



Division of Responsibility for the SAE

Dave Davis – GSSC



The Standard Analysis Environment

- **The Standard Analysis Environment (SAE) are the tools and calibration data needed for routine analysis of LAT data.**
- **The SAE will be used by the LAT team and the general scientific community.**
- **This environment was defined jointly by the LAT team and the GSSC.**
 - **The development is managed by the LAT team.**
 - **The GSSC is providing manpower and expertise with the HEASARC coding standards.**



Analysis software

- **LAT Managed**
 - Data Challenge Release 1 (12/15/03)—basic capabilities such as accessing the principal databases, fitting source models with the likelihood tool, binning burst counts into spectra, creating burst response matrices and fitting burst spectra.
 - Data Challenge Release 2 (1/15/06)— completion of basic capabilities, especially the addition of graphics to the tools. Basic pulsar tools.
 - Data Challenge Release 3 (8/06)— completion of tools. Integration of analysis of GBM data.
- **All science tools to be delivered to the GSSC for packaging and initial distribution to the Community**
 - **Post-DC3 (1st quarter 2007)**
- **GSSC Managed**
 - Packaging of the tools for distribution to the community

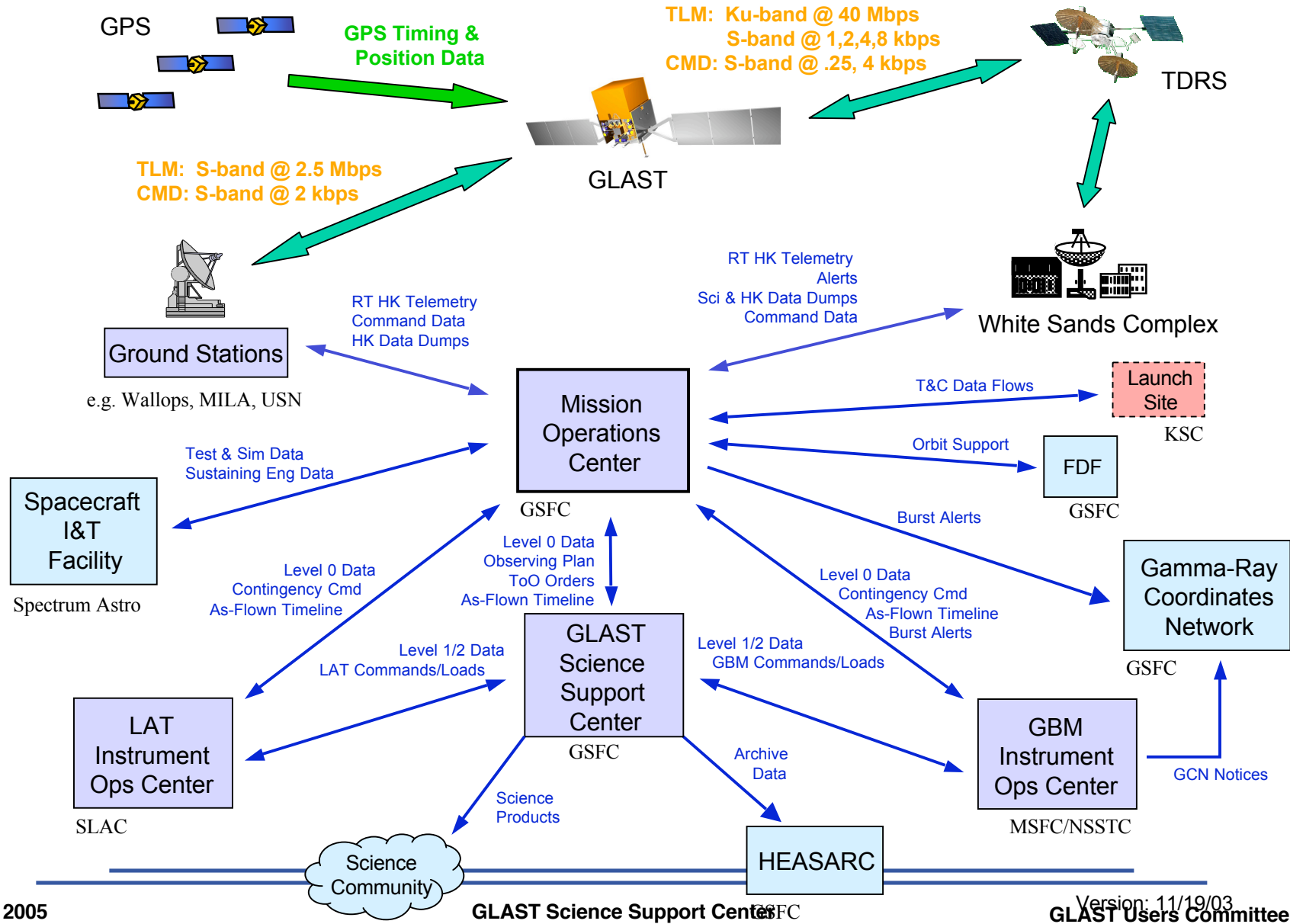


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Ground System Architecture





Mission Architecture

