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Engineering & Manufacturing Development (EMD) Phase
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NPOESS ACRONYMS

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C	30 Jun 04	Incorporates CCB-approved ECRs: 105C, 106C, 112C, and 134F	All
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F	28 July 08	Incorporates CCB-approved ECRs: ECR 325E – Cal/Val Infrastructure Operations and Requirements, SYS-030-080, D31400-17 Rev A ECR 517C – NPOESS Restructure - Accommodation ECR 710A – Add CLASS Tag and Public Release Submission	All
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Table Of Contents

1.0   SCOPE

This document provides acronyms for the National Polar-orbiting Operational Environmental Satellite System (NPOESS) program. These acronyms are for reference only.

2.0   NPOESS ACRONYMS

Acronym	Description
%CVCM	Percent Collected Volatile Condensable Material
%TML	Percent Total Mass Loss
(D)PR	Dual Precipitation Radar
(Delta)TRMS	Root Mean Square Temperature Difference
(Delta)V	Change in Velocity
µg	Micro (10E-6)-gram
µm	Micro (10E-6)-meter (micron)
µPa	micro-Pascal IR
µV	micro-volt IR
16QAM	16-state Quadrature Amplitude Modulation
30SW	30th Space Wing
55 SWXS	55th Space Weather Squadron
8PSK	Eight-Phase Shift Keying
A	
A	Analysis
A&AS	Advisory and Assistance Services
A&DP	Algorithm and Data Products (IPT)
A&I	Analysis and Inspection
A&IS	Aerospace and Information Systems (NGST)
A&O	Acquisition and Operations
A&O	Acquisition and Operations Contractor
A&T	Assembly and Test
A/D	Analog-to-Digital
AA NESDIS	Assistant Administrator for NESDIS
AAD	Acquisition Activities Division
AAE	Agency Acquisition Executive
AAL	Automated Assembly Line
AAOE	Airborne Antarctic Ozone Experiment
AASE	Airborne Arctic Stratospheric Expedition
AATSR	Advanced Along-Track Scanning Radiometer
AB	Acquisition Board
ABAL	Advanced Board Assembly Line
ABIS	Auroral Boundary and Ionization Sensor
ABL	Airborne Laser
ABLE	Atmospheric Boundary Layer Experiment
AC	Accomplishment Criteria
AC	Alternating Current

Acronym	Description
ACARS	Aircraft Addressing and Reporting System
ACAT	Acquisition Category
ACCB	Algorithm CCB
ACE	Aerosol Characterization Experiment
ACE	Attitude Control Electronic
ACE-IT	Automated Cost Estimating Integrated Tools
ACESE	Attitude Control and Energy Storage Experiment
ACMAP	Atmospheric Chemistry and Modeling Analysis Program
ACO	Administrative Contracting Officer
ACO	Atmospheric Correction Over Ocean
ACQSUM	Acquisition Summary
ACR	Active Cavity Radiometer
ACRIM	Active Cavity Radiometer Irradiance Monitor
ACS	Alternate Commanding System
ACS	Attitude Control Subsystem
ACS	Attitude Control System
ACSYS	Arctic Climate System Study
ACU	Antenna Control Unit
ACU	Attitude Control Unit
ACWP	Actual Cost of Work Performed
AD	Associated Document
ADA	Algorithm Development Area
ADA	Associate Director for Acquisition
ADAAC	Affiliated Distributed Active Archive Center
ADACS	Attitude Determination and Control Subsystem
ADALT	Advanced Radar Altimeter
ADC	Affiliated Data Center
ADC	Analogue to Digital Conversion
ADCLS	Advanced Data Collection and Location System
ADCP	Advanced Data Collection Protocol
A-DCS	Advanced Data Collection System
ADCS	Attitude Determination and Control Subsystem
ADD	Architecture Description Document
ADEOS	Advanced Earth Observing Satellite (Japan)
ADIC	Advanced Digital Information Corporation
ADM	Acquisition Decision Memorandum
ADO	Associate Director for Operations
ADPE	Automated Data Processing Equipment
ADPE	Automatic Data Processing Equipment

Acronym	Description
ADR	Architectural Design Review
ADS	Archive and Distribution Segment
ADTT	Associate Director for Technology Transition
AE	Acquisition Executive
AE	Atmosphere Explorer
AER	Atmospheric and Environmental Research
AEROCAN	Aerosol Canada
AERONET	Aerosol Robotic Network
AES	Advanced Encryption Standard
AES1	Type 1 AES Key (Telemetry)
AES2	Type 2 AES Key (SDE)
AES3	Type 3 AES Key (Survivability Sensor)
AES4	Type 4 AES Key (KEK)
AET	Aerospace Engineering Technician
AF	Active Fires
AF	Air Force
AFB	Air Force Base
AFCA	Air Force Communications Agency
AFCAA	Air Force Cost Analysis Agency
AFCAIG	Air Force Cost Analysis Improvement Group
AFCCC	Air Force Combat Climatology Center
AFCCP	Award Fee and Corporate Commitment Plan
AFCEA	Armed Forces Communication and Electronics Association
AFDIR	Air Force Directive
AFFARS	Air Force Federal Acquisition Regulation Supplement
AFI	Air Force Instruction
AFM	Air Force Manual
AFM	Airborne Fluxes and Meteorology Group
AFM	Army Field Manual
AFMC	Air Force Material Command
AFOSI	Air Force Office of Special Investigations
AFOTEC	Air Force Operational Test and Evaluation Center
AFP	Award Fee Plan
AFPEL	Advanced Focal Plane Electronics Lightweighting
AFR	Air Force Regulation
AFRB	Award Fee Review Board
AFRL	Air Force Research Laboratory
AFRL	Air Force Rome Laboratory
AFSC	Air Force Systems Command

Acronym	Description
AFSCN	Air Force Satellite Control Network
AFSFC	Air Force Space Forecast Center
AFSPC	Air Force Space Command
AFSPC/DO	Air Force Space Command Director of Operations
AFVSF	Advanced Flight Vehicle Simulation Facility
AFWA	Air Force Weather Agency
AFWWS	Air Force Weather Weapon System
AGAGE	Advanced Global Atmospheric Gas Experiment
AGC	Automatic Gain Control
AGCM	Atmospheric Global Circulation Model
AGE	Aerospace Ground Equipment
AGI	Advanced Global Imager
AGRMET	Agricultural Meteorological model
AGU	American Geophysical Union
AHM	Attitude Hold Mode
AHP	Analytical Hierarchy Process
Ai	Inherent Availability
AI&T	Assembly, Integration, and Test
AIA	Aerospace Industry Association
AIAA	American Institute of Aeronautics and Astronautics
AIP	Analysis and Inspection Plan
AIPL	Algorithm Implementation Process Lead
AIRES	Australian Resource Imaging and Environmental Satellite
AIRS	Advanced Infrared Sounder
AIRS	Atmospheric Infrared Sounder
AIS	Airborne Imaging Spectrometer
AIT	Assembly Integration and Test
AIV	Assembly Integration and Verification
AIX	Advanced IBM Unix
AK	Alaska
a.k.a.	also known as
Al	Aluminum
ALADIN	Atmospheric Laser Doppler Instrument
ALE	Atmospheric Lifetime Experiment
ALE	Automated Link Establishment
ALT	Altimeter
ALT	Radar Altimeter
ALT-L	Laser Altimeter
AM&S	Algorithm, Models and Simulations

Acronym	Description
AM	Amplitude Modulated
AM	Ante Meridian (morning)
AMD	Approved Manufacturers Directory
AMI	Active Microwave Instrument
AMIP	Atmospheric Model Intercomparison Project
AMMC	Aurora Mission Management Center
amp	ampere
AMR	Altimetry Microwave Radiometer
AMRIR	Advanced Medium Resolution Imaging Radiometer
AMSDL	Acquisition Management Systems Data List
AMSR	Advanced Microwave Scanning Radiometer
AMSS	Automated Meteorological Sensor System
AMSU	Advanced Microwave Sounding Unit
AMSU-A	Advanced Microwave Sounding Unit A
AMTS	Advanced Moisture and Temperature Sounder
AN/UMQ-13	Mark IVB Tactical Terminal
ANC	Ancillary Data
Ancil	Ancillary
ANSI	American National Standards Institute
ANT	Antenna
AO	Action Officer
AO	Announcement of Opportunity
AO	Atomic Oxygen
Ao	Operational Availability
AOCS	Attitude and Orbit Control Subsystem
AOIPS	Atmospheric and Oceanographic Information Processing System
AOL	Airborne Oceanographic Lidar
AOS	Acquisition of Signal
AOS	Advanced Orbiting Systems
AOT	Aerosol Optical Thickness
AOTF	Acusto-Optical Tunable Filters
AP	Acquisition Plan
AP	Antenna Profile
AP	Application Packet
APAFO	Advanced Particles and Fields Observer
APB	Acquisition Program Baseline
APC	Adequate Price Competition
APDP	Advanced Professional Development Program
API	Antecedent Precipitation Index

Acronym	Description
API	Application Program Interface
APID	Application Packet Identification
APID	Application Process Identification
APID	Application Process Identifier
APID	Application Programmable Identifier
APL	Atmospheric Propagation Loss
APS	Aerosol Particle Size
APS	Aerosol Polarimetry Sensor
APS	Algorithm Performance Specification
APs	Application Packets
APSP	Aerosol Particle Size Parameter
APT	Automatic Picture Transmission
APU	Accuracy, Precision and Uncertainty
APUC	Average Procurement Unit Cost
AQPN	Asynchronous Quadrature Pseudo-random Noise
AR	Acceptance Review
ARB	Algorithm Review Board
ARC	Acquisition Review Council
ARC	Ames Research Center
arcsec	arc-second
ARF	Antenna/RF
ARGOS+	French Data Collection and Location System
ARM	Atmospheric Radiation Measurement Program (DOE)
ARMSS	Advanced Radiometric Microwave Scene Simulation
ARP	Algorithm Research Panel
ARP	Application Related Product
ARR	Application Related Requirements
ARS	Agricultural Related Service
ART	Anomaly Response Team
ARTS	Advanced Range Tracking Station
ARTS	Automated Remote Tracking Station
ARWG	Anomaly Resolution Work Group
AS	Acquisition Strategy
AS	Acquisition Streamlining
ASA	Algorithm Support Area
ASAF/SPACE	Assistant Secretary of the Air Force for Space
A-SAR	Advanced Synthetic Aperture Radar
ASAT	Anti-Satellite
ASBCA	Armed Services Board of Contract Appeals

Acronym	Description
ASC	Accredited Standards Committee
ASC	Algorithm Support Capability
ASCA	Advanced Satellite for Cosmology and Astrophysics
A-SCAT	Advanced Scatterometer
ASCII	American Standard Code for Information Interchange
ASCM	Advanced Spaceborne Computer Model
ASCR	Anomaly Status Change Request
ASD	Acceleration Spectral Density
ASE	Airborne Support Equipment
ASF	Alaskan SAR Facility
ASF	Algorithm Support Function
ASF	Algorithm Support Facility
ASHOE	Airborne Southern Hemisphere Ozone Experiment
ASL	Acquisition Summary Listing
ASM	Attached Sync Marker
ASOS	Automated Surface Observing System
ASP	Acquisition Strategy Process
ASP	Affordable System Performance
ASPAM	Atmospheric Slant Path Analysis Model
ASR	Acquisition Strategy Report
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer
ASTM	American Society for Testing and Materials
ASW	Anti-submarine Warfare
ATA	Ability to Analyze/Simulate and Track
ATBD	Algorithm Theoretical Basis Document
ATCC	American Type Culture Collection
ATDS	Algorithm Timing Dependencies Simulation
ATLAS	Atmospheric Laboratory for Applications and Science
ATLID	Atmospheric Lidar
ATM	Asynchronous Transfer Mode
atm	Atmospheres
atm-cm	Atmosphere-centimeter
ATMOS	Atmospheric Trace Molecules Observed by Spectroscopy
ATMS	Advanced Technology Microwave Sounder
ATN	Advanced Television Infrared Observation Satellite
ATOVS	Advanced TYROS Operational Vertical Sounder
ATP	Acceptance Test Plan(s)
ATP	Acceptance Test Procedure(s)
ATP	Atmospheric Temperature Profile

Acronym	Description
ATP	Authority To Proceed
ATR	Acceptance Test Report
ATS	Automatic Test Sequence
ATS	Applications Technology Satellite
ATSP	Advanced Technology Support Program
ATSR	Along Track Scanning Radiometer
ATTD	Advanced Technology Transition Demonstrations
AUPC	Average Unit Procurement Cost
AURIO	Auroral Imaging Observatory
AURORA	Airglow and Aurora Ultraviolet Remote-sensing Observations for Real-time Applications
AUW	Authorized Unpriced Work
AUX	Auxiliary Data
Auxil	Auxiliary
AV	Algorithm Vendor
AVCS	Advanced Vidicon Camera System
AVHRR	Advanced Very High Resolution Radiometer
AVHRR GAC	AVHRR Global Area Coverage
AVHRR LAC	AVHRR Local Area Coverage
AVIRIS	Airborne Visible and Infrared Imaging Spectrometer
AVM	Advanced Vector Magnetometer
AVMP	Atmospheric Vertical Moisture Profile
AVNIR	Advanced Visible and Near-Infrared Radiometer
AVTP	Atmospheric Vertical Temperature Profile
AWAPS	Advanced Weather Analysis and Prediction System
AWG	American Wire Gauge
AWI	Alfred Wegener Institute
AWIPS-90	Advanced Weather Information Processing System for the 90's
AXAF	Advanced X-ray Astrophysics Facility
B	
B	Billion
B&F	Business and Finance
BAC	Budget At Completion
BAE	British Aerospace
BAFO	Best And Final Offer
BAHC	Biosphere Aspects of the Hydrological Cycle Program of the IGBP
BAP	Baseline Activity Plan
BAP	Baseline Autonomous Plan
BAP	Basic Activity Plan

