



Seaborg Decommission

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Seaborg Highlights



Seaborg Arrives



January 2001



June 21, 2001 (N3)

- **In the latest ranking of the world's 500 most powerful supercomputers, a 2,528-processor IBM RS/6000 SP system at the U. S. Department of Energy's Lawrence Berkeley National Laboratory is listed as the top unclassified supercomputer on Earth.**
- **Number 3 Overall.**



November 1, 2002 (N3e)

- The U.S. Department of Energy's NERSC Center has signed a contract with IBM to double the size of NERSC's 3,328-processor RS/6000 SP supercomputer, creating a machine with a peak speed of 10 teraflop/s.
- NERSC made the decision to increase the capability of the existing system, rather than purchase an entirely new one. The new equipment to be installed in November with the 6,656-processor IBM system expected to become available to NERSC users by April 2003.
- This is the largest number of processors ever to be made available on an open production system.



March 10, 2003

- **The NERSC Center, funded by the U.S. Department of Energy's Office of Science, put its 10 teraflop/s (10 trillion calculations per second) IBM POWER-based supercomputer into service last week.**
- **Providing researchers across the country with the most powerful computer for unclassified research in the United States.**



Seaborg's Retirement



Seaborg Decommission

Yes, Seaborg is really going away:

- **Users will be warned regularly and reminded of the decommission schedule**
- **There will be no more scheduled maintenance for software or hardware**
- **Only Emergency maintenance(s) will be performed, if necessary (e.g., Security)**



Seaborg Decommission

What's Going On Today:

- Normal 24 x 7 Operations
- No Change In Service
- Archiving of Inactive users >> HPSS
- Opportunity for “Hero Runs” May Exist



Saving Your Seaborg Data

As part of the decommission process:

- **/home Directories Will be Backed Up and Put Into User HPSS Accounts as a tar File**
- **/scratch Will NOT be Backed Up**
- **Save Your All Valuable /scratch Data to HPSS**
- **Help Us by Removing Files You Don't Need Archived From /home**



Seaborg Decommission

Schedule:

- **01-Nov-2007 - No New User Accounts Created**
 - **USG Software Versions Frozen**
- **31-Dec-2007 - End of IBM Contract Coverage (Hardware and Software)**
- **08-Jan-2008 - End of Allocation Year (AY)**
 - All User Jobs Completed**



Seaborg Decommission

Schedule (Continued):

- **09-Jan-2008 - Final User Archives to HPSS Started**
- **15-Jan-2008 - Hardware Deinstallation Begins; 'Power Off'**
- **15-Feb-2008 - Seaborg out of OSF & Excessed According to DOE Rules**



Seaborg



January 2001 - January 2008