

WISE Acronym List

2MASS	Two Micron All Sky Survey
ACS	Attitude Control Subsystem
AFB	air force base
AFE	Annually-funded expenditure
AGN	Active Galactic Nucleus
AMB	Analog Monitors Board
AO	Announcement of Opportunity
ARC	anomaly resolution center
ASME	American Society of Mechanical Engineers
Astro-F	Experiment (IRIS)
ATLO	Assembly Test & Launch Operations
AXAF	Advanced X-ray Astronomical Facility
BASD	Ball Aerospace Systems Division
BATC	Ball Aerospace Technology Corporation
BIB	Blocked Impurity Band detectors
BOL	Beginning of life
C&DH	Command and Data Handling
CAD/CAM	computer-aided design/computer-aided manufacturing
CAM	Instrument on ISO
CAR	Cost Assessment Review
CCB	Change Control Board
CCSDS	Consultative Committee for Space Data Systems
CDM	Cold Dark Matter-model for Cosmological Structure Formation
CDR	Confirmation Design Review
CDR	Critical Design Review
CDS	Correlated Double Sampling
C _d Z _n T _e	Cadmium Zinc Telluride
CG	Center of gravity
CGN	Commercial Ground Network
CLAES	Cryogenic Limb Array Etalon Spectrometer
CMOS	Charge Metal Oxide Semiconductor
COBE	Cosmic Background Explorer
CON-X	Goddard/Ball Constellation X
COS	Cosmic Origin Spectrograph
COSTAR	Corrective Optics Space Telescope Axial Replacement
COTS	Commercial Off The Shelf
CPU	Central processing unit
CSC	California Science Center
CSEOL	Center Study Evolution Origin of Life Thermal System
CSSR	Contractual status reports
CTA	cold telescope assembly
CVCM	Collected Volatile Condensable Materials
DEB	Digital Electronics Box
DI	Data Interface
D/L	Down link
DARPA	Defense Advanced Research Projects Agency

WISE Acronym List

DARPASAT	DARPA Satellite
DC	Data Collection
DENIS	Deep Extragalactic near Infrared Sky Survey
DIRBE	Diffuse Infrared Background Experiment
DLT	Digital Linear Tape
DPAF	Dual Payload Attach Fitting
DPA's	Destructive Physical Analyses
DPB	Data Processing Board
EAC	estimate at completion
EEE	Electrical, Electronic, & Electromechanical
EEIS	End-to-end Information System
EMC	Electromagnetic compatibility
EMI	Electromagnetic interference
EOL	End of life
EPO	Education, Public Outreach
ESA	European Space Agency
ESSP	Earth System Science Payload
ETU	Engineering Test Unit
EU	Engineering Unit
EUVE	Extreme Ultra Violet Explorer
EWR	Eastern and Western Range
FAST	Fast Auroral Snapshot
FDC	Frame Duty Cycle
FEB	Focal Plane Electronics Box
FEM	Finite Element Model
FITS	Flexible Image Transport System
FMEA	failure mode effects analysis
FOT	Flight Operations Team
FOV	Field of view
FPA	Focal plane array
FPMA	Focal Plane Module Assembly
FRD	Facility (Functional) Requirements Document
FSM	Flight System Manager
FSW	Flight software
FTE	Full Time Equivalent Workyears
FTP	File Transfer Protocol
FUSE	Far Ultraviolet Spectroscopic Explorer
FWHM	Full width at half maximum
GALEX	GALexy evolution EXplorer
Gbit/s	Giga-bit/s (10^9 bits)
GD165B	A Brown Dwarf
GDS	Ground Data System
GEVS	guidelines
GFO	Geosat Follow On Project
GIDEP	Government-Industry Data Exchange Program
GL229B	Gliese 229B (a Brown Dwarf)

WISE Acronym List

GLAS	Geo Science Laser Altimeter System
GLAST	Gamma Ray Large Area Space Telescope
GPS	Global Positioning System
GRACE	Gravity Recovery and Climate Experiment
GSE	Ground support equipment
GSFC	Goddard Space Flight Center
GUI	graphical user interface
HAWAII	type of Boeing multiplexer
HDF	Hubble Deep Field
HGA	High gain antenna
H _g C _d T _e	Mercury Cadmium Telluride
HPG	handbook planning guide
Hz	Hertz
I&T	Integration & test
I/O	Input/Output
ICD	Interface Control Document
ICESat	Ice, Cloud and Land Elevation Satellite
ICIS	Integrated cryostat imaging subsystem
ICR	Initial Confirmation Review
IIVD	Inflight Instrument Verification Data
IM	Instrument Manager
IOC	In-Orbit Checkout
IOS	Imaging Optics Subsystem
IPAC	Infrared Processing and Analysis Center
IPL	integrated parts list
IR	Infrared
IR&D	Independent Research and Development
IRAS	Infrared Astronomical Satellite
IRSA	InfraRed Science Archive
IRT	Independent Review Team
IS	Imaging System
ISES	Instrument Support Electronics System
ISM	Inter Stellar Medium
ISO	Infrared Space Observatory
ISO9001	International Standards Organization
ITOS	Integrated Test & Operations System
JPL	Jet Propulsion Laboratory
LCAP	Laser Cooling Atomic Physics
LHS	Lawrence Hall of Science
LIDAR	Laser Imager Detection and Ranging
LVDS	Low Voltage Differential Sipral
LMATC	Lockheed Martin Advanced Technology Center
LMMS	Lockheed Martin Missiles & Space
LUPI	Long Unequal Path Interferometer
LV	Launch vehicle
M&P	Materials and Processes

