



National Aeronautics and
Space Administration

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George C. Marshall Space Flight Center
Marshall Space Flight Center, Alabama 35812

MSFC Space Station Program Commonly Used Acronyms and Abbreviations Listing (December 1988)

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FOREWORD

The Marshall Space Flight Center maintains an active history program to assure that the foundation of the Center's history is captured and preserved for current and future generations. As part of that overall effort, the Center began a project in 1987 to capture historical information and documentation on the Marshall Center's roles regarding Space Shuttle and Space Station.

Working under Contract NAS8-35900, three historians employed by MSI, a Division of the Bionetics Corporation, began compiling bibliographies, chronologies and oral interview transcripts. MSI historians Jessie E. Whalen and Sarah L. McKinley did the work for Space Shuttle while historian Thomas G. Gates did the work for Space Station.

The products that the historians have prepared are intended to provide supportive research essential to the writing of formal narrative histories of Marshall's contributions to the Space Shuttle and Space Station. The products will also help ensure that historically significant facets of Marshall's involvement in both programs are not overlooked or lost, whether they be in the form of events, documents, or personal interviews.

This supportive research is that which is basic to any historical research project and is not intended to be an end unto itself. It is designed to give the historian the necessary data from which to compile the aforementioned written histories and to preserve records of historically significant aspects of Marshall's involvement in Space Shuttle and Space Station.

This document is **MSFC Space Station Program Commonly Used Acronyms and Abbreviations Listing**. It contains acronyms and abbreviations used in Space Station documentation and in the Historical Annotated Bibliography of Space Station Documents and in the Chronology: MSFC Space Station Program. The information may be used by the researcher as a reference tool.

Questions concerning this document should be directed to the Marshall Space Flight Center Historian, CN22, Marshall Space Flight Center, Alabama 35812.

<u>Acr/Abb</u>	<u>Explanation</u>
A&R	Automation & Robotics
A/A	Airlock/Adapter
AAC	Advanced Adaptive Control
AAP	Airlock Adapter Plate
ABM	Assembly & Berthing Module
AC	Attitude Control
ACD	Attitude Control Development
ACG	Atmospheric Composition Payload Group
ACS	Attitude Control Subsystem
ACU	Audio Control Unit
AD	Advanced Development
ADG	Atmospheric Dynamic Payload Group
ADM	Adaptive Delta Modulation
ADP	Advanced Development Program Automatic Data Processing
AFD	Aft Flight Deck
AGS	Annular Suspension Pointing Gimbal System
AI	Artificial Intelligence
ALT	Radar Altimeter
AM	Airlock Module
AMMS	Automatic Maintenance Management System
AMSP	Atmospheric, Magnetospheric, and Plasmas in Space
AO	Airlock Outfitting
AOSS	Atomic Oxygen Simulation System
AP	Attached Payload
APAD	Advanced Planar Array Development
APC	Adaptive Predictor Coders

<u>Acr/Abb</u>	<u>Explanation</u>
APS	Articulated Pointing System
APSM	Automated Power Systems Management
ARBC	Adaptive Rigid Body Control
ARC	Ames Research Center
ARS	Air Revitalization System
ARTS	Automated Restriction Tracking System
ASE	Airborne Support Equipment
ASEB	Aeronautics and Space Engineering Board
ATAC	NASA Advanced Technology Advisory Committee
AXAF	Advanced X-Ray Astrophysics Observatory
B&T, Inc.	Bell and Trotti, Incorporated
B/W	Between
BAC	Boeing Aerospace Company
BASD	Ball Aerospace Systems Division
BB	Building Block
BCS	Boeing Computer Services
BER	Bit Error Rate
BHFT	Basic Human Factor Technology
BIT	Built-in Test
BITE	Built-in Test Equipment
BIU	Bus Interface Unit
BL	Baseline
BMR	Body Mounted Radiator
BP	Biological Processing
BPM	Biological Production Module
C&D	Controls & Displays
C&M	Control & Monitoring

