

## CERES SCF STATUS

<i>Description</i>	<i>April 24, 2002 Status</i>	<i>Problems</i>
<b>1250 Network Upgrade</b>	<p>The plan is to transfer <i>yin</i> and possibly <i>asdsun</i> to the new network this weekend. The transfer of <i>asdsun</i> is contingent upon being able to schedule a downtime to install the GigE card and to get the Name Server (NS) database updated since this will require an IP change.</p> <p>As soon as the scheduled moves for Phase I of the rehab have been completed, we will need to generate new maps for nfs mounting of software to the systems dependent on which network each system will reside.</p> <p>The connectivity problems (dropouts) between the new and existing networks reported two weeks ago do not seem to be occurring anywhere near as often. Network Support has not provided an explanation; however, it would appear that they cleared up some problems.</p> <p>Prior info: 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>	
<b>SUN Upgrades</b>	<p>A work around for the Solaris 2.8 print server problem has been found; however, it is not a Sun documented procedure and is awkward to follow. We will spend additional time this week in an attempt to find a more straight forward fix or simplify this one. All Sun documented procedures for printing add only the ability to print from one system to its configured printers. All remote print jobs disappear and never print.</p> <p>Prior info: New Sun Forte certificates for licenses were received this week from the maintenance vendor, Government Micro Resources. The Forte licenses are the Solaris 8 Workshop, C and C++ compiler licenses required to complete the upgrade of our Sun workstations. The certificates will be completed and licenses obtained from Sun in the next few weeks.</p> <p>It has been decided that the SCF will maintain one system at both the on and offsite facilities at Solaris 2.6 for formatting optical disk drives. This will be necessary since Sun nor the optical disk vendor (Sony) can provide software for formatting opticals under the Solaris 8 operating system. The end users will be able to read and write data from an optical attached to a Solaris 8 workstation; however, the Systems Administrators will handle initial formatting of the drives.</p>	
<b>Security</b>	No new update for this reporting period; however, the Systems Administrators both on and offsite continue to monitor all connections. Any attempted connections are immediately reported to Network Security.	

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<b>SAMII Data Transfer</b>	<p>While transitioning the data (fourth platter) from 8mm tapes to disk, it was discovered that 11 images had been transferred as one file. These images have since been recopied and we are in the process of transferring these images to disk again.</p> <p>Copying of the ERBE data from optical disk to CDRoms should be completed by weeks end.</p>	
<b>Toolkit</b>	<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>	
<b>Bldg. 1250 Personnel Relocation</b>	The relocation of personnel in preparation of Phase I of the building rehab has been initiated this week.	
<b>IST Systems</b>	The four IST systems blackhole2, cer12la02, eosops2 and cersnla01 have been turned off to reduce the profile on the private network.	

### CERES SCF/DAAC Server Information

<b>Server Name:</b>	<b>Asdsun</b>	<b>Blizzard</b>	<b>Thunder</b>	<b>Lightning</b>	<b>Darrin</b>	<b>Samantha</b>	<b>Warlock</b>
<i><b>Operating System:</b></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 6.5.14f
<i><b>Fortran compilers</b></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><b>Toolkit</b></i>	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1
<i><b>Ada</b></i>	N/A	1.3	1.3	1.3	1.3	1.3	1.3
<i><b>IDL</b></i>	5.1.1	5.4	5.1.1	5.1.1	5.2	5.2	
<i><b>NAG fortran 95</b></i>	1.0(428)	1.0(428)	1.0(428)	1.0(428)	1.0(428)	1.0(428)	1.0(428)
<i><b>HDF</b></i>	4.1.r3	4.1.r3	4.1r3	4.1r3	4.1.r3	4.1r3	4.1r3
<i><b>Proposed upgrades:</b></i>	None	None	None	None	None	None	None
<i><b>Problems:</b></i>	None	None	None	None	None	None	None