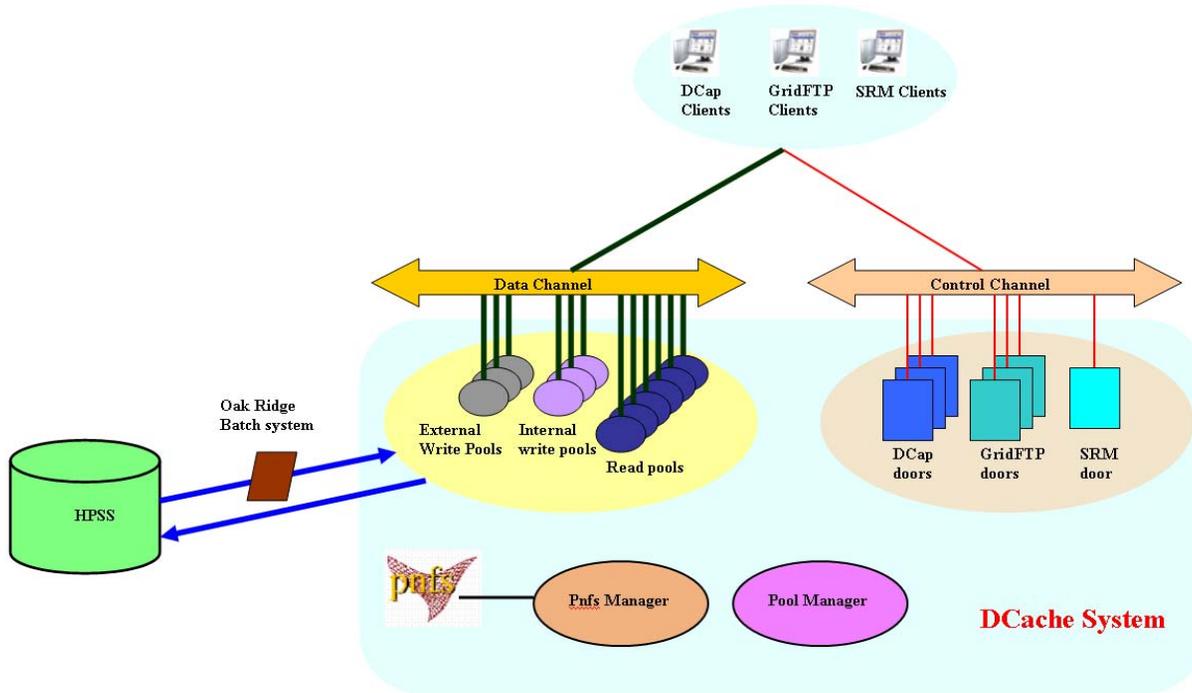
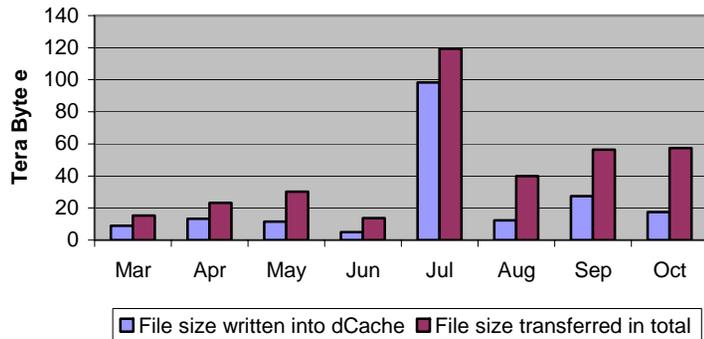


BNL USATLAS dCache System

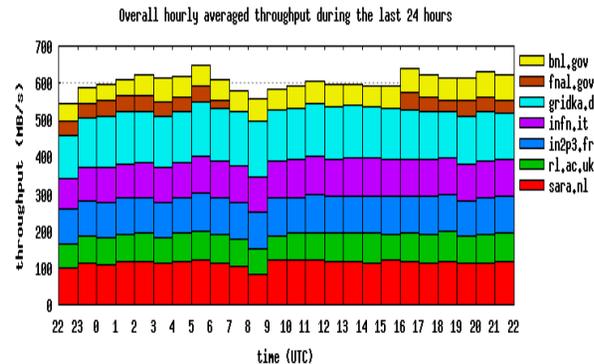


- **Large scale, grid-enabled, distributed disk storage system**
 - 336 servers, 146 TB disk space (as of Nov. 2005)
 - 110TB Production data stored (as of 11/03/2005)
 - Grid-enabled (SRM, GSIFTP) Storage Element in the context of OSG and LCG
- **Cost-effective and high throughput**
 - Utilizing low-cost, locally-mounted disk space on the computing farm
 - Exhibiting high performance during a series of Service Challenges and US ATLAS production runs.
- **Load balanced and fault tolerant**
- **Highly scalable**
- **Caching front-end to the HPSS Mass Storage System**
- **Efficient and optimized tape data access**
- **User Guide Web Site:**
<http://www.atlasgrid.bnl.gov/dcache/manuals/>

Monthly Transferred File Size in dCache (03/2005-10/2005)



Service Challenge II



Service Challenge III throughput phase

