

# LSD Update

3 May 2012

Dianne Napier (for F. Pilat)

**COUNTDOWN TO START OF DOWN:**

**15 days**

# LSD Deputy Rotation

- May 16 – May 30 R. Michaud/S. Suhring
  - May 30 – June 13 R. Michaud/S. Suhring
  - June 13 – June 27 D. Napier
  - June 27 – July 11 TBD
  - Jul 11 - Jul 25 M. Logue
  - Jul 25 – Aug 8 TBD
  - Aug 8 – Aug 22 TBD
  - Aug 22- Sep 5 R. Lauze
  - Sep 5 – Sep 19 A. Freyberger
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- W. Oren to fill in later
  - F. Pilat to fill in TBD

# All Hand's Meeting –

May 7<sup>th</sup> : 1:30 – 3:00 p.m. &

May 8<sup>th</sup> : 9:30 – 11:00 a.m.

- Agenda Includes:
  - Scope of work planned for the shutdown – **F. Pilat**
  - Work priorities, schedule, coordination and ~~procurement requests (?)~~ – **W. Oren/D. Napier**
  - A refresher on critical safety procedures.

# Baseline Review of the Long ShutDown Schedule and Plan

**May 16<sup>th</sup> - DRAFT CHARGE**

- A detailed resource loaded schedule has been developed for the first several months of the Long ShutDown to start on May 19, 2012. The LSD team will provide documentation and, on May 16, will make presentations intended to delineate the scope of work to be accomplished, the meshing of the tasks, in time and in resource space.
- Please review the baseline schedule and provide criticism with emphasis on key issues, points of failure, and choke points. Please develop your comments in individual note form for verbal transmission to the LSD Team afterwards, but on the day of the review, with more complete written comments to follow by COB on Friday, May 18. We will integrate the individual comments into a quasi-coherent form during the subsequent week.

# Baseline Review of the Long ShutDown Schedule and Plan

May 16<sup>th</sup> - DRAFT CHARGE (cont.)

- While any comments from the reviewers will be useful , it would be most helpful if reviewers could:
  - Concentrate on that part of the shutdown for which the schedule is fully developed .
  - Consider scope, schedule and resources.
  - Is the critical path understood and articulated?
  - Is the approach to management of the “project” appropriate?
  - Is there is a clear strategy for dealing with problems that might develop?
  - Identify schedule or scope contingency; is the schedule contingency adequate?
  - Identify places in the schedule where scope and resources are not well matched?
  - Is there work scope outside of the current schedule which could potentially represent constraints or impacts on the schedule; is this adequately addressed?
  - Have quality, Safety, Risk and other Concerns been adequately addressed?

# Long Shutdown Schedule Development Status

3 May 2012

Dianne Napier

Pat Collins/Heidi Derby

**COUNTDOWN TO START OF DOWN:**

**15 days**

- Resource Leveling & Overall Timeline to Baseline
- Upcoming Changes (after resource leveling)
- Change Control Process

# Resource Leveling & Overall Timeline to Baseline

- Resource Leveling Process **(Since April 26<sup>th</sup>)** –
  - Cleanup of WBS and start of 12GeV Correlation
  - Entered Responsibility (PMs) Codes
  - Entered Proj/Scope Codes (helps with activity descriptions that are not clear)
  - Solicited Proj Abbrevs from PMs – due this Friday May 4<sup>th</sup>
  - Review of resources with W. Oren with new resource dumps (from resource group leader changes last week)
  - D. Napier will send all the changes (no schedule adjustments made, just modified estimates) to the PMs from this resource leveling process
- **Baseline & Start of Change Control Process – May 10<sup>th</sup>**



# Upcoming Changes (After Resource Leveling)

1. Progress Update from 12GeV Project schedule progress collected (as of end of April 2012)
2. Cryogenics Work Group Schedule (W. Oren)
3. Tunnel De-humidifiers (R. Sperlazza/S. Suhring)
4. FEL Schedule Updates (Darklight, etc.)
5. 12GeV Hall B Schedule – 29 May Review (Latifa/Glenn)
6. 12GeV Hall C Schedule – 4 June Review (Howard/Glenn)
7. Still in discussion - Bubble Chamber Run (S. Suhring/M. Poelker): Cryogenics & PSS and operators needed – like a Peppo run (might try to do it during C100 commissioning or before startup in 2013). – next FY (December 2012 is the soonest). Evenings/weekends running.

