

List of acronyms and abbreviations.

A/D	analog to digital
ABG	gyro measured body angle
ABM	apogee boost motor
ac	alternating current
ACS	attitude control subsystem
AM	amplitude modulation
ANC	automatic nutation control
AS	analog subcommutator
BLT	Greenbelt tracking station
BOL	beginning of life
CCIL	Control center Interactive Language
CEA	control electronics assembly
CEB	control electronics box
CEM	camera electronics module
CHM	camera head module
CPM	central processing module
CPU	central processing unit
CRU	command relay unit
CSIM	camera supply interface module
CSIU	camera system interface unit
CSS	course sun sensor
DAC	digital to analog converter
dc	direct current
DDPS	Digital Data Processing System
DEC	Digital Electronics Corporation
DET	Direct Energy Transfer
DKLP	camera deck near longwave prime temperature
DKSP	camera deck near shortwave prime temperature
DMA	direct memory access
DMU	data multiplexer unit
DS	digital subcommutator
DWG	digital word gate
ECU	electronics control unit
EDS	experiment display system
EEA	experiment electronics assembly
EOL	end of life
ESA	European Space Agency
ESTEC	European Space and Technology Center
EV	engine valve
EVCL	engine valve command logic
FES	fine error sensor
FM	frequency modulation
FOD	Flight Operations Directive
FOV	field of view
FPM	flux particle monitor

FSS	fine sun sensors
GSFC	Goddard Space Flight Center
HAPS	Hydrazine Auxiliary Propulsion System
HTE	high-thrust engine
HVPS	high voltage power supply
I/O	input/output
IOR	interrupt override register
IRA	inertial reference assembly
ISR	interrupt register storage
ITF	intensity transfer function
IUE	International Ultraviolet Explorer
IUEOCC	IUE Operations Control Center
LOS	loss of signal
LSB	least significant bit
LSR	lockout status register
LTE	low-thrust engine
LWP	long wavelength prime
LWR	long wavelength redundant
MAM	mission adapter module
MER	Mission Equipment Room
MOR	Mission Operations Room
MSB	most significant bit
MTBF	mean time between failure
MXR	multiplex ratio
NASA	National Aeronautics and Space Administration
NEP	North Ecliptic Pole
NSA	nutation sensor assembly
OBC	onboard computer
PAS	panoramic attitude sensor
PM	phase modulation
PROC	procedure
PSE	power supply electronics
R&RR	range and range rate
REM	remote engine module
RF	radio frequency
ROM	read-only memory
RW	reaction wheel
S/C	spacecraft
SCL	scan control logic
SDC	serial digital command
SEC	secondary electron conduction
SI	scientific instrument
SIO	special input/output
SOC	Scientific Operations Center
SRATE	data sample rate
SU	sensor unit
SWP	short wavelength prime

SWR	short wavelength redundant
TDM	time division multiplexing
TE	track enable
THD	threshold
THDA	camera head amplifier temperature
THS	telemetry handling system
TLM	telemetry
UV	ultraviolet
UVC	ultraviolet to visible converter
VAM	variable address memory
VCO	voltage controlled oscillator
vhf	very high frequency
VILSPA	Villafranca, Spain European Control Center
WDA	wheel drive assembly