Acronym	Description
BAPTA	Bearing and Power Transfer Assembly
BAR	Build Architecture Review
BATC	Ball Aerospace Technology Corporation
BATC	British Aerospace
BB	Baseband
BBS	Baseband Subsystem
BBU	Baseband Unit
BC	Bus Controller
BCA	Board of Contract Appeal
BCC	Backup Control Center
BCE	Baseline Cost Estimate
BCH	Bose-Chaudhuri-Hocquenghem code
BCS	Blackbody Calibration Source
BCU	Battery Cooling Unit
BCU	Bench Check Unit
BCVm	Black Crypto-Variable Monthly Key
BCWP	Budgeted Cost of Work Performed
BCWS	Budgeted Cost of Work Scheduled
BDU	Bus Data Unit
BEM	Bandwidth Efficient Modulation
BER	Bit Error Rate
BFM	Battlefield Forecast Model CO
BFM	Battlescale Forecast Model CO
BGA	Ball Grid Array
BGUV	Black Group Unique Variable
BiCMOS	Bipolar Complementary Metal-Oxide Semiconductor
BIT	Built-In-Test
BITE	Built-In-Test-Equipment
BKAUPD	Black Key Algorithm Update Parameter
BM	SRD Book Managers
BMC3	National Missile Defense Battle Management, Command, Control, and Communication
BMEWS	Ballistic Missile Early Warning System
BMMC	Backup Mission Management Center is superseded by SMMC
BOD	Box of Disks
BOE	Basis of Estimate
BOL	Beginning of Life
BOM	Bill of Materials
BOREAS	Boreal Ecosystem-Atmosphere Study

Acronym	Description
bps	bits per second
BPSA	Bright Pixel Sub Algorithm
BPSK	Binary Phase-Shift Keying
BRDF	Bi-directional Reflection Distribution Function
BSI	British Standards Institute
BSOC	Backup Satellite Operations Center
BSRN	Baseline Surface Radiation Network
BTI	Balanced Technology Initiative
BTR	Build Turnover Review
BTU	British Thermal Unit
Btu/hr-ft²	British Thermal Units per hour per square foot
BU	Back-Up
BUV	Backscatter Ultraviolet Spectrometer
BWC	Bandwidth Compression
BWOD	Bandwidth On Demand
BY	Base Year
BY$	Base Year Dollars
C	
C	Celsius
C	Centigrade
C	Climate
C&A	Certification and Accreditation
C&DH	Command and Data Handling
C&DHS	Command and Data Handling Subsystem
C&DU	Command and Data Handling Unit
C&S	Computer and Storage
C&S	Control and Status
C&S	Coordination and Scheduling
C&T	Command and Telemetry
C&T Sim	Command and Telemetry Simulator
C/NOFS	Comm/Nav Outage Forecast System
C/O	Care Of
C/SCSC	Cost/Schedule Control Systems Criteria
C2	Command and Control
C²	Command and Control
C3	Command, Control, and Communications
C³	Command, Control, and Communications
C3I	Command, Control, Communications, and Intelligence
C³I	Command, Control, Communications, and Intelligence

Acronym	Description
C3S	Command, Control, and Communications Segment
C³S	Command, Control, and Communications Segment
C4I	Command, Control, Communications, Computers, and Intelligence
C4ISR	Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance
CA	Calibration
CA	California
CA	Certificate Authority
CA	Command Authority
CA	Control Account
CAAS	Contracted Advisory and Assistance Services
CAC	Cumulative Average Cost
CAD	Computer-Aided Design
CADOP	Conflict and Dual Optimization Program
CADU	Channel Access Data Unit
CAE	Component Acquisition Executive
CAGE	Contractor and Government Entity
CAIG	Cost Analysis Improvement Group
CAIV	Cost As an Independent Variable
Cal	Calibration
Cal/Val	Calibration and Validation
CALS	Continuous Acquisition Life Cycle Support
CAM	Calibration Attitude Maneuver
CAM	Computer-Aided Manufacturing
CAM	Control Account Managers
CAMEX	Convection And Moisture Experiment
CAN	Agreement Change Notice
CAO	Contract Administration Office
CAPS	Cloud and Aerosol Polarimeter Sensor
CARD	Cost Analysis Requirements Description
CARS	Consolidated Acquisition Reporting System
CAS	Contract Administration Services
CAS	Corrective Action System
CAS	Cost Accounting Standard
CASE	Computer-Aided Software Engineering
CAT	Cost Analysis Team
CAWG	Cost Analysis Working Group
CB	Code Block
CB	Coordinated Baseline

Acronym	Description
CBB	Contract Budget Base
CBC	Common Booster Core
CBD	Commerce Business Daily
CBD	Configured Baseline Document
CBG	Carrier Battle Group
CBH	Cloud Base Height
CBOD	Clamp Band Opening Device
CBSL	Coordinated Baseline Status List
CBT	Computer-Based Training
CCA	Component Cost Analysis
CCA	Contamination Control Analysis
CCAM	Collision and Contamination Avoidance Maneuver
CCAS	Cape Canaveral Air Force Station
CCB	Change Control Board
CCB	Configuration Control Board
CCBD	Configuration Control Board Directive
CCD	Charge-Coupled Device
CCDR	Contractor Cost Data Report
CCDR	Contractor Cost Data Reporting
CCDRDP	Contract Cost Data Reporting Data Plan
CCI	Controlled Cryptographic Item
CCM	Configuration Control Module
CCN	Contract Change Notice
CCP	Contamination Control Plan
CCR	Cloud Cover Radiometer
CCR	Configuration Change Request
CCRT	Contingency Command Review Team
CCSDS	Consultative Committee on Space Data Systems
CCSS	Consolidated Critical Support System
CCT	Computer Compatible Tape
CCT	Control Channel Toolkit
CCTV	Closed Circuit Television
CD	Compact Disc
CD ROM	Compact Disc-Read Only Memory
CD/V	Concept Demonstration/Validation Acquisition Phase
CDA	Command and Data Acquisition
CDA	Critical Design Audit
CDAS	Climate Data Assimilation System
CDB	Comments Database (ISCRs)

Acronym	Description
CDCR	Conceptual Design and Cost Review
CDDIS	Crystal Dynamics Data Information System
CDDR	Consolidated Delivered Data Report
CDDR	Consolidated Data Delivery Report
CDF	Common Data Format
CDF	Contractor Development Facilities
CDFCB-X	Common Data Format Control Book – External
CDFS II	Cloud Depiction and Forecast System
CDHS	Command and Data Handling Subsystem
CDL	Common Data Link
CDM	Configuration Data Management
CDOS	Customer Data and Operations System
CDP	Climate Data Product
CDP	Command and Data Processor
CDR	Climate Data Record
CDR	Critical Design Review
CDRL	Contract Data Requirements List
CDRs	Climate Data Records
CDSR	Cost Data Summary Report
CDW	Critical Design Walkthrough
CE	Customer Edge Router
CE/D	Concept Exploration/Definition
CECIL	C-Extended Command Interface Language
CED	Command Encryption Device
CEES	Committee on Earth and Environmental Sciences
CENR	Committee on Environment and Natural Resources
Centrals	Central Weather Data Processing Facilities
CEO	Chief Executive Officer
CEOS	Committee on Earth Observation Satellites
CEP	Circular Error Probable
CEP	Command Encryption Processor
CEPS	Cloud Effective Particle Size
CER	Cost Estimating Relationship
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERES	Clouds and Earth Radiant Energy System
CET	Contractual Engineering Tasks
CEVMS	Common Earned Value Management System
CF	Central Facility
CFA	Centaur Forward Assembly

Acronym	Description
CFCs	chlorofluorocarbons
CFI	Call for Improvement
CFLOS	Cloud-Free Line of Sight
CFR	Code of Federal Regulations
CFSR	Contract Funds Status Report
Cg	Center of Gravity
CGAP	Conditional General Availability Program
CGLT	Space-ground link terminal
CGMS	Coordination Group for Meteorological Satellites
CH4	Methane
CHSA	Course Horizon Sensor Assembly
CHW	Computer and Storage HWCI
CI	CARD Integrator
CI	Configuration Item
CIE	Office symbol for DMSP current operations at SMC
CIESIN	Consortium for International Earth Science Information Networks
CIMSS	Cooperative Institute for Meteorological Satellite Studies
CINC	Commander-In-Chief
CIP	Common Imaging Processor
CIP	Contract Implementation Plan
CIPT	Contracts/Cost Integrated Product Team
CIS	Common Interfaces and Services
CISF	Consolidated Integrated Support Facility
CLAES	Cryogenic Limb Array Etalon Spectrometer
CLASS	Comprehensive Large Array-Data Stewardship System
CLCW	Command Link Control Word
CLG	Command Load Generation
CLIN	Contract Line Item Number
CLIVAR	Climate Variability (and Predictability International Program)
CLM	Centralized Logistics Management
CLS	Collecte Localisation Satellites
CLSC	Contractor Logistic Support Commitment
CLSRB	Current Launch Schedule Review Board
CLTU	Command Link Transmission Unit
CLWC	Cloud Liquid Water Content
Cm	Centimeters
CM	Configuration Management
CM	Cost Model
CM	Cryptographic Module

Acronym	Description
cm/m²	centimeters per square meter
CMAFS	Chyenne Mountain Air Force Station
CMCC	Canadian SARSAT Mission Control Center
CMD	Command
CMI	Configuration Management Instruction
CMIS	Conical Scanning Microwave Imager Sounder
CMM	Communications Manager Module
CMM	Configuration Management Manual
CMM	Capabilities Maturity Model
CMMI	Capability Maturity Model Integrate
CMO	Configuration Management Office
CMO	Configuration Management Officer
CMOC	Cheyenne Mountain Operations Center
CMP	Convergence Master Plan
CMS	Configuration Management System
CNC	Computer Numerical Control
CNES	French Centre Nationale D'Etudis Spatiale
CNMOC	Commander, Naval Meteorology and Oceanography Center
CNO/N096	Chief of Naval Operations for Oceanography
CNR	Carrier-to-Noise Ratio
CO	Colorado
CO	Carbon Monoxide
CO	Contracting Officer
CO2	Carbon Dioxide
COADS	Comprehensive Ocean-Atmosphere Data Set
COAP	Center for Ocean Analysis and Prediction
COARE	Combined Ocean-Atmosphere Research Experiment
COB	Chip On board
COBRA	Cost, Operational Benefit, And Requirements Analysis
COCOM	Combatant Command
CODMAC	Committee on Data Management, Archiving, and Computation
COE	Common Operating Environment
COEA	Cost and Operational Effectiveness Analysis
Coeff	Coefficient
COFUR	Cost of Fulfilling User Requests
COI	Critical Operational Issue
Co-I	Co-Investigator
COLA	Center for Ocean-Land-Atmosphere
COLGATE	Comprehensive Objective Look at Ground Architecture Trades and Evaluation

Acronym	Description
COM	Component Object Model
COM	Cost Of Money
COMPASS	Computer Optimization for Predicting and Analyzing Support Structures
COMPUSEC	Computer Security
COMSAT	Commercial Satellite
COMSAT	Communications Satellite
COMSEC	Communications Security
COMSUM	Combined Summary
CONOPS	Concept of Operations
CONUS	Continental United States
COOLLAR	Cryogenic On-Orbit Long Life Active Refrigerator
COP	Cloud Optical Properties
COP	Command Operations Protocol
COP-1	Command Operations Protocol-1
COR	Consolidated Operations Room
CORBA	Common Object Request Broker Architecture
COSPAR	Committee on Space Research
COSPAS	Russian for Space System for Search of Vehicles in Distress
COT	Cloud Optical Thickness
COTR	Contracting Officer's Technical Representative
COTS	Commercial Off-The-Shelf
CP	Certificate Policy
CPAF	Cost Plus Award Fee
CPAR	Contractor Performance Assessment Report
CPARS	Contractor Performance Assessment Reporting System
CPCI	Computer Program Configuration Item
CPE	Customer Premise Equipment
CPFF	Cost Plus Fixed Fee
CPI	Continuous Process Improvement
CPI	Cost Performance Index
CPIF	Cost Plus Incentive Fee
CPIN	Computer Program Identification Number
CPR	Cost Performance Report
CPS	Certification Practices Statement
CPS	Condensation Pressure Speed
CPSG	Cryptological Systems Group
CPSR	Contractor Procurement System Review
CPU	Central Processing Unit
CPU	Computer Processing Unit

Acronym	Description
CPVP	Calibration and Product Validation Plan
CR	Change Request
CRB	Change Review Board
CRC	Cyclical Resource Code
CRC-32	Cyclic Redundancy Check – 32 bit
CRD	Capstone Requirements Document (AFSPC)
CRIMS	Cost-Risk Identification and Management System
CrIMS	Cross-track Infrared Microwave
CrIMSS	Cross-track Infrared Microwave Sounder Suite
CrIS	Cross-track Infrared Sounder
CrMS	Cross-track Microwave Sounder
CrMTS	Cross-track Microwave Temperature Sounder
CRYSYS	Cryospheric System
CS	Communication Subsystem
CS	Competition Sensitive
CSAT	Constellation Sustainment Assessment Team
CSC	Computer Software Component
CSCI	Computer Software Configuration Item
CSDGM	Content Standard for Digital Geospatial Metadata
CSE	Common Support Equipment
CSEA	Contamination Sources and Effects Analysis
CSES	Center for the Study of Earth from Space
CSIE	C3S / Signal Processing Subsystem (SPS) Interface Emulator
CSIM	Cryogenic Systems Integration Model
CSMSDAS	Computer Systems Management and Scientific Data Analysis Support
CSN	Collection Short Name
CSOC	Consolidated Space Operations Center
CSP	COMSEC Security Plan
CSRD	Common Section of the Sensor Requirements Document
CSSA	Course Sun Sensor Assembly
CSTOL	Colorado System Test and Operations Language
CSU	Computer Software Unit
CSULA	California State University, Los Angeles
CSWE	Chief Software Engineer
CT	Cypher Text
CT	Cross Track
CTC	Command and Telemetry Controller
CTF	Combined Test Force
CTI	Command and Telemetry Interface