WISE Acronym List

MAG	Midex assurance guidelines
MAP	Microwave Anisotropy Probe
MAR	Midex assurance requirements
MBE	Molecular Beam Epitaxy
Mbps	Mega-bits per second (10^6 bits per second)
MCC	Mission Control Center
MCDL	Master Control Document List
MCT	Mercury Cadmium Telluride ($H_g C_d T_e$)
MDP	Maximum Design Pressure
MEB	Monitor Electronics Box
MIC	1, 2, &3-Multifunction Infrared Calibrators
MIDEX	Medium Size Explorer Project
MIL-STD	Military Standard
MIPS	Multi-band Imaging Photometer System
MIT	Massachusetts Institute of Technology
MLI	Multilayer Insulation
MOU	Memorandum of Understanding
MPS	Mission Planning System
MRB	materials review board
MSET	Mission System Eng. Team
MSPSP	Missile System Prelaunch Safety Package
MSX	Midcourse Space Experiment (SPIRIT III)
MTI	Multi-spectral Thermal Imager
MTS	mass tracking system
NASA	National Aeronautics and Space Administration
NASM	National Air and Space Museum
NDI	Normalized Detector Irradiance
NGSS	Next Generation Sky Survey
NGST	Next Generation Space Telescope
NHB	National Handbook
NICMOS	Near Infrared Camera/ Multi-Object Spectrometer
NMC	Network Managent Center
OE	Operations Engineer
P/FR	problem failure report
PA	Product assurance
PAH	Polycyclic Aromatic Hydrocarbon
PCS	Payload Coordinate System
PDR	Preliminary Design Review
PER	Performance Evaluation Review
PESR	Project Element Status Report
PHA	Potentially Hazardous Asteroid
PI	Principal Investigator
PIPAP	Payload Implementation and Product Assurance Plan
PM	Proposal Manager
PMS	Polar Mesospheric Surveyor
POSS	Palomar Observatory Sky Survey

WISE Acronym List

PPF	Payload Processing Facility
PSB	Power Supply Board
PSC	Point Source Catalog
PSE	Project System Engineer
PSF	Point Spread Function
PSR	Project Status Report
PWB	Printed Wiring board
QA	quality assurance
QB	Quick Bird
QSO	Quasi-Stellar Object
QuickSCAT	Quick Scatterometer Project
Radarsat	A Canadian Synthetic Aperture
REC/DEL	receivable/deliverables
RF	Radio frequency
RFA	Request For Action
RGA	residual gas analyzer
RGS	Remote Ground Station
RME	Relay Mirror Experiment
RMS	root mean square
ROIC	Read-Out Integrated Circuit
RRS	test dewar
RS2000	S/C Bus
RSC	Rockwell's Science Center
RSS	Rockwell Semiconductor Systems Division
RTC	Boeing Research and Technology Center
S&MA	Safety & Mission Assurance
S/C	Spacecraft
SCIB	Spacecraft Intereface Board
SAA	South Atlantic Anomaly
SAGE III	Stratospheric Aerosol Gas Experiment
SAR	Synthetic Aperture Radar
SBRC	Santa Barbara Research Center
SDIO	Space Defense Initiative Office
SDL	Space Dynamics Laboratory
SDP	Science Data Processing
SDSS	Sloan Digital Sky Survey
SEGway	Science Education Gateway
SELVS	Small Expendable Launch Vehicle
SFD	Source Follower per Detector
Si:As	Arsenicdoped Silicon
SIRTF	Space Infrared Telescope Facility
SKICAT	Sky Image Cataloging and Analysis Tool
SLC	2MST
SMEX	Small Explorers Program
SMV	Science Museum of Virginia
SNR	Signal to noise ratio

WISE Acronym List

SOC	Shared Operations Center
SODA	Science Operations & Data Analysis
SPIRIT III	Spectral InfraRed Interferometer Telescope III
SQA	Software Quality Assurance
SDL	Space Dynamics Laboratory
SRL	Significant Risk List
SSC	Serendipitous survey catalog
SSE	Spacecraft System Engineer
SSL	Space Sciences Laboratories
SSM	Spacecraft System Manager
SSR	Solid State Recorder
STDN	Space Tracking and Data Network
STIS	Space Telescope Imaging Spectrometer
STS	Shuttle Transportation System
SWAS	Submillimeter Wave Astronomy Satellite
SWS	Short Wave Spectrometer
SWTB	software test bench
TAS	Telescope Assembly Subsystem
TES	Tropospheric Emission Spectrometer
TGB	Timing Generation Board
TIF	Telescope Interface Flange
TIM	Technical Interchange Meeting
TIMED	Thermal Ionosphere Mesosphere Energetics Dynamics Mission
TIS	Telescope Imaging System
TLM	Telemetry
TM	Telemetry
TML	Total Mass Loss
TPF	Terrestrial Planet Finder
TPMs	technical performance measures
TRACE	Transition Region and Coronal Explorer
U/L	Up link
UCB	University of California at Berkeley
UCG	Uppsala Catalog of Galaxies
UKIRT	United Kingdom Infrared Telescope
ULIRG	UltraLuminous Infrared Galaxies
USAF	United States Air Force
USN	Universal Space Network
USU	Utah State University
UV	Ultraviolet
μ Jy	Micro-Jansky
V	Volts
V/T	Voltage/Time
VAFB	Vandenberg Air Force Base
VC	Virtual Channels
VCL	Vegetation Canopy LIDAR
WAN	Wide Area Net

WISE Acronym List

WBS	Work Breakdown Structure
WIRE	Wide Field Infrared Explorer
WWW	World Wide Web
XCATSCAN	Catalog Scanner (web-based database search engine)