

CERES SCF STATUS

| <i>Description</i> | <i>March 13, 2002 Status</i> | <i>Problems</i> |
|-----------------------------|---|-----------------|
| 1250 Network Upgrade | <p>We are still waiting on the GigE cards required prior to transitioning over the three remaining systems to the new network. We have just been notified that the cards have arrived at NASA Shipping and Receiving. Receipt of the cards in Building 1250 is expected by weeks end.</p> <p>Prior info: A special Network Upgrade meeting was held on 10/31/01. Network Support has been using old drawings depicting what was to be accomplished in phase 1. This included areas that have since been excluded from phase 1 of the building rehab (such as the rooms from Jim Kibler's office down to Chris Currey's office). The problem with upgrading these rooms to Cat5 now is they contain asbestos ceiling tiles. Network Support is going to get an estimate for the removal of those tiles. We will then re-address the issue of having those areas upgraded to Cat5. Network Support also has indicated that there will be some network outages required to complete the work that is now in progress.</p> <p>The network upgrade started in the trailers last Monday (Oct 1). The original start date slipped a little due to the increased security procedures on the center. The upgrade will include all of the trailers and the back-half of the 1st and 2nd floor offices in Building 1250 along with the server room. Fast Ethernet will be installed to the desktops (100Mbps) and Gigabit Ethernet (1000Mbps) to the servers in the server room.</p> <p>This upgrade will not include any of the buildings included in the first phase of the rehab. The rehab will incorporate the second phase of the CAT 5 upgrade.</p> | |
| SUN Upgrades | <p>We have experienced problems upgrading our first server to Solaris 8. After three attempts, the upgrade was successful; however, print services are not functioning. We are currently working on that problem. Upgrading of the client systems on and offsite continues.</p> <p>As indicated on the last report, testing of the new optical disk drives to attach to the upgraded Solaris 8 systems has been completed. There is only one outstanding problem. The Solaris 8 system configures the drive as a removable media device instead of as a disk device. Sun has been contacted on this issue. If the problem can not be resolved, the plan is to keep one system at Solaris 2.6 for formatting the platters.</p> | |
| Security | The Systems Administrators both on and offsite continue to monitor all connections. Any attempted connections are immediately reported to Network Security. | |
| SAMII Data Transfer | As indicated before, copying of the images from the fourth platter is in work. | |

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|--------------------|--|-----------------|
| Toolkit | <p>No updates are available for this two week time period.</p> <p>Prior info: At this time the brand “sgi” is being investigated to see if it is supported with the latest version of the toolkit.</p> <p>The latest version 5.2.7.4v1 of the toolkit “BRAND sgi64” has been compiled on lightning. This toolkit has not been tested yet. Once the brand sgi64 has been tested and found operational, we will compile brands sgi and sgi32. This toolkit is entirely different from the previous toolkit. It now includes HDF version 4.1r3 and 5-1.4.1 as well as HDFeos versions 2.7.2v1 and 5.1. We expect this toolkit to be tested the first of the year and the additional brands compiled at that time.</p> | |

CERES SCF/DAAC Server Information

| Server Name: | Asdsun | Blizzard | Thunder | Lightning | Darrin | Samantha | Warlock |
|----------------------------------|---------------|-----------------|----------------|------------------|----------------|-----------------|----------------|
| <i>Operating System:</i> | Solaris 2.6 | IRIX64 6.5.11m | IRIX64 6.5.11m | IRIX64 6.5.11m | IRIX64 6.5.11m | IRIX64 6.5.11m | IRIX64 6.5.12f |
| <i>Fortran compilers</i> | SUNWspro 4.0 | 7.3.1.2m | 7.3.1.2m | 7.3.1.2m | 7.3.1.1m | 7.3.1.1m | 7.3.1.2m |
| <i>Toolkit</i> | TK5.2.7v1 | TK5.2.7v1 | TK5.2.7v1 | TK5.2.7v1 | TK5.2.7v1 | TK5.2.7v1 | TK5.2.7v1 |
| <i>Ada</i> | N/A | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| <i>IDL</i> | 5.1.1 | 5.4 | 5.1.1 | 5.1.1 | 5.2 | 5.2 | |
| <i>NAG fortran 95</i> | 1.0(428) | 1.0(428) | 1.0(428) | 1.0(428) | 1.0(428) | 1.0(428) | 1.0(428) |
| <i>HDF</i> | 4.1.r3 | 4.1.r3 | 4.1r3 | 4.1r3 | 4.1.r3 | 4.1r3 | 4.1r3 |
| <i>Proposed upgrades:</i> | None | None | None | None | None | None | None |
| <i>Problems:</i> | None | None | None | None | None | None | None |