

# LSD Re-baseline Review Introduction

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# Outline

- Re-baseline **goals**
- Re-baseline **process**
- **2 stage Review**: overview today, formal review December 17
- Agenda November 16
  
- Interim Response to May Review recommendations
  
- **Critical issues** – now, 6+ months out
  
- **Next re-baseline** April 2013 (including RECO and commissioning plan)

# Re-Baseline Goals

## Goals:

- Revisit the **LSD overall plan**, re-plan major activities and logic
- Update **scope of work**: change/add/remove activities captured by LSD schedule
- Resource analysis
- Float analysis
- Modify scope and schedule according to overall Lab priorities

Initial plan for the shutdown: re-baseline every 5-6 months

Re-baseline-1: **November-December 2012**

Re-baseline-2: **April 2013** (to include RECO/Commissioning plan)

# Re-baseline Process

## Director Review November 16 (Part 1)

- Present status, critical issues, plan to achieve new baseline by Dec 17
- More informal (no explicit charge)

## November 16 – December 17

- Get feedback from Review Committee
- Implement changed/new scope in Primavera
- Resource and float analysis
- Modify schedule and scope according to lab-wide priorities
- *Do progress on new baseline schedule*

## Director Review December 17 (Part 2)

- Present **new baseline** to Review Committee
- Respond to previous **recommendations**
- Get **feedback**

**Formal** (**charges** – based on LSD May Review?)

# Agenda Review November 16 2012

1:30	Opening statements	H. Montgomery
1:30 -1:45	Introduction	F. Pilat
1:45 -2:00	Schedule status and progress	D. Napier
2:00 -2:15	TestLab ReCo: status and impacts	J. Preble
2:15 -2:30	Overall cryogenics work and plan	W. Oren
2:30 -2:45	Accelerator upgrade status	L. Harwood
2:45 -3:00	Cryomodules and RF integrated plan	B. Merz, M. Drury
3:00 -3:15	<i>Coffee Break</i>	
3:15 -3:30	Halls overview and plans	J. Gomez
3:30 -3:45	ESH&Q and Risk analysis	M. Logue, S. Smith
3:45 -4:00	Changed and new scope of work	D. Napier
4:00- 4:30	Discussion	

# Recommendations May Review – Interim Response

The Long Shutdown team should critically review the meeting structure and the Program/Shutdown Deputy role and transition pattern after the first two-three months and should introduce mid-course adjustments as needed.

## MEETINGS

- **Daily 0800: daily planning**  
*keep: short, mostly accelerator, part of JLAB culture*
- **Bi-weekly Wednesday: resources, “4-6 week look ahead”**  
*keep: forum for accelerator, Halls, FEL, Facilities, etc to meet.*
- **Weekly Thursday: “long term planning”**  
*Moved to bi-weekly, plus ad-hoc time slot for smaller meetings*
- **CCB: schedule change requests**  
*CCB Meeting as needed*
- **Daily toolbox: daily planning and safety**

## LSDD

So far: Freyberger, Lauze, Logue, Michaud, Napier, Oren, Pilat, Suhring, Spata

- Improvement/access of LSDD tools (SAD calendar, work map, ATLIS)
- Working, with support from Operability
- Still mostly accelerator centered

# Recommendations – Cnt'd

The (scope and schedule) contingency status including the full length of the shutdown should be clarified and understood within the project.

## Schedule contingency

- We monitor float (less than 23 days being the threshold), now tracked explicitly in the monthly progress summary
- Lengthening of the shutdown

## Scope contingency

- A scope contingency prioritized list will be prepared for the December Review, once all modified and new scope is reviewed and resources analyzed. Needs input on overall lab priorities.

# Recommendations – Cnt'd

The cryogenics part should be part of the Risk registry

Given the length of the shutdown, it would be beneficial to rework this registry with emphasis on the out months from month 6 onward. The methodologies used by the 12 GeV Project and the TEDF Project, to develop the registry, could be very useful.

- Discussed with 12 GeV Project , opted for a less formal process for LSD, and focused on risks not tracked already by 12 Gev
- The risk registry has been reworked to track 3 high level risks:
  1. budget risk
  2. CHL-1 warm-up, cool-down, cryo transfer lines, maintenance
  2. CHL-1 header replacement work (now retired)
- Started to identify risks for the out months (status in Smith's talk). Updated risk table will be presented in the December Review



# Recommendations – Cnt'd

Recommend continued extensive use of safety wardens, leadership presence in the work place and worker safety committee input.

- Existing processes have been discussed, found satisfactory and their use will be continued

# Critical Issues

(Reflected in the review agenda)

## NOW

- **TestLab ReCo** (CTF, CMTF, VTA) and TLA  
Further delays impact on SRF and 12 Gev (Preble)
- **Cryogenics** overall plan  
CTF, HDR, CHL-1, CHL-2, ESR  
dependencies (Oren)
- Consistency of **schedules** (Napier)

## 6+ MONTHS

- Gradient after thermo-cycle (Merz, Drury)
- Cryogenics, again (Oren)
- Halls scope of work and plans (Gomez)

# Next Baseline

The natural time for the **next baseline** is **~April 2013** to plan the last 6 months and to include a detailed plan for linac RECO and initial machine commissioning

We need guidance from Lab Leadership on the LSD:

- LSD coordination effort terminated by the end of shut-down
- Coordination effort to continue into the commissioning phase

As we need to either:

- Plan a smooth & seamless end, or
- Adapt the coordination structure to make it useful to the commissioning phase of the accelerators and the Halls.