

2Mass	2 micron All Sky Survey
A/D	Analogue to Digital Converter
AAS	American Astronomical Society
ABCL	As-Built Configuration List
AC	Alternating Current
ACC	Attitude Control Computer
ACM	Attitude Control and Measurement
ACMS	Attitude Control and Measurement Subsystem
ACS	Auto-Correlation Spectrometer
AD	Applicable Document
ADC	Analogue to Digital Converter
ADD	Architectural Design Document
ADP	Acceptance Data Package
ADR	Architectural Design Review
AGB	Asymptotic Giant Branch
AGN	Active Galactic Nucleus
AIT	Assembly, Integration and Test
AIV	Assembly, Integration, and Verification
AM	Avionics Model
AMA	Absolute Measurement Accuracy
AME	Attitude Measurement Error
AO	Announcement of Opportunity
AOCS	Attitude and Orbit Control System
AOS	Acousto Optic Spectrometer
AOT	Astronomical Observation Template
APD	Absolute Pointing Drift
APE	Absolute Pointing Error
API	Application Programming Interface
APID	Application Programme Identifier
AR	Acceptance Review
AR	Anti-Reflex
AR5	Ariane 5
ARE	Absolute Rate Error
ASCII	American Standard Characters International Interchange
ASF	Additional Safety Factor
ASIC	Application Specific Integrated Circuit
ASTRO-F	
ASW	Address and Synchronisation Word
ATC	Astronomy Technology Centre, Edinburgh
ATC	Active Thermal Control
ATT	Attenuator
AU	Astronomical Unit
AVM	Avionics Verification Model
BACUS	Bolometer Array Calibration Unit for SPIRE
BAF	Batiment d'Assemblage Final
BAU	Buffer Amplifier Unit
BCR	Battery Charge Regulator
BCS	Back-end Control System
BdL	Bureau de Longitude
BDR	Battery Discharge Regulator
BE	Back End
BEM	Back End Module (LFI)
BER	Bit Error Rate
BEU	Back End Unit (LFI)
BIB	Blocked Impurity Band
BICE	A Japanese balloonborne telescope experiment

BIT	Build In Test
BLOB	Binary Large Object
BMOS	Buckling Margin of Safety
BOL	Beginning of Life
bps	bits per second
BRDF	Bi-directional Reflectance Distribution Function
BRU	Battery Regulator Unit
BSF	Basic Safety Factor
BSM	Beam Steering Mechanism
BW	Bandwidth
CA	Calibration Analysis (software)
CaC	Cost at Completion
CAISMI	Centro per l'Astronomia Infrarossa e lo Studio del Mezzo Interstellare
CC	Configuration Control
CCB	Configuration Control Board
CCD	Charged Coupled Device
CCE	Central Check-Out Equipment
CCSDS	Consultative Committee for Space Data Systems
CD	Compact Disk
CDD	Configuration Data Document
CDMS	Command and Data Management Subsystem
CDMU	Central Data Management Unit
CDR	Critical Design Review
CEA	Commissariat a l'energie atomique
CESR	Centre d'Etude Spatiale des Rayonnements
CEU	Cryo Electronics Unit
CFC	Carbon Fibre Compound
CFRP	Carbon Fibre Reinforced Plastic
CGI	Common Gateway Interface
CIDL	Configuration Item Data List
CIL	Critical Items List
Cluster	ESA mission for ionospheric studies
CMB	Cosmic Microwave Background
CMD	Command
CMOS	Complementary Metal Oxide Semiconductor
CMS	Configuration Management System
CNES	Centre National d'Etudes Spatiales
CNR	Consiglio Nazionale delle Ricerche
COA	Common Optics Assembly
COBE	Cosmic Background Explorer
COE	Check-out Equipment
CoG	Centre of Gravity
Co-I	Co-Investigator
COM	Centre of Mass
COM	Common Object Model
COP	Commissioning Operations Plan
CORBA	Common Object Request Broker Architecture
COTS	Commercial Off The Shelf Software
CQM	Cryogenic Qualification Model
CRE	Cryogenic Readout Electronics (in some documents: Cold Readout Electronics)
CREMA	Consolidated Report on Mission Analysis
CRM	Command Response Module
CRP	Contingency Recovery Procedure
Cs	Cesium
CS4	Cornerstone 4 (= FIRST)
CSA	Canadian Space Agency

