

GLAST Large Area Telescope

LAT Flight Software
TRR

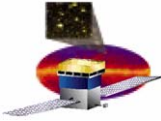
Glossary

Stanford Linear Accelerator Center



Glossary of FSW Terms (1)

Term	Definition
ATT	Attitude Processing (package)
CCSDS	CCSDS Packet Utilities (package)
CDM	Configuration Database Manager (package)
CFG	FSW Configuration and Initialization (package)
CMX	Code Management eXtra (package)
CR	Candidate Releases: series of software builds with increasingly complete FSW.
CTS	Command and Telemetry Service (package)
CTDB	Command and Telemetry Data Bus (1553) Driver (package)
EBC	Emergency Boot Code (package)
EDS	Event Delivery Service
EFC	Event Filter Code
EMP	Event Monitoring Processor (package)
FBS	File Basic Services (package)
FILE	File Upload (package)
FQT	Formal Qualification Testing
GRB	Gamma Ray Burst
IMM	Instrumented Memory Manager (package)
ITC	Inter-task Communications Toolkit (ITC)



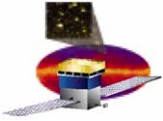
Glossary of FSW Terms (2)

Term	Definition
LATC	LAT Configuration (LTC)
LCBD	LAT Communications Board Driver (package)
LCI	LAT Charge Injection Calibration (package)
LCM	LAT Computer Manager (package)
LCS	LCB Communications Service (package)
LDF	LAT Diagnostics Framework (package)
LDT	LAT Data Tools (package)
LEM	LAT Electronics Module (package)
LFS	LAT File System (package)
LHK	LAT Housekeeping (package)
LIM	LAT Instrument Manager (package)
LMC	LAT Multiplexed Counters (package)
LPA	LAT Physics Acquisition (package)
LSE	LAT Science Encoding (package)
LSEC	LAT Science Encoding Calibration (package)
LSEP	LAT Science Encoding Physics (package)
LSF	LAT Science Format
LSM	LAT Spacecraft Messages (package)



Glossary of FSW Terms (3)

Term	Definition
LTC	LAT Thermal Control (package)
M7	(aka. "Magic 7":) Set of data messages sent from Spacecraft to SIU: Attitude message (at 5 Hz), Timetone message (1 Hz), Ancillary message (1 Hz)
MDB	Message Data Base (package)
MEM	Memory Management (package)
MON	CPU Monitor (package)
MSG	FSW internal error messaging (package)
PBC	Primary Boot Code (package)
PBS	Processor Basic Services (package)
PIG	Power-up and Initialize GASU (package)
PQTR	Post Qualification Test Review
RAD750	RAD750 Board Support (package)
SBC	Secondary Boot Code (package)
SIB	SIB Board Driver (package)
THS	Time Hack Services (package)
TRR	Test Readiness Review
VSC	Virtual Spacecraft: Spacecraft simulator constructed at SLAC
VXW	VxWorks BSP (package)



Glossary of FSW Terms (4)

Term	Definition
ZFS	ZLIB File Services (package)
ZLIB	ZLIB Compression Tools (package)