

From: Barry Barish
Sent: Sunday, March 18, 2006
To: ILCGDE@fnal.gov
Subject: Streamlining the RDR Management

Colleagues -

Following many discussions in Bangalore, it became clear that we need both clearer lines of authority to manage the RDR efforts and that we need to empower the RDR management to operate without undue time delays. To do this, I am "streamlining" the RDR organization by bringing together all those responsible for different management duties for the RDR into a single group that will meet regularly, providing good communication between these individuals, and enabling them to provide joint guidance or make joint decisions when needed.

This group will meet regularly and at least once per week. There is sufficient overlap in membership with the EC, so that it will be evident when items need to be discussed and decided by the EC .

The RDR Management Team will consist of --
EC Accelerator Leaders
Design/Cost Engineers
EC Regional Directors will participate at their discretion
Integration Scientist
Myself
Nick Walker will serve as Chair.

RDR Management Group CHARGE

The RDR management group is being formed to centralize the responsibilities for producing the RDR. It will be responsible for organizing and giving direction to the RDR efforts within the AS, TS and Global Groups. The DCB will remain responsible for its mission of setting costing guidelines, carrying out reviews, etc as established in its mission statement. The management group is empowered to manage the actual day to day work, give direction and resolve issues in the RDR design or cost efforts in a timely manner. This group is expected to dissolve upon completion of the RDR and its subsequent reviews and modifications.

1. Organize (weekly) RDR meetings, setting agendas and goals in advance
2. Act as a forum for general technical discussions on the machine design.

3. Understand performance overheads and cost-tradeoffs in the design of the machine.
4. Monitor the progress of the required information flow between AS and TS.
Identify (or take note) of bottlenecks to resolved.
5. Identify 'global' conflicts or design problems, resolve them if possible (straightforward) or escalate them to the EC
6. Begin to formulate a plan (possible design modifications) to reduce the costs for post-Vancouver.