

## CERES SCF STATUS

<i>Description</i>	<i>May 22, 2002 Status</i>	<i>Problems</i>
<b>1250 Network Upgrade</b>	<p>We still continue to have intermittent dropouts of the network in Building 1250. <i>Yin</i> has been moved to the new network on a Gig-E port. We expect four more of the CERES systems to be moved to the new network this week. Since the dropouts appear to be connectivity loss between the old and new network, we are hoping that after the additional systems are moved we will see a reduction in the number of dropouts.</p> <p>As reported two weeks ago, <i>Asdsun</i> has not been moved to the new network since it requires an IP change. <i>Asdsun</i> is the host for the T&amp;A software and the license is tied to the IP. We are currently in the process of getting all the information and supplying it to the appropriate people so that we can have a new license so the transition can occur.</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>No updates at this time. <i>Asdsun</i> is on hold until we get the new IP, move it to the new network and ensure that T&amp;A is working.</p> <p>Prior info: 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>SGI Upgrades</b>	<p>The SCF is about to start the SGI upgrade to IRIX 6.5.15m to standardize with the OS being loaded at the ASDC. The current plan is to upgrade the Calipso workstations first. Then <i>Blizzard</i> is scheduled for the first week of June and <i>thunder</i> and <i>lightning</i> will be upgraded the first week of July. The remaining SGI client systems will be upgraded between August 2002 and January 2003.</p>	
<b>Security</b>	<p>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.</p>	
<b>SAMII Data Transfer</b>	<p>The initial copy of the SAMII data is complete. We are currently awaiting a consolidated listing of images that the group would like recopied. The requested ERBE data was copied, and a CDROM generated. Kathy Bush was notified that it is ready.</p>	

<i>Description</i>	<i>May 22, 2002 Status</i>	<i>Problems</i>
<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 remaining relocations in Building 1250 are scheduled to be completed this week.	
<b>AC Replacement</b>	The replacement of the AC unit for Room 124E has been rescheduled for the weekend of June 8 and 9. All systems in the server room (which includes <i>thunder</i> , <i>lightning</i> and <i>asdsun</i> ) have been scheduled for shutdown during this time period.	

### 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>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 6.5.15m
<i>Fortran compilers</i>	SUNWspro 4.0	7.3.1.2m	7.3.1.2m	7.3.1.2m	7.3.1.2m	7.3.1.2m	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