Gamma-ray Large Area Space Telescope
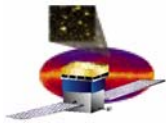
GLAST Large Area Telescope:

Overview

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Highlights

- **Mission**
  - **Passed the Confirmation Review**
    - **Need new name for LAT**
- **SAS**
  - **Launched Data Challenge 1**
- **Project Controls**
  - **Incorporated Rebaseline in PMCS**
  - **Processed the associated CCB actions**
- **Calorimeter**
  - **Calibration run at GSI**
- **Tracker**
  - **Vibration test at Alenia**
    - **Tower appears sound**
    - **Work on the attachment to the GRID**
- **Mechanical**
  - **Ready for GRID MRR**

Meeting Schedule

2003

December 15	Monthly Status Meeting (November preliminary schedule data)	Telecon

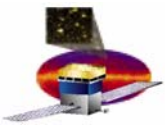**2004**

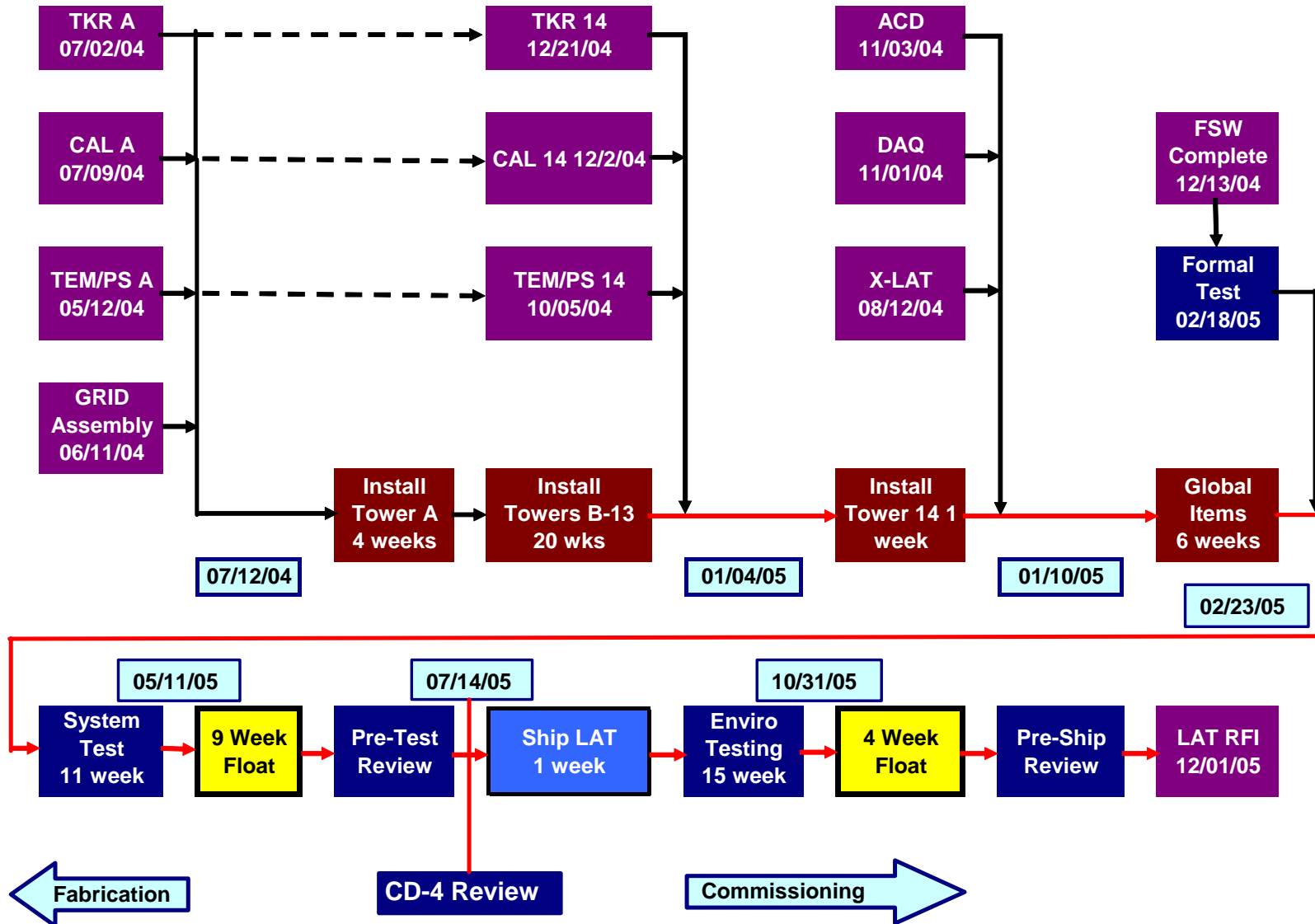|		
January 13-14	Tracker flight production meeting	At Pisa
January 20	LAT Face to Face	At SLAC
January 28	Monthly Status Meeting (Dec data)	Telecon
February 11, 12	LAT Face to Face	At SLAC
February 25	Monthly Status Meeting (Jan data)	Telecon
March 10	LAT Face to Face (Planning and first look for Lehman Review)	At SLAC
March 17, 18	Lehman Review Dry Run (Mission office invited)	Telecon
March 30, 31 & April 1	Lehman Review	At SLAC