CSG	Centre Spatiale Guyannais
CSO	Caltech Submillimetre Observatory
CST	Community Support Tools
CTE	Coefficient of Thermal Expansion
CTS	Chirp Transform Spectrometer
CTU	Central Terminal Unit
CUS	Common Uplink System
CVCM	Collected Volatile Condensable Material
CVV	Cryostat Vacuum Vessel
CWG	Commonality Working Group
D/A	Digital to Analogue converter
DAC	Digital to Analogue Converter
DACS	Digital Autocorrelator Spectrometer
DAE	Data Acquisition Electronics (LFI)
DAPSAS	Data Processing and Science Analysis Software
DBMS	Database Management System
dBmW/MHz	Noise power level in dB relative to 1 mW in a 1 MHz bandwidth
DBR	Distributed Bragg Reflector
DBU	Digital Bus Unit, the digital interface provided by the spacecraft
DC	Direct Current
DC/DC	Direct Current voltage converter
DCCU	Dilution Cooler Control Unit
DDD	Detailed Design Document
DDR	Detailed Design Review
DDS	Data Distribution System
DDVP	Design, Development and Verification Plan
DEC	Detector Control
DESPA	Departement de Recherche Spatiale, Paris
DHS	Data Handling System
DHSS	Data Handling Subsystem
DLCM	Direct Liquid Content Measurement
DM	Demonstration Model
DM	Development Model
DM	Dynamic Model
DMA	Direct Memory Access
DML	Declared Material List
DMPL	Declared Mechanical Parts List
DMS	Document Management System
DoD	Depth of Discharge
DOF	Degree of Freedom
DPC	(Planck) Data Processing Centre
DPL	Declared Process List
DPOP	Daily Prime Operational Phase
DPU	Data Processing Unit
DRAO	Dominion Radio-Astronomical Observatory
DRB	Delivery Review Board
DRCU	Detector Readout and Control Unit
DS	Digital Serial
DSB	Double Side Band
DSN	Deep Space Network
DSP	Digital Signal Processor
DTCP	Daily Telecommunications Period
DTMM	Detailed Thermal Mathematical Model
EAS	European Astronomical Society
ECR	Engineering Change Request
ECSS	European Cooperation for Space Standardisation

EDAC	Error Detection And Correction
EDS	Electrostatic Discharge
EE	End to End
EED	Electro-Explosive Device
EEE	Electrical, Electronic and Electro-mechanical
EEPROM	Electrically Erasable Programmable Read Only Memory
EGSE	Electrical Ground Support Equipment
EIRP	Equivalent Isotropic Radiated Power
EM	Engineering Model
EM	Electrical Model
EMC	Electro-Magnetic Compatibility
EMF	Electro-Motive Force
EMI	Electromagnetic Interference
EOL	End of Life
EOM	Electro Optic Modulator
EOM	End of Mission
EOP	Early Orbit Phase
EP	Entrance Pupil
ESA	European Space Agency
ESOC	European Space Operations Centre
ESTEC	European Space Technology and Research Centre
ESTRACK	European Space Tracking Station Network
EU	Electrical Unit
EU	European Union
EUMETSAT	
f/D	Ratio of focal length to Diameter
FAQ	Frequently Asked Questions
FAR	Flight Acceptance Review
FCS	Flight Control System
FCSS	FIRST Common Science System
FCSSMG	FIRST Common Science System Management Group
FCU	Focal Plane Control Unit (HIFI)
FD	Flight Dynamics
FDB	FIRST Data Base
FDIR	Fault Detection Isolation and Recovery
FEM	Front End Module (LFI)
FEM	Finite Element Model
FEU	Front End Unit (LFI)
FFT	Fast Fourier Transform
FGSAG	FIRST Ground Segment Advisory Group
FGSSE	First Ground Segment System Engineering (Group)
FH	Feed Horn (LFI)
FIFO	First In First Out
FINDAS	FIRST Integrated Network and Data Archive System
FIR	Far Infrared
FIRAS	Far Infrared Absolute Spectrophotometer
FIRST	Far Infrared and Submillimetre Telescope
FITS	Flexible Image Transportation System
FM	Flight Model
FMECA	Failure-Modes, Effects and Criticality Analysis
FMS	Failure Management System
FOM	Figure of Merit
FOP	Flight Operations Procedure
FOR	Field of Regard
FOS	Factor of Safety
FOTAC	FIRST Observation Time Allocation Committee

