

Appendix B

Acronym List

This list is a superset of acronyms and abbreviations used in this document.

ACA Aspect Camera Assembly	ASVT Avionics and Software Validation and Test (facility)
ACACAL ACA Calibration Data	ASPQUAL Aspect Solution Quality Indicators
ACIS Advanced CCD Imaging Spectrometer	AXAF Advanced X-Ray Astrophysics Facility
ACIS-I ACIS Imaging array	BI Back-illuminated
ACIS-S ACIS Spectroscopic array	CALDB Calibration Data Base
ADC Analog-Digital Conversion	CAP Command Action Procedure (used to communicate with spacecraft)
ADU Analog to Digital Unit	CC Continuous Clocking
AGASC AXAF Guide and Aspect Star Catalog	CCD Charge Coupled Device
AO Announcement of Opportunity	CCDM Communication, Command, and Data Management
ARD Analysis Reference Data	CDO <i>CXC</i> Director's Office
ARF Ancillary Response Function	CDR Central Data Recorder (also Critical Design Review)
ARM Alignment Reference Mirror	CfP Call for Proposals
ASC AXAF Science Center	CGCD Crossed Grid Charge Detector
ASCA also known as Asuka, Astro-D - Japanese X-ray satellite	CHaRT <i>Chandra</i> Ray Tracer
ASCDS ASC Data Analysis System	ChaSeR Chandra Search and Retrieval
ASCII American National Standard Code for Information Exchange	CIAO Chandra Interactive Analysis of Observations
	CoI Co-Investigator

COLDEN Calculate Neutral Hydrogen Column Density	FOV Field of View
CR Cosmic Ray	FPSI Focal Plane Scientific Instruments
CSS Coarse Sun Sensor	FPX Focal Plane X
CTE Charge Transfer Efficiency	FPY Focal Plane Y
CTI Charge Transfer Inefficiency	FSS Fine Sun Sensor
CXC Chandra X-ray Center	FTA Fiducial Transfer Assembly
CXCDS Chandra X-ray Center Data Systems	FTS Fiducial Transfer System
CXO Chandra X-ray Observatory	FUV Far-UV
DBE Double Bit Error	FWHM Full Width Half Maximum
DEA Detector Electronics Assembly	GESS Grating Element Support Structure
DDT Director's Discretionary Time	GMST Greenwich Mean Sidereal Time
Dec Declination	GMT Greenwich Mean Time
DOT Detailed Operations Timeline	GO General Observer
DSN Deep Space Network	GSFC Goddard Space Flight Center
DSS Digital Sky Survey	GST Greenwich Sidereal Time
EA Effective Area	GTO Guaranteed Time Observer
E/PO Education and Public Outreach	GUI Graphical User Interface
EC Ecliptic Coordinates	HDOS Hughes-Danbury Optical System
EDT Eastern Daylight Time	HEASARC High Energy Astrophysics Science Archive Research Center
EPHIN Electron Proton Helium Instrument	HEG High Energy Grating
ESA Earth Sensor Assembly	HESF High Energy Suppression Filter
ESC Engineering Support Center	HESS HETG Support Structure
FAQ Frequently Asked Questions	HETG High Energy Transmission Grating
FCM Flux Contamination Monitor	HETGS HETG Spectrometer
FEF FITS Embedded Function (used to generate RMF for detectors)	HPD Half Power Diameter
FI Focal Plane Instrumentation (Front-Illuminated)	HQ Headquarters
FITS Flexible Image Transport System	HRC High Resolution Camera
FLA Fiducial Light Assemblies	HRI High Resolution Imager
FOT Flight Operations Team	HRMA High Resolution Mirror Assembly
	HST Hubble Space Telescope

IAU International Astronomical Union	MUPS Momentum Unloading Propulsion System
ICD Interface Control Document	NASA National Aeronautics and Space Administration
IDR Intermediate Data Record	NASCOM NASA Communication system
IDS Interdisciplinary Scientist	NDC NRT Data Capture
IPI Instrument Principal Investigator	NGST Northrop-Grumman Space Technology
IPS Integral Propulsion System	NISN NASA Integrated Services Network
IRAF Image Reduction and Analysis Facility	NMM Normal Maneuver Mode
IRU Inertial Reference Unit	NOAO National Optical Astronomy Observatory
ISIS Interactive Spectral Interpretation System	NPM Normal Pointing Mode
IUE International Ultraviolet Explorer	NRA NASA Research Announcement
IUS Inertial Upper Stage	NRAO National Radio Astronomy Observatory
JD Julian Day	NRT Near-Real Time (telemetry data)
JPL Jet Propulsion Laboratory	OAC Orbital Activation and Checkout
KSC Kennedy Spaceflight Center	OBA Optical Bench Assembly
LESF Low-energy Suppression Filer	OBC On-Board Computer
LETG Low Energy Transmission Grating	OBF Optical Blocking Filter
LETGS LETG Spectrometer	OBSCAT Observing Catalog
LGA Low Gain Antenna	OBSVIS Observation Visualizer
LRF Line Response Function	OCC Operations Control Center
LSF Line Spread Function	ODB Optical Data Base
LTS Long Term Schedule	OFLS Off-line System
MARX Model of AXAF Response to X-rays	ONLS On-line System
MCP Micro Channel Plate	OR Observation Request
MEG Medium Energy Grating	OS Operating System
MIT Massachusetts Institute of Technology	PCAD Pointing Control and Attitude Determination
MJD Modified Julian Date	PDF Portable Document Format
MPE Max-Planck-Institut für Extraterrestrische Physik	PDR Preliminary Design Review
MSFC Marshall Space Flight Center	
MTA Monitoring and Trends Analysis	

PH Pulse Height	STScI Space Telescope Science Institute
PHA Pulse Height Amplifier (or Amplitude)	TAI International Atomic Time
PI Principal Investigator	TBD To Be Determined
PIMMS Portable Interactive Multi-Mission Software	TBR To Be Reviewed
PSF Point Spread Function	TE Timed Exposure
PSMC Power Supply and Mechanism Controller (for ACIS)	TIM Technical Interchange Meeting
PSPC Position Sensitive Proportional Counter	TOO Target of Opportunity
QE Quantum Efficiency	TS Telescope System, or Telescope Scientist
RA Right Ascension	UT Universal Time
RCS Reaction Control System	UTC Universal Time Coordinated
RCTU Remote Command and Telemetry Unit	UV Ultraviolet
RfO Requests for Observations	UVIS UV Ion Shield
RMF Redistribution Matrix Function	VCDU Virtual Channel Data Unit
RMS Root Mean Squared	VETA Validation Engineering Test Article (mirror)
ROSAT Roentgen Satellite	WGACAT White-Giommi-Angelini Catalog (ROSAT)
RPS Remote Proposal Submission	XMM X-ray Multi-Mirror Mission
RRC Retroreflector Collimator	XRCF X-ray Calibration Facility
RWA Reaction Wheel Assembly	XSPEC X-ray Spectral fitting package
SADA Solar Array Drive Assembly	XTE X-ray Timing Explorer
SAO Smithsonian Astrophysical Observatory	XUV Extreme Ultraviolet
SI Science Instrument	
SIM Scientific Instrument Module	
SMF Software Maintenance Facility	
SNR Supernova Remnant	
SOHO Solar and Heliospheric Observatory	
SOP Standard Operating Procedure	
SOT Science Operations Team	
SSR Solid-State Recorder	
STS Short Term Schedule	