Schedule 101

- **The project has rebaselined the schedule**
- **Performance is measured against that plan**
  - **Off-critical tasks need to held to the planned dates**
    - **To optimize the use of personnel and budget**
    - **To avoid pushing all work to the last minute**
      - **And therefore not be executable**
    - **Schedule float allows response to contingent events**
- **We need to respond quickly to anticipated slips in schedule**
  - **More resources?**
  - **Rearrange tasks**
  - **Work arounds**
    - **Alternate ways to achieve the same goals**

LAT Schedule

TKR A 07/02/04

CAL A 07/09/04

TEM/PS A 05/12/04

GRID Assembly 06/11/04

TKR 14 12/21/04

CAL 14 12/2/04

TEM/PS 14 10/05/04

ACD 11/03/04

DAQ 11/01/04

X-LAT 08/12/04

FSW Complete 12/13/04

Formal Test 02/18/05

Install Tower A 4 weeks

Install Towers B-13 20 wks

Install Tower 14 1 week

Global Items 6 weeks

07/12/04

01/04/05

01/10/05

02/23/05

05/11/05

07/14/05

10/31/05

System Test 11 week

9 Week Float

Pre-Test Review

Ship LAT 1 week

Enviro Testing 15 week

4 Week Float

Pre-Ship Review

LAT RFI 12/01/05

CD-4 Review

Fabrication

Commissioning

rev 1

5

Agenda

- 8 - 8:15am - Project Status Overview   Lowell Klaisner
- 8:15 – 8:30am - Schedule Status   Tanya Boysen
- 8:30 – 9:00am - SE Status & Action items   Pat Hascall
- 9:00 – 9:30am - Performance & Safety Assurance Darren Marsh
- 9:30 - 9:45am - **** Break
- 9:45 – 10:30am – Tracker   Robert Johnson
- 10:30 – 11:15am - Mechanical/thermal   Marc Campell
- 11:15 - noon - Calorimeter (Telecon)   Neil Johnson
- 12:00 – 1:00pm - Lunch
- 1:00 - 1:45pm - ACD (Telecon)   Dave Thompson
- 1:45 - 2:30pm – DAQ   Mike Huffer
                                                Terry Schalk
- 2:30 - 2:45pm - E/PO (Telecon)
- 2:45 – 3:00pm - **** Break
- 3:00 – 3:30pm – SAS   Richard Dubois
- 3:30 - 4:30pm - I & T   Elliott Bloom