

ILC Control Technical Status May 2006

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FY07 Budget as submitted

- FY07 Budget presentation, shown without error bars:
- ILCTA
 - 11.3 FTE, including 1.3 external (SLAC/ANL)
 - \$360K M&S
- Global
 - 4 FTE
 - \$180K
 - Details at

<https://docdb.fnal.gov/ILC-private/DocDB/ShowDocument?docid=264>

Global Controls 6 month workplan

(proposed by JC)

- By March
 - Architecture specification (timing and controls): **Coming along**
 - Top down
 - Requirements **: Some progress**
 - Bottom up approach
 - not much input from area points of contact
 - WBS **: In progress**
 - FNAL has solicited more help: Steve Wolbers, Erik Gottschalk **By July**
 - Costing
- Ongoing R&D
 - FNAL ATCA project discussions
 - Proposal for design of digitizing board for instrumentation
 - Manfred would like req by end of May
 - Class on High Availability Design taught June 5th.

ILCTA - EPICS

- Meson
 - Simcon 3.1 using EPICS interface
 - Coding complete. Being debugged
 - EPICS interfaces to other boards in progress. Just completed EPICS class
 - ANL has promised EPICS resources
 - One on one technical consultation
 - Review of EPICS naming convention
 - Discussion of packaging strategies
 - Need to pull in SLAC here too
- IB1
 - Dennis Shpakov new hire. Will work on standard epics distribution.
 - Has prototype data management system
 - Will be EPICS based control system (including Simcon 3.1)
- NML
 - MDB Cryo worked demo'd to NML
- Epics collaboration meeting Week of June 12th
 - Matthias Claussen from DESY will stop by FNAL the week following to talk with cryo people.

ILCTA - DOOCS

- A0
 - Most (70% ?) DOOCS component controls complete
 - Still needs centralized alarming and archiving
 - Direction is to complete effort in DOOCS. What are the implications for NML (see below!)
 - Research the possibility of an EPICS -> DOOCS interface
- NML
 - Need requirements for control system
 - Researching possibility of a DOOCS controlled photoinjector, but EPICS as the system of the facility (ie, an EPICS -> DOOCS interface).
- Want FNAL participation at SLAC's HOM BPM testing at TTF this summer
 - Gives Ron and Luciano operational exposure to DOOCS and close contact to DOOCS experts (Kay and Olaf also involved in this effort)
 - Ron can "export" his DOOCS configuration model back to DESY
 - ANL discussing possibility of sending EPICS expert to gain exposure to DOOCS and aid in EPICS -> DOOCS interface discussions

ILCTA – Global issues

- Electronic logbook evaluation team almost in place. Hope to have a recommendation for test areas by mid June
- Data management (format, location, etc) will be next task force. TD has prototype. Will demo to wider community later this month.

WEBEX

- Will write 4 month PO this week
- Licensing model will change
 - 5 “hosts” (ie, concurrent meetings)
 - 100 participants each
 - Need strategy for distributing host ids
 - Training
<http://university.webex.com/training/student/index.jsp>