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ACRONYMS AND ABBREVIATIONS

A/L	airlock
AAA	Avionics Air Assembly
ABC	Audio Bus Coupler
ACBM	Active Common Berthing Mechanism
ACS	Atmosphere Control System Atmosphere Control and Supply Attitude Control Subsystem
AD	Active Device
AFD	Aft Flight Deck
AOH	Assembly Operations Handbook
APAS	Androgynous Peripheral Assembly Systems
APCU	Assembly Power Converter Unit
APDS	Androgynous Peripheral Docking System
APFR	Articulating Portable Foot Restraint
APM	Attached Pressurized Module
AR	Atmosphere Revitalization
ARCU	American-to-Russian Power Control Unit
ARS	Air Revitalization System
ASCR	Assured Safe Crew Return
ASV	Air Selector Valve
ATCS	Active Thermal Control System
ATU	Audio Terminal Unit
ATV	Automated Transfer Vehicle
AUAI	ACS/UCS Audio Interface
AV	Avionics
AVV	Air Vent Valve
BBA	Baseplate Ballast Assembly
BC	Bus Controller
BDT	Binary Data Transfer
BIA	Bus Interface Adapter
BIT	Built-In Test
BMR	Body-Mounted Radiator
BPDU	Bitstream Protocol Data Unit
BPSMU	Battery Powered Speaker/Mike Unit
BSP	Baseband Signal Processor
C&C	Command and Control
C&DH	Command and Data Handling
C&M	Control and Monitor
C&T	Communication and Tracking
C&W	Caution and Warning
CADU	Channel Access Data Unit
CB	Command Bus
CBM	Common Berthing Mechanism

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CCAA	Common Cabin Air Assembly
CCDB	Configuration Control Data Bases
CCH	Crew Communication Headset
CCHA	Crew Communication Headset Assembly
CCSDS	Consultative Committee for Space Data Systems
CCTV	Closed-Circuit Television
CDR	Contract Data Requirement
CDRA	Carbon Dioxide Removal Assembly
CETA	Crew and Equipment Translation Aid
CHeCS	Crew Health Care System
CHX	Condensing Heat Exchanger
CID	Circuit Interrupt Device
CIL	Critical Items List
CMG	Control Moment Gyro
CNPMS	Current Navigational Parameters Measurement System
CPS	Cabin Pressure Sensor
CRT	Cathode-Ray Tube
CRV	Crew Return Vehicle
CSCI	Computer Software Configuration Item
CSV	Carbon Dioxide Selector Valve
CTP	Command and Telemetry Processor
CTV	Crew Transfer Vehicle
CVIU	Common Video Interface Unit
CVT	Current Value Table
CVV	Carbon Dioxide Vent Valve
CWC	Contingency Water Collection
CWP	Caution and Warning Panel
DAIU	Docked Audio Interface Unit
DAP	Digital Auto Pilot
DCSU	Direct Current Switching Unit
DDCU	DC to DC Converter Unit
DDP	Design Decision Package
DDT&E	Design, Development, Test and Engineering/Evaluation
DMCU	Docking Mechanism Control Unit
DRAM	Dynamic Random Access Memory
DSCU	Docking System Control Unit
DSM	Docking Storage Module
DSP	Digital Signal Processor
EA	Electronics Assembly
Early Comm	Early Communications
EATC	External Active Thermal Control
EATCS	External Active Thermal Control System
ECLSS	Environmental Control and Life Support System
EDP	Electronic Document Project

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EEATCS	Early External Active Thermal Control System
EEL	Emergency Egress Lighting
EEPROM	Electrically Erasable Programmable Read-Only Memory
EETCS	Early External Thermal Control System
EF	Exposed Facility
EFGF	Electrical Flight Grapple Fixture
EIA	Electrical Interface Assembly
EIB	Electrical Interface Box
ELPS	Emergency Lighting Power Source
ELS	Emergency Lighting Strip
EMF	Electromagnetic Force
EMI	Electromagnetic Interference
EMU	Extravehicular Mobility Unit
EPCE	Electrical Power Consuming Equipment
EPCS	Early Portable Computer System
EPS	Electrical Power System
ERA	European Robotic Arm
ETI	Elapsed Time Indicator
ETRO	Estimated Time of Return to Operation
EV	Extravehicular
EVA	Extravehicular Activity
EVAS	EVA System
EXPRESS	Expediting the Process of Experiments to the Space Station
FCV	Flow Control Valve
FCT	Flight Control Team
FD	Flight Day
FDF	Flight Data File
FDIR	Fault Detection, Isolation, and Recovery
FDS	Fire Detection and Suppression
FGB	Functional Cargo Block
	Functional Energy Block (Russian)
FQDC	Fluid Quick Disconnect Coupling
FRGF	Flight Releasable Grapple Fixture
FRR	Flight Readiness Review
FSE	Flight Support Equipment (Environment)
FSS	Fluid Servicing System
GFE	Government-Furnished Equipment
GFI	Ground Fault Interrupter
GLA	General Luminaire Assembly
GN&C	Guidance, Navigation, and Control
GLONASS	Global Navigational Satellite System
GPC	General Purpose Computer
GPS	Global Positioning System
GSFC	Goddard Space Flight Center