FOV	Field of View
FP	Fabry-Perot
FPA	Focal Plane Assembly
FPGA	Field Programmable Gate Array
FPLM	FIRST Payload Module
FPU	Focal Plane Unit
FRD	Formatted Raw Data
FRR	Flight Readiness Review
FS	FIRST Scheduler
FS	Flight Spare Model
FSC	FIRST Science Centre
FSCDM	FSC Development Manager
FSCDT	FSC Development Team
FSCOM	FSC Operations Manager
FSCOT	FSC Operations Team
FSCS	FIRST Science Centre System
FSEC	FIRST Science Evaluation Committee
FSODG	FIRST Science Operations Definitions Group
FSS	Fine Sun Sensor
FST	FIRST Science Team
FTB	Focal Plane JFET and/or RF filter box (SPIRE)
FTP	File Transfer Protocol
FTS	Fourier Transform Spectrometer
FUSE	Far Ultraviolet Spectroscopic Explorer
FUV	Far Ultraviolet
FWHM	Full Width Half at Maximum
G/S	Ground Station
G/T	Gain to Temperature Ratio
GaAs	Gallium Arsenide Semiconductor
GFC	Glass Fibre Compound
GFRP	Glass Fibre Reinforced Plastic
GFURD	Ground Facility User Requirement Document
GMC	Giant Molecular Cloud
GMM	Geometrical Mathematical Model
GO	Guest Observer
GS	Ground Segment
GSAG	Ground Segment Advisory Group
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center
GSID	Ground Segment Interface Document
GT	Guaranteed Time
GTO	Geostationary Transfer Orbit
GTO	Guaranteed Time Observer
GUI	Graphical User Interface
gzip	A Unix data compression program
H/W	Hardware
HBES	HIFI Back-End Sub-system
HBES-1	HBES IF processor
HBES-2	HBES high resolution spectrometer
HBES-3	HBES wide band spectrometer
HCI	Human Computer Interface
HDR	Hardware Design Review
HEB	Hot Electron Bolometer
HEMT	High Electron Mobility Transistor
HEO	Highly Eccentric Orbit
HET	Heterodyne instrument of the FIRST model payload

HFA	
HFCU	HIFI Focal Plane Control Unit
HFI	High Frequency Instrument (Planck)
HFPU	HIFI Focal Plane Unit
HGA	High-Gain Antenna
HICU	HIFI Instrument Control Unit
HIFI	Heterodyne Instrument for FIRST
HK or H/K	House Keeping (data)
HLCU	HIFI Local Oscillator Control Unit
HLOU	HIFI Local Oscillator Unit
HLS	High-Level Software (LFI)
HPBW	Half-Power Beam Width
HRI	High-Resolution IF processor (HIFI)
HRP	High Resolution IF Processor
HRS	High-Resolution Spectrometer (HIFI)
HSIA	Hardware/Software Interaction Analysis
HSK	House Keeping
HST	Hubble Space Telescope
HTML	Hypertext Mark-up Language
HTTP	Hypertext Transfer Protocol
I/F	Interface
I/O	Input/Output
IA	Interactive Analysis (software)
IAC	Instituto de Astrofisica de Canarias, Tenerife
IAS	Institut d'Astrophysique Spatiale, Orsay
IAU	International Astronomical Union
IBDR	Instrument Baseline Design Review
IC	Imperial College
ICC	Instrument Control Centre
ICD	Interface Control Document
ICDR	Instrument Critical Design Review
ICL	Instrument Command Language
ICR	Infrastructure Change Request
ICS	Instrument Command Sequence
ICSTM	Imperial College of Science, Technology and Medicine
ICU	Instrument Control Unit
ID	Interface Document
IDA	
IDIS	(Planck) Integrated Data and Information System
IDR	Intermediate Design Review
IF	Intermediate Frequency
IFAR	Instrument Flight Acceptance Review
IFDU	Intermediate Frequency Distribution Unit
IFEM	Interface Finite Element Model
IFOP	Instrument Flight Operations Procedures
IFP	Intermediate Frequency Processor
IFSI	Instituto di Fisica dello Spazio Iterplanetario, Rome
IFSS	Intermediate Frequency and Spectrometer System
IHDR	Instrument Hardware Design Review
IID	Instrument Interface Document
ILT	Instrument Level Test
IMT	Instrument Monitoring Thermistors (HFI)
InP	Indium Phosphide semiconductor material
INTEGRAL	International Gamma-ray Astrophysics Laboratory
IPAC	(NASA/JPL) Infrared Processing and Analysis Center
IR	Infrared

