

CERES SCF STATUS

<i>Description</i>	<i>January 30, 2002 Status</i>	<i>Problems</i>
1250 Network Upgrade	<p>All systems, except for the ones that require GigE cards, have been transitioned over to the new network. A pr has been submitted to NASA for purchase of the required cards. Estimated time of receipt is unknown at this time.</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>The onsite SAs are in the process of building a boot server for the new 128.155.x.x network. The boot server for the 146.165.21.x subnet will not work since systems cannot be jumped across subnets. An additional two systems were upgraded to Solaris 8 at the offsite location.</p> <p>Prior info: One of the new optical disk drives has been installed and tested on a Solaris 8 system onsite by the System Administrators. Complete testing by an end user should occur this month. After complete testing, other SUN systems will be upgraded to Solaris 8 and the new optical disk drives installed both on and offsite.</p>	

<i>Description</i>	<i>January 30, 2002 Status</i>	<i>Problems</i>
SGI Upgrades	<p>No additional systems were upgraded during the past two week time period.</p> <p>Prior Info: The latest version of FLEXTOR storage management software was procured and installed on the system sunset. This software controls an optical jukebox attached to the system that is used for data archival. Previous versions proved incompatible with IRIX versions later than 6.5.3. The successful installation of this software allowed for the completion of sunset's upgrade from IRIX 6.5.3 to 6.5.11. The remaining systems (slocal servers) can now be upgraded to IRIX 6.5.11m to complete the SGI upgrades.</p> <p>As previously reported the upgrades are approximately 90% complete offsite and 100% complete onsite as of this report. The OS is being upgraded to IRIX 6.5.11m and the compiler are being upgraded to version 7.3.1.2m.</p>	
Security	<p>The SA group continues to monitor all connections. Any attempted connections are immediately reported to Network Security.</p> <p>All SCF webservers now have access through the LaRC firewall.</p>	
SAMII Data Transfer	The third optical platter containing SamII data has been copied to CDROM. Copying of the images from the fourth platter has been initiated.	
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