Month: December, 2006

Information on software schedule is included at the end of this report.

Faculty and Staff Progress:

**Pogge:** - Took part in LBT Software Working Group discussion of the LINC-NIRVANA usecase document.

- Worked with Alex Lovell-Troy at LBTO to get the local IIF/TCS simulator running, preparatory to starting development on the MODS/LBT interface agent.

**Mason:** - Took part in LBT Software Working Group discussion of the LINC-NIRVANA usecase document.

- Worked with Alex Lovell-Troy at LBTO to get the local IIF/TCS simulator running

  - Began purchasing replacement PCs for the data acquisition computers for OSIRIS and ANDICAM

  - Began modifying 4K Camera, OSIRIS and ANDICAM software to adopt requests received from Rick and Bruce

  - Purchased and assembled replacement disk enclosures for data acquisition system at MDM for CCDS and TIFKAM

  - Shipped one of the MicroFUN telescopes to South Africa

  - The usual purchasing and computer maintenance tasks for the ISL

**Gonzalez:** Continuing the ongoing process of documentation and other duties involving testing and evaluating instruments.

Difficulty continues in ISL handling of task servers and clients. I continued examining a better solution.
Produce another set of PLC Beta instructions that will be used by most of the mechanisms.

The first solution for the ISL AGW server proved to be successful and started rewriting software to use optimal stage movements.

MODS 1 now has an operational system. The user area is islprog. Login and try it!

    ssh -X islprog@172.16.1.38
    passwd: Jerry, Rick, or Me

    prompt> xterm &

In the Xterm type ‘mms’ at the prompt. DONOT run mms in the background, MUST be run in the foreground.

**Planned Work For Next Month 2006:**

**R. Pogge:** Will hopefully start work on the LBT-TCS interface work, now that we might actually have a working simulator in the lab.

**J. Mason:** - Finish purchasing, receiving, assembly and testing of replacement PCs for OSIRIS and ANDICAM

    - Finish and test software changes for 4K Camera, OSIRIS, and ANDICAM

    - Ship disk enclosures to MDM

    - Neverending purchasing and computer maintenance tasks

**Gonzalez:** Continue making ISL an efficient task master for handling task servers and clients.

ISL software tests and implementations.

Will start work on threading ISIS…..

**MODS 2:**
This did not get done this month. I will work on scripts to make the installation of MODS 2 easier.

**MODS Software Project Schedule, Progress Reports, among many other documents can be found at :**

http://www.astronomy.ohio-state.edu/~rgonzale/modsMechSoft.html