IRAS	I nfrared A stronomical S atellite
IRD	I nterface R equirements D ocument
IRD	I nstrument R equirements D ocument
IRM	I mage R ejection M ixer
IRSKY	I nfrared S ky (software)
IRTS	I nfrared T elescope in S pace (Japanese space mission)
IRU	I nertial R eference U nit
ISCL	I nstrument S pecific C lass L ibraries
ISM	I nterstellar M edium
ISO	I nfrared S pace O bservatory
IST	I nstrument S ystem T est
ISVR	I nstrument S cience V erification R eview
ITT	I nvitation to T ender
JCMT	J ames C lerk M axwell T elescope
JFET	J unction F ield E ffect T ransistor
JPL	J et P ropulsion L aboratory
J-T	J oule- T hompson
KAI	K apteyn A stronomical I nstitute
KAL	K eep A live L ine
KAO	K uiper A irborne O bservatory
kbps	k ilobit p er s econd
KIP	K ey I nspection P oint
KOSMA	K öln O bservatorium für S ubmm- und mm - A stronomie
KU Leuven	K atholieke U niversiteit L euven
LAN	L ocal A rea N etwork
LAS	L aboratoire d' A stronomie S patiale, M arseille
LAT	L ot A cceptance T esting
LBV	L uminous B lue V ariable
LCDA	L auncher C oupled D ynamic A nalysis
LCL	L atch C urrent L imiter (HIFI)
LCU	L ocal O scillator C ontrol U nit
LED	L ight E mitting D iode
LEOP	L aunch and E arly O perations
LFI	L ow F requency I nstrument (Planck)
LGA	L ow- G ain A ntenna
LLS	L ow- L evel S oftware (LFI)
LMC	L arge M agellanic C loud
LNA	L ow N oise A mplifier
LO	L ocal O scillator
LOA	L ocal O scillator A ssembly
LOBT	L ocal O n- B oard T ime
LOS	L ine of S ight
LOU	L ocal O scillator U nit
LRP	L ong- R ange P lan
LRR	L aunch R eadiness R eview
LSA	L arge S outhern A rray
LSB	L east S ignificant B it
LSB	L ower S ide B and
LSU	L ocal O scillator S ynthesiser U nit (HIFI)
LTA	L ong T erm A rchive
LV	L aunch V ehicle
LVDE	L ow V ibration D rive E lectronics
LVDT	L inear V ariable D ifferential T ransducer
LW	L aunch W indow
LWS	L ong W avelength S pectrometer for I SO
LWU	L ocal O scillator W aveguide U nit (HIFI)