<u>Acr/Abb</u>	<u>Explanation</u>
C&T	Communications & Tracking System
C&W	Caution & Warning
C-I	Criticality Level I
C-II	Criticality Level II
C-III	Criticality Level III
C/CM	Command/Control Module
C/O	Checkout
CA	Customer Accommodations
CAD/CAM	Computer Aided Design/Computer Aided Manufacturing
CAE	Computer Aided Engineering
CAMS	Continuous Atmosphere Monitoring System
CAP	Controlled Acceleration Propulsion
CCA	Communications Carrier Assembly
CCB	Configuration Control Board
CCBD	Configuration Control and Board Directive
CCC	Contaminant Control Cartridge
CCET	Configuration Critical Evaluation Task Force
CCP	Configuration Control Panel
CDA	Configuration Drag Characteristics
CDD	Configuration Description Document
CDG	Concept Development Group
CDM	Corona Diagnostic Mission
CDMS	Communications & Data Management Subsystem
CDR	Control Delivery Requirements
CDSF	Commercially Developed Space Facility
CEI	Contract End Item

<u>Acr/Abb</u>	<u>Explanation</u>
CELSS	Closed Environmental Life Support System
CETF	Critical Evaluation Task Force
CF	Construction Facility
CFT	Crew Factors Technology Group
CGSP	Crystal Growth & Solidification Processes
CHEOPS	Cyclically Harvested Earth/Orbit Production System
CHSF	Cargo Hazardous Servicing Facility
CIL	Critical Items List
CITE	Cargo Integrated Test Equipment
CLS	Contingency Landing Site
CM	Cargo Management Operations Directorate
	Common Module
	Configuration Management
CMD	Command
CMG	Cryosphere Monitoring Payload Group
CMR	Contractor Management Review
CMWS	Common Module Work Station
COF	Construction of Facilities
COMF	Combustion Facility
COMSEC	Communications Security
Config	Configuration
CONT	Contamination Technology
COP	Co-Orbiting Platform
COS	Co-Orbiting Satellite
CP	Containerless Processing
CPS	Coarse Pointing System
CPU	Computer Processor Unit

<u>Acr/Abb</u>	<u>Explanation</u>
CRM	Chemical Release Module
CRT	Cathode Ray Tube
CRY	Cryogenics
CS	Customer Servicing
CSCI	Computer Software Configuration Item
CSE	Common Support Equipment
CSF	Customer Servicing Facility
CSI	California Space Institute
CSOC	Consolidated Space Operations Center
CTE	Common Test Equipment
CTMS	Commercial Teleoperator Maneuvering System
CTV	Compatibility Test Van
CWFS	Wind Field Scatterometer
D&B	Docking & Berthing
D&PD	Definition & Preliminary Design
DAP	Digital Autopilot
DBS	Direct Broadcast Satellite
DC	Direct Current
DCLS	Data Collection & Location System
DCM	Display & Control Module
DDT&E	Design, Develop, Test, & Evaluate
DH	Data Handling
DHF	Data Handling Facility
DHS	Data Handling Subsystem
	Data Handling System
DM	Data Management
DMS	Data Management Subsystem

<u>Acr/Abb</u>	<u>Explanation</u>
DOD	Department of Defense
DOMSAT	Domestic Satellite
DR	Data Requirement
DRD	Data Requirement Description
DRM	Design Reference Mission
DROP	Liquid Droplet Radiator
DSCG	Directional Solidification Crystal Growth
DSCS	Defense Satellite Communications System
DT	Docking Tunnel
DTC	Design-to-Cost
E&IVA	Extravehicular & Intravehicular Activity
e.g.	Exempli Gratia = for example
ECG	Electroepitaxial Crystal Growth
ECLS	Environmental Control/Life Support
EDC	Electrochemical Depolarized Carbon Dioxide Concentrator
EDP	Electronic Data Processing
EEG	Electroencephalogram
EEIS	End-to-End Information System
EGSE	Electrical Ground Support Equipment
EIRP	Effective Isotropic Radiated Power
EKG	Electrocardiogram
ELV	Expendable Launch Vehicle
EM	Engineering Model
EMC	Electromagnetic Capability
EMI	Electromagnetic Interference
EMS	Engineering Master Schedule
EMU	Extravehicular Mobility Unit

