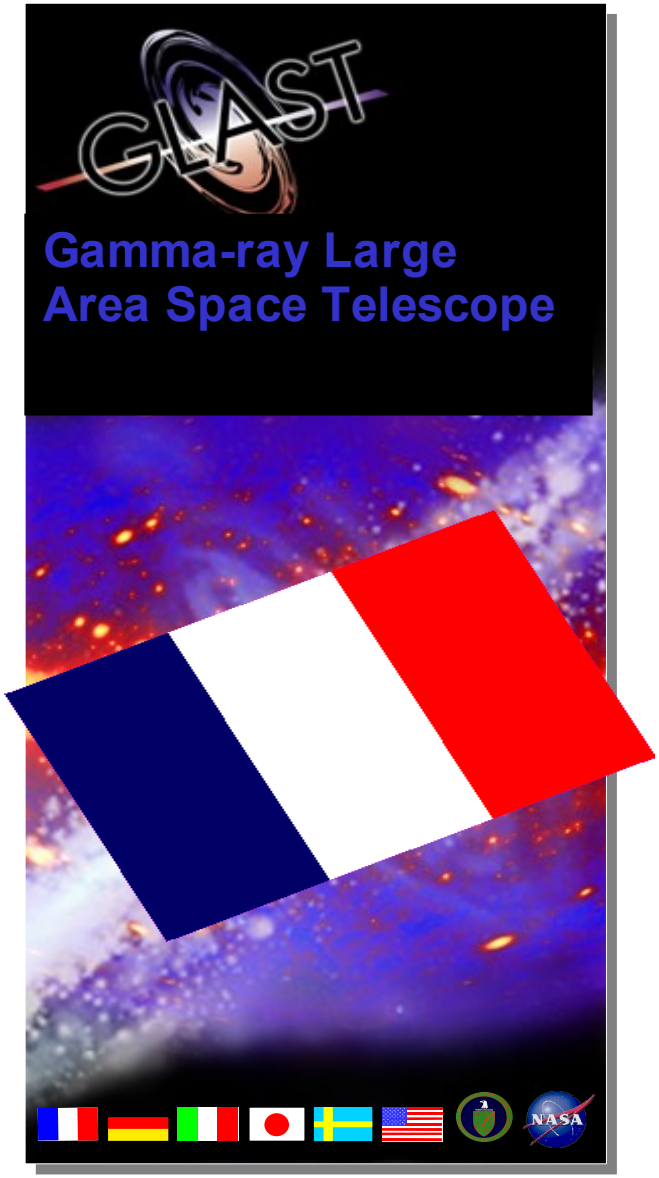
Announcements

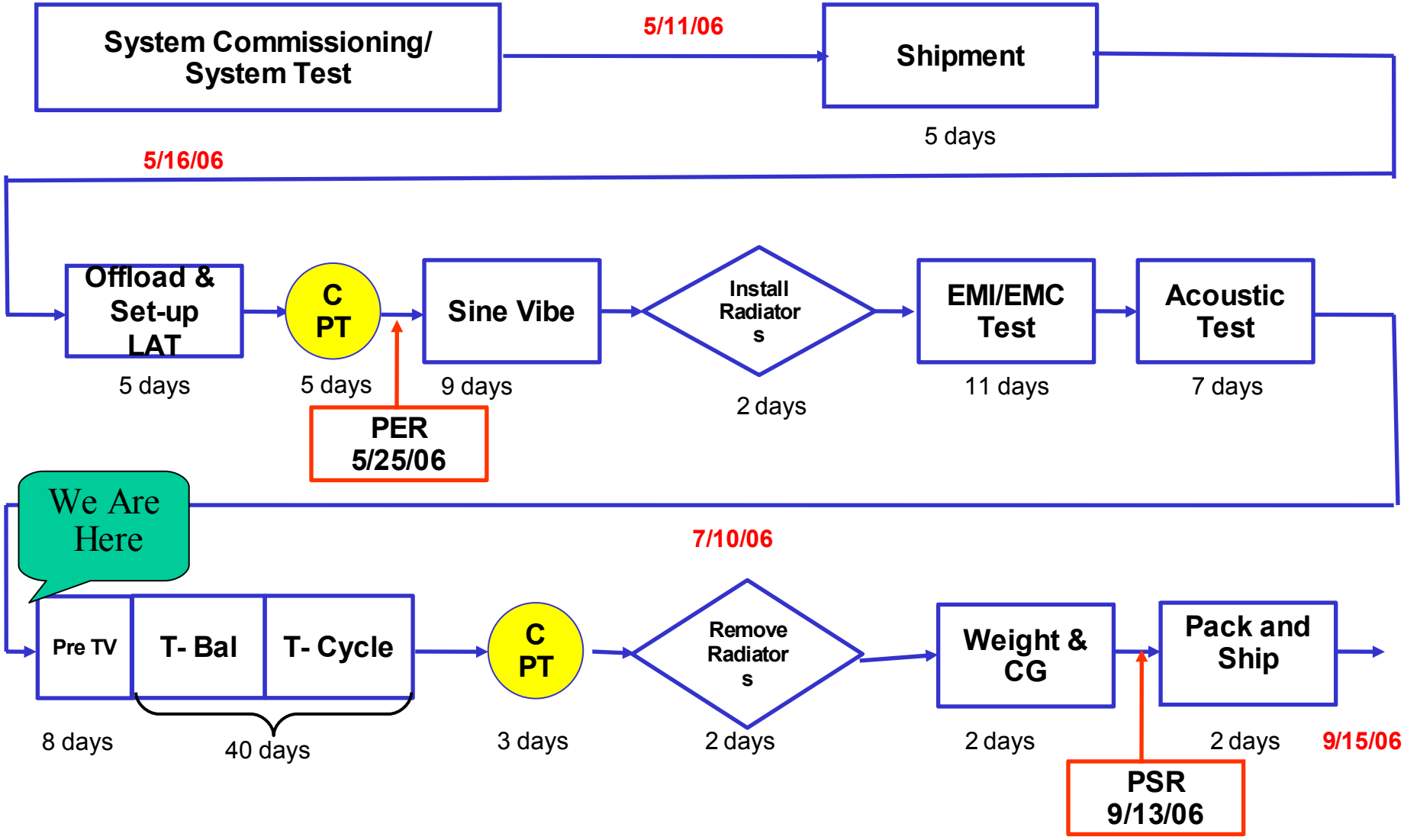


Anders W. Borgland

Science
Verification,
Analysis and
Calibrations
/
ISOC

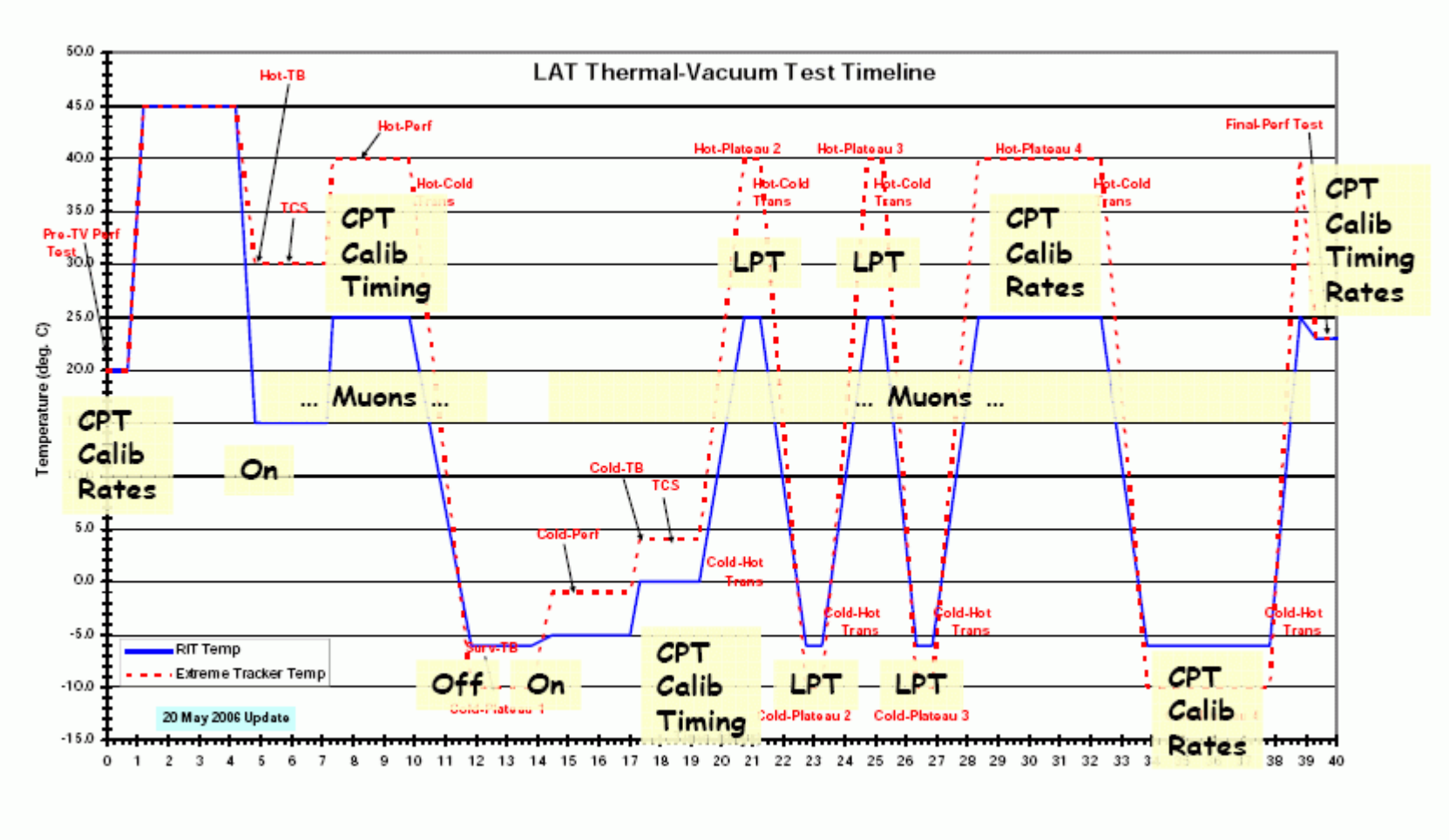
LAT@NRL: Close To TVAC

From ISOC All Hands Meeting



TVAC

- See Eric Grove's presentation from the Test Readiness Review:
  - Linked from today's agenda
- Will take lots of muons .....



Onboard Filter

- We finally managed to take data with the onboard filter:
  - Have to disable the periodic trigger
  - Will be fixed in later version of FSW
- 5 kHz trigger:
  - Overlay cosmic data with 5 kHz external trigger
