



LSD Review November 2012

Modified and New Scope “Laundry List”

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Existing Scope Changes – implemented in Nov

- LSD CR-07: 12GeV Hall C Installation Schedule & Beamline Work
 - Changes/Action Items from Review held in Oct 2012
 - Labor estimates, missing line items
- LSD CR-08: 12GeV CRs
- LSD CR-09: 12GeV Accelerator Beam Transport (re-sequencing)
- LSD CR-10: 12GeV Hall D Schedule Update
 - “Tom Carsten” schedule realignment with 12GeV Hall D schedule
- LSD CR-11: Hall A Schedule Update
 - Change in experiment – reduction in work, re-plan for activities behind schedule
- LSD CR-12: 6GeV Accelerator Maintenance
 - 2013 activities had placeholder for Feb 2013 – schedule update

New Scope – implemented in Nov

- LSD CR-13: CM Re-commissioning plan & RF maintenance/repair
 - Re-commission cryomodules for CEBAF with associated RF for each zone
 - Starting Jan 2013 through end of down (Sept 2013)
 - → see Merz/Drury presentation for full details
- LSD CR-14: 0L04 Project (RF)
 - R100 is installed in 0L04 and will be using 8K klystrons with the newer 12GeV style LLRF hardware and a modified HPA/CPS.
 - Procurement, installation/testing (May – July 2013); new klystrons replacement Oct 2013)
 - → See Merz presentation for R100/0L04 details
- LSD CR-15: Flood Recovery (Acc, Physics, FML)
 - List of flood recovery items in the accelerator, physics halls, and FML activities

New Scope – implemented in Nov

- LSD CR-16: Dogleg Upgrade Project
 - Design and procurement (for magnet mods, power supplies) FY13
 - Installation and testing/commissioning FY14 during UIM down
- LSD CR-17: 11GeV Separator Project
 - Design, procurement, installation (tunnel) FY13. Installation upstairs (through April 2014)
- LSD CR-19: 12GeV Hall B Installation Schedule (partial)
 - Review held 14 Nov 2012
 - Action Items being worked (missing scope/line items, S&A pre-installation support, labor estimates)
 - Will integrate activities planned from Nov through April 2013 (S&A supported activities, forward carriage mods, installation of subway addition to existing spaceframe, start pre-cabling of electronic crates on forward carriage)

New Scope – Under Review

- LSD CR-18: Bubble Chamber Injector Test
 - Installation in April 2013 in the 5MeV region of the injector, commissioning & test during Summer 2013 (3 weeks of data)
 - Requires lockup of Inj and NLinac