Status

- **472** usable **cores, 202 TB** DPM (ATLAS-LOCALGROUPDISK, SMSCG VOs), lustre scratch for ARC
- **Very stable operations**, very few hiccups
- Central ATLAS operations within the ND cloud with NDGF Tier-1, EGI accounting
- Some T3 and SMSCG usage as well

T2 Status

- **ATLAS pledge for 2013—14:** 5k HEPSPEC06, 350TB for ATLAS-DATADISK
- 3.3k HEPSPEC06 operational, 180TB in LOCALGROUPDISK (not pledged)
  - **CPU:** New CE with ARC 2.0.0 built (also a ROCKS 5.5 Front-End), Infiniband and 1Gb LAN, 10GbE WAN
    - Setting this up as a cluster separated from the existing one
    - Deploying the WN image (ATLAS, MPI) on WNs (PhaseC CSCS), ~1 out of 2 nodes problematic
    - 1/4 of nodes installed, 1/8 reachable (flaky/broken ethernet switch, replacement obtained)
  - **DISK:** 180TB procured (90TB to be delivered before Christmas), 90TB more in Jan/Feb (TBC)
  - Plan: will move existing 180TB to DATADISK, add 180TB, 90TB "spare". Add older server with new disk (40TB for LOCALGROUPDISK)
  - **SCRATCH:** Issues with Thumper install. Vital help from CSCS and CHIPP community (thanks!)
    - 4 installed with "manual" 1st partitioning (OS), scripted scratch partitioning (ongoing)
    - Lustre MDS ready, next format OSTs, start Lustre and mount on CE, WNs, then test
  - **NETWORK:** IB with SLC 5.8 built-in kernel stack, all installed nodes visible
  - DDR (thumpers) to QDR: adapter cables + new QDR Mellanox switch: link OK, tests pending
  - **MIDDLEWARE:** DPM-mysql, bdii-site now UMD2, DPM-disk (pool nodes) still pending

  technically need to deploy ATLAS-DATADISK and declare Tier-2 status in site-bdii

Next steps

Nagios monitoring (local), gradual move to Puppet (for post-EMI products at least)