  - Everything goes to the onboard filter:
    - Which promptly tosses out all but 35 Hz
- Trying to get a detailed description of the filter we currently use:
  - It is rejecting TKR&&ROI events
- Very close to on orbit operations!
  - High input rate
  - High readout rate
  - Hopefully what comes out is enriched in photons .....

Onboard Filter Runs

- Will soon update the runs list.
- In the meantime:
  - Gammafilter + 5 kHz external trigger + cosmics:
    - 077006674, 077006675
    - 077006770-077006806
  - Gammafilter + cosmics:
    - 077006673
    - 077006654, 077006668, 077006669
    - 077006488, 077006593, 077006652, 077006653, 077006666, 077006667
    - 077006769

Calibration file Bug

- Offline calibration file had 20 MeV for CAL LO threshold instead of 100 MeV!
  - No effect on data!
    - GemConditionsWord
  - Affected the MC:
    - Lots of extra CAL LO triggers from TriggerAlg.
    - GltWord
- Fixed!
  - Have remade the MC.
  - Busy merging the ntuples.
    - Will send out an email when it's done.

Summary

- NRL:
  - EMI and Acoustics done
  - Waiting for TVAC chamber problems to be fixed
- Onboard filter runs:
  - Both with and without 5 kHz external trigger
  - Close to on orbit operations