

Section 15 - Acronym List

A/G	Air to Ground
ACT	a Russian certification statement
AD	Accompanying Documentation
ADV	Advanced Technology
AIT	Analysis and Integration Team
ALIS	Analysis of Critical Liquids in Space
AMERD	Astronaut Medical Evaluation Requirements Document
APAS	Androgynous Peripheral Assembly System
APDA	Androgynous Peripheral Docking Assembly
APU	Air Pressurization Unit
AT	Acceptance Test
BCAT	Binary Colloid Alloy Test
BDC	Baseline Data Collection
BNA	Boeing North American
BPA	Nitrogen Purge Unit
BTS	Biotechnology System
BVK	Vacuum Valve Unit
CC	Crew Commander
CCB	Configuration Control Board
cfm	cubic feet per minute
CFM	Candle Flame in Microgravity
CHAPAT	Active Dosimetry of Charged Particles
CNES	French Space Agency
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
COFR	Certificate of Flight Readiness
COSS	Crew On-Orbit Support Systems
CR	Cosmonaut Researcher
CWC	Contingency Water Container
DARA	German Space Agency
DCAM	Dialysis Crystallization Apparatus for Microgravity
DFRC	Dryden Flight Research Center
DID	Dimensional Installation Drawings
DM	Docking Module

DMT	Decreed Moscow Time
DOR	Director of Operation, Russia
EDA	External Dosimeter Array
EDLS	Enhanced Dynamic Load Sensors
EDV	Storage Tank
EID	Electrical Interface Drawing
EMU	Extravehicular Mobility Unit
ES	Earth Sciences
ESA	European Space Agency
ESC	Electronic Still Camera
EVA	Extravehicular Activity
FB	Fundamental Biology
FE	Flight Engineer
FEPC	Flight Equipment Processing Contract
FES	Flash Evaporator System
FFFT	Forced Flow Flame Spreading Test
FS	Flight Surgeon
GBx	Glove Box
GCTC	Gagarin Cosmonaut Training Center
GN	Gaseous Nitrogen
HLS	Human Life Sciences
HMST	Hazardous Material Summary Table
IBMP	Institute for Biomedical Problems
ICD	Interface Control Document
ICE	Interface Configuration Experiment
IELK	Individual Equipment and Liner Kit
IPRD	Integrated Payload Requirements Document
IPT	Integrated Product Team
IRMIS	Iodine Removal and Mineral Injection System
ISS	International Space Station
ISSP	International Space Station Program
IVA	Intravehicular Activity
JSAWG	Joint Safety Assurance Working Group
JSC	Johnson Space Center
KSC	Kennedy Space Center
lb	pounds
LDM	Long Duration Mission
LiOH	Lithium Hydroxide

LPS	Liquid Phase Sintering
MCC	Mission Control Center
MCC-H	Mission Control Center - Houston
MCC-M	Mission Control Center - Moscow
MEEP	<i>Mir</i> Environmental Effects Payload
MG	Microgravity
MGBx	Microgravity Glove Box
MIM	Microgravity Isolation Mount
MIPS-2	<i>Mir</i> Interface Payload System
MiSDE	<i>Mir</i> Structural Dynamics Experiment
mmHg	millimeters of Mercury
MMO	Mission Management Office
MOD	Mission Operations Directorate
MOIWG	Mission Operations Integration Working Group
MOST	<i>Mir</i> Operations Support Team
MS	Mission Specialist
MSDS	Material Safety Data Sheets
MSMK	<i>Mir</i> Supplemental Medical Kit
MSRD	Mission Science Requirements Document
MSRE	<i>Mir</i> Sample Return Equipment
MSWG	Mission Science Working Group
MT3	Flight Integration Office at JSC
MVAK	Module Vertical Access Kit
N ₂	Nitrogen
NASA	National Aeronautics and Space Administration
nms	newton - meter - seconds
NSTS	National Space Transportation System
O ₂	Oxygen
ODS	Orbiter Docking System
OMS	Orbital Maneuvering Subsystem
ONS	Off-Nominal Situation
OPM	Optical Properties Monitor
OS	Orbital Station
OV	Orbiter Vehicle
P1RD	Phase 1 Requirements Document
PDRS	Payload Deployment and Retrieval System
PED	Payload Experiment Developers