M3	Third Mirror in the optical train starting with the telescope primary
MA	Mixer Assembly
MAC	Modal Assurance Criterium
MCC	Mission Control Centre
MCM	Multi Chip Module
MCR	Model Change Request
MCS	Mission Control System
MDB	Mission Data Base
MEC	Mechanism Control
MEM	Maximum Entropy Method
MEOP	Maximum Expected Operating Pressure
MGSE	Mechanical Ground Support Equipment
MIB	Mission Information Base (database)
MIME	Multipurpose Internet Mail Extensions
MIP	Mandatory Inspection Point
MIP	Mission Implementation Plan
MIRD	Mission Implementation Requirements Document
MIRO	Microwave Radiometer Experiment on the ROSETTA Mission
MLI	Multilayer Insulation
MMA	Millimetre Array
MMB	Model Management Board
MMIC	Monolithic Microwave Integrated Circuit
MOC	Mission Operations Centre
MoI	Moment of Inertia
MOIS	Mission Operations Information System
MoM	Minutes of Meeting
MOS	Margin of Safety
MPAE	Max Planck-Institut für Aeronomie, Lindau
MPE	Max-Planck Institute für Extraterrestrische Physik, Garching
MPIA	Max-Planck Institute für Astronomie, Heidelberg
MPIfR	Max-Planck Institute für Radioastronomie, Bonn
MPPT	Maximum Power Point Tracking
MPS	Mission Planning Subsystem
MRB	Materials Review Board
MRD	Mission Requirements Document
MS	Microsoft
MSG	Meteosat Second Generation
MSSL	Mullard Space Science Laboratory
MT	Mission Timeline
MTBF	Mean Time Between Failures
MUX	Multiplexer
N/A	Not Applicable
NASA	National Aeronautics and Space Administration
NASTRAN	NASA Structural Analysis Tool
Nb	Niobium
NbTiN	Niobium Titanium Nitride
NCR	Non-Conformance Report
NCTRS	Network Control and Telemetry Relay System
NDIU	Network Data Interface Unit
NED	NASA/IPAC Extragalactic Database
NEFD	Noise Equivalent Flux Density
NEP	Noise Equivalent Power
NRT	Near-RealTime
NTD	Neutron Transmutation Doped
OB	Optical Bench
OBDH	On-board Data Handling (System)

OBS or OBSW	On-board Software
OBSM	On-board Software Monitoring System
OBT	On-Board Time
OD	Operational Day
ODB	Operational Database
ODBMS	Object Data Base Management System
ODD	On-demand Processed Data
ODIN	Swedish, French, Canadian mission for sub-mm astronomy and aeronomy
ODP	On-demand Processing
ODR	On-demand Processing Report
ODS	Orbital Disconnect Support
OFD	On the Fly processed Data
OFD	Operations Facilities Document
OFP	On the Fly Processing
OFR	On the Fly Processing Report
OGSE	Optical Ground Support Equipment
OIRD	Operations Interface Requirements Document
OMP	
OMT	Ortho Mode Transducer (LFI)
OO	Object Oriented
OOAD	Object Oriented Analysis and Design
OODBA	
OODBMS	Object Oriented Data Base Management System
OOL	Out-of-limits
OPD	Optical Path Difference
OSR	Optical Solar Reflector
OT	Open Time
OTAC	Observing Time Allocation Committee
OTF	On-Target Flag
OTF	On the Fly
OU	Optics Unit
OVRO	Owens Valley Radio Observatory
P/L	Payload
P2MDB	Proposal to Mission Data Base
PA	Product Assurance
PA	Performance Assurance
PACS	Photoconductor Array Camera and Spectrometer
PAH	Polycyclic Aromatic Hydrocarbon molecule
PCM	Pulse Code Modulation
PCS	Permanent Command Sequence
PCU	Power Control Unit
PDB	Proposal Data Base
PDD	Payload Definition Document
PDE	Pointing Drift Error
PDF	Portable Document Format
PDR	Photodissociation Region
PDR	Preliminary Design Review
PDS	Packet Delivery System
PDU	Power Distribution Unit
PER	Proposal Evaluation Report
PFM	Proto-Flight Model
p-HEMT	Pseudo-morphic High Electron Mobility Transistor
PHS	Proposal Handling Subsystem
PI	Principal Investigator
PID	Proportional, Integral, Derivative (controller)
PIN diode	P-type-Intrinsic-N-type diode, used in microwave switches and attenuators

