

3 Month Look Ahead & Long Shutdown Schedule Development Status

21 June May 2012

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

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

(June, 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 Start (25 June – 17 Aug)

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

- ▶ **12GeV Accelerator – Beam Transport**
 - Complete ER removal (by early July)
 - Complete ER stand installation (by mid Sept)
 - Complete ER magnet and girder re-work (by mid Aug)
 - Complete WR removal (by early Sept)
 - Complete WR magnet and girder re-work (by mid Oct)
 - Complete ES removal (by mid Sept)
 - Complete ES girder rebuild (by early Aug)
 - Complete WS removal (by early Nov)
 - Start TR removal (cables and disconnects) – (mid July)
 - Complete Arcs 1 & 3 disconnects, magnets & girders removal (by mid Aug)
 - Arcs 1 & 3 magnet refurb (Aug to Jan 2013)
 - Complete West Arcs Rough Alignment (by mid Aug)
 - ER Stand Delivery (mid Aug)

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

- ▶ **12GeV Accelerator – CM, Power, I&C, Safety Sys, & Cryo)**
 - Complete CM#4 & #5 Installation & Commissioning (SL22) & Associate RF (by end of July)
 - Complete NL Transfer Line Rebuild (by end of Aug)
 - SL Transfer Line Rebuild (complete by end of Oct)
 - Complete Box Supply Shuffles (by end of Sept)
 - Shunt Shuffle (by early Oct)
 - 75A Shunt Upgrade starts (Aug)
 - Complete Hall D Trim Hardware (by end of Aug)
 - Trim Power supply & rack installations (July to end of Oct)
 - Various magnet cables (shunts, trims, S/R, Earc, BSY)
 - CHL He Plant – 4K cold box testing (Aug to mid Dec)
 - Hall D Solenoid Distribution Can Header installation (July to Sept)
 - Complete Hall D Refrigerator Inst & Controls (by mid July)
 - Arc 10 BPMs complete (by end of July)
 - Install & Test PSS BCMs (by mid Sept)
 - PSS Linac Upgrades (by early Dec)

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

▶ Acc Ops

- Various maint work
- CM Shuffle – OL04 remove, rebuild, and installation of girders (by end of Aug)
- PEPPo Run Complete (end of June)

▶ 12GeV Hall D

- Complete solenoid cladding, shims, and platform (by end of Sept)
- PS Magnet fiducialization & initial alignment (by end of July)
- FCal detector housing infrastructure (by end of Aug)
- Bcal rail S&A (mid Aug) & Install Bcal rails into solenoid (by mid Aug)
- Tagger, Goniometer, Quad mark stand locations (by end of Aug)
- Collimator Shielding complete (end of June)
- Hall electrical power infrastructure complete (end of June)

▶ Hall A

- Complete G2P removal – upside down girder (by end of Aug)
- Moeller Work continues (complete by end of Aug)

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

▶ Hall B

- Cable removal continues
- Hdice removal complete (by mid June)
- Split CLAS (by mid Sept)
- Panel 4 TOF removed (by mid July)
- Cerenkov Counters removed (by early Aug)
- FTOF removed (by end of Aug)
- Panel 2&3 TOF removed (by early Sept)
- South Clamshell removed (by early Sept)

▶ Hall C

- Beamline removal (BCM to Target) (by mid June)
- QWeak decommissioning and removal (by mid Aug)
- SOS Dipole removal complete (by end of Aug)
- Concrete Floor removal complete (by early Sept)
- SOS Concrete Shield Hut and Steel Structure removal (lead plates) – (by end of Aug)

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

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

Baseline & Progress

- ▶ Baseline achieved as of 11 May 2012 (12GeV activities are as of end of April 2012).
- ▶ Progress as of end of May → posted to the website.
- ▶ Activities that did not start as planned & didn't have an updated start date → default to 1 June 2012
- ▶ Schedule & Resource analysis (excel sheet) provided to F. Pilat immediately after all progressed is collected/entered.
 - File posted to website & will be reviewed at Thursday meeting
- ▶ June progress to be collected!
 - Excel sheets will be sent to PMs on Thursday **28 June 2012**
 - Due back to PMI by **2 July 2012**
 - 12GeV activities will be progressed through 12GeV Project progress collection (done by afternoon of 9 July 2012)
 - **Goal:** Have updated LSD schedule posted by 11 July 2012 for Wednesday 1330 meeting.

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. Transfer Line Alignment during warmup (W. Oren) – (From Wed 1330 6th June Mtg). Draft Page One submitted to CRC & Discussions on-going for logic/timing, effort level.
2. CM Alignment during warmup TL (W. Oren) – (From Wed 1330 6th June Mtg). Discussions on-going
3. NEW – FEL Admiral adjusted schedule (B. Legg) – working on page one now
4. 12 GeV ACC RF Circulator Swaps (L. Harwood) – (From Wed 1330 6th June Mtg & pending funding)
4. 12GeV Beam Transport mech & align tech profile smoothing (M. Bevins/L. Harwood) – page 1 will be submitted after progress collected for June 2012
5. Baseline Review Recommendation Changes (F. Pilat) – Discussions on-going
6. 12GeV Hall C Schedule Implementation (H. Fenker/G. Young) – July Review
7. 12GeV CR (?) for ODH requirements NLinac/Tagger – Discussions on-going
8. 12GeV Hall B Schedule Implementation (Latifa/G. Young) – Aug Review