

# Appendix B

## Glossary

The following is a list of acronyms and abbreviations used in the text of this document, along with the corresponding definitions:

**1-D** – 1-Dimensional

**2-D** – 2-Dimensional

**3-D** – 3-Dimensional

**ASCII** – American Standard Code for Information Interchange

**BCKGRD** – High-Dispersion Background Determination Module

**CALUV** – Ultraviolet Flood Lamp

**CDI** – Core Data Item

**CDS** – Astronomical Data Center of Strasbourg

**CRHI** – Cosmic Ray Image Extension to the SIHI (NEWSIPS)

**CROSS-CORR** – Cross-Correlation Module

**DCG** – Data Coordination Group

**DMU** – Data Multiplexer Unit

**DN** – Data Number (pixel intensity from the raw image)

**EBCDIC** – Extended Binary Coded Decimal Interchange Code

**ELBL** – Extended Line-by-Line Image (IUESIPS)

**ESA** – European Space Agency

**EXTRACT** – High-Dispersion Boxcar Extraction Module

**FADC** – Final Archive Definition Committee

**FES** – Fine Error Sensor

**FITS** – Flexible Image Transport System

**FN** – Flux Number (pixel intensity from the photometrically corrected image)

**FPM** – Flux Particle Monitor

**FTP** – File Transfer Protocol

**GEOM** – Geometric Correction Module

**GMT** – Greenwich Mean Time

**GO** – Guest Observer

**GSFC** – Goddard Space Flight Center; Greenbelt, Maryland

**HDU** – Header and Data Unit

**ID** – Identification

**IOR** – Interorder Overlap Region

**IRAF** – Image Reduction and Analysis Facility

**ITF** – Intensity Transfer Function

**IUE** – International Ultraviolet Explorer

**IUEOCC** – IUE Operations Control Center

**IUESIPS** – IUE Spectral Image Processing System

**IUESOC** – IUE Science Operations Center

**LF** – Linearized  $\nu$ -Flag Image (NEWSIPS)

**LFHI** –  $\nu$ -Flag Image Extension to the LIHI (NEWSIPS)

**LFLO** –  $\nu$ -Flag Image Extension to the LILO (NEWSIPS)

**LI** – Linearized Image (NEWSIPS)

**LIHI** – High-Dispersion Linearized Image FITS File (NEWSIPS)

- LILO** – Low-Dispersion Linearized Image FITS File (NEWSIPS)
- LWLA** – Long Wavelength Large Aperture
- LWP** – Long Wavelength Prime Camera
- LWR** – Long Wavelength Redundant Camera
- LWSA** – Long Wavelength Small Aperture
- MMF** – Missing Minor Frame
- MX** – Merged Extracted Image (NEWSIPS)
- MXHI** – High-Dispersion Merged Extracted Image FITS File (NEWSIPS)
- MXLO** – Low-Dispersion Merged Extracted Image FITS File (NEWSIPS)
- NAG** – Numerical Algorithms Group, Ltd. (providers of certain FORTRAN routines used in NEWSIPS)
- NASA** – National Aeronautics and Space Administration
- NEWSIPS** – New Spectral Image Processing System
- NOST** – NASA/Science Office of Standards and Technology
- OBC** – On-board Computer
- ORDERG** – High-Dispersion Order Registration Module (part of *RAW\_SCREEN*)
- PHOTOM** – Photometric Correction Module
- PIXEL** – Picture Element
- POT** – Preplanned Observation Tape
- PSF** – Point Spread Function
- PT-NE** – Platinum-Neon
- RA** – Resident Astronomer
- RAW\_SCREEN** – Raw Image Screening Module
- RI** – Raw Image (NEWSIPS)
- RIHI** – High-Dispersion Raw Image FITS File (NEWSIPS)
- RILO** – Low-Dispersion Raw Image FITS File (NEWSIPS)

- ROLO** – Original Raw Image Extension to the RILO (NEWSIPS)
- S/C** – Spacecraft
- SCRIPTS** – Observing Specifications Log
- SEC** – Secondary Electron Conduction
- SERC** – Science and Engineering Research Council (U.K.)
- SF** – Resampled  $\nu$ -Flag Image (NEWSIPS)
- SFHI** –  $\nu$ -Flag Image Extension to the SIHI (NEWSIPS)
- SFLO** –  $\nu$ -Flag Image Extension to the SILO (NEWSIPS)
- SI** – Resampled Image (NEWSIPS)
- SIHI** – High-Dispersion Resampled Image FITS File (NEWSIPS)
- SILO** – Low-Dispersion Resampled Image FITS File (NEWSIPS)
- SIMBAD** – Set of Identifications, Measurements, and Bibliography for Astronomical Data
- S/N** – Signal-to-Noise Ratio
- SWET** – Signal Weighted Extraction Technique Module
- SWLA** – Short Wavelength Large Aperture
- SWP** – Short Wavelength Prime Camera
- SWR** – Short Wavelength Redundant Camera
- SWSA** – Short Wavelength Small Aperture
- TFLOOD** – Tungsten Flood Lamp
- THDA** – Camera Head Amplifier Temperature
- TO** – Telescope Operator
- TTDC** – Mean Dispersion Constant Correction Module
- ULDA** – Uniform Low-Dispersion Archive
- UT** – Universal Time
- UV** – Ultraviolet

**UVC** – Ultraviolet to Visible Converter

**UVFLOOD** – Ultraviolet Flood Lamp

**VD** – Vector Displacements

**VDHI** – High-Dispersion Vector Displacement Image FITS File (NEWSIPS)

**VDLO** – Low-Dispersion Vector Displacement Image FITS File (NEWSIPS)

**VICAR** – Video Image Communication and Retrieval

**VILSPA** – Villafranca del Castillo, Spain (European Ground Station)

**VMS** – Virtual Machine System

**WAVECAL** – Wavelength Calibration

**WLHI** – Wavelength Binary Table Extension to the SIHI (NEWSIPS)

**XC** – Cross-Correlation Coefficients

**XCHI** – Cross-Correlation Binary Table Extension to the VDHI (NEWSIPS)

**XCLO** – Cross-Correlation Binary Table Extension to the VDLO (NEWSIPS)