<u>Acr/Abb</u>	<u>Explanation</u>
EOS	Earth Observation System
	Electrophoresis Operations in Space
EOSA	Electro-Optical Sensor Assembly
EOSD	Earth Observations Sensor Development Lab
EPDC	Electrical Power Distribution & Control
EPGS	Electrical Power Generation & Storage
EPS	Electrical Power Subsystem
ESA	European Space Agency
ESR	Earth Science Research
ESS	Energy Storage Subsystem
ET	External Tank
et c.	et cetera = and the rest
ETEDB	External Thermal Environment Data Base
ETICS	External Thermal Control System
EV	Extra Vehicular
EVA	Extravehicular Activity
EVC	Extravehicular Activity Communications System
EVVA	Extravehicular Activity Visor Assembly
FA	Function Allocation
FACC	Ford Aerospace & Communications Corp.
FBT	Feedback Technology
FCO	Final Checkout
FCP	Fluid & Chemical Processing
	Fracture Control Plan
FF	Free-Flyer
FLD	Fluid Dynamics
FMEA	Failure Mode & Effects Analysis

<u>Acr/Abb</u>	<u>Explanation</u>
FO	Flight Operations
FOC	Follow-On Capacity
	Full Operating Capability
FSE	Flight Support Equipment
FSF	Flight Support Facility
FSS	Fluid Storage System
FST	Fire Safety Technology
FY	Fiscal Year
GAC	Grumman Aerospace Corp.
GBOTV	Ground-Based Orbital Maneuvering Vehicle
GCS	Ground Control System
GDMS	Ground Data Management System
GE	General Electric
Gen Dyn	General Dynamics
GEO	Geosynchronous orbit
GEOS	Geodynamic Experimental Ocean Satellite
GFE	Government Furnished Equipment
GMM	Geometric Math Model
GMS	Geostationary Meteorological Satellite
GN&C	Guidance, Navigation, & Control
GPC	General Payload Computer
GPS	Global Positioning System
GRM	Geopotential Research Mission
GRO	Gamma Ray Observatory
GS	Ground System
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center

<u>Acr/Abb</u>	<u>Explanation</u>
GSLA	Government Large Structures Assembly
GSSF	Government Satellite Services Facility
GSTDN	Ground Spaceflight Tracking & Data Network User's Guide
GTA	Ground Test Article
GTV	Ground Test Vehicle
H/W	Hardware
HABT	Habitability Technology
HAC	Hughes Aircraft Company
HEAT	High Efficiency Automated Thermal Control System
HEO	High Earth Orbit
HLLV	Heavy Lift Launch Vehicle
HM	Habitation Module
HMF	Health Maintenance Facility
HMO	Habitat Module Outfitting
HOL	High-Order Language
HP	Hewlett-Packard
HPA	Handling & Positioning Aide
HR&T	Heat Rejection & Transport
HSM	High-Speed Machining Techniques
HTM	High Throughput Mission
HUT	Hard Upper Torso
HWCI	Hardware Configuration Item
I/F	Interface(s)
i.e.	id est = that is
ICCWG	Inter-Center Classification Working Group
ICD	Interface Control Document