Acronym	Description
CTIU	Cypher Text Interface Unit
CTP	Cloud Top Pressure
CTSEDD	(VIIRS) Command, Telemetry, Science, and Engineering Data Description
CTT	Cloud Top Temperature
CTU	Command and Telemetry Unit
CTV	Compatibility Test Van
CV	Cost Variance
CVCDU	Coded Virtual Channel Data Unit
CVCM	Collected Volatile Condensable Material
CVd	Daily Crypto-Variable Key
CVDB	Cal Val Database
CVS	Calibration Validation Subsystem
CVWG	Calibration/Validation Working Group
CWA	Clean Work Area
CWBS	Contract Work Breakdown Structure
CZCS	Coastal Zone Color Scanner
D	
D	Demonstration
D&D	Design and Development
D/L	Downlink
DA	Data Accountability
DA	Data Availability
DAA	Designated Accreditation Authority
DAA	Designated Approving Authority
DAAC	Distributed Active Archives Center
DAB	Defense Acquisition Board
DAC	Days After Contract Start
DAC	Designated Acquisition Commander
DADD	Detailed Architecture Description Document
DADS	Data Archive and Distribution System
DAE	Defense Acquisition Executive
DAES	Defense Acquisition Executive Summary (Report)
DAL	Data Accession List
DAS	Detailed Activity Schedule
DAT	Digital Audio Tape
DAU	Decryptor-Authenticator Unit
DB	Database
dB	Decibels
DB	Direct Broadcast

Acronym	Description
dCDR	Delta Critical Design Review
DBA	Database Administrator
DBMS	Database Management System
dBpT	decibels above one picoTesla (magnetic flux density)
dBW	Decibel (referenced to 1 Watt)
dc	direct current
DCA	Defense Contracting Agency
DCAA	Defense Contract Audit Agency
DCCS	Distributed Command and Control System
dCDR	Delta Critical Design Review
DCFI	Draft Call For Improvement
DCLS	Data Collection and Location System
DCMA	Defense Contract Management Agency
DCMC	Defense Contract Management Command
DCN	Document Change Notice
DCO	Document Change Order
DCP	Data Collection Platform
DCS	Data Collection System
DCS	Detailed Coordination Schedule
DCW	Digital Chart of the World
DD	Data Delivery
DDAN	Delivered Data Automated Notification
DDAN	Deliverable Data Automated Notification
DDD	Data Denial Directive
DDR	Data Delivery Report
DDR	Delivered Data Report
DDS	Data Delivery Subsystem
DDT&E	Design, Development, Test and Evaluation
DE	Downing Event
DE	Dynamics Explorer
DEC	DEC Digital Equipment Corporation
DED	Design Engineering Difficulty
deg	Degrees
DEM	Digital Elevation Model
Dem/Val	Demonstration and Validation
DES	Data Encryption System
DES	Digital Encryption System
DEW	Defense Early Warning
DEW	Directed Energy Weapon

Acronym	Description
DFAR	DOD Federal Acquisition Regulation
DFCB	Data Format Control Book
DFR	Directorate Formulation Review
DGM	Detailed Geometric Model
DHF	Data Handling Facility
DHN	Data Handling Network
DHN	Data Handling Node
DI	Data Item
DI	Design Integration
DIAL	Differential Absorption Lidar
DIAR	Defense Intelligence Agency Regulation
DID	Data Item Description
DIGS	DMSP Image Generation System
DII	Defense Information Infrastructure
DII-COE	Defense Information Infrastructure Common Operating Environment
DIRD	Database Interface Requirements Document
DIS	Data and Information System
DISN	Defense Information System Network
DITL	Day In The Life
DITSCAP	Department of Defense Information Technology Security Certification and Accreditation Process
DJSM	Director, Joint Staff Memo
DKS	Digital Keyset
DLI	Discussion List Item
DLR	Downward Longwave Radiation
DLS	Dynamic Limb Sounder
DM	Data Management
DM	Data Manager
DM	Delay in Maintenance
DM	Disposal Mode
DMA	Defense Mapping Agency
DMC	Data Mapping Constraints
DMDM	Direct Mode Data Message
DMF	Decommutated Mnemonic Format
DMO	Data Management Operations
DMR	Data Monitor and Recovery
DMR	Data Monitoring and Retrieval
DMS	Data Management Subsystem
DMS	Diminishing Manufacturing Sources

Acronym	Description
DMSP	Defense Meteorological Satellite Program
DMZ	De-Militarized Zone
DN	Digital Number
DNA	Defense Nuclear Agency
DNB	Day Night Band
DND	Department of National Defense
DNS	Domain Name Server
DNS	Domain Name Service
Do	Operational Dependability
DoC	Department of Commerce
DOC	Department of Commerce
DoD	Department of Defense
DOD	Department of Defense
DOD	Depth of Discharge
DODD	Department of Defense Directive
DODI	Department of Defense Instruction
DOD-STD	Department of Defense Standard
DOE	Department of Energy
DOI	Department of the Interior
DOMSAT	Domestic Satellite
DOPLID	Doppler Lidar
DORIS	Doppler Orbitography and Radio positioning Integrated by Satellite
DoS	Denial of Service
DOS	Department of State
DP	Data Product
DP	Delta Position (Change in Position)
DPE	Data Processor Element (IDPS/FTS)
DPM	Daily Planning Meeting
DPPr	Driving Performance Parameter
DPS	Data Processing Segment
DPSA	Dark Pixel Sub Algorithm
DPSE	Data Product System Engineering
DQE	Data Quality Engineer
DQM	Data Quality Monitoring
DQN	Data Quality Notification
DQTT	Data Quality Threshold Table
DR	Delivery Report
DR	Derived Requirement
DR	Discrepancy Report

Acronym	Description
DRB	Defense Resources Board
DRB	Delivery Review Board
DREW	Defense Research and Engineering Network
DRF	De-Orbit Reference Frame
DRFP	Draft Request For Proposals
DRL	Documentation Requirement List
DRO	Direct Readout
DRR	Data Routing and Retrieval
DRS	Data Relay Satellite
DRS	Design Reference System
DS	Data Server
DS	Delivery Statistics
DS	Digital Signature
DSAT	Dynamic System Analysis Tool
DSB	Direct Sounding Broadcast
DSN	Deep Space Network
DSN	Defense Switched Network
DSP	Defense Support Program
DSP	Digital Signal Processing
DST	Decision Support Tool
DSU	Data Server Unit
DSU	Digital/Data Storage Unit
DT	Development Test
DT&E	Developmental Test and Evaluation
DT/OT	Development Test/Operational Test
DTCD	Data Transport Control Document
DTD	Data Type Definition
DTM	Dual Thruster Module
DTMM	Detailed Thermal Math Model
DTP	Detailed Test Plan
DTR	Digital Tape Recorder
DU	Dobson Unit (atm-cm)
DV	Delta Velocity (Change in Velocity)
DVD	Digital Video Disk
DWDM	Dense Wave Division Multiplexing
DWS	Doppler Wind Sensor
E	
E	Ionosphere Region Designator
e.g.	exempli gratia (for example)

Acronym	Description
EA	Environmental Assessments
EA	Event Alerts
EAC	Estimate At Completion
EADD	Engineering, Analysis, Design, and Development
EAGE	Electronic Aerospace Ground Equipment
EAGLE	Enhanced Automated Graphical Logistics Environment
EAP	Extended Application Packet
Eb/No	Energy per bit to Noise power density ratio
EBBT	Equivalent Black Body Temperatures
EC/EDI	Electronic Commerce/Electronic Data Interchange
EC1	End of Contract, CLIN 0001
ECA	Earth Coverage Antenna
ECA	External Certificate Authority
ECC	Elliptical Curve Cryptography
ECC	Error Correction Code
ECCM	Electronic Counter-Countermeasures
ECD	Estimated Completion Date
ECDH	Elliptic Curve Diffie Hellman
ECDSA	Elliptic Curve Digital Signal Algorithm
ECEF	Earth Centered Earth Fixed Reference Frame
ECI	Earth Centered Inertial
ECLCW	Extended Command Link Control Word
ECP	Engineering Change Proposal
ECR	Engineering Change Request
ECS	EOS Data and Information System Core System
ECT	External Calibration Target
ED	Engineering Directive
EDAC	Error Detection and Correction
EDAMS	Electronic Data And Management System
EDC	EROS Data Center
EDES	Electronic Data Exchange System
EDGE	Environmental Data Graphical Evaluator
EDI	Electrical Design Integration
EDI	Electronic Data Interchange
EDLM	Emergency on-site Depot Level Maintenance
EDOS	EOS Data and Operations System
EDP	Electron Density Profiles
EDR	Environmental Data Record
EDRD	Electronic Data Requirements Document

Acronym	Description
EDRIR	Environmental Data Record Interdependency Report
EDRPR	Environmental Data Record Production Report
EDS	Electrical Distribtuion Subsystem
EDS	External Distribution Subsystem
EDT	EST Data Transmitter
EDU	Engineering Data Unit
EDU	Engineering Design Unit
EDU (EDU3, …)	Engineering Development Unit
EED	Electro-Explosive Device
EEE	Electrical, Electronic and Electro-mechanical
EELV	Evolved Expendable Launch Vehicle
EELV-M	Evolved Expendable Launch Vehicle-Medium
EEM	Electrical Emulator Module
EEM	Electrical Engineering Model
EEMTB	Electrical Engineering Model Test bed
EEPROM	Electrically Erasable Programmable Read Only Memory
EESS	Earth Environmental Sensor Systems
EGSE	Electrical Ground Support Equipment
EH&S	Environmental Health and Safety
EIA	Earth Incidence Angle
EIA	Electronic Interface Assembly
EIAP	Environmental Impact Analysis Process
EICO	Export/Import Compliance Office
EIDP	End Item Data Package
EIFOV	Effective Instantaneous Field of View
EIP	Employee Incentive Plan
EIR	Environmental Impact Report
EIRP	Effective Isotropic Radiated Power
EIS	Environmental Impact Statement
EKMS	Electronic Key Management System
ELDRS	Enhanced Low Dose Rate Sensitivity
E-LIDAR	Experimental Lidar
ELSET	Element Set
ELT	Emergency Location Transmitter
ELV	Expendable Launch Vehicle
EM	Engineering Model
EM	Enterprise Management
EM	Enterprise Manager
E-M	Electro-Magnetic

Acronym	Description
EMC	Electromagnetic Compatibility
EMCFA	Electro-Magnetic Compatibility Frequency Analysis
EMD	Engineering and Manufacturing Development
EMI	Electromagnetic Interference
EMIC	Electromagnetic Interference Capability
EMISM	Electromagnetic Interference Safety Margin
EMOC	Enterprise Management Operations Center
EMOC	Enterprise Management Operations Controller
EMOC	EOSDIS Mission Operations Center
EMOS	ECS Mission Operations System
EMS	Enterprise Management Systems
E-MSDS	External Mission Support Data Server
EMT	Enhanced Modulation Techniques
EN	Evaluation Notice
ENSO	El Nino-Southern Oscillation
ENVISAT	Environmental Satellite
EO	Electro-Optical
EO	Executive Order
E-O	Electro-Optic
EOC	EOS Operations Center
EOC	End of Contact
EOD	Explosive Ordinance Device
EO-ICWG	Earth Observations International Coordination Working Group
EOL	End of Life
EOPM	Electro-Optic Phase Modulation
EOPS	Early Orbit Pass Summary
EORC	Early Orbit Rehearsal Committee
EORP	Early Orbit Run Plan
EOS	Earth Observation Satellite
EOS	Earth Observing System
EOSDIS	Earth Observing System Data and Information System
EOS-G	EOS-Goddard
EOSP	Early Orbit Support Plan
EOSP	Earth Observing Scanning Polarimeter
EOT	Early Orbit Team
EOTDA	Electro-Optical Tactical Decision Aid
EPA	Environmental Protection Agency
EPC	Electronic Production Center
EPCRA	Emergency Planning and Community Right-to-Know Act

Acronym	Description
EPGS	EOS Polar Ground Station
EPHIN	Electron, Proton, Helium Instrument
EPIRB	Emergency Position Indicating Radio Beacon
EPM	Earth Point Mode
EPO	EOS Project Office
EPS	Electrical Power Subsystem
EPS	EUMETSAT Polar System
EQ	Equipment
ER	Environmental Reports
ERAST	Environmental Research Aircraft Sensor Technology
ERB	Earth Radiation Budget
ERB	Engineering Review Board
ERBE	Earth Radiation Budget Experiment
ERBS	Earth Radiation Budget Satellite
ERBS	Earth Radiation Budget Sensor
ERBS	Earth Radiation Budget Suite
EREPS	Engineering Refractive Effects Prediction System
ERL	Environmental Research Laboratory
EROS	Earth Remote Observing Satellite
EROS	Earth Resources Observation System
ERS	Earth Resources Satellite
ERSTA	Environmental Remote Sensing Technology Applications
ERTS-1	Earth Resources Technology Satellite-1
ESA	Earth Sensor Assembly
ESA	European Space Agency
ESC	Equipment Status and Control^{TM} Software
ESAD	Earth Science and Applications Division (NASA HQ)
ESD	Electronic Schedule Dissemination
ESD	Electro-Static Discharge
ESE	Earth Science Enterprise
ESH	Environmental Safety and Health
eSIR	Electronic Supplier Information Request
ESMR	Electrically Scanning Microwave Radiometer
ESOC	Environmental Satellite Operations Center at Schriever AFB, CO
ESPC	Environmental Satellite Processing Center
ESSA	Environmental Science Service Administration
ESSC	Earth System Sciences Committee
ESSE	Earth System Science Education
ESSP	Earth System Science Pathfinder