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H/W	Hardware
HCU	Headset Control Unit
HDR	High Data Rate
HEC	Headset Extension Cable
HEPA	High Efficiency Particulate Air
HGA	High Gain Antenna
HIC	Headset Interface Cable
HT	High Temperature
HX	Heat Exchanger
I/F	Interface
I/O	Input/Output
IAC	Internal Audio Controller
IAS	Internal Audio System
IATC	Internal Active Thermal Control
ICD	Interface Control Document
IDR	Incremental Design Review
IFHX	Interface Heat Exchanger
IG	Inner Gimbal
IMV	Intermodule Ventilation
INT	Internal
IOCU	Input/Output Controller Unit
IOS	Integrated Operation Scenario
IP	International Partner
IRD	Interface Requirement Document
ISPR	International Standard Payload Rack
ISA	Inertial Sensor Assembly
ISS	International Space Station
ITCS	Internal Thermal Control System
ITS	Integrated Truss Segment
IV	Intravehicular
IVA	Intravehicular Activity
IVDS	Internal Video Distribution Subsystem
IVS	Internal Video System
JEM	Japanese Experiment Module
JOP	Joint Operation Panel
JSC	Lyndon B. Johnson Space Center
Kbps	Kilobytes per second
kg	kilogram
km	kilometer
KSC	Kennedy Space Center
Lab	Laboratory
LCA	Loop Crossover Assembly
LCC	Launch Commit Criteria

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LDI	Local Data Interface
LDR	Low Data Rate
LDT	Loads and Dynamics Team
LED	Light-Emitting Diode
LGA	Low Gain Antenna
LHA	Lamp Housing Assembly
LLA	Low Level Analog
LP	Launch Package
LSAR	Logistics Support Analysis Report
LSS	Life Support System
LT	Low Temperature
LTA	Launch to Activation
LTL	Low Temperature Loop
M/OD	Meteoroid/Orbital Debris
MA	Mechanical Assembly
Mbps	megabytes per second
MBSU	Main Bus Switching Unit
MCA	Major Constituent Analyzer
MCS	Motion Control System
MCC-H	Mission Control Center-Houston
MCC-M	Mission Control Center-Moscow
MCDS	Multifunction CRT Display System
MDF	Minimum Duration Flight
MDM	Multiplexer/Demultiplexer
MET	Mission Elapsed Time
MFCV	Manual Flow Control Valve
MILA	Merritt Island Launch Area
MIP	Mission Integration Plan
MLI	Multi-Layer Insulation
mm	millimeter
MM/OD	Micro Meteoroid/Orbital Debris
MMU	Mass Memory Unit
MOD	Mission Operations Directorate
MPDU	Multiplexer Protocol Data Unit
MPEV	Manual Pressure Equalization Valve
MPLM	Mini Pressurized Logistics Module
	Multi-Purpose Logistics Module
MPM	Manipulator Positioning Mechanism
MRL	Manipulator Retention Latch
MRS BS	Mobile Remote Servicer Base Structure
ms	milliseconds
MSD	Mass Storage Device
MSS	Mobile Servicing System
MT	Mobile Transporter
	Moderate Temperature

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MTL	Moderate Temperature Loop
MUE	MDM Utilities Extension
μs	microseconds
n. mi.	nautical mile
NASA	National Aeronautics and Space Administration
NCS	Node Control Software
NPRV	Negative Pressure Relief Valve
NPV	Nonpropulsive Vent
NSP	Network Signal Processor
OCAD	Operational Control Agreement Document
OCC	Onboard Complex Control
OCCS	Onboard Complex Control System
ODF	Onboard Data File
ODS	Orbiter Docking System
OG	Outer Gimbal
OIU	Orbiter Interface Unit
OSD	Operations Support Department
OSTP	Onboard Short Term Plan
OSVS	Orbiter Space Vision System
P&S	Pointing and Support
P/L	Payload
P6	Port 6
PAD	PFR Attachment Device
PAV	Process Air Valve
PBA	Portable Breathing Apparatus
PCA	Pressure Control Assembly
PCBM	Passive Common Berthing Mechanism
PCIA	Portable Computer Interface Adapter
PCMMU	Pulse Code Modulation Master Unit
PCN	Page Change Notice
PCP	Pressure Control Panel
PCR	Portable Computer Receptacle
PCS	Portable Computer System
PD	Physical Device
PDGF	Lab Power Data Grapple Fixture
PDI	Payload Data Interleaver Payload Data Interface Panel
PDIP	Payload Data Interface Panel
PDRS	Payload Deployment and Retrieval System
PFCS	Pump and Flow Control Subassembly
PFE	Portable Fire Extinguisher
PFMC	Pump Fan/Motor Controller
PFR	Portable Foot Restraint
PG	Product Group