<u>Acr/Abb</u>	<u>Explanation</u>
IDB	Insert Drink Bag
IF	Intermediate Frequency
IGA	Inner Gimbal Assembly
IGSE	Instrumentational Ground Support Equipment
ILS	Integrated Logistics Support Integrated Logistics System
ILSA	Industry Large Structures Assembly
IM	Interconnect Module
IOC	Initial Operation Capability
IOP	Institutional Operation Plan
IPS	Instrument Pointing System
IR&D	Independent Research & Development
IRD	Interface Requirements Document
IRSS	Intelligent Robotic Systems Study
ISF	Integrated Servicing Facility
ISSF	Industry Satellite Services Facility
ISTF	Integrated Servicing & Test Facility
ITICS	Internal Thermal Control System
ITIP	International and Technical Integration Panel
JEC	Johnson Engineering Corporation
JEM	Japanese Experiment Module
JPL	Jet Propulsion Laboratory
JSC	Johnson Space Center
KBMS	Knowledge-Based Maintenance System
KBSSE	Knowledge-Based Systems Support Environment
KCS	KNOMES Computer System
KNOMES	Knowledge-Based Maintenance Expert System

<u>Acr/Abb</u>	<u>Explanation</u>
KSC	Kennedy Space Center
LACO	Laser Communications
LAMAR	Large Area Modular Array
LAP	Leased Attached Pallet
LARS	Lower Atmosphere Research Satellite
LCC	Launch Control Center
LCD	Liquid Crystal Display
LCVG	Liquid Cooling & Ventilation Garment
LDEF	Long Duration Exposure Facility
LDR	Large Deployable Reflector
LEO	Low Earth Orbit
LeRC	Lewis Research Center
LLFS	Long Life Fluid System
LM	Laboratory Module
LMSC	Lockheed Missiles & Space Co.
LogM	Logistics Module
LPC	Linear Predictive Coders
LPT	Laser Propulsion Test
LRU	Line Replaceable Unit
	Lowest Replaceable Unit
LSA	Logistics Support Analysis
LSB	Leased Spacecraft Bus
LSC	Large Solar Concentration
LSRF	Life Sciences Research Facility
LSS	Large Space Structure
	Life Support System
LSST	Large Space Structures Technology

<u>Acrr/Abb</u>	<u>Explanation</u>
LTA	Lower Torso Assembly
LUCC	Language for User Control & Communication
LV	Launch Vehicle
LV/LH	Local Vertical/Local Horizontal
M&TL	Manufacturing & Technology Laboratory
MA	Multiple Access
MAC	Materials & Coatings
MADDS	Module Audio Distribution Development System
MAS	Mission Analysis Study
MBA	Multiple Berthing Adapter
MCC	Mission Control Center (JSC)
MCDS	Management Communications & Data System
MDAC	McDonnell Douglas Astronautics Corp.
MDB	Maintenance Data Base
MDCS	Maintenance Data Collection System
MDD	Mission Description Document
MDTSC	McDonnell Douglas Technical Service Co.
MDTSCO	McDonnell Douglas Technical Services Co.
ME	Manned Element(s)
MED	Momentum Exchange Device
MFR	Manipulator Foot Restraint
MGSE	Mechanical Ground Support Equipment
MIDB	Maintenance Information Data Base
MILSTAR	Military Satellite
MMA	Martin Marietta Aerospace
	Moving Mechanical Assembly
MMI	Man-Machine Interface

<u>Acrr/Abb</u>	<u>Explanation</u>
MMM	Manned Manipulator Module
MMPF	Microgravity Materials Processing Facility
MMS	Maintenance Management System
MMSE	Multi-Mission Support Equipment
MMU	Manned Maneuvering Unit
MMW	Milimeter Wave
MOC	Mode-of-Characteristics
MOTV	Manned Orbital Transfer Vehicle
MP	Materials Processing
MPC	Multiple Payload Carrier
MPP	Materials Processing Platform
MPS	Maintenance Prompter System
	Materials Processing in Space
MPTL	Material Processing Technology Lab
MRDB	Mission Requirement Data Base
MRMS	Mobile Remote Manipulator System
MRS	Microwave Radiometer System
MRWG	Mission Requirements Working Group
MRWS	Manned Remote Workstation
MS	Margin of Safety
MSFC	Marshall Space Flight Center
MSI	Maintenance Significant Item
MSP	Manned Space Platform
MTA	Man Tended Approach
MTC	Man Tended Configuration
MTCT	Manipulator/Teleoperator Control Technology
MTL	Manufacturing & Technology Laboratory