Acronym	Description
EST	Equipment Status Telemetry
ET	Ephemeris Table
ETC	Estimate-to-Complete
ETE	End-to-End
ETM	Enhanced Thematic Mapper (Landsat)
ETS	Experimental Test Site
ETU	Engineering Test Unit
EU	Engineering Unit
EUMETSAT	European Meteorological Satellite
EUMETSAT	European Organisation for the Exploitation of Meteorological Satellites
EURD	End User Requirements Documents
EUV	Extreme Ultra Violet
EV	Earned Value
eV	Electron-Volt
EVCDU	Extended Virtual Channel Data Unit
EVI	Enhanced Vegetation Index
EVM	Earned Value Management
EVMIG	Earned Value Management Implementation Guide
EVMS	Earned Value Management System
EVMSC	Earned Value Management Systems Criteria
EW	Electronic Warfare
EWR	Eastern and Western Ranges
EWRR	Eastern Western Range Safety Requirements
EWS	Environmental Weather System
EXCOM	Executive Committee
F	
F&W	Forecasts and Warnings
F/L	Forward Link
F2F (FTF)	Face-to-Face
FA&T	Fabrication, Assembly, and Testing
FAA	Federal Aviation Administration
FAFB	Falcon Air Force Base
FAR	Federal Acquisition Regulation
FAR	Flight Acceptance Review
FARM	Frame Acceptance and Reporting Mechanism
FAS	Functional Architecture Study
FASCODE	Fast Atmospheric Signature Code
FASTC	Foreign Aerospace Science and Technology Center
FAT	Factory Acceptance Test

Acronym	Description
FAX	Facsimile
FBCA	Federal Bridge Certification Authority
FBCB2	Force XXI Battle Command – Brigade and Below
FBSOC	Falcon Back-up Satellite Operations Center
FBT	Fixed Base Test
FC	Fibre Channel
FCA	Functional Configuration Audit
FCC	Federal Communications Commission
FCCSET	Federal Coordinating Council for Science, Engineering, and Technology
FCHR	Functional Cost-Hour Report
FCI	Four Channel Interface
FCMDR	Flight Commander
FCP	Fibre Channel Protocol
FDD	Functional Description Document
FDDI	Fiber Distributed Data Interconnect
FDIR	Fault Detection Identification and Resolution
FDO	Fee Determining Official
FDS	Flight Demonstration System
FDU	Frame Data Unit
FEC	Forward Error Correcting
FED	Federal
FEM	Finite Element Model
FEP	Front-End Processor
FESU	Flywheel Energy Storage Unit
FFBD	Functional Flow Block Diagram
FFP	Firm-Fixed Price
FFRDC	Federally Funded Research and Development Center
FFT	Fast Fourier Transform
FGDC	Federal Geographic Data Committee
Ficon	Fibre Connectivity
FIFE	First ISLSCP Field Experiment
FIFO	First-In First-Out
FIP	Facilities Implementation Plan
FIPT	Financial Integrated Product Team
FIRE	First ISCCP Regional Experiment
FIST	Factory Inter-Site Test
FLENUMMET	Fleet Numerical Meteorology and Oceanography Center
FLTCAT	Star Loads Catalog
FM	Field Manual

Acronym	Description
FM (FM1, FM2, …)	Flight Model
FM	Frequency Modulated
FMC	Full Mission Capability
FMCC	French SARSAT Mission Control Center
FMEA	Failure Modes and Effects Analysis
FMECA	Failure Mode, Effects and Criticality Analysis
FMH	Federal Meteorological Handbook
FMH	Free Molecular Heating
FMU	Formatter Multiplexer Unit
FNLT	Finish No Later Than
FNMOC	Fleet Numerical Meteorology and Oceanography Center
FNOC	Fleet Naval Oceanographic Center
FOC	Full Operational Capability
FOM	Flight Operations Manual
FOO	Flight of Opportunity
FOP	Flight Operations Plan
FOR	Field Of Regard
FORTRAN	Formula Translation
FOS	Flight Operations Segment
FOT	Flight Operations Team
FOT&E	Follow-on Operational Test and Evaluation
FOT&E	Full Operational Test and Evaluation
FOUO	For Official Use Only
FOV	Field of View
FP	Functional Protocol
FPA	Focal Plane Array
FPA	Focal Plane Assembly
FPIF	Fixed Price Incentive Fee
FPKIA	Federal Public Key Infrastructure Architecture
FPM	Fine Point Mode
FPR	Final Proposal Revision
FPRR	Flight Preliminary Requirements Review
FQR	Formal Qualification Review
FQT	Factory Qualification Test
FQT	Formal Qualification Test
FQT	Functional Qualification Test
FRM HDR	Frame Header
FRR	Flight Readiness Review
FS	File Server

Acronym	Description
FS	File System
FSD	Full-Scale Development
FSL	Forecast Systems Laboratory
FSOC	Fairchild Satellite Operations Center
FSOS	Flight Support Operations and Services
FSS	Fine Sun Sensor
FSS	Flight Software Subsystem
FST	Field Support Terminal
FST	Forward Status Table
Fsu	Factor of Safety – ultimate
FSU	Former Soviet Union
FSW	Flight Software
FSWWG	Flight Software Working Group
Fsy	Factor of Safety – yield
FT	Field Terminal
ft	foot or feet
FT	Functional Test
FTA	Functional Test Assembly
FTE	Field Terminal Element (FTS)
FTE	Full-Time Equivalent
FTF	Face to Face
FTP	File Transfer Protocol
FTPK	Flat Pack
FTP-S	Secure File Transfer Protocol using TLS/SSL
FTr	Reference Field Terminal
FTS	Field Terminal Segment
FTT	Functional/Thread Test
FU	Flight Unit
FUT	Fixed Umbilical Tower
FUV	Far Ultra-Violet
FVS	Flight Vehicle Simulator
FW	Firewall
FY	Fiscal Year
FYDP	Future Years Defense Plan (Formerly Five Year Defense Program)
G	
G	Giga (1 billion)
g	Gram
g	Gravity
G&A	General and Administrative

Acronym	Description
g/m³	Grams Per Cubic Meter
G/T	Gain to noise Temperature ratio
G/T	Receive Antenna Gain / Thermal Noise Temperature
GaAs	Gallium Arsenide
GAC	Global Area Coverage
GACP	Global Aerosol Climatology Project
GAIM	Global Analysis, Interpretation, and Modeling (Program)
GAME	Generalized Automated Maintenance Environment
GAO	General Accounting Office
GAP	Generalized Availability Program (Software)
GARP	Global Atmospheric Research Program
GAVA	GPSOS Anti-Velocity Antenna
GBAD	Global Based Attitude Determination
GBL	Government Bill(s) of Lading
Gbps	gigabits per second
GCC	Global Change Category
GCC	Ground Command Count
GCDIS	Global Change Data and Information System
GCE	Ground Control Equipment
GCM	General Circulation Model
GCOS	Global Climate Observing System
GCR	Galactic Cosmic Ray
GCRP	Global Change Research Program
GCS	Ground Contact Schedule
GCSS	GEWEX Cloud System Study
GCTE	Global Change and Terrestrial Ecosystems Program of the IGBP
GCVT	Government Calibration/Validation Team
GD1	First Ground Demonstration
GD2	Second Ground Demonstration
GD3	Third Ground Demonstration
GDA	Gimbal Drive Assembly
GDAS	Ground Data Assimilation System
GEDEX	Greenhouse Effect Detection Experiment
GEM	Ground station EVCDU Manager
GEMS	Global Environmental Monitoring System
GEO	Geosynchronous Orbit
Geosat	Geodesy Satellite (Navy)
GEU	GPSOS Electronics Unit
GeV	Giga-electron Volts

Acronym	Description
GEWEX	Global Energy and Water Cycle Experiment
GFE	Government Furnished Equipment
Gflops	Billions of Floating Point Instructions per Second
GFM	Government Furnished Material
GFO	GEOSTAT Follow-on
GFP	Government Furnished Property
GFRC	Glass Fiber Reinforced Concrete
GFRP	Glass Fiber Reinforced Polymer
GFS	Global Forecast System
GFY	Government Fiscal Year
GGI	GPS Geoscience Experiment
GGS	Global Geospace Science
GGT	GLONASS GPSOS Time
GHz	Giga-Hertz
GIFTS/IOMI	Geostationary Imaging Fourier Transform Spectrometer/Indian Ocean Microwave Imager
GIID	General Instrument Interface Document
GIG	Global Information Grid
GIG CRD	Global Information Grid Capstone Requirements Document
GIRD	General Interface Requirements Document
GIM	Global Integration and Modeling
GIMMS	Global Inventory Modeling and Monitoring study
GIS	Geographic Information System
GIS	Graphical Information System
GISF	Ground Integrated Support Facility
GISS	Goddard Institute for Space Studies
GLAS	Geoscience Laser Altimeter System (formerly GLRS-A)
GLI	Global Imager
GLOCHEM	Global Observations of Atmospheric Chemistry
GLONASS	Russian Global Navigation Satellite System
GLRS-A	Geoscience Laser Ranging System-Altimeter
GLRS-R	Geoscience Laser Ranging System-Ranger
GLS	Ground Link Simulator
gm	Gram
GMM	Geometric Math Model
GMS	Geostationary Meteorological Satellite
GMT	Greenwich Mean Time
GMTI	Ground Moving Target Indicator
GN	NASA Ground Network

Acronym	Description
GN&C	Guidance, Navigation, and Control
GNCC	Guidance, Navigation, and Control Controller
GND	Ground
GNP	Gross National Product
GNSS	Global Navigation Satellite System
GNSS	Ground Network Scheduling System
GO	Ground Operations
GOALS	Global Ocean-Atmosphere-Land System
GOAS	Global Data Assimilation System
GOES	Geostationary Operational Environmental Satellite
GOME	Global Ozone Monitoring Experiment
GOMOS	Global Ozone Monitoring by Occultation of Stars
GOMR	Global Ozone Monitoring Radiometer
GOOS	Global Ocean Observing System
GORD	Ground Segment Operability Requirements Document
GORR	Ground Operations Readiness Review
GOS	Geomagnetic Observing System
GOTS	Government Off-The-Shelf
GOWG	Ground Operations Working Group
GP	(Office of) Global Programs
GP	General Perturbations
GPC	Global Processing Center
GPCP	Global Precipitation Climatology Project
GPG	General Purpose Gateway
GPG	Goddard Procedures Guidelines
GPS	Global Positioning Satellite
GPS	Global Positioning Sensor
GPS	Global Positioning System
GPSDR	Global Positioning System Demonstration Receiver
GPSOS	Global Positioning System Occultation Sensor
GPSR	Global Positioning System Receiver
GPSRA	GPS Receiver Assembly
GR	ground readiness
GRACE	Gravity Recovery and Climate Experiment
GRAS	GNSS Receiver for Atmospheric Sounder
GRCI	General Research Corporation International
GRF	Geodetic Reference Frame
GRIB	GRIdded Binary
GRR	Ground Readiness Review

Acronym	Description
GS	Ground Segment
GS	Ground Station
GSA	General Services Administration
GSA	Gridded Surface Albedo
GSCDR	Ground Segment Critical Design Review
GSD	Ground Sample Distance
GSE	Ground Station Element
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center
GSI	Ground Segment Integration
GSIF	Ground Station Interface Facility
GSM	Global Spectral Model
GSN	Ground Support Node/Network
GSPP	Ground Station Pre-Processor (this is the CCSDS Processor)
GSPP	Ground Station Preprocessor Subsystem
GSR	Ground Sampled Resolution
GSRR	Ground Segment Requirements Review
GSRS	Ground Segment Requirements Specification
GSVP	Ground Segment Verification Plan
GSVWG	Ground Segment Verification Working Group
GT	GPSOS Time
GT	Ground Terminal
GTCE	Global Tropospheric Chemistry Experiment
GTE	Global Tropospheric Experiment
GTM	Ground Track Mercator
GTOS	Global Terrestrial Observing System
GTS	Global Telecommunications System
GTWAPS	Global Theater Weather Analysis and Prediction System
GUI	Graphical User Interface
GVA	GPSOS Velocity Antenna
GZA	GPSOS Zenith Antenna
H	
H&S	Health and Status
H/W	Hardware
HAC	House Appropriations Committee
HALOE	Halogen Occultation Experiment
HAPEX	Hydrological-Atmospheric Pilot Experiment
HASC	House Armed Services Committee
HBCU	Historically Black College and University

Acronym	Description
HCI	Human Computer Interface
HCMM/AEM-1	Heat Capacity Mapping Mission/Applications Explorer Mission
HCS	Horizontal Cell Size
HDBK	Handbook
HDF	Hierarchical Data Format
HDF-EOS	Hierarchical Data Format – Earth Observing System
HDF4	Hierarchical Data Format, Release 4
HDF5	Hierarchical Data Format, Release 5
HDOS	Hughes-Danbury Optical Systems
HDR	High Data Rate
HEASARC	High Energy Astrophysics Science Archive Research Center
HEDS	Human Exploration and Development of Space
HEO	Highly Elliptical Orbit
HEPS	High Energy Particle Spectrometer
HESSI	High Energy Solar Spectroscopic Imager
HET	Hardware Evaluation Team
HF	High Frequency
HGA	High Gain Antenna
HI	Hardware Item
HIA	High Incidence Angle Microwave Radiometry
HIDS	Host Intrusion Detection System
HIJACK	Data Conversion Software
HILAT	High Latitude
HIMSS	High-Resolution Microwave Spectrometer Sounder (replaced by MIMR)
HIRAS	High Resolution Analysis System
HIRDLS	High-Resolution Dynamics Limb Sounder
HIRIS	High-Resolution Imaging Spectrometer
HIRS	High Resolution Infrared Radiation Sounder
HIS	High-Resolution Interferometer Sounder
HIS	Human Systems Integration
HK	Housekeeping
HK-TLM	Housekeeping Telemetry
HLA	High-level architecture
HLM	HRD/LRD Monitor
HLM	HRD/LRD Monitoring
HLP	High-Level Pulse
HMI	Human Machine Interface
HMC	Hardware Maintenance Console
HMC	Hardware Management Console

