FSW Monthly Jan 28’04

• Monthly status report

• Jan 28 2004

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  • ucsc
People update

- **Manpower issues**
  - M. Monirzad did not return after break
    - Hired Steve Mazzoni to fill vacant slot
    - Still looking for 2-nd SE
  - Have 2 newly hired test script writers
  - Have just hired ISIS SE/owner
  - Hired another tech writer
    - Has already produced first doc ... Jan demo description
  - Have 2 new post-doc physicists/software developers starting in April
  - Have 2 new collaborators with strong DAQ bkg from Ohio state starting in ~April
  - Have SLAC/BaBar Daq experienced SE joining in March
Jan activities

- Continued work on debugging GASU GEM CRU LCB and drivers
- Continued commissioning of SIB board
- Continued development on Cmd and Telem database tool
- Continued code management work (inc port to windows)
- FES code is now in CMX along with it’s VxWorks support pkg
- Retro-fitted filter code for the ground software group
- Primary boot finished and in unit test
  - Able to parse full set of boot telecmds and output housekeeping telem package
- Working on file upload
  - Works in both primary boot and regular running
- Auto generating web page with pointer to all FSW LATdocs
- Have requirement and related docs and identified missing docs
- Identified members of a FSW SCCB
- Working on EM2 internal peer review
• Current activity
  – TAS
    • Continued review of processes, issues, status
    • Still working on my understanding of schedule

  – Have first of monthly functional demos scheduled for Friday the 30-th (fully functional crate with RAD750 and SIB)
    • Need to set up the next monthly set of demos

  – Scheduling feb FSW group meeting (face to face)
    • Intro for new people
    • Needed coordination and review
Additional Tasks in next 3 Months

- Design Internal LAT Software Communication Protocols
  - Communication task-to-task and CPU-to-CPU
- Table driven cmd server
- Event server
- Framework (mode control)
  - What commands can be sent in various modes

- Development of all EM2 packages (these use EM1 packages)
- Design and implementation of Software watchdog
- Pick back up the housekeeping code

- Formal definitions for ISIS deliverable