<u>Acr/Abb</u>	<u>Explanation</u>
MTO	Man Tended Option
MTTR	Mean-Time-To-Repair
MWS	Maintenance Workstation
NASA/HQ	NASA Headquarters
NASA/SSPO	NASA Space Station Program Office
NASDA	National Space Development Agency of Japan
NASOS	National Space Operations Center
NBS	Natural Buoyancy Simulator
NHB	NASA Handbook
NIU	Network Interface Unit
Nm	Nautical Mile
NMI	Nautical Mile
NOAA	National Oceanic & Atmospheric Administration
NOCP	National Orbiting Command Post
NOS	Network Operating System
NRC	National Research Council Canada
NSTS	National Space Transportation System
O&C	Operations & Checkout
OAST	Office of Astronautic & Space Technology
OBS	Operational Bioinstrumentation System
OCJA	O.C. Jean and Associates
OCP	Open Cherrypicker
OCS	Onboard Checkout System
OIS	Operational Intercommunicational System
OMIS	Operation & Maintenance Information System
OPF	Orbiter Processing Facility
OPS	Onboard Propulsion Unit

<u>Acr/Abb</u>	<u>Explanation</u>
Ops	Operations
ORU	Orbital Replaceable Unit
OS	Operating System
OSE	On-Orbit Support Equipment
OSI	Open Systems Interconnect Operator-Systems Interface
OSS	Office of Space Station
OSSA	Office of Space Science Applications
OST	Orbital Transfer Vehicle Servicing Technology
OSTS	Office of the Space Transportation System
OTA	The Office of Technology Assessment of the United States Congress
OTV	Orbital Transfer Vehicle
P&VA	Propulsion & Vehicle Accommodations
P/L	Payload
PA	Payload Accommodations
PACE	Physics & Chemistry Experiments
PAE	Payload Attachment Equipment
PCC	Payload Control Center
PCM	Parametric Cost Model Phase Change Material Power Conditioning Module
PDR	Preliminary Design Review
PED	Payload Element Developer
PEP	Power Extension Packet
PETS	Payload Environmental Transportation System
PFMEA	Preliminary Failure Mode Effects Analysis

<u>Acr/Abb</u>	<u>Explanation</u>
PFR	Portable Foot Restraint
PGSE	Payload Ground Support Equipment
PI	Principal Investigator
PI&SE	Project Integration & System Engineering
PIDA	Payload Installation & Deployment Apparatus
PIM	Payload Integration Manager
PIP	Payload Integration Plan
PLIMP	Plume Impingement
PLS	Portable Life Support System
PMAD	Power Management & Distribution
PMC	Permanently Manned Space Station Configuration
PMM	Payload Mission Manager
PMR	Project Management Review
PMS	Polar Meteorological Satellite Power Management System
POF	Pinhole Occulter Facility
POM	Proximity Operations Module
POP	Polar Orbiting Platform Program Operating Plan
POS	Portable Oxygen System
POT	Proximity Operation Trainer
POV	Proximity Operation Vehicle
PPF	Payload Processing Facility
PPL	Plant Physiology Lab
PPPL	Planetary Physical Processes Lab
PRACA	Problem Reporting & Corrective Action System

