



Gamma-ray Large Area Space Telescope Mission Status

LAT IFC 5 March 2004

S. Ritz

**GLAST Project Scientist and
GLAST LAT Instrument Scientist**

K. Grady

GLAST Project Manager

GLAST is an International Mission

NASA - DoE Partnership on LAT

LAT is being built by an international team

Si Tracker: Italy, Japan, Stanford/SLAC, UCSC

CsI Calorimeter: NRL, France, Sweden

Anticoincidence: GSFC

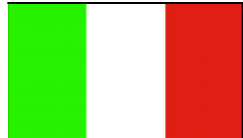
Data Acquisition System: Stanford/SLAC, NRL

GBM is being built by US and Germany

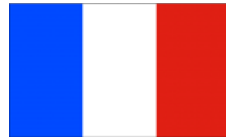
Detectors: MPE



Sweden



Italy



France



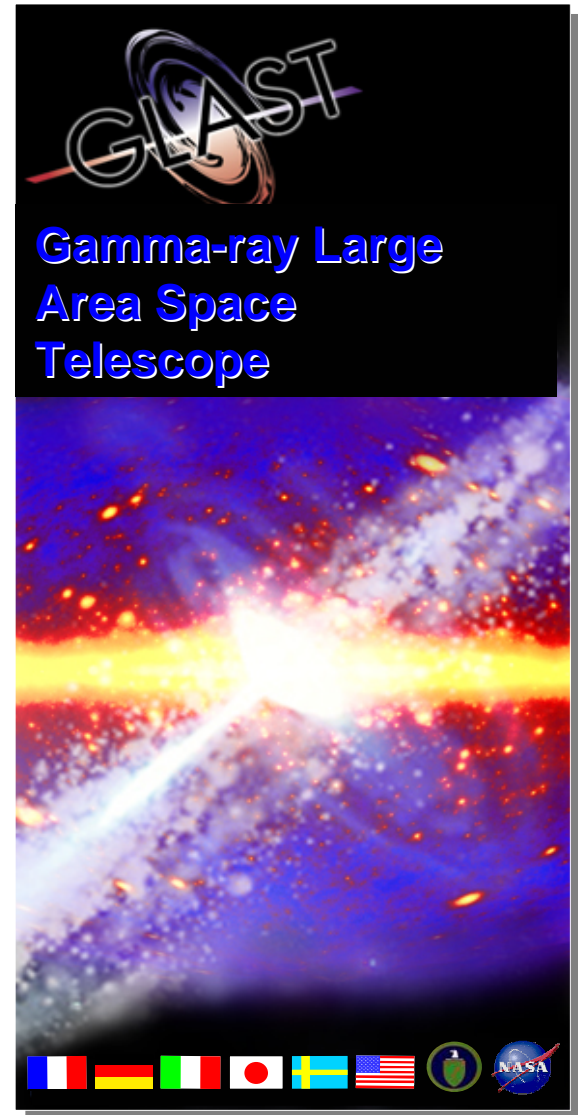
Germany



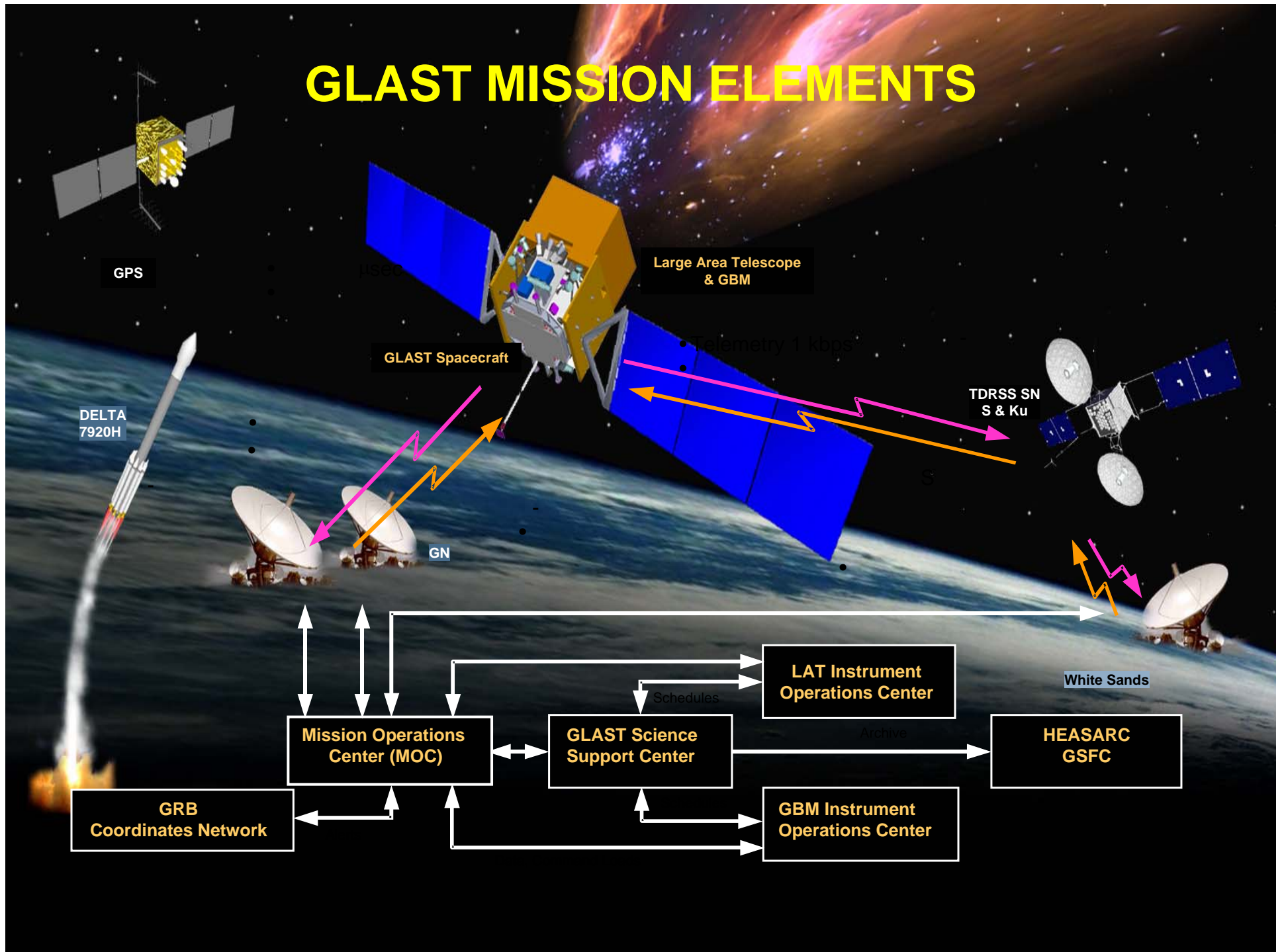
