

## CERES SCF STATUS

<i>Description</i>	<i>September 11, 2002 Status</i>	<i>Problems</i>
<b>1250 Network Upgrade</b>	<p>A meeting is scheduled with Network Support for Tuesday the 10th of September that we are hoping will finalize what is to be done to correct the networking problem that still exists in Building 1250.</p> <p>Prior info: The routing between the off-site facility and Building 1250 has been modified to facilitate improved connections. The SA team is currently monitoring this routing change.</p> <p>We are still working with Network Support to find a solution to the loss of connectivity between the old and the new networks in Building 1250. Recently there appears to be a decrease in the number of occurrences.</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>	
<b>SUN Upgrades</b>	<p>As indicated in the last report, <i>asdsun</i> was moved to the Gig-E network and upgraded to Solaris 2.8. A problem was encountered with Solaris 2.8 being able to reconfigure the metadata filesystem that is on <i>asdsun</i>. To ensure full operation, <i>asdsun</i> was brought back up in Solaris 2.6 until the metadata issue can be resolved. The users' systems are being upgraded as their schedules allow.</p> <p>Webtads will be initiated for RAB in the near future.</p>	
<b>SGI Upgrades</b>	<p>The following SGI client systems have been upgraded to IRIX 6.5.16m during this reporting period: <i>jetstream</i>, <i>saigsi07</i>, <i>vegal</i>, <i>sunset</i>, <i>greem</i> and <i>tau</i>.</p> <p>The Calipso group has tested the compilers and have decided they are ready to proceed with the upgrade of the OS and compilers on the remaining SGI systems in the Calipso group. The following systems in the Calipso group have been upgraded: <i>howler</i>, <i>siesta</i>, <i>eeyore</i> and <i>benno</i>.</p> <p>Prior Info: There is no update since the compile of the default toolkit on the new samantha2 SGI system on August 12 at the ASDC. A request has been sent for a "cereslibcm" account to facilitate the installation of CERESLIB. At this time the account has not been created.</p>	

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Security	<p>As previously indicated, the IP filtering has been activated on a single user's SGI system for testing prior to installing on all SGI systems. At this time no additional changes have been required for the rule set.</p> <p>The SA Group is continuing to monitor for undesired connections to the SCF systems. Any attempted connections are immediately reported to Network Security.</p>																																					
SAM II Data Transfer	The requested recopy of 102 of the original images copied will be completed this week.																																					
Toolkit	<p>The latest version of the toolkit, version 5.2.8.2v2, was downloaded from EOS and compiled on <i>thunder</i> and <i>lightning</i>. This new version of the toolkit is to replace the existing new version 5.2.8v1. This new toolkit was compiled with static libraries to conform to the existing toolkit configuration the CERES team is accustom.</p> <table><tr><td colspan="2">Prior info:</td></tr><tr><td>Software</td><td>Version</td></tr><tr><td>-----</td><td>-----</td></tr><tr><td>HDF-EOS</td><td>2.8v1.00</td></tr><tr><td>HDF-EOS</td><td>5.1.3</td></tr><tr><td>HDF</td><td>4.1r5</td></tr><tr><td>HDF</td><td>5-1.4.3</td></tr><tr><td>SDPTK</td><td>5.2.8.2v2.00</td></tr></table> <table><tr><td>BRAND</td><td>COMPILER</td><td>ABI</td><td>ISA</td></tr><tr><td>-----</td><td>-----</td><td>----</td><td>-----</td></tr><tr><td>sgi</td><td>f95 (NAG)</td><td>64</td><td>mips4</td></tr><tr><td>sgi32</td><td>f90 (SGI)</td><td>n32</td><td>mips3</td></tr><tr><td>sgi64</td><td>f90 (SGI)</td><td>64</td><td>mips4</td></tr></table>	Prior info:		Software	Version	-----	-----	HDF-EOS	2.8v1.00	HDF-EOS	5.1.3	HDF	4.1r5	HDF	5-1.4.3	SDPTK	5.2.8.2v2.00	BRAND	COMPILER	ABI	ISA	-----	-----	----	-----	sgi	f95 (NAG)	64	mips4	sgi32	f90 (SGI)	n32	mips3	sgi64	f90 (SGI)	64	mips4	
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DMSS Transfer	Still moving data to the tape_archive. There were a couple of problems with the archive, but they have been resolved. The network problems still appear to be the largest cause of delays in archiving the data from <i>lightning</i> .																																					

### 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>System Type</i>	Enterprise 5000	Power Challenge	Origin 3800	Origin 3800	Origin 2000	Origin 2000	Origin 3800
<i>Operating System</i>	Solaris 2.6	IRIX64 6.5.11m	IRIX64 6.5.11m	IRIX64 6.5.11m	IRIX64 6.5.15m	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	4.1.r3	4.1.r3	4.1.r3	4.1.r3	4.1.r3
<i>Proposed upgrades</i>	None	OS & Compilers	None	None	None	None	None
<i>Problems</i>	None	None	None	None	None	None	None