<u>Acr/Abb</u>	<u>Explanation</u>
Proxops	Proximity Operations
PRS	Personnel Rescue System
PS	Power Station
PST	Planetary Spectroscopy Telescope
PV	Photovoltaic
R&A	Research & Applications
R&D	Research & Development
R/T	Receiver/Transmitter
RAMP2	Reacting & Multi-Phase
RCA	RCA Astro-Electronics Division
RCS	Reaction Control System
Re	in the matter of
REM	Roentgen Equivalent Man
REQ	Requirement(s)
RF	Radio Frequency
RFC	Regenerative Fuel Cell
RFP	Request for Proposal
RI	Rockwell International
RIM	Relational Information Management
RJMTBO	Rotary Joint Mechanism Test Bed Operations
RLS	Robotic Locating System
RM	Resupply Module
RM&QA	Reliability, Maintainability, & Quality Assurance
RMS	Remote Manipulator System
ROM	Rough Order of Magnitude
ROTV	Returnable Orbital Transfer Vehicle
RPL	Rodent & Primate Lab

<u>Acr/Abb</u>	<u>Explanation</u>
RPS	Real-time Photogrammetric System
RSS	Rotating Service Structure
RTLS	Return to Launch Site
RUR	Reference Update Review
S&A	Science & Applications
S&E	Science & Engineering
S/C	Spacecraft
S/M	Structures/Mechanisms
S/W	Software
SA	Solar Array
SA&I	MSFC Systems Analysis & Integration Lab
SAB	Space Applications Board
SADE	Structural Assembly Demo Experiment
SADOT	Structures Assembly, Deployment, & Operations Technology
SAF	System Assembly Facility
SAFE	Solar Array Flight Experiment
SAMSP	Science & Applications Oriented Manned Space Platform
SASP	Science & Applications Space Platform
SATS	Station Accommodation Test Set
SCAT	Scatterometer
SCB	Space Science Board
SCE	Space Construction Experiment
SCG	Security Classification Guide
SCL	Space Component Lifetime
SCM	Spacecraft Materials
SCS	Stability & Control System

<u>Acr/Abb</u>	<u>Explanation</u>
SCSC	Space Construction & Servicing Concepts
SCU	Service & Cooling Umbilical
SD	Solar Dynamic
SDE	Software Development
SDHLV	Shuttle-Derived Heavy Lift Launch Vehicle
SDLT	Static/Dynamic Load Technology
SDP	Subsystem Data Processor
SDV	Shuttle-Derived Vehicle
SE	Systems Engineering
SE&I	System Engineering & Integration
SEPS	Solar Electric Propulsion System
SESAC	Space and Earth Science Advisory Committee
SFS	Sperry Flight Systems
SI	System of Units
SIRTF	Shuttle Infrared Telescope Facility Space Infrared Telescope Facility
SITV	System Integration Test & Verification
SL	STARLAB
SLM	Science Laboratory Module
SMS	Structure/Mechanical Subsystem
SNR	Signal-to-Noise Ratio
SOC	Space Operations Center
SOMS	Shuttle Orbiter Medical System
SOP	Secondary Oxygen Pack
SOT	Solar Optical Telescope
SOW	Statement of Work
SP	Space Platform

<u>Acr/Abb</u>	<u>Explanation</u>
SP	Symbolic Processor
SPA	Sensor Pivot Assembly
SPCC	Space Platform Control Center
SPEEDS	Space Platform End-to-End Study
SPGS	Space Platform Ground System
SPL	Solar Pumped Laser
	Sound Pressure Level
SPLF	Station/Platform Lidar Facility
SPT	Solar Panel Technology
SR&QA	Safety, Reliability, & Quality Assurance
	System Reliability & Quality Assurance
SRB	Solid Rocket Booster
SRI	SRI International
SRMS	Shuttle Remote Manipulator System
SRR	System Requirements Review
SRS	Spectra Research Systems
SRU	Shop Replaceable Unit
SS	Space Station
SSCB	Space Station Control Board
SSCM	Space Station Cost Model
SSD&PD	Space Station Definition & Preliminary Design
SSDS	Space Station Data System
SSE	Software Support Environment
	Solar System Exploration
SSF	Satellite Servicing Facility
SSHPHDC	Space Station History Project Historical Documents Collection

