3 Month Look Ahead & & Long Shutdown Schedule Status

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COUNTDOWN TO LSD RE-BASELINE/UPDATE: 4 days (to mid Oct 012) ?????

- 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
 - CTF start of cooldown (Oct 15)
 - Cryomodule start of cooldown (Oct 22)
 - VTA start of cooldown (Oct 29)
 - CHL/Cooldown
 - N/S Linac cooldown (2K) start (early Jan)
 - Hall D Solenoid Cooldown (mid Dec)

I2GeV Accelerator – Beam Transport

- S/R & EArc 1&3 magnet refurb continues
- 0L/0R dipole and girder installation & alignment (by end of Oct)
- Tunnel Green door/movable wall (by early Nov)
- Stand delivery (ES,WR,WS) (by mid Nov)
- 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)

• 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)

Acc Ops

- Various maint work
- Transfer Line Alignment (by mid Oct)
- Conventional Facilities (FM&L)
 - Counting House Renovation mobilization (mid Oct)
 - CHL#I Cooling Tower Headers & Setting Tower (Aug to end of Nov)
 - Tunnel Penetration Repairs (HC Truck Ramp, Injector, sl area) (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) → delayed

ESH&Q

RadWaste Shipment complete (by end Oct)

Hall A

- Upstream beam girder 2B alignment (early Oct)
- S&A compton polarimeter dipole #2& #3 (mid Oct)
- Moeller beam line alignment (end of Oct) → on hold
- Cryogenic work continues

Hall B

- Cable removal continues (cables wet from flood & need to dry/retest)
- Panel 2 & 3 TOF removal (Sept/Oct) → delayed
- Remove South Clamshell (end of Oct)
- R3 DC removal (by early Nov)
- Start Torus removal (Dec)
- Space Frame (mid March)

Hall C

- QWeak (coils for QTOR magnet left) removed (early Oct)
- Complete Concrete Floor removal complete (by mid Oct)
- SOS lead panels removed (Sept)
- SOS dipole removed (end of Oct)
- SOS steel structure/doors (before X-mas)
- SOS entire chassis removed (Jan)
- SHMS rail section installation (end Nov to early Dec)

I2GeV 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 \rightarrow 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 September will be completed
 12 Oct 2012
 - Activities that did not start as planned & didn't have an updated start date provided → default to first working day of Oct 2012
 - All files will be posted to web

Upcoming NTF/Change Requests

- 1. FEL MSINST support needed (B. Legg) Work planned to start whenever resource groups can start (No earlier than Nov 2012). CCB meeting to be held early next week to review detailed plan and "what if".
- 2. CM Re-Commissioning & He Processing (M. Drury) draft plan being worked. Work planned to start after cooldown in Jan 2013.
- I2GeV Hall C Schedule Implementation (H. Fenker/G. Young) Oct Review 17 Oct 0900-10:30pm CCF224-225. Schedule to be sent today to reviewers in preparation for next week.
- 4. I2GeV 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