEL MSINST support needed (B. Legg) – Work planned to start whenever resource groups can start (No earlier than Oct 2012). CCB meeting held, not approved, details being planned for resubmission.
2. CM Re-Commissioning & He Processing (M. Drury) – draft plan being worked. Work planned to start after cooldown in Jan 2013.
3. 12GeV Hall C Schedule Implementation (H. Fenker/G. Young) – Oct Review – 17 Oct 0900-10:30pm CCF224-225
4. 12GeV Hall B Schedule Implementation (Latifa/G. Young) – Oct/Nov Review
5. 12 GeV ACC RF Circulator Swaps (L. Harwood) – pending funding, scope being reviewed

Files (Posted to Website)

- <https://www.jlab.org/TLSD/SCHEDULES/>
- PDF & Excel version of schedule (baseline & progress)
- Resource Utilization File
- 8 Week Look Ahead – for the RPM Bi-Weekly
- 3 Month Look Ahead – for the Thursday LSD Team planning efforts
- Progress Schedule, Critical Path, & Resource Analysis File
- [Earned Value \(EV\) Charts](#) → now posted for Aug progress
- Change Request Folder
 - CR Page One template & example
 - CR Log