<u>Acr/Abb</u>	<u>Explanation</u>
SSIS	Space Station Information System
SSMC	Space Station Management Council
SSME	Space Shuttle Main Engine
SSO	Space Shuttle Orbiter
SSOL	Space Station Operations Language
SSOTF	Space Station Operations Task Force
SSP	Space Station Program
SSPDD	Space Station Program Description Document
SSPE	Space Station Program Elements
SSPO	Space Station Projects Office
SSPPWG	Space Station Program Planning Working Group
SSPRC	Space Station Program Review Committee
SSPS	Space Station Propulsion System
SSS	Space Station System
SSSC	Space Station Steering Committee
	Space Station Support Center
SSSD	Space Station Systems Division
SSST	Space Station System Trainer
SST	Satellite Servicing Technology
SSTF	NASA Space Station Task Force
SSTM	Space System Technology Model
SSTS	Space Station Tether Subsystem
SSTSC	Space Station Technology Steering Committee
ST	Space Telescope
STC	Satellite Test Center
STD	Solar Thermal Dynamic
STDN	Spaceflight Tracking & Data Network

<u>Acr/Abb</u>	<u>Explanation</u>
STE	Special Test Equipment
STO	Solar Terrestrial Observatory
STS	Space Transportation System
SubACS	Submarine Advanced Combat System
SUBSYS	Subsystem(s)
SVC	On-Orbit Maintenance, Assembly, & Servicing
SYS	System(s)
T&CO	Test & Checkout
T&O	Test and Operations
T&V	Test & Verification
TBD	To Be Determined
TBE	Teledyne Brown Engineering
TC	Thermal Control
TCS	Thermal Control System
TD	Technology Development
TD&FE	Technology Development & Flight Experiment
TDAS	Tracking & Data Acquisition Satellite
TDASS	Tracking & Data Acquisition Satellite System
TDM	Technology Development Mission
TDRS	Tracking & Data Relay Satellites
TDRSS	Tracking & Data Relay Satellite System
TEA	Torque Equilibrium Attitude
Tech	Technology
TFSUSS	Task Force on the Scientific Uses of the Space Station
TIMES	Thermoelectric Integrated Membrane Evaporation System
TLM	Telemetry

<u>Acr/Abb</u>	<u>Explanation</u>
TM	Technical Memorandum Telemetry Thermal Management
TMIS	Technical Management Information System
TMS	Teleoperator Maneuvering System Thermal Management System
TRASYS	Thermal Radiation Analysis System
TSC	Thermal Shape Control
TSS	Tethered Satellite System
TSU	Thermal Storage Unit
TT	Turntable/Tilttable
TT&C	Telemetry, Tracking, & Command
U/B	Upper Boom
UAH	University of Alabama in Huntsville
UARS	Upper Atmosphere Research Satellite
UCD	Urine Collection Device
UM	Utility Module
US	United States
USAF	United States Air Force
USRA	United States Research Association
UT-HS	United Technologies-Hamilton Standard
V&C	Verification and Checkout
VA	Vehicle Accommodations
VA&S	Vehicle Accommodations and Servicing
VAB	Vehicle Assembly Building
VAFB	Vandenberg Air Force Base
VDC	Volts Direct Current

<u>Acr/Abb</u>	<u>Explanation</u>
VLBI	Very Long Baseline Interferometer
VLSI	Very Large Scale Integrated Circuits
VPF	Vertical Processing Facility
VSS	Versatile Servicing Stage
W/IN	Within
WBS	Work Breakdown Structure
WETF	Weightless Environment Training Facility
WG	Working Group
WMS	Waste Management System

TECHNICAL REPORT STANDARD TITLE PAGE

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16. ABSTRACT

This document contains acronyms and abbreviations used in Space Station documentation and may be used by the researcher as a reference tool.

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