

3 Month Look Ahead & Long Shutdown Schedule Development Status

12 July 2012

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**COUNTDOWN TO LSD RE-BASELINE/UPDATE:
42 days (to August 15th)**

- ▶ 3 Month Look Ahead
 - ▶ Baseline, Progress & Files
 - ▶ Change Request List
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3 Month Look Ahead (July, August, Sept 2012)

- ▶ 3 month look ahead report available:
 - <https://www.jlab.org/TLSD/SCHEDULES/>
- ▶ Major Milestones & Outages:
 - CHL #1 Warm Up Begins & Ends: 1 Aug & 15 Aug
 - Test Lab Demolition (Start Milestones)
 - ✓ West Wing 2nd Floor Shop Area (June 4)
 - ✓ West Wing First Floor High Bay South Clean Rooms (June 11)
 - ✓ High Bay Major Demolition (June 25)
 - Test Cave & VTA Limited Use (25 June – 17 Aug)

3 Month Look Ahead – Major Activities (July, August, Sept 2012)

- ▶ **12GeV Accelerator – Beam Transport**
 - Complete S/R removal
 - Complete West Arcs Rough Alignment (by mid Aug)
 - Complete ER & WR magnet and girder re-work (by mid Aug & Oct)
 - Complete ER stand installation (by mid Sept)
 - Complete Arcs 1 & 3 disconnects, magnets & girders removal, magnet refurb (by mid Aug & Jan 2013)
- ▶ **12GeV Accelerator – CM, Power, I&C, Safety Sys, & Cryo**
 - Complete CM#4 Commissioning (SL22) & Associate RF (by end of July)
 - Complete Box Supply & Shunt Shuffles (by end of Aug & Sept)
 - Linac Transfer Line Mods (Aug to Sept)
 - CHL He Plant – 4K cold box testing (Sept to mid Jan)
 - PSS Linac Upgrades (by early Dec)
- ▶ **Acc Ops**
 - Various maint work
 - CM Shuffle – 0L04 remove, rebuild, and installation of girders (by end of Aug)

3 Month Look Ahead – Major Activities (July, August, Sept 2012)

▶ 12GeV Hall D

- PS Magnet fiducialization & initial alignment (by end of July & Sept)
- FCal detector housing infrastructure (by end of Aug)
- Tagger, Goniometer, Quad mark stand locations (July & Sept)
- Install Bcal rails into solenoid (by early Oct)
- Complete solenoid cladding, shims, and platform (by early Oct)

▶ Hall A

- Complete G2P removal – upside down girder (by early Oct)
- Moeller Work continues (complete by early Oct)

▶ Hall B

- Panel 4 TOF removed (by end of July)
- Cerenkov Counters & FTOF removed (by end of Aug)
- Split CLAS (by end Sept)
- Panel 2&3 TOF & South Clamshell removed (by early Oct)

▶ Hall C

- QWeak decommissioning and removal (by early Sept)
- Concrete Floor removal complete (by end of Sept)
- SOS Dipole, shield hut, steel structure removal complete (by early Oct)

3 Month Look Ahead – Major Activities (July, August, Sept 2012)

- ▶ **Conventional Facilities (FM&L)**
 - Counting House Renovation construction starts (mid Aug)
 - Tunnel Penetration Repairs for waveguide penetrations Complete (by end of Aug)
 - 40MVA to 22MVA tie line complete (by end of Sept)
 - MCC HVAC/Roof Procurement & material orders (mid July to end of Oct)
 - CHL#1 Cooling Tower Headers & Setting Tower (Aug to end of Nov)
- ▶ **FEL**
 - Complete Run by end of July
- ▶ **ESH&Q**
 - Dosimetry Changeout complete (by early Aug)
 - RAM Inventory complete (by end of Aug)
 - RadWaste Shipment complete (by mid Sept)

Baseline & Progress

- ▶ Baseline achieved as of 11 May 2012 (12GeV activities are as of end of April 2012).
- ▶ Progress as of end of June → posted to the website
 - Activities that did not start as planned & didn't have an updated start date → default to first working day of July 2012
- ▶ Schedule & Resource analysis (excel sheet) provided to F. Pilat immediately after all progressed is collected/entered.
 - June progress collected & progress analysis completed (excel sheet).

Files

- ▶ 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 & Resource Analysis File
 - Change Request Folder
 - CR Page One template & example
 - CR Log

Upcoming NTF/Change Requests

1. FEL Admiral & run schedule (B. Legg) – CR reviewed at LSD CCB meeting 28 June & approved – implemented in schedule.
2. Transfer Line Alignment during warmup (W. Oren) – (From Wed 1330 6th June Mtg). CR reviewed at LSD CCB meeting 28 June – follow up analysis being done 23rd July mtg.
3. 12GeV Beam Transport mech & align tech profile smoothing (M. Bevins/L. Harwood) – page 1 will be submitted after progress collected for June 2012
4. 12 GeV ACC RF Circulator Swaps (L. Harwood) – (From Wed 1330 6th June Mtg & pending funding)
4. Baseline Review Recommendation Changes (F. Pilat) – Discussions on-going
5. 12GeV CR (?) for ODH requirements NLinac/Tagger – Discussions on-going
6. 12GeV Hall C Schedule Implementation (H. Fenker/G. Young) – Aug Review
7. 12GeV Hall B Schedule Implementation (Latifa/G. Young) – ? Review