

**BROOKHAVEN NATIONAL LABORATORY
MEMORANDUM**

DATE: May 22, 2000
TO: U.S. Atlas Users
FROM: Howard Gordon
SUBJECT: Differences between Atlas2 and Usatlas systems;
Usatlas cut over scheduled for Thursday, May 25, 2000

Atlas2.phy.bnl.gov, Windows NT 3.51, is being replaced by usatlas.phy.bnl.gov, Windows NT 4.0 TSE (Terminal Server Edition). The new computer is a dual processor system with 512MB of RAM and 9GB of RAID storage. There are several important differences in the file structure of atlas2 as compared to usatlas. Some of these differences are related to security concerns and others are related to file and folder backup requirements. These are the differences:

- Atlas2 disks C: and E: have been replaced by C: and D: on usatlas. C: is reserved for *system files only*. All user related files are on D:.
- The subsystem folders Silicon, Trt, Lar, Muon, , Tile, and Trigger, are now located in D:\pub\incoming.
- User home folders are located in D:\users*username*.
- Only files located on the D: drive will be backed up to tape nightly.
- The files in D:\users\Project_Office have *read* access to every user but only members of the Project_Office group can change or execute in this folder.
- Monthly reporting can be found in:
D:\pub\incoming\Project_Management\REPORTING\...

Implementation of FTP on atlas2 was non-standard, resulting in easy access but presenting many security concerns. FTP on usatlas was configured in the traditional way which specifically limits the flexibility of *anonymous* FTP, but insures security. To have the same flexibility on usatlas as one had on atlas2, you must access FTP with your username and password. In fact, current policies at the Laboratory discourages the use of anonymous FTP. Anyone who needs access should contact the system administrators for a user account. The following are highlights of how FTP works on usatlas:

- The default home directory for FTP is D:\pub\incoming.

- Anonymous logins will not permit you to traverse beyond this default home folder.
- Logging in via username and password allows you to see everything an anonymous user sees plus your home folder if you type ***cd /usr*** at the prompt. If you are using an emulator such as ***Exceed***, push the F4 key on a PC and then type /usr.

The cut over to usatlas from atlas2 has been scheduled for 8:30 AM EDT on Thursday, May 25, 2000. At that time access to ***both*** atlas2 and usatlas will be suspended so that a complete copy of the files residing on atlas2 can be moved to usatlas. This operation should be completed by 10 AM at which time ***only*** usatlas will be accessible to the user community.

Please direct questions and comments to the systems administrator: Susan Eng Wong, sge@bnl.gov or Paul Kessler, kessler@bnl.gov.