USA



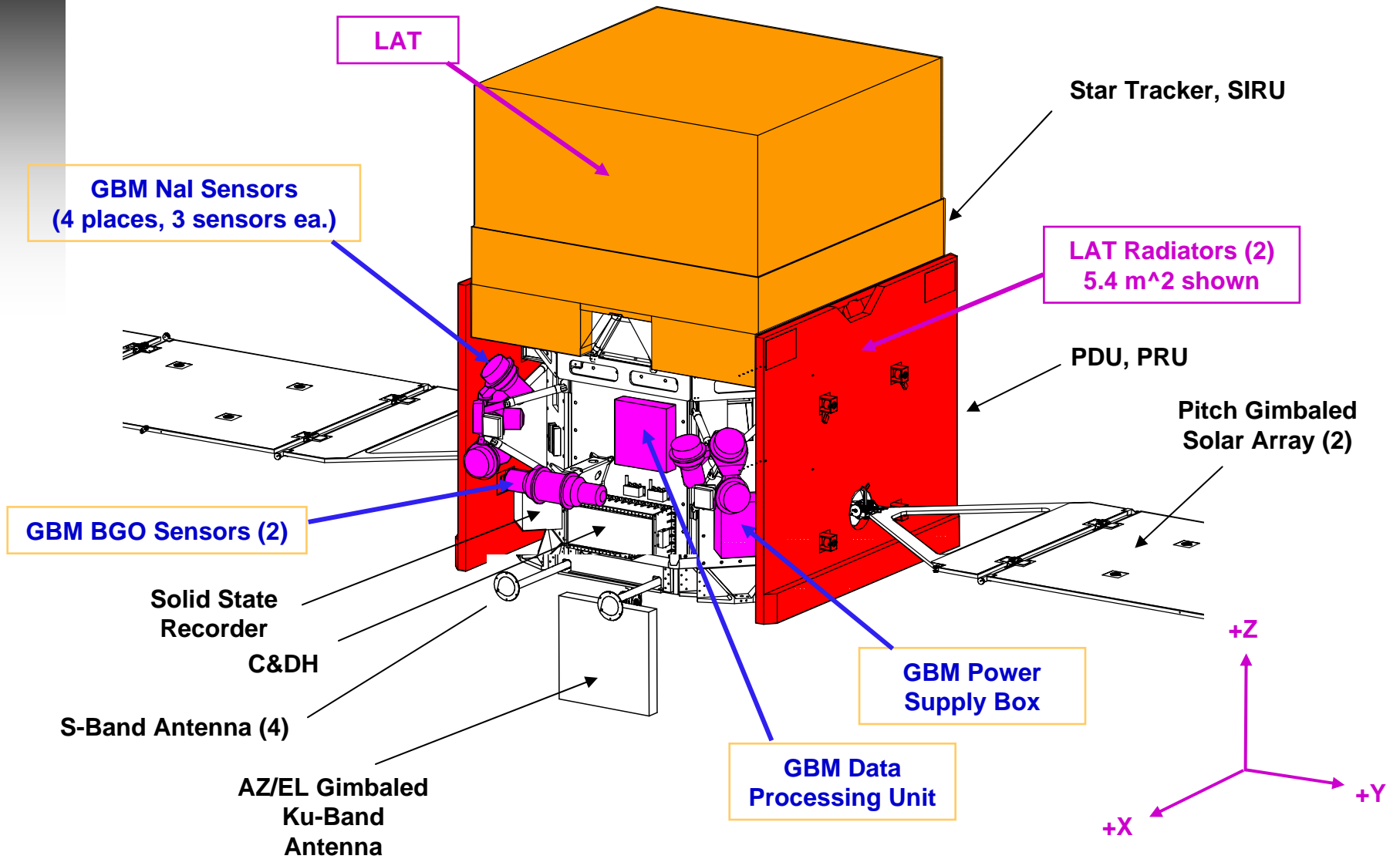
Japan



GLAST MISSION ELEMENTS



GLAST Observatory



STATUS/RECENT PROGRESS

- ▶ **Successfully completed NASA Confirmation Review process December 2003.**
 - *launch date: 28 February 2007*
- ▶ **GBM Hardware CDR (MPE) completed December 2003 (Full GBM system CDR in June)**
- ▶ **GLAST Users Committee first informational meeting held at GSFC 22-23 October 2003.**
- ▶ **Science Working Group Meeting Sept 2003 in Rome, in conjunction with LAT meeting. Joint science symposium with community participation on Diffuse Emission.**
- ▶ **Personnel changes:**
 - *D. Blackwood now the NASA HQ Program Executive for GLAST (replaces S. Horowitz)*
 - *S. Ritz now the GLAST Project Scientist (replaces J. Ormes)*
- ▶ **Spacecraft CDR, Mission CDR Summer 2004.**
 - *detailed subsystem peer reviews ongoing*
 - *numerous s/c hardware components in fabrication*

STATUS/RECENT PROGRESS (cont.)

- ▶ *First MIWG/GOWG meeting at Kennedy Space Center October 2003.*
- ▶ *Launch vehicle: formally issue start work on manufacturing in 2004.*
- ▶ *Spectrum Astro completed construction of their new I&T facility. Certification of new test facilities now in progress.*
- ▶ *Formally made decision to incorporate Ku band space network communication for science data downlink.*
- ▶ *Increased data volume allocation to LAT by factor x4*

GLAST MASTER SCHEDULE

