

Appendix C: Acronyms

ACS	Attitude Control System
AFF	Autonomous Formation Flying
APS	Active Pixel Sensing
AU	Astronomical Unit
CCD	Charge Coupled Device
CFHT	Canada-France-Hawaii Telescope
COBE	Cosmic Background Explorer
COMPLEX	Committee on Planetary and Lunar Exploration
DSN	Deep Space Network
EELV	Evolved Expendable Launch Vehicle
EP	Electric Propulsion
ESA	European Space Agency
ESO	European Southern Observatory
ExNPS	Exploration of Neighboring Planetary Systems
FIRST	Far Infrared and Submillimeter Telescope
FSM	Fast Steering Mirror
FWHM	Full Width Half Maximum
HET	Hall Effect Thruster
HLV-G	Heavy Lift Vehicle - G
HRG	Hemispherical Resonator Gyro
HST	Hubble Space Telescope
IFOG	Interferometric Fiber Optic Gyro
I&T	Integration and Test
IR	Infrared
IRAS	Infrared Astronomical Satellite
IRSI	Infrared Space Interferometer
ISO-SWS	Infrared Space Observatory – Short Wavelength Spectrometer
JCMT	James Clerk Maxwell Telescope
LBT	Large Binocular Telescope
MACHO	Massive Compact Halo Object
MACOS	Modelling and Analysis for Controlled Optical Systems

MIT	Massachusetts Institute of Technology
MLI	Multi-layer Insulation
MLV	Medium Launch Vehicle
NGST	Next Generation Space Telescope
NICMOS	Near Infrared Camera Multi-Object Spectrometer
NIMS	Near Infrared Mapping Spectrometer
NOAA	National Oceanic and Atmospheric Administration
NRC	National Research Council
ODL	Optical Delay Line
OTA	Optical Telescope Assembly
PAH	Polycyclic Aromatic Hydrocarbon
PMEL	Pacific Marine Environmental Laboratory
PPT	Pulsed-plasma Thruster
PTI	Palomar Testbed Interferometer
RF	Radio Frequency
RLV	Reusable Launch Vehicle
SCUBA	Submillimetre Common User Bolometer Array (for the JCMT)
SED	Spectral Energy Distribution
SIM	Space Interferometry Mission
SIRTF	Space Infrared Telescope Facility
SRM	Solid Rocket Motor
ST-3	Space Technology 3
STScI	Space Telescope Science Institute
TOPS	Toward Other Planetary Systems
TPF	Terrestrial Planet Finder
VLBA	Very Long Baseline Array
VLT	Very Large Telescope