# Progressing the LSD Schedule

1. PMI will send progress excel sheets to PMs (RESP – Responsibility) – just like the 6MSD
2. PMI will send the sheets the last week of the current month to progress that month's activities (End of May to collect May progress).
  - Non-12GeV activities - Due to PMI 2 business days after the end of the month
  - 12GeV activities will be collected through existing 12GeV progress process

# Change Control Process

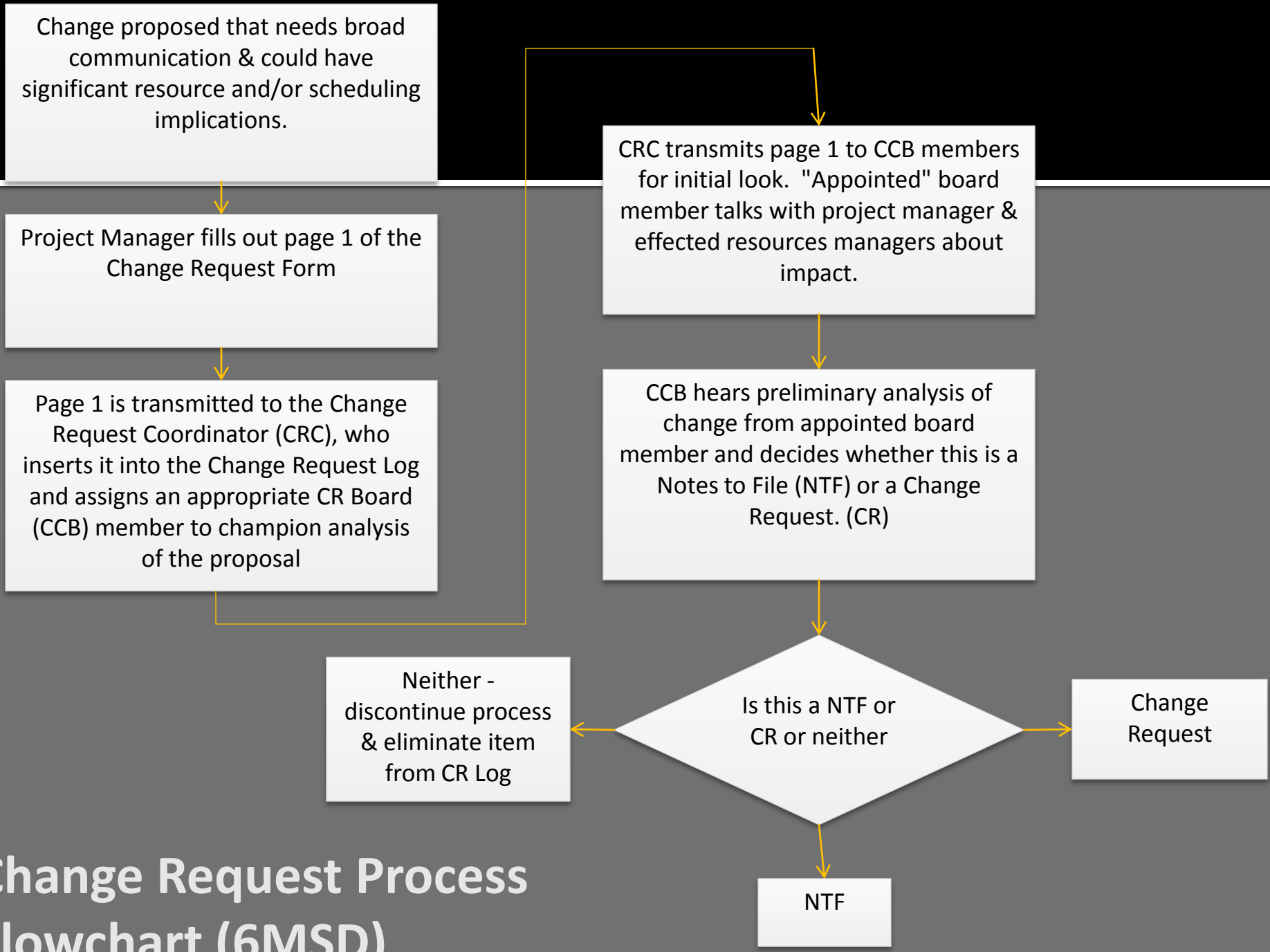
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# LSD Change Control Board

- F. Pilat
- D. Napier (Change Request Coordinator)
- W. Oren
- S. Suhring
- PMI (H. Derby, P. Collins)
- L. Harwood
- G. Young
- LSD Deputy (during their rotation period)
  
- CCB meets monthly (or as needed) to review log and approve CRs for implementation
- CRC (Change Request Coordinator) – D. Napier - collects all changes (from PMs, from meetings, etc) and manages through a shared change request log
- PMs submit page one (Change Requests)

# 6MSD Change Requests (CRs)

CR #	WBS #	CR Title	Date Submitted	Date Required	Originator
6MSD-01	4.14,4.15, 4.20	Reschedule UV wiggler installation in FEL	4/12/2011	7/7/2011	B. Legg
6MSD-02	4.12,4.13,1.1. 5.23,1.1.5.24	Install R-100 in CEBAF, Delay Installation of C-100's and delay SL24 RF Testing	4/24/2011	6/1/11	C. Doty
6MSD-03	1.1.5	In-tunnel microphonics measurements of R100 and C100	5/18/2011	5/19/2011	L. Harwood
6MSD-04	2.5	LCW Draining	5/5/2011	5/31/2011	R. Lauze
6MSD-05	3.3	Hall C Qweak Target Work Updates & Exit Beam Pipe Work	5/19/2011	5/31/2011	W. Kellner
6MSD-06	1.1.4 & 1.1.5	LLRF Logic Fixes	6/20/2011	6/21/2011	P Collins/A. Kimber
6MSD-07	1.1.5	R100, C100-1 AND C100-2 Installation Plan	7/11/2011	7/26/2011	F.Pilat/D.Napier
6MSD-08	1.2.3	NE Stub Demolition - Change Method	8/5/2011	8/12/2011	R. Yasky
6MSD-09	3.3.3.12	Hall C Current Cavity Monitors	7/26/2011	8/16/2011	J. Gomez



Change proposed that needs broad communication & could have significant resource and/or scheduling implications.