PLL	Phase-Locked Loop , an aperture synthesis technique
PLM	Payload Module
PM	Project Manager
PM	Polarisation Maintaining optical fibre
PMD	Propellant Management Device
PN	Planetary Nebula
POF	Planned Observations File
PPARC	Particle Physics and Astronomy Research Council
PPLM	Planck Payload Module
PPN	Protoplanetary Nebula
PPS	Pre-Processing Subsystem
PR	Public Relations
PROM	Programmable Read-Only Memory
PS	Project Scientist
PSF	Planning Skeleton File
PSF	Point Spread Function
PSK	Phase Shift Keying
PSR	Project Support Room
PST	Project Scientist Team
PSU	Power Supply Unit (LFI, HFI)
PT	Product Tree
PUD	Pop-Up Detector
PUS	Packet Utilisation Standard
PV	Performance Verification
PVOP	Performance Verification Operations Plan
PWM	Pulse Width Modulation
QA	Quality Assurance
QAR	Quality Assessment Report
QCP	Quality Control Pipeline
QLA	Quick Look Assessment (software)
QM	Qualification Model
QMW	Queen Mary and Westfield College , London
QPD	Quality Processed Data
QSO	Quasi-Stellar Object
QTR	Qualification Test Review
R&D	Research and Development
RA	Right Ascension
RAA	Radiometer Array Assembly (LFI)
RAL	Rutherford Appleton Laboratory
RAM	Random Access Memory
RAS	Radiometer Assembly Structure (LFI)
RBI	Remote Bus Interface
RCS	Reaction Control Subsystem
RD	Reference Document
RE	Radiated Emission
REBA	Radiometer Electronics Box Assembly (LFI)
REU	Readout Electronics Unit (HFI)
RF	Radio Frequency
RFI	Radio Frequency Interference
RFW	Request for Waiver
RH	Reference Hole
RH	Relative Humidity
RHCP	Right Hand Circular Polarisation
RID	Review Item Discrepancy
RML	Recoverable Mass Loss
RMS	Root Mean Square

ROM	Read Only Memory
ROM	Rough Order of Magnitude
ROP	Routine Operations Plan
ROSETTA	ESA's 3rd cornerstone mission to rendezvous with a comet
RPE	Relative Pointing Error
RS	Radiated Susceptibility
RSS	Root Sum Squared
RT	Real-time
RTA	Real-time Assessment (software)
RTMM	Reduced Thermal Mathematical Model
RTU	Remote Terminal Unit
RUG	Rijks Universiteit Groningen
S/C	Spacecraft
S/N	Signal to Noise Ratio
S/S	Subsystem
S/W	Software
SA	Scientific Analysis
SA	Solar Array
SAA	Solar Aspect Angle
Sap	(CEA) Service d'Astrophysique, Saclay
SAS	Sun Acquisition Sensor
SAW	Surface Acoustic Wave , device used for microwave filters and delay lines
SBRAC	Single Bounce Reflective Array Compressor , a type of SAW dispersive filter
SCC	Sorption Cooler Compressor (LFI)
SCCE	Sorption Cooler Cold End (LFI)
SCE	Sorption Cooler Electronics (LFI)
SCEB	Sorption Cooler Electronic Box
SCET	Spacecraft Elapsed Time
SCL	Spacecraft Control Language
SCMP	Software Configuration Management Plan
SCOE	Spacecraft Check-Out Equipment
SCOM	Science Operations Manager
SCOS	Spacecraft Operating System
SCP	Sorption Cooler Pipes (LFI)
SCR	Software Change Request
SCS	Sorption Cooler Subsystem (LFI)
SCUBA	Submillimetre Common-User Bolometer Array
SDE	Software Development Environment
SDR	System Design Review
SDS	System Definition Study
SED	Spectral Energy Distribution
SEL	Spacecraft Event Log
SEU	Single Event Upset
SF	Safety Factor
SGS	Science Ground Segment
SHT	Spacecraft HSK Thermistors (HFI)
SIAT	System Integration and Acceptance Testing
SIMBAD	Set of Identifications, Measurements, and Bibliography for Astronomical Data
SIN	Straylight Induced Noise
SIP	Science Implementation Plan
SIRD	Science Implementation Requirements Document
SIRTF	Space Infrared Telescope Facility
SIS	Superconductor-Insulator-Superconductor
SIV	Software Independent Validation
SM	Structural Model
SMC	Small Magellanic Cloud