Acronym	Description
HMMP	Hazardous Materials Management Program
HMMR	High-Resolution Multifrequency Microwave Radiometer
HNS	Hughes Network Services
HOSV	Hyper Orbital Servicing Vehicle
HOTS	Holographic Optical Telescope and Scanner
HP	Hewlett Packard
HPA	High Power Amplifier
HPBW	Half Power Beam Width
HPC	Heavy Payload Class
HPC	High Performance Computing
HPCC	High Performance Computing and Communications
HPOV	Hewlett Packard Open View^{TM}
HQ	Headquarters
HR	Horizontal Resolution
HR	Human Resources
HRCP	High Resolution Cloud Prognosis
HRD	High Rate Data
HRD	High Resolution Data
HRDI	High-Resolution Doppler Imager
HRI	Horizontal Reporting Interval
HRMA	High Resolution Mirror Assembly
HROI	High-Resolution Optical Instrument
HRPT	High Resolution Picture Transmission
Hrs	Hours
HRV	High-Resolution Video (SPOT)
HSB	Humidity Sounder Brazil
HSBC	HUBZone Small Business Concern
HIS	Human System Integration
HSOT	Hardware State of Technology
HSR	Horizontal Spatial Resolution
HSRP	High Speed Research Program
HTML	HyperText Markup Language
HTTP	Hypertext Transfer Protocol
HTTP-S	Hypertext Transfer Protocol Secure
HTTPS	Hypertext Transfer Protocol Secure
HUMINT	Human Intelligence
HVAC	Heating, Ventilation, and Air Conditioning
HW	Hardware
HWCI	Hardware Configuration Item

Acronym	Description
HWI	Hardware Interface
HWRS	Hardware Requirements Specification
Hz	Hertz
I	
I	Inspection
I&R	Interface and Routing
I&RTS	Integration and Runtime Specification
I&T	Integration and Test
I/F	Interface
i.e.	id est (that is)
I/O	Input/Output
IA	Information Assurance
IA	Integrated Avionics
IA&T	Integration, Assembly and Test
IAGA	International Association of Geomagnetism and Aeronomy
IASI	Infrared Atmospheric Sounding Interferometer
IAT	Integration and Test
IAT&C	Integration, Assembly, Test, and Checkout
IAU	International Astronomical Unit
IAW	In Accordance With
IBR	Integrated Baseline Review
I_C	Collector Current
ICARS	Software used by LA
ICBM	Inter-Continental Ballistic Missile
ICC	Instrument Control Center
ICD	Interface Control Document
ICE	Independent Cost Estimate
ICE	Integrated Crew Exercise
ICE	Inter-Center Exercise
ICE	International Commentary Explorer
ICF	Instrument Control Facility
ICMP	Internet Control Message Protocol
ICRR	In-orbit Commissioning Results Review
ICS	Internal Concept Study
ICSR	Issue/Clarification/Support Report/Request form
ICT	Interface Confidence Test
ICT	Internal Calibration Target
ICWG	Interface Control Working Group
ID	Identification

Acronym	Description
ID	Issue Definition
ID	Program Issue Definition/Stability
ID	Technology Implementation Difficulty
IDD	Interface Design Description Document
IDF	Intermediated Distributed Frame
IDFCB	Internal Data Format Control Book
IDM	India Data Monitor
IDMZ	Internet De-Militarized Zone
IDP	Interface Data Processor
IDPS	Interface Data Processing Segment
IDR	Initial Design Review
IDR	Interim Design Review
IDR	Internal Design Review
IDS	Interdisciplinary Science
IDSE	Interface Definition and Support Engineering
IDWG	Interface Definition Working Group
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
IEGSE	Instrument Electrical Ground Support Equipment
IEOS	International Earth Observing System
IER	Interim Evaluation Review
IER	Information Exchange Requirement
IERS	International Earth Rotation Service
IET	Individual EDR retrieval algorithm Test
IET	IDPS Epoch Time
IETF	Internet Engineering Task Force
IF	Infrastructure
IF	Interface
IF	Intermediate Frequency
IFA	Integrated Filter Assembly
IFJ	In-Flight Jumper
IFL	Inter-Facility Link
IFM	Ionospheric Forecast Model
IFOR	Instantaneous Field of Regard
IFOV	Instantaneous Field of View
IFR	Instrument Flight Rules
IGAC	International Global Atmospheric Chemistry
IGAP	International Global Aerospace Program
IGBP	International Geosphere-Biosphere Programme

Acronym	Description
IGN	International Geodesic Network
IGOS	Integrated Global Observing Strategy
IGPS	International Global Positioning System
IGRF	International Geomagnetic Reference Field
IGS	Inertial Guidance System
IGS	Internal Government Studies
IGS	International GPS Service
IGSD	Imaging and Geospatial Systems Division
IGSE	Instrument Ground Support Equipment
IHW	Computer, Storage and Network Subsystem (IDPS Hardware)
II	Interdisciplinary Investigator
II	Interface Integration
IIA	Initial Implementation Agreement
IICDO	Integrated Instrument Control and Data Operations
IJPS	Initial Joint Polar System
IJPS	Initial Joint Polar-Orbiting Satellite system
IJPS	Initial Joint Polar-orbiting System
ILAS	Improved Limb Atmospheric Spectrometer
ILO	Integrated Lights-Out
ILS	Integrated Logistics Support
ILSP	Integrated Logistics Support Plan
ILSWG	ILS Working Group
IM	Instrument Manager
IM	Interface Management
IMAGE	Imager for Magnetosphere-to-Auroral Global Exploration
IMAP	Internet Message Access Protocol
IMAS	Infrared and Microwave Atmospheric Sounder
IMAS	Integrated Multi-spectral Atmospheric Sounder
IMB	Investigator of Micro-Biosphere
IMCS	Integrated Management Control System
IMDC	Integrated Mission Design Center
IMETS	Integrated Meteorological System
IMF	integrated management framework
IMG	Interferometric Monitor for Greenhouse Gases
IMGSE	Instrument Mechanical Ground Support Equipment
IMP	Integrated Master Plan
IMS	Information Management System
IMS	Integrated Master Schedule
I-MSDS	Internal Mission Support Data Server

Acronym	Description
IMT	Instrument Management Team
IMTL	Instrument Management Team Lead
in	inch
IN	Indiana
INF	Infrastructure
INF	Infrastructure Subsystem
INFOSEC	Information Security
ING	Ingest
ING	Ingest Subsystem
INR	Infrastructure, Networks, and Routing
INR	Interface and Routing
IOAR	Interferometer Optical Axis Relative
IOC	Initial Operational Capability
IOC	Intergovernmental Oceanographic Commission
IOM	Input Output Manager
IOO	Instrument of Opportunity
IORD	Integrated Operational Requirements Document
IOT&E	Initial Operational Test and Evaluation
IP	Intermediate Product
IP	Internet Protocol
IPAC	IDPS Performance Acceptance Criteria
IPACS	Integrated Polar Acquisition and Control System
IPB	Intelligence Preparation of the Battlefield
IPC	Intermediate Payload Class
IPC	Inter-Process Communications
IPCC	Intergovernmental Panel on Climate Change
IPCC	International Panel on Climate Change
IPD	Integrated Product Development
IPDR	Integrated Product Design Review
IPDS	Integrated Product Development System
IPEI	Ionosphere Plasma and Electrodynamics Instrument
IPL	Integrated Priority List
IPO	Integrated Program Office
I-P-O	Input – Process – Output
IPPD	Integrated Product and Process Development
IPR	In-Process Review
IPR	In-Progress Review
Ipsec	Internet Protocol Security
IPT	Integrated Product Team

Acronym	Description
IR	Infrared
IRA	Internal Resolutions/Answers
IRAC	Infrared Array Camera
IRAD	Internal Research and Development
IRD	Interface Requirements Document
IRI	International Research Institute
IRIG-B	Inter-Range Instrumentation Group, Type B
IRIS	Infrared Interferometer Spectrometer
IRON	Inter-Range Operating Number
IRPL	Integrated Requirements Priority List
IRR	Incremental Readiness Review
IRTS	Infrared Temperature Sounder
IRU	Inertial Reference Unit
IS	Information Systems
ISA	Internet Security and Acceleration
ISAMS	Improved Stratospheric and Mesospheric Sounder
ISC	Instrument Support Controller
ISC HCI	Integrated Satellite Control Human Computer Interface
ISCCP	International Satellite Cloud Climatology Project
ISD	Initial State Determination
ISEE	International Sun-Earth Explorer
ISEP	Integrated Systems Engineering Plan
ISF	Integrated Support Facility
ISI	Integral Systems, Inc.
ISIL	Interim Support Items List
ISIR	International Space Industry Report
ISLSCP	International Satellite Land Surface Climatology Project
ISN	Integrated Support Node
ISO	International Standards Organization
ISP	Integrated Support Plan
ISP	Interim Science Panel
IST	Ice Surface Temperature
IST	Instrument Support Terminal
IST	Integrated Systems Test
ISTP	International Solar Terrestrial Physics
IT	In Track
IT	Information Technology
IT&L	Integration, Test, and Launch
ITAR	International Trafficking in Arms Regulation

Acronym	Description
ITCZ	Intertropical Convergence Zone
ITD	Inception-To-Date
ITF	Integrated Test Facility
ITIR	Infrared Thermal Imaging Radiometer (renamed ASTER)
ITOS	Improved TIROS Operations System
ITP	Integrated Test Plan
ITPS	Integrated Test Program Schedule
ITRF	International Terrestrial Reference Frame
ITRR	Integration and Test Readiness Review
ITS	Information, Technology, and Systems
ITS	Interferometric Temperature Sounder
ITSS	Information Technology and Scientific Services
ITSS	Infrared Theater Surveillance Sensor
ITSSD	Information Technology and Scientific Services Division
ITT	International Telephone and Telegraph
ITU	International Telecommunications Union
ITZ	Intertropical Convergence Zone
IV&V	Independent Verification and Validation
IVT	Interface Verification Test
IW	Information Warfare
IWEDA	Integrated Weather Effects Decision Aid
IWG	Interoperability Working Group
IWG	Investigators Working Group
IWGDMGC	Interagency Working Group on Data Management for Global Change
IWPTB	Integrated Weather Products Test Bed
J	
J2EE	Java 2, Enterprise Edition
JARC	Joint Agency Requirements Council
JARG	Joint Agency Requirements Group
JCCB	Joint Configuration Control Board
JDK	Java Development Kit
JEDI	Joint Electronic Data Interchange
JGOFS	Joint Global Ocean Flux Study Program of the IGBP
JIC	Joint Ice Center
JITC	Joint Interoperability Test Command
JMS	Java Message Service
JointEDI	Joint Electronic Data Interchange
JORP	Joint Operations, Rules and Procedures
JOSTE	JAST Operating and Support Technical Evaluation

Acronym	Description
JOTFOC	Justification for Other Than Full and Open Competition
JOVE	Joint Ventures
JPEG	Joint Photographic Experts Group
JPL	Jet Propulsion Laboratory
JPS	Joint Polar-orbiting Satellite system
JROC	Joint Requirements Oversight Council
JSC	Johnson Space Center
JTA	Joint Technical Architecture
JTAG	Joint Test Action Group
JTFST	Joint Task Force Satellite Terminal
JVM	Java Virtual Machine
JWST	James Webb Space Telescope
K	
K	Kelvin
K	kilo (1000)
KA	Key Agreement
Ka	Region in RF Spectrum (18--40 GHz)
kB	Decimal kilobyte
Kbps	Kilo (10^3) bits per second
kbps	Kilobits per second (decimal)
KCMLL	Consolidated Memory Load Listing
KDW	Kelly Drye and Warren
KEK	Key Encryption Key
keV	Kilo-electron Volts
Kev	kilo-electron Volts
KEW	Kinetic Energy Weapon
Kg	Kilogram
kg/m²	Kilogram Per Square Meter
kHz	Kilohertz
KiB	Binary kilobyte
kibps	kilobits per second (binary)
kJ	kilojoule (energy measure)
KLOC	Kilo-Lines of Code (software)
km	Kilometer
KOMPSAT	Korean Multipurpose Satellite
Kompsat	Republic of Korea Satellite
KPP	Key Performance Parameter
kR	Kilo Rayleighs
KSAT	Kongsberg Satellite Services

Acronym	Description
KSC	Kennedy Space Center
Ku	Region in RF Spectrum (10.7--18.0 GHz)
kW	Kilowatt
L	
L&M	Logistics and Maintenance
LAC	Local Area Coverage
LADS	Low Altitude Demonstration System
LAGEOS	Laser Geodynamics Satellite
LAN	Local Area Network
LAN	Local Ascending Node
LANCE	Launch and Network Control Equipment System
Landsat	Land Remote Sensing Satellite
LANL	Los Alamos National Laboratory
LaRC	Langley Research Center
LASP	Laboratory for Atmospheric and Space Physics
LATI	Landsat Advanced Technology Instrument
LAWS	Laser Atmospheric Wind Sounder
Lb	Pound
LBCU	Launch Battery Charge Unit
LCC	Launch Commit Criteria
LCC	Life Cycle Cost
LCC/TOC	Life Cycle Cost/Total Ownerships Cost
LCCE	Life Cycle Cost Estimate
LCOM	Logistics Composite
LCSP	LEOP and Commissioning Support Plan
LDA	Launch Deployment Authority
LDAP	Lightweight Directory Access Protocol
LDR	Low Data Rate
LEFI	Local Electric Field Instrument
LEISA	Linear-Variable Elation Imaging Spectral Array
LEO	Launch and Early Orbit
LEO	Lockheed Engineering Office
LEO	Low Earth Orbit
LEO&A	Launch, Early Operations and Acquisition
LEO&A	Launch, Early Orbit, and Activation
LEO&A	Launch, Early Orbit, and Anomaly Resolution
LEOD	Low Earth Orbiting Division
LEOP	Launch and Early Orbit Phase
LER	Low-End Rack