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PGSC	Payload General Support Computer
PIDS	Prime Item Development Specifications
PLB	Payload Bay
PM	Pressurized Module
PMA	Pressurized Mating Adapter
PMCA	Power Management Control Application
PMCU	Power Management Controller Unit
POST	Power-On Self-Test
PPA	Pump Package Assembly
PPL	Pre-Positioned Load
PPRV	Positive Pressure Relief Valve
PRCS	Primary Reaction Control System
PRLA	Payload Retention Latch Assembly
psid	pounds per square inch differential
psig	pounds per square inch gauge
PSP	Payload Signal Processor
PSS	Power Supply System
PTB	Payload Timing Buffer
PTCS	Passive Thermal Control System
PVCA	Photovoltaic Controller Application
PVCU	Photovoltaic Control Unit
RACU	Remote Acquisition and Command Unit
	Russian-to-American Converter Unit
RAIU	Russian Audio Interface Unit
RAMV	Rheostat Air Mix Valve
RCS	Reaction Control System
RF	Radio Frequency
RFPDB	RF/Power Distribution Box
RHC	Rotational Hand Controller
RMS	Remote Manipulator System
ROEU	Remotely Operated Electrical Umbilical
ROS	Russian On-Orbit Segment
RPC	Remote Power Controller
RPCM	Remote Power Controller Mode
RPDA	Remote Power Distribution Assembly
RS	Remote Station
	Russian Segment
RSA	Russian Space Agency
RSCC	RS Central Computer
RSOS	Russian On-Orbit Segment
RT	Remote Terminal
RTL	Ready to Latch
S/W	Software
S0	Starboard-zero

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S1	Starboard-one
SARJ	Solar Array Rotary Joint
SASA	S-Band Antenna Support Assembly
SCI	Signal Conditioning Interface
SCU	Synchronization and Control Unit
SDA	Sample Distribution Assembly
SDO	Solenoid Driver
SDS	Sample Delivery System
SEPS	Secondary Electrical Power System
SFCA	System Flow Control Assembly
SIR	Stage Integration Review
SLP	Spacelab-Pallet
SM	Service Module
SMA	Sensor Module Assembly
SMC	Station Management and Control
SPDA	Secondary Power Distribution Assembly
SPDM	Special Purpose Dexterous Manipulator
SPDU	Station Power Distribution Unit
SPP	Science Power Platforms
SRAM	Static Random Access Memory
SRCA	System Remote Control Assembly
SRMS	Shuttle Remote Manipulator System
SRP	Safety Review Panel
SSAF	S-Band Single Access Forward
SSAS	Segment-to-Segment Attachment System
SSOR	Space-to-Space Orbiter Radio
SSP	Standard Switch Panel
SSRMS	Space Station Remote Manipulator System
SSSH	Space Shuttle Systems Handbook
SSSR	Space to Space Station Radio
STS	Shuttle Program
TB	Talk-Back
TBD	To be Determined
TC	Terminal Computer
TCCS	Trace Contaminant Control Subassembly
TCCV	Temperature Control and Check Valve
TCS	Thermal Control System
	Trajectory Control Sensor
TDRS	Tracking and Data Relay Satellite
TDRSS	Tracking and Data Relay Satellite System
TEA	Torque Equilibrium Attitude
THC	Temperature and Humidity Control
	Translational Hand Controller
TMA	Torquer Motor Assembly
TMSS	Thermal Mode Control System

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TP	Tone Processor
TRA	Transmitter/Receiver Assembly
TRC	Transmitter/Receiver/Controller
U.S.	United States
UDM	Universal Docking Module
UHF	Ultrahigh Frequency
UOP	Utilization Outlet Panel
UPLU	Universal Program Logic Unit
USA	United Space Alliance
USL	U.S. Lab
USOS	U.S. On-Orbit Segment
VAJ	Vacuum Access Jumper
VAP	Vacuum Access Port
VCDU	Virtual Channel Data Unit
VDS	Video Distribution System
VES/VRS	Vacuum Exhaust/Resource System
VRA	Vent Relief Assembly
VRCV	Vent and Relief Control Valve
VRIV	Vent and Relief Isolation Valve
VSC	Video Signal Converter
VSU	Video Switching Unit
VTs	Video Teleconferencing System
WIF	Worksite Interface
WRM	Water Recovery and Management
WVA	Water Vent Assembly
WS	Water Separator
WSC	White Sands Complex
WSS	Workstation Stanchion
XPNDR	Transponder
Z1	Zenith 1