Project Manager fills out page 1 of the Change Request Form

Page 1 is transmitted to the Change Request Coordinator (CRC), who inserts it into the Change Request Log and assigns an appropriate CR Board (CCB) member to champion analysis of the proposal

CRC transmits page 1 to CCB members for initial look. "Appointed" board member talks with project manager & effected resources managers about impact.

CCB hears preliminary analysis of change from appointed board member and decides whether this is a Notes to File (NTF) or a Change Request. (CR)

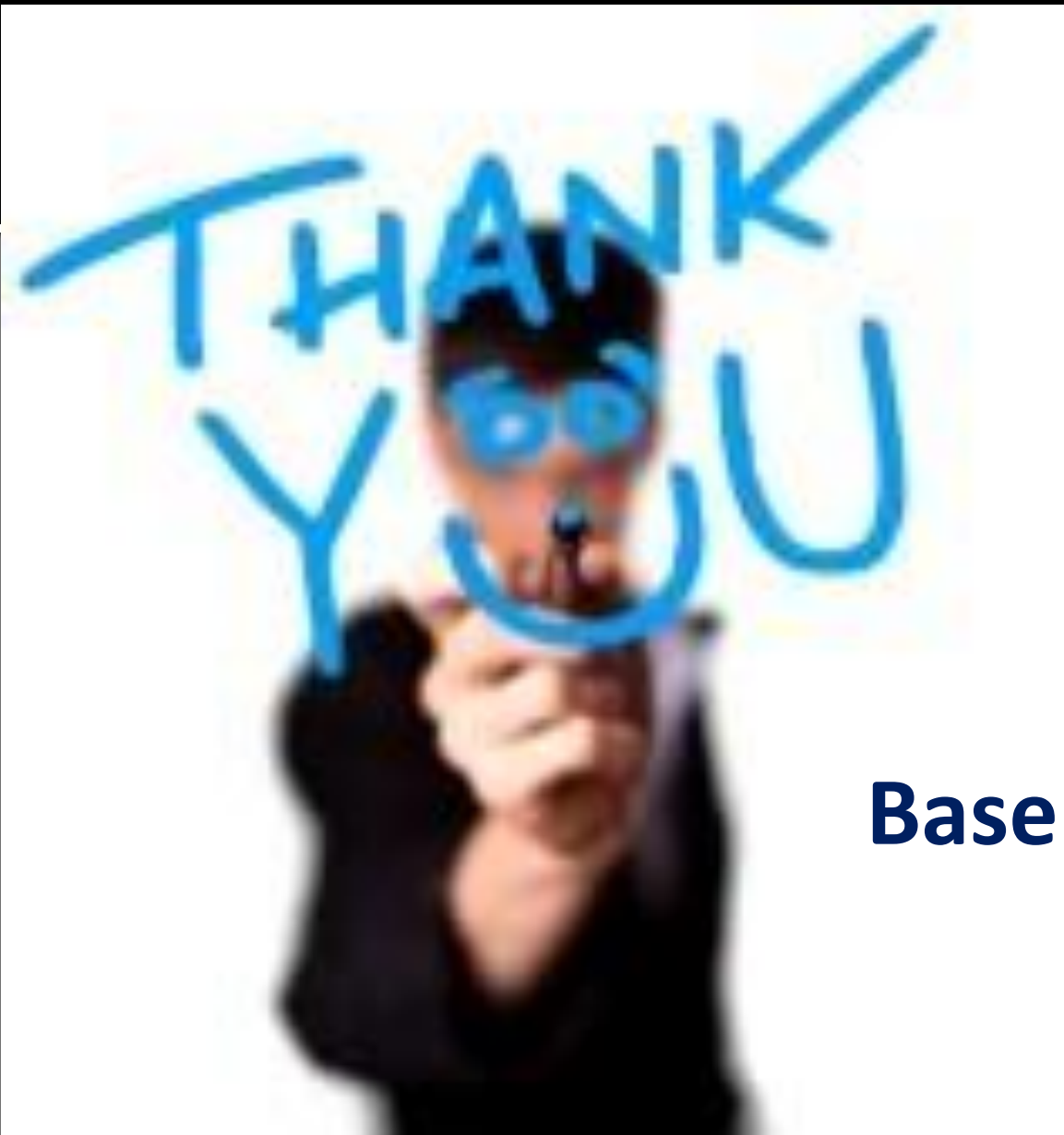
Neither - discontinue process & eliminate item from CR Log

Is this a NTF or CR or neither

Change Request

NTF

# Change Request Process Flowchart (6MSD)



**Baseline May 10<sup>th</sup>!**