Acronym	Description
LERR	LEOP Readiness Review
LET	Linear Energy Transfer (Spectrum)
LHCP	Left Hand Circular Polarization
LI	Live
LID	Layered Interface Definition
LIDAR	Light Detection & Ranging instrument
LIDQA	LANDSAT Image Data Quality Analysis
LIFO	last-in first-out
LIMS	Limb Infrared Monitor of the Stratosphere
LIS	Lightning Imaging Sensor
LISI	Levels of Information Systems Interoperability
LITE	Lidar In-space Technology Experiment
LL	Low Light
LLTIL	Long Lead Time Items List
LM	Lockheed Martin
LMI	Logistics Management Information
LMMS	Lockheed Martin Missiles and Space
LMST	Local Mean Solar Time
LNA	Low Noise Amplifier
LOC	Lines of Code
LODM	Data Memory Load
LOE	Level of Effort
LOGM	Gain Memory Load
LOGO	Limitation of Government Obligations
LOMM	Mail Memory Load
LORA	Level of Repair Analysis
LORE	Limb Ozone Retrieval Experiment
LOS	Line-of-Sight
LOS	Loss of Signal
LOWTRAN	Low Spectral Resolution Atmospheric Transmittance Algorithm
LP	Limb Profile
LP	Limb Profiler
LPAR	Logical PARtitions
LPM	Landsat Program Management
LPR	Line Printer Remote
LPT	Limited Performance Test
LR	Laser Retroreflector
LRA	Laser Retroreflector Array
LRC	Lesser Regional Contingency

Acronym	Description
LRD	Launch Readiness Demonstration
LRD	Low Rate Data
LRD	Low Resolution Data
LRE	Latest Revised Estimate
LRE	Launch Readiness Exercises
LRPT	Low Resolution Picture Transmission
LRR	Launch Readiness Review
LRSW	Launch and Range Systems Wing
LRU	Line Replaceable Unit
LRV	Last Reported Value
LS	Launch Site
LSA	Launch Service Agreement
LSA	Logistics Support Analysis
LSAP	Logistic Support Analysis Plan
LSAR	Logistics Support Analysis Report
LSB	Least Significant Bit
LSCT	Stored Command Table Load
LSI	Launch Service Implementation
LSI	Launch System Integration
LSIO	Low Speed Serial Input/Output
LSPR	Ephemeris Loads
LSS	Launch Support Segment
LSSC	Star Loads
LSSP	Launch Site Support Plan
LST	Land Surface Temperature
LST	Local Solar Time
LSTDP	Logistic Support Technical Data Package
LSTP	Launch Site Test Plan
LTA	Long Term Archive (see also CLASS and ADS)
LTAN	Local Time Ascending Node
LTDA	Long Term Data Archive - superceded by LTA
LTM	Long Term Monitoring
LTS	Long Term Stability
LUN	Logical Unit Number
LUT	Local User Terminal
LUT	Look-Up Table
LV	Launch Vehicle
LVA	Launch Vehicle Adapter
LVC	Launch Vehicle Contractor

Acronym	Description
LVDS	Low Voltage Differential Signal
LVLH	Local Vertical Local Horizontal
LVIU	Launch Vehicle Interface Unit
LVL2	Level Two
LVP	Latency Verification Plan
LVUS	Launch Vehicle Upper Stage
LW	Long Wave
LWIR	Long Wave Infrared
LXR	Landsat transfer radiometer
M	
M	mega (1 million)
m	Meters
m	Micron, micrometers
M&C	Monitor and Control
M&S	Modeling and Simulation
m/s	Meters per second
M/SS	Payload sensor mounting plate mass and stiffness simulator
m²	Meters Squared (Square Meters)
MA	Multiple Access
MAA	Mission Area Assessment
MAE	Mission Application Element
MAESA	Measurements for Assessing the Effects of Stratospheric Aircraft
MAGE	Mechanical Aerospace Ground Equipment
Magsat	Magnetic Field Satellite
MAHLOVS	Middle and High Latitudes Oceanic Variability Study
MAHRSI	Middle Atmosphere High Resolution Spectrographic Investigation
MAIS	Major Automated Information System
MAP	Mission Area Plan
MAPS	Measurement of Atmospheric Pollution from Satellites
MAR	Mission Assurance Requirements
Mark III	Model AN/TMQ-37 TACTERM
Mark IV	Model AN/TMQ-35 TACTERM
Mark IVB	Model AN/UMQ-13 TACTERM
MAS	Millimeterwave Atmospheric Sounder
MASS	Manufacturing Technology for Affordable Space System
max	maximum
MB	Master Beacon
Mb	Megabits
MB	Megabytes (decimal)

Acronym	Description
mb	Millibar
Mbps	Megabits-per-second
MCC	Mission Control Center
McIDAS	Man-computer Interactive Data Access System
MCM	Multi-Chip Module
MCP	Meteorological Communications Package
MCR	Mission Confirmation Review
MCS	Mission Control Station
MCSB	Mission Control Station Backup
MCST	MODIS Characterization and Support Team
MD	Maryland
MD	Mission Director
MD5	Message Direct 5
MDA	Milestone Decision Authority
MDAP	Mandatory Procedures for Major Defense Acquisition Programs
MDC	Maintenance Data Collection
MCD	Mission Director Center
MDCS	Maintenance Data Collection System
MDE	Microgravity Disturbance Experiment
MDF	Mission Data Formatter
MDFCB	Mission Data Format Control Book
MDI	Mechanical Design Integration
MDI	Multi-Disciplinary Intelligence
MDMZ	Mission De-Militarized Zone
MDPU	Multiplexing Protocol Data Unit
MDR	Mission Design Review
MDR	Mission Dress Rehearsal
MDT	Mean Down Time
ME	Mission Effectiveness
MEC	Miniature Embedded Converter
MECO	Main Engine Cut-off
Meg	Mega (1 million)
MELV	Medium Expendable Launch Vehicle
MEO	Medium Earth Orbit
MEP	Minority Engineering Program
MEPED	Medium Energy Proton and Electron Detector
MEPS	Medium Energy Particle Spectrometer
MERIS	Medium Resolution Imaging Spectrometer
MESSR	Multispectral Electronic Self-Scanning Radiometer

Acronym	Description
METEOSAT	Geosynchronous Meteorology Satellite
METOC	Meteorological and Oceanographic
METOP	Meteorological Operational Program
METOP	Meteorological Ops/EUMETSAT Meteorological Observation Satellite
MetSat	Meteorological Satellite
MeV	Million-electron Volts
MFE	Magnetic Field Experiment
MFV	Mission Flight Vehicle
mg/l	Milligrams Per Liter
mg/m³	Milligrams Per Cubic Meter
Mgr	Manager
MGS	Mars Global Surveyor
MGSE	Mechanical Ground Support Equipment
MHS	Microwave Humidity Sounder
MHz	Mega-hertz
MI	Minority Institution
MiB	Binary Megabyte
MIB	Management Information Base
Mibps	Megabits per second (binary)
MICM	Multi-Variable Instrument Cost Model
MIL	Military
MIL-HDBK	Military Handbook
MIL-STD	Military Standard
MIMES	Multispectral Imagery Materials Exploitation System
MIMR	Multi-frequency Imaging Microwave Radiometer
min	Minutes
MIPAS	Michelson Interferometric Passive Atmosphere Sounder
MIPT	Management Integrated Product Team
MIR	AFSCN Mission Impact Report
MISC	Miscellaneous
MISR	Multi-angle Imaging Spectro-Radiometer
MISS	Microwave Imager Sounder Sensor
MIST	Mission Integration Success Team
MIWAR	Millimeter Wave Radar
MLI	Multi-Layer Insulation
MLS	Microwave Limb Sounder
MLV	Medium Launch Vehicle
mm	millimeter
MM	Mission Management

Acronym	Description
MM&R	Monitor Management and Reporting
MM&R	Monitoring, Management, and Reporting
mm/hr	Millimeters Per Hour
mm/m²	Millimeters Per Square Meter
MM5	Mesoscale Model – Version 5
MM90	MM90 Mesoscale Model for the 1990s
MMA	Moving Mechanical Assembly
MMC	Mission Management Center
MMCF	MMC Facility
MMD	Mean Mission Duration
MMETF	Mobile Meteorological Facility
MMIC	Microwave Monolithic Integrated Circuits
MMO	Mechanical Manufacturing Organization
MMO	Mission Management Office
MMR	Monthly Management Review
MNL	Manual
MNS	Mission Need Statement
MO&DA	Mission Operations and Data Analysis
MOA	Memorandum of Agreement
MOCI	Mission Operations Configuration Item
MODIS	Moderate Resolution Imaging Spectroradiometer
MODTRAN	Moderate Spectral Resolution Atmospheric Transmittance Algorithm
MOE	Measure of Effectiveness
MOH	Measure of Hardness
MOLS	Multispectral Operational Linescan System
MOM	Mission Operations Manager
MOP	Measure of Performance
MOPITT	Measurement of Pollution in the Troposphere
MOPP	Multi-Oriented Protective Posture
MOR	Mission Operations Review
MOS-1	Marine Observation Satellite (Japan)
MOSFET	Metal-Oxide Semiconductor Field-Effect Transistor
MOT	Mission Operations Team
MOT&E	Multi-Service Operational Test and Evaluation
MOU	Memorandum of Understanding
MOWG	Mission Operations Working Group
MP	Mission Planner
MPC	Medium Payload Class
MPC	Most Probable Cost

Acronym	Description
MPDU	Multi-Packet Data Unit
MPDU	Multiplexing Protocol Data Unit
MPE	Mission to Planet Earth
MPLS	Multi-Packet Label Switching
MPM	Micro-Frame Project Manager
MPSOC	Multi-Purpose Satellite Operations Center
MR	Management Reserve
MR	Mission Reliability
MRB	Material Review Board
MRC	Major Regional Contingency
MRC	Master Reference Frame
MRR	Mission Requirements Review
MRS	Mission Requirements Specification
MS	Microsoft
MS	Milestone
MS	Mississippi
MS-1	Milestone I
MSB	Most Significant Bit
MSD	Mission Support Data
MSDS	Mission Support Data Server
Msec	Milli-seconds
MSFC	Marshall Space Flight Center
MSFM	Magnetospheric Specification and Forecast Model
MSI&T	Mission Systems Integration and Test
MS-II	Milestone II
MS-III	Milestone III
MSL	Mean Sea Level
MSM	Magnetospheric Specification Model
MSPSP	Missile System Pre- launch Safety Package
MSR	Mission Success Rate
MSS	Microwave Sensor Suite
MSS	Mission System Simulator
MSS	Mission System Simulator (includes IWPTB)
MSS	Multispectral Scanner (Landsat)
MST	Mobile Service Tower
MSTRS	Miniature Satellite Threat Reporting System
MSU	Microwave Sounding Unit
MSX	Midcourse Space Experiment
MTA	Magnetic Torquer Assembly

Acronym	Description
MTAPP	Manufacturing Technology Assistance Pilot Program
MTB	Mean Time Between Failure
MTBCF	Mean Time Between Critical Failure
MTBDE	Mean Time Between Downing Events
MTBF	Mean Time Between Failure
MTE	Mechanical Test Equipment
MTF	Mean Time to Failure
MTF	Modulation Transfer Function
MTPE	Mission to Planet Earth
MTR	Mid-term Review
MTS	Microwave Temperature Sounder
MTSE	Maintenance Test and Support Equipment
MTTR	Mean Time To Repair
MTTRF	Mean Time To Restore Functions
MUA	Military Unique Operations
MUSL	Minimum Useful Satellite Lifetime
mV	Milli-volt
MW	Microwave
MWIR	Mid-Wave Infrared
N	
N/A	Not Applicable
N/CT	NPOESS Compatibility Test
NA	Network Administration
NA	Not Applicable
NAAPS	Navy Aerosol Analysis and Prediction System
NACEM	NPOESS Acquisition Cost Estimating Model
NACSEM	National COMSEC Emanations Memorandum
NADIS	Neutral Atmospheric Daytime Ionospheric Sensor
NAIC	National Air Intelligence Center
NAIC	National Astronomy and Ionosphere Center
NAICS	North American Industry Classification System
NAR	NPOESS contract Action Request form
NARSTO	North American Research Strategy for Tropospheric Ozone
NAS	National Aerospace Standard
NAS	Network Accessible Storage
NAS	Network Attached Storage
NASA	National Aeronautics and Space Administration
NASA JSC	NASA Johnson Space Center
NASCOM	NASA Communications network

Acronym	Description
NASDA	National Space Development Agency
NASEM	NPOESS Aerospace System Engineering Methodology
NAST	NPOESS Airborne Sounder Testbed
NAST	NPOESS Aircraft Sounder Testbed
NASTRAN	NASA Structural Analysis
NATO	North Atlantic Treaty Organization
NATOPS	NATO Operations
NAVAF	Navy/Air Force
NAVO	Naval Oceanographic Office
NAVO	NAVOCEANO/Naval Oceanographic Office
NAVOCEANO	Naval Oceanographic Office
NAWBO	National Association of Women Business Owners
NBAR	Nadir BRDF-Adjusted Reflectance
NBC	Nuclear, Biological, and Chemical
NBIOME	Northern Biosphere Observation and Modeling Experiment
NBIS	Northern Biosphere Information System
NBR	Navigation Base Reference
NCA	National Command Authority
NCA	Notice of Contract Action
NCAR	National Center for Atmospheric Research
NCC	NASA Control Center
NCC	Near Constant Contrast
NCC	Negotiated Contract Cost
NCC	Network Control Center
NCCDS	Network Control Center Data System
NCDC	National Climate Data Center (NOAA)
NCDR	NPP Support Delta CDR
NCEP	National Center for Environmental Prediction
NCES	Network Centric Enterprise Services
NCR	Non-Conformance Report
NCT	NPP Compatibility Test
NDA	Non-Disclosure Agreement
NDBC	National Data Buoy Center
NDE	NPOESS Data Exploitation
NDI	Non-Destructive Investigation
NDI	Non-Developmental Item
NDP	Neutral Density Profile
NDSC	Network for the Detection of Stratospheric Change
NDT	Nitrate Depletion Temperature

