

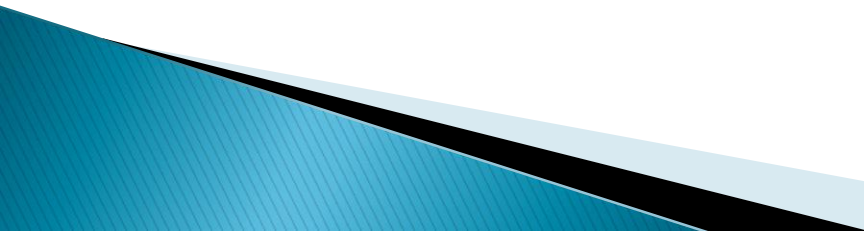
# 3 Month Look Ahead & Long Shutdown Schedule Status

19 July 2012

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**COUNTDOWN TO LSD RE-BASELINE/UPDATE:**  
**35 days (to August 15<sup>th</sup>)**

- ▶ 3 Month Look Ahead
    - (same as last time...no new changes?)
  - ▶ Baseline, Progress & Files
  - ▶ Critical Path
  - ▶ Change Request List
- 

# 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)
  - June progress collected & progress analysis completed (excel sheet).
- ▶ July progress sheets will be sent 30<sup>th</sup> July and due back to PMI by COB Aug 2<sup>nd</sup>.

# Critical Path (22 days float or less)

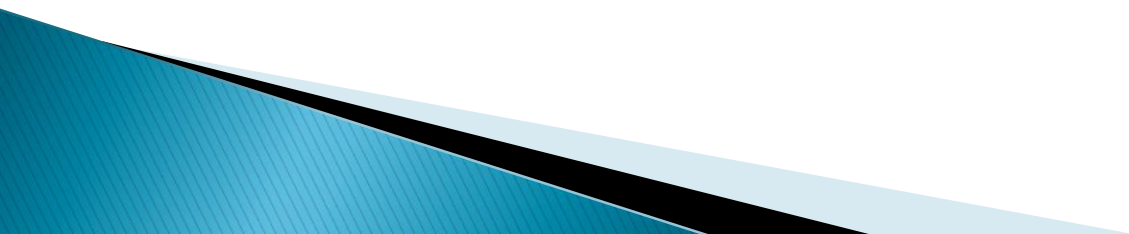
- ▶ From June 2012 Progress. File posted to website
- ▶ Analysis is now included as a separate tab in the schedule/resource progress analysis spreadsheet
  
- ▶ **1.20M.2.2 CHL Milestones/Outages**  
5 days float. Relative to 1.26 CHL cooling towers replacement (see below).
- ▶ **1.26.5 CHL Cooling Tower Replacement** (B. Sperlazza)  
1 day float. All activities in this WBS relative to Commissioning Towers 1 & 2 complete by 30 Jan 2013 (constrained date).
  
- ▶ **1.3.1.4 Checkout/Commissioning Cryomodules** (J. Hogan/L. Harwood)  
22 days float. CMs #3, 6, 7, 8, 9, 10. 15 days float. Driven by Installation of CM#3 with a constrain to must start on 21 Dec 2012.
  - \*\*\*Will be updated with July progress. Plans are to install CM#3 mid August. All subsequent installations/commissioning to be updated.\*\*\*
  
- ▶ **1.23.1.2 Cryomodule Shuffle** (S. Suhring)  
2L21 recommission 0L04. 22 days float. 12GeV Checkout/commissioning of CM#10 NL 26 must finish first (9 Aug 2013). 0L04 can be then start but must be completed by end of the down.
  - \*\*\*Will be updated with July progress. Plans are to install CM#3 mid August. All subsequent installations/commissioning to be updated.\*\*\*

# Upcoming NTF/Change Requests

1. Transfer Line Alignment during warmup (W. Oren) – (From Wed 1330 6<sup>th</sup> June Mtg). Follow up analysis being done 23<sup>rd</sup> July mtg.
2. 12 GeV ACC RF Circulator Swaps (L. Harwood) – (From Wed 1330 6<sup>th</sup> June Mtg & pending funding)
3. 12GeV CR (?) for ODH requirements NLinac/Tagger – Discussions on-going
4. 12GeV Hall C Schedule Implementation (H. Fenker/G. Young) – Aug Review
5. 12GeV Hall B Schedule Implementation (Latifa/G. Young) – ? Review

# 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, Critical Path, & Resource Analysis File**
  - Change Request Folder
    - CR Page One template & example
    - CR Log



# 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 2<sup>nd</sup> 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 – OL04 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)