Appendix E

Acronyms Used in this Document

Table E.0-1: Acronyms

Acronym	Definition
ACS	Attitude control system
AIPS	Astronomical Image Processing System
ANL	Annealing mode (of *DIRBE* operation)
APE	Analog processing electronics
ASCII	American Standard Code of Informational Interchange
ASDS	Analyzed Science Data Set (high–level data product)
AU	Astronomical Unit
AV	Approach Vector
BCC	Celestial_Calibration (software to determine calibration constants based upon celestial objects)
BCO	Select_Cal_Objects (software to search the data for object passages)
BEX_DO	Detector Offsets (internal use data set)
BEX_GC	Gain Coefficients (internal use data set)
BIB	Blocked Impurity Barrier
BIC_IRSCC	IRS Calibration Constants (internal use data set)
BIT_DO	Detector Offsets (internal use data set)
BLI	Linearize_Intensities (software to correct science data)
BMD_MA	Merged Archive (internal use data set)
BPW	Produce_Weekly_Maps (software)
BPW_WAF	Weekly Average File (data set)
CAL	Calibration mode
CBM	Continuous burst mode
CDAC	Cosmology Data Analysis Center
CGIF	*COBE* Guest Investigator Facility
CGIS	*COBE* Guest Investigator Support
CIB	Cosmic Infrared Background
CIO	Calibrated Individual Observations
CMB	Cosmic Microwave Background
COBE	Cosmic Background Explorer
CSC	*COBE* Quadrilateralized Spherical Cube
DCAF	*DIRBE* Calibrated Annual File
DEU	Digital Electronics Units
DGL	Deglitching setting
DIRBE	Diffuse Infrared Background Experiment
DMR	Differential Microwave Radiometers
DN	Data Numbers (uncalibrated photometry unit)
DO	Detector Offsets
DSZA	*DIRBE* Sky And Zodi Atlas
ETS	Electronic test signal mode
FIRAS	Far Infrared Absolute Spectrophotometer
FITS	Flexible Image Transport System
FOV	Field of view
FSM	Faint Source Model
FTIR	Fourier Transform Interferometer Radiometer
ftp	File Transfer Protocol
GI	Guest Investigator
GMT	Greenwich Mean Time

GPM	Galactic Plane Maps
GRT	Germanium Resistance Thermometer
GSFC	Goddard Space Flight Center
HEASARC	High Energy Astrophysics Science Archive Research Center
HCON	*IRAS* hours–confirmed observation
HMnF	Half Minor Frame
IDL	Interactive Data Language
IPAC	Infrared Processing and Analysis Center
IPD	Interplanetary Dust
IPDU	Instrument Power Distribution Unit
IR	Infrared
IRAS	Infrared Astronomical Satellite
IRIS	Voyager spectrometer
IRS	Internal Reference Source
IRSCC	IRS Calibration Constants
JFET	Junction Field-Effect Transistor
KAO	Kuiper Airborne Observatory
MF	Major frame
MGR	Mean Glitch Rate
MLI	Multilayer Insulating (blankets)
MLIF	Multilayer interference filter
MTM	Mirror Transport Mechanism
MUX	Multiplexor
NASA	National Aeronautics and Space Administration
NEP	North Ecliptic Pole
NGP	North Galactic Pole
NOST	NASA/OSSA Office of Standards and Technology
NVAB	North Van Allen Belt
OCLI	Optical Coating Laboratories, Inc., or generic term for similar product
OGIP	Office of Guest Investigator Programs
OSSA	Office of Space Science and Applications
PDS	Project Data Set
PIRE	Photon–Induced Responsivity Enhancement
PS	Postscript
RF	Radio frequency
RFI	Radio frequency interference
RMS	Root mean square
SAA	South Atlantic Anomaly
SD	Standard deviation
SDM	Science data mode
SNAP	Snapshot mode
SNG	Single channel mode
SOP	Satellite Operations Plan (*IRAS*)
STM	Standby mode
SVAB	South Van Allen Belt
$T81$	TAI seconds elapsed since 1981 January 1 00:00:00 UTC
TAI	International Atomic Time
TDRSS	Tracking and Data Relay Satellite System
TFPR	Total Flux Photometric Reference
TOD	Time–Ordered Data
TSI	Time since IRS
UIT	Ultraviolet Imaging Telescope
UT	Universal Time
XCAL	External Calibrator (*FIRAS*)
ZL	Zodiacal Light, including thermal emission and scattered light
ZOHF	*IRAS* Zodiacal Observation History File
ZSMA	Zodi–Subtracted Mission Average (ZSMA) Maps