Acronym	Description
NDVI	Normalized Difference Vegetation Index
NE	Nebraska
NEA	Non-Explosive Actuator
NEC	Nippon Electronic Corporation
NEdN	Noise Equivalent Radiance Difference
NEdT	Noise Equivalent Temperature Difference
NEI	Non-Explosive Initiator
NEPA	National Environmental Policy Act
NERC	National Environmental Research Center
NESDIS	National Environmental Satellite, Data, and Information Service
NetCDF	Newtork Common Data Form
NEVADA	Thermal Radiation Analyzer
NF	NOFORN (Not Releasable to Foreign Nationals}
NFPA	National Fire Protection Association
NFS	Network File System
NG	Northrop Grumman
NGA	National Geospatial-Intelligence Agency
NGC	Northrop Grumman Corporation
NGDC	National Geophysical Data Center (NOAA)
NGIID	NPOESS General Instrument Interface Document
NGST	Northrop Grumman Space Technology
NGTS	NPOESS Ground Test System
NHF	Net Heat Flux
NIC	National Ice Center
NIC	Network Interface Card
NICMOS	Near Infrared Camera and Multi-Object Spectrometer
NIMA	National Imagery and Mapping Agency
Nimbus	NASA Meteorological Satellites
NIR	Near Infrared
NISE	Near real-time Ice and Snow Extent
NISN	NASA Integrated Services Network
NIST	National Institute of Standards and Technology
NLT	No Later Than
nm	Nano (10^{-9}) meters
NM	Nautical Mile
NMC	National Meteorological Center
NMFS	National Marine Fisheries Service
nmi	Nautical Mile
NMP	New Millennium Program

Acronym	Description
NOAA	National Oceanic and Atmospheric Administration
NOAA/POES	National Oceanic and Atmospheric Administration/Polar-orbiting Operational Environmental Satellite System
NOAC	National Operations Security Advisory Committee
NOARL	Naval Oceanographic and Atmospheric Research Laboratory
NOASEC	NOAA Space Environmental Center
NOC	Network Operations Center
NOCA	Notice Of Contract Action
NODC	National Oceanographic Data Center
NODS	NASA Ocean Data System
NOFORN	Not Releasable to Foreign Nationals
NOGAPS	Navy Operational Global Analysis and Prediction System
NOP	No Operation
NORAD	North American Aerospace Defense Command
NORAPS	Navy Operational Regional Analysis and Prediction System
NORDA	Naval Ocean Research and Development Activity
NOS	National Ocean Service
NOSS	National Oceanic Satellite System
NOSSA	Notice of Source Selection Action
NOVA	Network Optimization, Visualization, and Analysis
NOW	NOAA's Ocean Wave Model
NP	Nadir Profile
NP	Nadir Profiler
NPD	NASA Program Directive
NPLCCM	NPOESS Program Life Cycle Cost Model
NPOESS	National Polar-orbiting Operational Environmental Satellite System
NPOP	NASA Polar Orbiting Platform
NPP	NPOESS Preparatory Project
NPR	National Performance Review
NQA	National Quality Assurance
NRE	Non-Recurring Engineering
NRL	Naval Research Laboratory
NRLA	Network Repair Level Analysis
NRZ	Non-Return To Zero
NRZ-L	Non-Return to Zero-Level
NRZ-M	Non-Return to Zero-Mark
NS	Name Service
ns	Nano-seconds
NSA	National Security Agency

Acronym	Description
NSC	Norwegian Space Centre
NSCAT	NASA Scatterometer
NSCP	National Satellite Communication Program
NSF	National Science Foundation
NSIDC	National Snow and Ice Data Center
NSIPS	NPOESS Science Investigator Processing System
NSN	NASA Space Network
NSOF	NOAA Satellite Operations Facility
NSP	NPOESS Shares Program
NSPM	Network, System and Performance Management function
NSSDC	National Space Science Data Center
NSTC	National Science and Technology Council
NSTISSAM	National Security Telecommunications and Information Systems Security Advisor/Information Memorandum
NSTISSI	National Security Telecommunications and Information Systems Security Instruction
NSTISSP	National Security Telecommunications and Information Systems Security Policy
NSTS	National Space Transportation System
nT	Nano-Tesla
NTE	Not-to-exceed
NTIA	National Telecommunication Information Agency
NTP	Network Time Protocol
NUMA	Non-Uniform Memory Access
NVD	Normalized Vector Distance
NVR	Non-Volatile Residue
NWP	Numerical Weather Prediction
NWS	National Weather Service
NWSTG	National Weather Service Telecommunications Gateway
NWWS	National Weather Wire System Replacement
O	
O&I	Oceans and Ice
O&M	Operations and Maintenance
O&S	Operations and Support
O/S	Operating System
OA	Operational Assessment
OAD	Operational Algorithm Document
OAR	Office of Oceanic and Atmospheric Research
OAS	Operational Assessments

Acronym	Description
OASPL	Overall Sound Pressure Level
OAT	Operational Algorithm Team
OBC	On-Board Computer
OBP	On-Board Processing
OBP	On-board Processor
OC	Operations Controller
OC	Optimized Convergence
OCC	Ocean Color Chlorophyll
OCC	Operational Control Center
OCF	Operational Control Field
OCI	Organizational Conflict of Interest
OCL	Ocean Climate Laboratory
OCONUS	Outside the Continental United States
OCS	Optimized Convergence System
oct	octave
OCT	Operational Commanding Test
OCTS	Japanese Ocean Color Temperature Scanner
OD	Operations Day
ODAD	Official Dynamic Ancillary Data
ODC	Ozone Depleting Chemicals
ODER	Orientation Drive Electronics with Resolver
ODIS	Operations Data and Information Systems
ODS	Ozone Depleting Substance
ODUS	Ozone Dynamics Ultraviolet Spectrometer
OEM	Original Equipment Manufacturer
OESE	Office of Earth Science Enterprise
OFCM	Office of the Federal Coordinator for Meteorology
OI	Operations Instruction
OIC	Organizational Interface Complexity
OIP	Operational Incentive Plan
OIPT	Overarching Integrated Product Team
OLME	Ozone Layer Monitoring Experiment
OLR	Outgoing Longwave Radiation
OLS	Operational Linescan System
OLS	Orbital Launch Service
OM	Operations Manager
OMA	Operation and Maintenance (Appropriation)
OMB	Office of Management and Budget
OMG	Object Management Group

Acronym	Description
OMI	Ozone Monitoring Instrument
OMIS	Operational Multi-spectral Imager Suite
OMPS	Ozone Mapping and Profiler Suite
OMS	Operational Maintenance System
ONR	Office of Naval Research
ONSPR	One Hundred Rev Summary
OO	Orbit Operations
OOA	Object-Oriented Analysis
OOAC	On Orbit Activation/Checkout
OOAT	Overarching Operational Algorithm Team
OOD	Object-Oriented Design
OOL	Out-of-Limits
OOT	On Orbit Test
OOWG	Orbital Operations Working Group
OP	Operating Procedures
OPC	Optical Partical Characterization
OPCET	Operations Personnel Certification Evaluation Team
OPCON	Operational Control
OPD	Optical Path Difference
OPM	Office of Personnel Management
OpNet	Data Communication Analysis Tool
OPR	Office of Primary Responsibility
Ops	Operations
OPS	Optical Sensor
OPS	Ozone Profiler/Monitor Suite
OPSCON	Operations Concept
OPSEC	Operations Security
OPT	Operational Product Team
O-QPSK	Offset Quadrature Phase Shift Key
OR	Operational Requirement
ORA	Office of Research and Applications
ORB	Object Request Broker
ORD	Operational Readiness Demonstration
ORD	Operational Requirements Document
ORE	Operational Readiness Exercise
ORLA	Optimum Repair Level Analysis
ORT	Operational Readiness Test
OS	Operating System
OS	Operations Support

Acronym	Description
OSAT	Office of Space Access and Technology
OSD	Office of Secretary of Defense
OSD	Office of Software Development
OSDPD	Office of Satellite Data Processing and Distribution
OSF	Operational Support Facility
OSF	Operations Support Function
OSHA	Occupational Safety and Health Administration
OSI	Open System Interconnection
OSIRM	Open System Interconnection Reference Model
OSO	Office of Satellite Operations
OSP	Onboard Signal Processor
OSP	Operations Support Plan
OSS	Office of Space Science
OSS	Optimal Spectral Sampling
OSSA	Office of Space Science and Applications (NASA HQ)
OSSE	Observing System Simulation Experiments
OSTP	Office of Science and Technology Policy
OSV	Operational System Validation
OSVR	OSV Review
OT	Operational Test
OT&E	Operational Test and Evaluation
OTA	Operational Test Agency
OTB	Over Target Baseline
OTC	Ozone Total Column
OTCP	Ozone Total Column Profile
OTE	Optical Telescope Element
OTH	Over the Horizon
OTIS	Ocean Thermal Interpolation System
OTSR	Optimum Track Ship Routing
OTSU	On-orbit Technical Support Unit
OUSD	Office of Undersecretary of Defense
OWC	Ocean Wave Characteristics
OWG	Operations Working Group
P	
P/L	Payload
P3I	Pre-planned Product Improvements
P^{3}I	Potential Pre-planned Product Improvement
PA	Parallel Activities
PA	Point Analysis

Acronym	Description
PA	Product Assurance
PA&E	Program Analysis and Evaluation
PAB	Preventive Action Board
PAC	Post Award Conference
PACS	Polar Acquisition and Control System
PAD	Program Approval Document
PAF	Payload Adapter Fitting
PAF	Payload Attach Fitting
PAGES	Past Global Changes
PAIDS	Procurement Automated Information Database System
PAM	Payload Activation Message
PAMPL	Program Authorized Materials and Processes List
PAO	Product Assurance Organization
PAP	Product Assurance Plan
PAP	Program Action Plan
PAPL	Program Authorized Parts List
PAR	Performance Assurance Requirements
PAR	Product Assurance Requirements
PAR	Proposal Analysis Report
PAS	Payload Adapter Sysetm
PAUC	Program Acquisition Unit Cost
PB	Playback
PB	Playback pointer (for the solid state recorder)
PB-TLM	Playback Telemetry
PBD	Program Budget Decision
PBL	Performance-Based Logistics
PBR	Playback and Record
PBX	Private Branch eXchange
PC	Personal Computer
PC	Power Controller
PCA	Physical Configuration Audit
PCA	Polar Cap Absorption
PCA	Program Commitment Agreement
PCB	Parts Control Board
PCB	Printed Circuit Board
PCDAS	Polar Command and Data Acquisition Station
PCE	Processing and Control Electronics
PCM	Pulse Code Modulation
PCO	Procurement Contracting Officer

Acronym	Description
PCO	Program Contracting Officer
PCR	Problem Change Request
PCR	Progress Curve Report
PCS	Predefined Command Scripts
PCT	Probability of Correct Typing
PCU	Processing and Control Units
PD	Program Director
PDA	Preliminary Design Audit (s)
PDB	Project Database
PDC	PDRR Complete
PDD	Presidential Decision Directive
PDF	Portable Document Format
PDF	Programmable Data Formatter
PDM	Program Decision Memorandum
PDR	Preliminary Design Review
PDRG	Preliminary Design Review Guidance
PDRR	Program Definition and Risk Reduction
PDS	Product Definition Section
PDT	Procurement Development Team
PE	Planning Estimate
PE	Provider Edge Router
PEATE	Product Evaluation and Algorithm Test Element
PEM	Pacific Exploratory Mission
PEM	Particle Environment Monitor
PEM	Program Element Monitor
PEO	Program Executive Officer
PER	Pre-Environmental Review
PF	Processing Facility
PFD	Power Flux Density
PFM	Phase Frequency Modulation
PFM	Project Formulation Manager
PFP	Project Formulation Plan
PFU	Proto-Flight Unit
PG	Process Group
PGM	Precision Guided Munitions
PGM	Pragmatic General Multicast
PGS	Product Generation System
PHOTONS	PHOtométrie pour le Traitement Opérationnel de Normalisation Satellitaire
PHS&T	Packaging, Handling, Storage, and Transportation

Acronym	Description
PI	Principal Investigator
PI	Program Introduction
PIBS	Polar Information Bulletins
PILPS	Project for Intercomparison of Land Parameterization Schemes
PIM	Passive Intermodulation
PIM	Peripheral Interface Module
PIP	Program Implementation Plan
PIP	Programmable Information Processor
PITF	Payload Integration and Test Facility
Pk	Probability of Kill
PKI	Public Key Infrastructure
PKT HDR	Packet Header
PL	Payload
PL	Public Law
PLA	Payload Adapter
PLB	Personal Locator Beacon
PLBs	Personal Locator Beacons
PLCCE	Program Life Cycle Cost Estimate
PLF	Payload Fairing
PLI	Procedure Language Interpreter
PLOP	Physical Layer Operations Procedure
PM	Phase Modulated
PM	Post Meridian (afternoon)
PM	Program Management
PM&P	Parts, Materials, and Processes
PMB	Performance Measurement Baseline
PMC	Pressure-Modulator Cell
PMD	Program Management Directive
PME	Precision Measurement Equipment, Prime Mission Equipment
PMI	Project Management Institute
PMIR	Pressure Modulator Infrared Radiometer
PMM	Physical Mass Model
PMO	Program Management Office
PMP	Parts, Materials, and Processes
PMPCB	Parts, Materials and Processes Control Board
PMR	Pressure Modulator Radiometer
PMR	Program Management Reviews
PMR	Program Manager Review
PMT	Platform Message Terminal

Acronym	Description
PMT	Portable Mission Terminal
PN	Pseudo-random Noise
POAM	Polar Ozone and Aerosols Mission
POC	Point Of Contact
POC	Polar Oceanography Center
POCC	Payload Operations Control Center
POD	Physical Oceanography Division (at OMA)
POD	Precise Orbit Determination
POE	Program Office Estimate
POEM	Polar Orbiting Earth Mission
POEMS	Positron Electron Magnetic Spectrometer
POES	Polar-orbiting Operational Environmental Satellite
POESS	Polar-Orbiting Operational Environment Satellite System
POGO	Polar-Orbiting Geophysical Observatory
POLARIS	Photochemistry of Ozone Loss in Arctic Region in Summer
POLDER	Polarization and Directionality of Reflectances
POLFS	Polar Exchange at the Sea Surface
POM	Program Objective Memorandum
POP	Point Of Presence
POSIX	Portable Operating System Interface for Computer Environments
POSSE	Polar-orbiting Satellite Sounding Evaluator
POTS	Plain Old Telephone System
PP	Planning Package
PP	Post Processor
PP	Pressure Profile
ppbv	Parts Per Billion By Volume
PPC	Power Personal Computer
PPDU	Path Protocol Data Unit
PPF	Payload Processing Facility
PPFC	Payload Processing Facility Contractor
PPL	Provisioning Parts List
PPMP	Ports and Protocol Management Process
ppmv	Parts per million by volume
PPP	Program Protection Plan
PPR	Photopolarimeter Radiometer
PPS	Pre-Processor Subsystem
PPS	Precise Positioning Service
PPS	Program Protection Survey
pps	Pulses Per Second

