

Draft SLAC Management Plan for the "Real Photon Collaboration"

Project Management Team:

Project Manager: Perry Anthony

Assistant: Ken Baird

Responsible for the Project including budgets, schedules, and resources. Interface between the Project and SLAC Management.

Project Physicist: Peter Bosted

Assistant: ? (Steve Rock)

Responsible for ensuring that the Physics Goals are met by the project design and implementation. Interface between the Project and the Science Advisory Board (SAB) and between the Project and Collaboration Management

Project Engineer: Bill Olson

Assistant: John Weisend

Responsible for overseeing all project engineering, developing costs and schedules, and determining resource needs.

Project Safety: Frank O'Neill

Assistant: Sandy Pierson

Responsible for ensuring Project conforms to SLAC guidelines for ES&H.

Project Installation: Ken Baird

Assistant: ? (Ray Arnold)

Responsible for Project Installation, developing schedules and resource needs, determining impact on other SLAC activities.

Accelerator Dept. Rep.: Roger Erickson

Assistant: ?

Responsible for coordinating Accelerator activities to support the Project.

The Project Management Team (PMT) will provide the top-level management for the project. The PMT will meet at regular intervals to coordinate activities and assess progress.

Project SubSystems:

Photon Beam Accelerator:

Manager: Roger Erickson

Assistant: ?

Photon Beam ESA:

Manager: Dieter Walz

Assistant: ? (Ray Arnold)

Compton Polarimeter:

Manager: Ross Hicks

Assistant: Robert Arvakian

Spectrometer:

Manager: ? Lew Keller

Assistant: ? Peter Bosted

Target (including magnet and support systems):

Manager: John Weisend

Assistant: Don Crabb

Facilities: Mechanical & Vacuum:
Manager: Art Candia
Assistant: Mike Racine

Facilities: Electrical & Electronics:
Manager: Gerard Oxoby
Assistant: ? Paul Stiles

Detectors:
Manager: Keith Griffioen
Assistant: Vahe Ghazikhian

DAQ/Electronics:
Manager: Steve Rock
Assistant: ? (Perry Anthony, interim)

Analysys:
Manager: ? (Owen Saxton)
Assistant: ? (Post Doc)

Simulations:
Manager: Peter Bosted
Assistant: Steve Rock

SubSystem Managers (SSM) will report to the PMT as required.

The Project Design Process will generally contain the following design steps:

- Define Requirements
- Review Requirements
- Detail Design
- Design Review
- Readiness Review

The SSM will be responsible for implementing the process for their subsystem.

Reviews may be internal or external as determined necessary by the PMT and SLAC Management.

Internal Reviews will be conducted by the PMT, with relevant the SSM, and outside observers: Jim Krebs, Harvey Lynch, Ken Kase, David Fryberger, and a DOE representative. Expected Internal Reviews include all reviews at the SubSystem level: Conceptual Design Review, Preliminary Design Review, Critical Design Review, and Readiness Review. NOTE: Steve St. Lorant will be asked to sit in on reviews of the target system.

External Reviews will be conducted by a SLAC appointed review team. Expected External Reviews include overall Experiment Reviews: Critical Design Review/Construction Approval, Commissioning Review/Readiness Review, and Operational Readiness Review.

The PMT will implement a Change Control Board. Design changes must be submitted to all SSM, the Science Advisory Board, and the PMT for comment/impact. The Change Control Board will make final determinations based on responses from the affected parties. Changes requiring additional SLAC resources and/or schedule changes will be submitted to SLAC management for approval.