

**CERES SCF Working Group STATUS Table for Oct. 30, 1996**

DESCRIPTION	Status	Problems
<b>Optical jukebox</b>	IT IS AVAILABLE, spread the word. We have 114GB at our disposal. Drives are in to double the capacity of this device.	
<b>DMSS</b>	ceres is currently using 856GB on masstor. Ceres is ranked number 1, in the latest top 1000 users report.	
<b>Thunder status</b>	<p>The new and improved R10000s are due in the next 2 weeks. We are currently running on 12 (R10000 from the NEC foundry -- the same foundry that produced the bad R10000s) processors and 3.3GB of memory (thunder has been fairly stable -- knock on wood).</p> <p>We are planning a filesystem reconfiguration. This will allow the system administrators to install new applications without creating tape archives of filesystems and moving those tape archives to filesystems with available space. The filesystem layout has not changed since adding all of the new drives.</p>	
<b>Sun and SGI HW upgrades</b>	New equipment transferred to SAIC. We will begin to integrate the systems into the facility as soon as we complete the old SUN server OS upgrades and complete all security issues.	
<b>High speed Connection to the DAAC &amp; Bldg. 1250 Network</b>	All hubs and concentrators have finally been delivered to the networking group.	Still waiting on LarcNet support to install 1 etherswitching hub and 1 concentrator.
<b>Tape Library</b>	We have entirely too many 9 track tapes in our library	The tapes have a shelf life of 7 years, we currently have tapes from 1978. Mary Jane has asked (on several occasions) users to please release their tapes after the tapes have been copied. Please verify that the copied data (in most cases) is okay, so that we can dispose of the outdated tapes.
<b>SAIC Network WAN/LAN</b>	Etherswitching hubs are in. New cabling is complete Jimmy and company are preparing to configure the hubs.	
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<b>Security</b>	We have begun evaluating security packages such as Cops, Crack and Courtney to determine which should be executed on a weekly basis. The following applications will place the facility in a more proactive mode with regards to securing the facility. Other considerations are to maintain only one web server and one anonymous ftp server per site (offsite and onsite).	Several break-ins through a web server hole (the phf hole)
<b>new mail application (zmail)</b>	Plans are underway to integrate a new mail application. This package will allow users to access MicroSoft Office applications (which could have been created on a MAC or a PC) to open binary attachments (if they were created with the popular Office applications -- which happens very frequently). This package also has advanced features, such as filtering, it allows the user to pop mail from the post office and it is MIME compliant. We are discussing configuration concerns for all of the workstations.	
<b>Sun Solaris upgrade</b>	Stay tuned!!!!!!!!!!  All workstations have been upgraded to Solaris 2.5. Server upgrades are underway.	
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