SMM	Structural Mathematical Model
SMP	Science Management Plan
SMPS	Scientific Mission Planning Strategy
SN	Supernova
SNR	Supernova Remnant
SOAP	State-of-the-Art Performance
SOB	Science Operations Board
SOC	Science Operations Centre
SOFIA	(NASA/DLR) Stratospheric Observatory for Infrared Astronomy
SOL	Sequenced Observation List
SOM	Spacecraft Operations Manager
SOR	SPIRE Optical Reference
SOVT	System Operation Validation Test
SOW	Statement of Work
SPACON	Spacecraft Controller
SPC	Science Programme Committee
SPF	Single Point Failure
SPG	Standard Product Generation (software)
SPIRE	Spectral and Photometric Imaging Receiver
SPL	Split Phase Level
SPMP	Software Project Management Plan
SPR	Software Problem Report
SPT	Spacecraft Powered Thermistors (HFI)
SPU	Signal Processing Unit
SPUD	Superconducting Pop-Up Detector
SQAP	Software Quality Assurance Plan
SQUID	Superconducting Quantum Interference Device
SRAM	Static Random Access Memory
SRD	Software Requirements Document
SRON	Space Research Organisation of the Netherlands
SRPE	Spatial Relative Pointing Error
SRR	Software Requirements Review
SRSD	Scientific Requirement Scheduling Document
SSAC	Space Science Advisory Committee
SSB	Single Side Band
SSD	Software Specification Document
SSD	Space Science Department
SSM	Second Surface Mirror
SSO	Solar System Object
SSR	Solid State Recorder
STA	Short Term Archive
STM	Structural/Thermal Model
STR	Star Tracker
SVF	Software Validation Facility
SVM	Service Module
SVS	Schedule Visualization Software
SVT	System Validation Test
SVVP	Software Verification and Validation Plan
SWAS	Submillimetre Wave Astronomy Satellite (NASA)
SWS	Short-Wavelength Spectrometer on ISO
TA	Technical Assistant
TA	Trend Analysis (software)
TA	Telescope Assembly
TAI	Temps Atomique International
TB	Thermal Balance
TBC	To be Confirmed

TBD	To be Determined
TC	Telecommand
TCS	Thermal Control System
TEB	Technical Evaluation Board
TEI	Test Equipment Interface
TES	Transition Edge Superconductor
TF	Test Factor
TM	Telemetry
TML	Total Mass Loss
TMM	Thermal Mathematical Model
TMP	Telemetry Processor
TOM	Thermo-Optical Model
ToO	Target of Opportunity
TRB	Technical Review Board
TRR	Test Readiness Review
TRRB	Test Readiness Review Board
TRW	A USA electronics company
TS	Technical Specification
TTC	Telemetry, Tracking and Command
TV	Thermal Vacuum
UF	Ultimate Factor of Safety
UIR	Unidentified Infrared
ULE	Ultra-Low Expansion
UML	Unified Modelling Language
UMOS	Ultimate Margin of Safety
UofS	University of Saskatchewan, Canada
URD	User Requirements Document
URR	User Requirements Review
USB	Upper Side Band
UTC	Universal Time Coordinated
UV	Ultraviolet
VC	Virtual Channel
VESPER	Venus Sounder for Planetary Exploration
Vilspa	Villafranca, Spain
VLBI	Very Long Baseline Interferometry
WBC	Wide-Band Spectrometer Control (HIFI)
WBI	Wide-Band Spectrometer IF processor (HIFI)
WBO	Wide-Band Spectrometer AOS (HIFI)
WBS	Work Breakdown Structure
WBS	Wide-Band Spectrometer
WBSPU	Wide Bandwidth Spectrometer Processing Unit
WCA	Worst Case Analysis
WERD	Warm Electronics Requirements Document
WFE	Wave-Front Error
WG	Wave Guide
WIH	Warm Interconnect Harness (HIFI, PACS, SPIRE)
WINFOPS	Windows-based Flight Operations Procedures writing tool
WP	Work Package
WPD	Work Package Description
WR	Wolf-Rayet
WWW	World Wide Web
XMM	X-ray Multi Mirror
YFOS	Yield Factor of Safety
YMOS	Yield Margin of Safety
YSO	Young Stellar Object
ZPD	Zero Path Difference