



Controls telecon

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RDR

- RDR Report
 - Full RDR draft due for release on April 1st.
 - No changes to the Controls chapter that I know of.
 - We have to generate a few tech notes (see next page).
- Costing
 - Estimates of cost risk have been requested by DCB. Not clear how to create that.
 - Bakul is working the problem.



RDR related Tech Notes

- *Tech Notes requested (main author):*
 - **Control System Architecture Model (Claude)**
 - **Controls Networks and Data Archiving Model (Margaret)**
 - **Precision RF Phase Reference Distribution System (Frank)**
 - **Global Controls Cost Bases of Estimates (Bakul)**
 - **? LLRF paper (Brian)**
- Guidance:
 - Primary objective is to capture work done to date.
 - Should be stand-alone document, expanding on what's in the Controls chapter of the RDR.
 - Use Controls chapter of the RDR as the primary reference.
 - Format as if it's a conference paper - 8-page max.
 - To be published as "ILC Tech Notes"
- A "Strong draft" is needed by end of March.



EDR

- Still awaiting guidance on EDR content.
- An assessment of the tasks required prior to ILC construction.
- No change in the expected timeframe to complete EDR (end of FY09).



FY08/09 Planning for ART

- DOE Americas Region Team budget planning exercise, based on FY08 President's budget:
 - **\$60M for ILC.**
 - **\$23M for SRC (facilities).**
- Funding for Controls, Instrumentation, and LLRF is being planned as part of WBS x.2 "Global Systems" (Carwardine, Larsen): EDR; R&D, Facilities.
- Goal is to synergize ILC related R&D program with ILCTA program as much as possible.



ATCA workshop at RT2007

- One-day workshop on Sunday, April 29th.

The workshop is planned to explore the merits of the Advanced Telecommunications Computing Architecture (ATCA) for use by the real-time science community. Our goal is to provide information that will assist attendees in making design decisions about utilizing ATCA hardware and associated software to achieve high availability in large projects like the ILC.

The morning session consists of two tutorials on ATCA hardware and software offered by experts in the telecommunications field. The afternoon will include example projects from the NPSS community, a panel discussion of ATCA suitability and alternatives, and a questions and answer period with informal demos. If you are interested in providing a talk on your ATCA experience, please send email to rt2007-atca@fnal.gov.