

CERES SCF STATUS

<i>Description</i>	<i>October 23, 2002 Status</i>	<i>Problems</i>
1250 Network Upgrade	<p>Most of the remaining CERES systems that were on the 146 network were moved to a new switch that was connected to the Gig-E backbone.</p> <p>Prior Info: 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>	
SUN Upgrades	<p>Two of the 15 Sun Blades offsite were standardized and installed as replacements for users' workstations since the last report. The other 13 systems were standardized.</p> <p>The upgrade of the onsite Sun systems continues. It is estimated that onsite is approximately 87% complete.</p>	
SGI Upgrades	<p>The upgrade of offsite SGI systems is now complete. During this reporting period the following SGI's were upgraded to IRIX 6.5.16m: space, georgia and blizzard.</p> <p>Upgrade of the onsite SGI's will commence next week.</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>	
Security	<p>No new updates. The SA Department is still investigating a method for user "Account Verification" to include password aging. A GUI program is currently being developed for evaluation.</p> <p>Prior Info: 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>	

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SAM II Data Transfer	Currently copying 16 images that were initially copied from the 12 inch platters, but did not make the transition to CD. Also recopying 6 of the requested recopy images that were found to be unreadable.																																			
Toolkit	<p>No additional input for this reporting period.</p> <p>Prior info: The latest version, 5.2.8.2v2, has been recompiled on <i>thunder</i> and <i>lightning</i> to apply an HDFEOS patch. This compile also included a .h file modification provided by Joe Stassi.</p> <table><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>	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	Several problems were encountered with the tape archive that had to be resolved prior to continuing with this effort. Two minor problems were fixed, but the third required the replacement of one of the DLT tape drives. These problems have been resolved and the transfer of the data to archive has resumed.																																			

CERES SCF/DAAC Server Information

Server Name:	Asdsun	Blizzard	Thunder	Lightning	Darrin	Samantha	Warlock
<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