


**Gamma-ray Large
Area Space
Telescope**



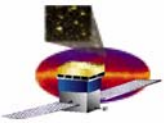
GLAST Large Area Telescope

Instrument Flight Software Quick Look Review 21 November 2003

Summary

**Presenting for the FSW group:
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Summary

- **Schedule at task/package level in LAT project PMCS system**
- **Monthly status meeting with GSFC/LAT project to track progress**
- **Software build/release code management system in place**
- **Testing at package and build level**
- **Reviews at appropriate milestones**
- **Many planned tasks accomplished since CDR, including most challenging event filtering package**
 - **Most importantly accomplished code providing ample margin in CPU power**
- **Full-scale FSW test-bed in construction**
 - **Flight equivalent electronics, except for instrument front-ends**
 - **Instrument front-ends simulated by FES**
- **C&DH and science software highly integrated**
- **Schedule challenging, but doable**
 - **Requires adding FTE's to testing group, in progress**
 - **Schedule assumes completion 10 months before LAT RFI delivery date to Spectrum Astro for start of spacecraft integration**
 - **As risk mitigation, work on selected science software, e.g. GRB processing, at tail end of schedule.**