



# CCB Report

GDE Meeting, Vancouver, July, 2006

Nobu Toge

KEK/GDE

Date

Event

Global Design Effort

1



# CCB Basics

- Members: C.Pagani, G.Blair, D.Schulte, T.Markiewicz, S.Mishra, W.Funk, K.Kubo, M.Kuriki, N.Toge
- Wiki main:  
[http://www.linearcollider.org/wiki/doku.php?id=bcd:bcd\\_home](http://www.linearcollider.org/wiki/doku.php?id=bcd:bcd_home)
- Change History:  
[http://www.linearcollider.org/wiki/doku.php?id=bcd:bcd\\_history](http://www.linearcollider.org/wiki/doku.php?id=bcd:bcd_history)
- Public Communications:  
<http://lcdev.kek.jp/ML/PubCCB/>



# BCD History

#	Submitted	Area	Requester	Class	Status	Date
13	2006/6/12	Linac	Adolphsen	1	Accepted	2006/7/13
12	2006/5/17	BDS	Seryi	1	Returned	2006/7/1
11	2006/4/21	Param/Layout	Paterson, Toge	1	Accepted	2006/5/8
10	2006/4/20	BDS	Seryi	0	Accepted	2006/4/23
9	2006/4/13	RTML	Tenenbaum	1	Accepted	2006/4/23
8	2006/3/22	White Paper	Toge		Fixed	2006/3/23
7	2006/3/20	RTML	Tenenbaum	1	Accepted	2006/3/28
6	2006/3/4	CF/S	Enomoto	0	Accepted	2006/3/16
5	2006/2/28	Params	Yokoya	1	Accepted	2006/3/3
4	2006/2/24	RTML	Tenenbaum	1	Accepted	2006/3/3
3	2006/2/7	DR	Wolski	1	Accepted	2006/2/27
2	2006/2/4	OPS	Hime1	0	Accepted	2006/2/11
1	2006/1/27	RTML	Tenenbaum	1	Not Accepted	2006/2/3
0	2005/12/20	CF/S	Huedem		Accepted	2005/12/23



## Comments on Recent Changes (1)

- “Positron insert”:
  - Handled by creating a “layout subsection” within the Parameter Section, where contents were inserted by the RDR Coordinator.
- “Gamma-Gamma provision in BDS”:
  - The request was returned to the submitters, noting the need for the analysis of system-wide impacts of this options to be made first. For full details see – ref for change req #12.
  - Note: CCB has to develop more fine-grained change procedures to manage “Alternative” or “Future Upgrade”-type configuration changes.
- “Main linac RF unit organization, i.e Q-BPM-steer vs cryomodule installation pattern”:
  - Accepted.



## Comments on Recent Changes (2)

- CCB is in the process of acting in more cost-conscious fashion.
  - **CCB is asking relevant Area / Global / Technical Sys Leaders for cost-related information more frequently, starting the change req #13 (Layout/Positron-insert)**
  - **DCB is offering remarks on cost impacts**
- These inputs constitute important materials for discussion within CCB, and are greatly appreciated.
- So far, no class-2 type (> \$100M) changes have been proposed.



# Handling of Cost Information

- For handling of cost information in the public report, CCB has been given the following guideline from the EC-CCB liaison :

The EC is still discussing cost publication policy, and I expect this process will not converge until the Vancouver workshop.

However, it is clear that during our current cost deliberations, every effort should be made to keep all costs as confidential as possible.

To that end -- and in the absence of a more formal policy statement from the EC -- I would ask you to remove all references to absolute costs in this (and any) CCB response, before it is made generally public (i.e. put on the web). You are free to quote relative numbers if they are absolutely necessary to the arguments for or against a CR.

- CCB will act accordingly, until hearing otherwise.



# RDR and BCD (1)

Following is a copy of a slide from B.Barish at FNAL RDR Meeting (Feb. 13-14, 2006)

<http://ilcagenda.cern.ch/conferenceDisplay.py?confId=14>

- The document defining the ILC configuration details at any given time is the BCD. It will evolve through change control actions.
- The RDR will have a different audience, goals and structure. The configuration descriptions in the RDR must be completely consistent with those in the BCD. (Some narrative from the BCD may be appropriate for the RDR, but this is not required).
- The RDR will emphasize the overall design and performance, project issues (costing , siting, etc.) and especially costing.



## BCD and RDR (2)

- For the original BCD manifesto, please, check <http://www.linearcollider.org/cms/?pid=1000104>
- CCB may have to develop special ways to handle a large flow of change requests that are needed for re-establishing the BCD-RDR consistency.
  - **CCB seeks consultation with RDR Management when appropriate.**
- Content guidelines for BCD might require a review and/or re-confirmation.
  - **The party to do this job has to be identified.**
- Work to establish the BCD-RDR consistency requires a GDE-wide coordination.
  - **The party to do this job has to be identified.**





# Comments for the Future

- BCD is “one” document within GDE.
- However,
  - **There are already a rather large amount of memos, PPTs, excel sheets, drawings and others in existence,**
  - **Distributed across a number of wiki and lab sites.**
  - **Their indexing, cross-referencing and cross-checking can become a daunting job soon.**
    - → It looks that we need to digest the EDMS committee recommendations and start acting soon.



# Summary

- Quick summary of recent change configuration history and status have been given.
- CCB is acting in a more cost-conscious manner now.
- As for the BCD-RDR consistency, it is AG/GG leaders who take the active roles in submitting the necessary change requests.
- Challenges seem to be emerging concerning the wider, more general document management issues for GDE, i.e.
  - **Document classes,**
  - **Responsibility + authority for coordinating, authoring, reviewing, approvals and disclosure.**
  - **Software engineering + technical aspects for supporting all these,**
- CCB will be working with you in its given capacity, responsibility and authority.