PGOC	Payload Ground Operations Contractor
PI	Principle Investigator
PIE	Particle Impact Experiment
PIPS	Payload Integration Planning System
PL	Payload
POSA	Payload Operations Support Area
PRCS	Primary Reaction Control System
PS	passport
psia	pounds per square inch absolute
PSRP	Payload Safety Review Panel
PUP	Payload Utility Panel
PWQ	Process Waste Questionnaire
QUELD II	Queen's University Experiment in Liquid Diffusion
RCS	Reaction Control System
RNDZ/PROX/OPS	Rendezvous/Proximity Operations
RIO	Russia Interface Officer
RMS	Remote Manipulator System
RR	Replan Request
RSA	Russian Space Agency
RSC-E	Rocket Space Corporation - Energia
SAFER	Simplified Aid for EVA Rescue
SAMS	Space Acceleration Measurement System
SAR	Safety Analysis Report
SCAT	Spaceflight Cognitive Test
SIWG	Systems Integration Working Group
SMP	Space Medicine Program
SOIFW	Shuttle Orbiter In-Flight Food Warmer
SPPF	Spacehab Payload Processing Facility
SPSR	Space Portable Spectral Reflectometer
SS	Space Sciences
SSPF	Space Station Processing Facility
STS	Space Transportation System
SVS	Space Vision System
SWC	Solid Waste Container
TCS	Trajectory Control Sensor
TEF	Thermoelectric Freezer
TEHOF	Thermoelectric Holding Facility
TEM	Technological Evaluation of the MIM

TEPC	Tissue-equivalent Proportional Counter
TLD	Thermo Luminescence Dosimeter
TORU	Teleoperator mode
TsUP	Mission Control Center-Kaliningrad (MCC-M)
TV	Television
USA	United States of America
VB-3	Onboard Exercise Training Equipment
VHF	Very High Frequency
WETF	Weightless Environment Training Facility
WG	Working Group
БКВ-3	Air Conditioning Unit
БМП	Contaminants Filtering Unit
БО	Habitation Module
БОВа	On-board Air Dehumidifier, Autonomous
ГМО	Medical Support Group
ДОН-17КС	<i>Mir</i> Core Module Integrated Simulator
ДСБ-4	Auxiliary Solar Array
ИЛ76-МДК	EVA Training Aircraft designation
КАВ	Atmospheric Moisture Condensate
КМ	Matrix Switching Unit
КМУ	Simulator Facility Complex
КСОЖ	Life Support Systems Complex
КСП	Command Signal Panel
МБП	Biomedical Training
НГО	Unpressurized Compartment
НИИППиСПТ	Scientific Research Institute for Food Preparation and Specialty Food Technology
НИиЭ	Scientific Investigations and Experiments
НХР	Exterior Cold Radiator Panel
ОДУ	Integrated (combined) Propulsion System
ОНИКС	Krater V Control Unit
ПГО-1	Instrument/Cargo Compartment
ПДС	Permanently Operating Systems
ПЗ-1	Latch Drive
ПНО	Instrumentation/Scientific Compartment of Kvant-2.
ПСИ	Acceptance Test
ПРП	Russian acronym for Deputy Flight Director (PRP)

РПВ-2, 3В	Hand-operated Rotary Valve
СА	Descent Module
СА-БО	Hatch between Descent Module and Habitation Module
СБ-2 (- 4)	Solar Array (designation 2, 4)
СВУ-3	Scuba Gear designation
СОА	Vozdukh Atmospheric Purification Systems
СОЖ	Life Support System
СОТР	Thermal Mode Control System
СП-ЭО	Descent - Long Duration Crew
СУБК	Onboard Complex Control System
СУД	Motion Control System
ТДК	Complex Dynamic Simulator
ТОРУ	Teleoperator Mode
ТПС	Standard Flight Days
УИВК	Control Information and Computer Complex
УКТФ	Physical Exercise Training Complex
ХСА БО ТК	Cooler/Dehumidifier Assembly of Soyuz Habitation Module
ШСО	Special Airlock
ЭКТ	Complex Exam Training
ЭПК-ПСА	Passive Docking Assembly Electropneumatic Valve
ЭПК-РД	Electropneumatic Pressure Control Valve
ЭУ-734	Experimental Facility (designation 734)