Acronym	Description
ppt	parts per trillion
PQA	Procurement Quality Assurance
PQT	Preliminary Qualification Test
PR	Precipitation Radar
PR	Problem Report
PR	Purchase Request
PRA	Probabilistic Risk Assessment
PRA	Program Review Authority
PRADS	Precision Altitude Determination Software
PRAG	Performance Risk Assessment Group
PRARE	Precision Range and Rate Equipment
PRB	Preliminary Review Board
PRDB	Problem Report Data Base
PRF	Pulse Repetition Frequency
PRISM	Paramatized Real-time Ionosphere Specification Model
PRM	Policy and Requirements Manual (DTD)
PRO	Processing
PRO	Processing Subsystem
PROC	Pre-validated Command (file)
PROC	Procedure
PRODSEC	Product Security
PRO-Net	Procurement Marketing and Access Network
PRR	Production Readiness Review
PRS	Provisioning Requirements Statement
PRT	Platinum Resistance Thermistors
PS	Propulsion Subsystem
PSC	Polar Stratospheric Cloud
PSD	Power Spectral Density
PSE	Peculiar Support Equipment
PSF	Point Spread Function
PSK	Phase Shift Keyed
PSMP	Product Support Management Plan
PSO	Project Science Office
PSP	Payload Support Processor
PSR	Pre-Ship Review
PSR	Pre Shipment Review
PST	Payload Support Tool
PST	Program Support Team
PSYOP	Psychological Operations

Acronym	Description
PT	Plain Text
PT	Pulse Time
PTC	Pragmatic Trellis Code
PTF	Payload Test Facility
PTIU	Plain Text Interface Unit
PTM	Processed Telemetry
PTR	Post-Test Review
PTT	Platform Transmitter Terminals
PTT/ELT	Platform Transmitter Terminals/Emergency Location Transmitter
PVC	Private Virtual Circuit
PVD	Package Version Description
PVR	Processing Capability Verification Review
PWB	Printed Wiring Board
PWBS	Preliminary Work Breakdown Structure
Q	
QA	Quality Assurance
QAM	Quadrature Amplitude Modulation
QAP	Quality Assurance Plan
QBD	Quantifiable Backup Data
QBO	Quasi-Biennial Oscillation
QC	Quality Control
QFD	Quality Functional Deployment
QM	Qualitative Material
QPSK	Quadriphase Phase-Shift Keying
QRR	Qualification Results Review
QTRR	Qualification Test Readiness Review
QUIPS	Quality Information Processing System
R	
R	Rayleighs
R&D	Research and Development
R&M	Reliability and Maintainability
R&R	Remove and Replace
R&V	Requirements and Verification
R/L	Return Link
RA	Radar Altimeter
RA	Registration Authority
RA	Requirement Analysis
RA	Risk Analyst
RAD	Radiation

Acronym	Description
RAD	Requirements Allocation Document
Radarsat	Canadian Synthetic Aperture Radar Satellite
RAM	Random Access Memory
RAM	Reliability, Availability, and Maintainability
RAM	Responsibility Assignment Matrix
RAO	Resource Analysis Office
RAOB	RAwinsonde Observation
RAR	Requirement Analysis Review
RAS	Reliability, Availability and Servicability
RATS	Rapid Analytical Trajectory Simulation
RBTEC	Ramsey-Bussey Total Electron Content model
RCC	Range Commander's Council
RCC	Rescue Control Center
RCC	Resource Control Center
RCM	Requirements Correlation Matrix
RCM	Run Command Message
RD	Reference Document
RDAV	Requirements Development And Validation
RDB	Relevant Data Blocks
RDE	Responsible Design Engineer
RDIM	Requirements-Driven Interface Management
RDIMP	Requirements-Driven Interface Management Process
RDM	Radiation Design Margin
RDM	Requirements Development Manager
RDR	Raw Data Record
RDS	Real-time Data Smooth
RDT&E	Research, Development, Test and Engineering
RE	Radiated Emissions
RE	Recurring Expenditure
RE	Responsible Engineer
REC	Record pointer (for the solid state recorder)
Ref	Reference
REM	Rocket Engine Module
REQID	Requirement Identification
REV	Revision
REV	Revolution
RF	Radio Frequency
RF Comm	Radio Frequency Communications Subsystem
RFA	Request for Action

Acronym	Description
RFC	Request for Comments
RFCU	Radio Frequency Conditioning Unit
RFD	Request For Deviation
RFI	Radio Frequency Interference
RFI	Request for Information
RFICD	RF ICD – Radio Frequency ICD
RFO	Request for Offer
RFP	Request for Proposal
RFPSO	Request For Proposal Support Office
RFR	Run for Record
RFS	Radio Frequency Subsystem
RFS	Reusable Flight Software
RFT	RF terminal
RFTS	Radio Frequency Test Set
RFW	Request for Waiver
RGMM	Reduced Geometric Math Model
RGS	Relay Ground Station
RGS	Remote Ground Stations
RGT	Repeating Ground Track
RH	Relative Humidity
RHCP	Right-Hand Circular Polarization
RHP	Risk Handling Plan
RI	Requirement Issue
RID	Review Item Discrepancy
RIS	Retroreflector In Space
RIU	Remote Interface Unit
RLAT	Radiation Lot Acceptance Test
RLCC	Remote Launch Control Center
Rm	Meteorological Range
RM	Reliability and Maintainability
RM&A	Reliability, Maintainability, and Availability
RMA	Reliability, maintainability, and analysis
RMB	Risk Management Board
RMB	Risk Management Budget
RMP	Requirements Master Plan
RMP	Risk Management Plan
RMS	Resource Management System
RMS	Root Mean Square
RMSE	Root band-averaged Mean Squared Error

Acronym	Description
RMSE	Root Mean Square Error
ROC	Return On Cost
ROCSAT	Republic of China Satellite
ROM	Rough Order of Magnitude
ROMB	Risk and Opportunity Management Board
ROP	Recommended Operating Procedures
ROSAT	Roentgen Satellite
ROTHR	Relocatable Over the Horizon Radar
RPA-D	Retarding Potential Analyzer and Drift (meter)
RPC	Regional Processing Center
RPIE	Real Property Installed Equipment
Rpm	revolutions per minute
RPM	Risk Management Plan
RPSC	Raytheon Polar Services Company
RPU	Receiver Processing Unit
RPV	Remotely Piloted Vehicle
RR	Readiness Review
RRA	Request for Review/Assessment
RRQ	Retransmit Request Queue
RRW	Relative Risk Weighting process
RS	Radiated Susceptibility
RS	Reed-Solomon code
RSAS	Raleigh Scatter Attitude Sensor
RSDO	Rapid Spacecraft Development Office
RSICM	Remote Sensing Instrument Cost Model
RSS	Remote Sensing Systems
RSS	Root Sum Square
RST	Receive Status Table
RT	Real-Time
RT	Relocatable Terminal
RT	Remote Terminal
RTD	Real Time Data
RTLog	Real Time Log
RTM	Requirements Traceability Matrix
RTM	Radiative Transfer Model
RTMM	Reduced Thermal Math Model
RTNEPH	Real Time Nephanalysis model
RTOVS	Revised TIROS Operational Vertical Sounder
RTS	Relative Time Sequence

Acronym	Description
RTS	Remote Tracking Station
RT-TLM	Real Time Telemetry
RT-TLM	Real Time Telemetry Data
RVCM	Requirements Verification Compliance Matrix
RVP	Requirements Verification Plan
RVTM	Requirements Verification Traceability Matrix
RW	Reaction Wheel
RWA	Reaction Wheels Asembly
RWG	Requirements Working Group
RWM	Relocatable Window Model
RXO	Redundant Crystal Oscillator
RXTE	Rossi X-ray Timing Explorer
S	
S	Second
S	Secret
S	Similarity
S&F	Store and Forward
S&I	Surveys and Investigations
S&OC	Science and Operations Contractor
S&R	Search and Rescue
S&R	Stored and Real-Time
S&SE	Solar and Space Environment
S/A	Selective Availability (GPS Satellites)
S/C	Spacecraft
S/N	Signal-to-Noise ratio
S/NF/WN	Secret/No Foreign/Wnintel
S/S	Subsystem
S/W	Software
S1RR	S1 Release Review
SA	Significant Accomplishment
SA	Single Access
SA	Single Aperture
SA	Solar Array
SA	System Administration
SA	System Administrator
SA	System Architecture
SAASM	Selected Availability Anti-Spoofing Module
SAB	Science Advisor Board
SAC	Senate Appropriations Committee

Acronym	Description
SAC	Strategic Air Command
SAD	Software Algorithm Development
SAD	Substitute Ancillary Data
SADA	Solar Array Drive Assembly
SADARM	Sense and Destroy Armor
SADD	System Architecture Definition Document
SADF	Spacecraft Attitude Determination Frame
SADLAG	Solar Array Drive Lead Angle
SAE	Sensor Accommodation Engineering
SAE	Service Acquisition Executive
SAF	Secretary of the Air Force
SAF/AQ	Secretary of the Air Force for Acquisitions
SAF/FMC	Secretary of the Air Force for Cost and Economics
SAFB	Schriever Air Force Base
SAFIRE	Spectroscopy of the Atmosphere Using Far Infrared Emission
SAGE	Stratospheric Aerosol and Gas Experiment
SAIP	Spares Acquisition In conjunction with Production
SAM	Stratospheric Aerosol Measurement
SAM	Surface to Air Missile
SAMP	School of Advanced Military Studies
SAMP	Single Acquisition Management Plan
SAMS	Stratospheric and Mesospheric Sounder
SAMS	System Anomaly Monitoring Status
SAN	Satellite Access Node
SAN	Storage Area Network
SAO	Smithsonian Astrophysical Observatory
SAO	System Acquisition Office
SAP	Safety Assessment Plan
SAR	Safety Assessment Report
SAR	Satellite Access Request
SAR	Search And Rescue
SAR	Selected Acquisition Report
SAR	Software Acceptance Review
SAR	Synthetic Aperture Radar
SARC	Systems Acquisition Review Council
SARP	Search and Rescue Processor
SARR	Search and Rescue Repeater
SARSAT	Search And Rescue Satellite Aided Tracking
SARVI	Soil and Atmosphere Resistant Vegetation Index

Acronym	Description
SAS	Solar Aspect Sensor
SAS	Special Ammunition Storage
SASC	SBIRS Auxiliary Support Center
SASC	Senate Armed Services Committee
SASS	Subsonic Assessment
SAT	Satellite
SAT	Segment Acceptance Test
SAT	Site Acceptance Test
SAT	Software Acceptance Testing
SAT	System Analysis Tool
SATCOM	Satellite Communications
SATCON	Satellite Controller
SBA	Small Business Administration
S-band	Region of RF Spectrum
SBC	Space Based Computer
SBF	Spacecraft Body Frame
SBI	Small Business Indirect
SBIRS	Space Based Infrared System
SBL	Space-Based Laser
SBLO	Small Business Liaison Office
SBO	Small Business Office
SBRS	Santa Barbara Remote Sensing organization
SBUV	Solar Backscatter Ultraviolet radiometer
SC	Software Components
SC	Spacecraft Controller
SCA	Satellite Command Authority
SCA	Satellite Control Authority
SCAN	Spaceraft Analyst
SCANSCAT	Scanning Scatterometer
SCAPE	Self-Contained Atmospheric Protective Ensemble
SCARABE	Scanning Radiation Budget Experiment
SCB	Schedule Control Board
SCC	Satellite Command and Control
SCC	Satellite Control Computer
SCC	Satellite/Spacecraft Control Center
SCCR	Spacecraft Configuration Change Request
SCD	Sensor Correction Data
SCD	System Capabilities Document
SCE	Spacecraft Element

Acronym	Description
SCF	Scientific Computing Facility
SCG	Security Classification Guide
SCI	Special Compartmented Information
SCIAMACHY	Scientific Image Absorption Spectrometer for Atmospheric
SCID	Spacecraft Identification
SCIF	Spacecraft Interface
SCM	Secondary Converter Module
SCM	Software Configuration Management
SCM	Spacecraft Cost Model
SCMP	Software Configuration Management Plan
SCOPE	Scientific Committee on Problems of the Environment
SCOR	Scientific Committee for Oceanographic Research
SCP	Service Cost Position
SCP	Spacecraft Processor
SCP	Standard Controls Processor
SCPS	Space Communication Protocol Standards
SCPS	Space Communication Protocol Specification
SCR	Selective Chopper Radiometer
SCR	System Concept Review
SCRMP	Software Capability Risk Mitigation Plan
SCRR	System Commissioning Result Review
SCS	Stored Command Sequence
SCS	Stored Command Script
SCT	Stored Command Table
SD	Solar Diffuser
SDB	Small Disadvantaged Business
SDBC	Small Disadvantaged Business Concern
SDC	Surface Data Collection
SDCE	Software Development Capabilities Evaluation
SDD	Software Design Document
SDE	Selective Data Encryption
SDE	Software Development Environment
SDF	Sensor Data File
SDF	Software Development Facility
SDF	Software Development File
SDF	Stored Data Fine
SDHSU	Satellite Data Handling System Upgrade
SDL	Software Development Library
SDP	Software Development Plan

Acronym	Description
SDPS	Science Data Processing Segment
SDR	Science Data Record
SDR	Sensor Data Record
SDR	System Design Review
SDRL	Subcontract Data Requirements List
SDRs	Sensor Data Records
SDS	Science Data Segment
SDS	Stored Data Smooth
SDSPM	Software Development Standards and Procedures Manual
SDT	Situation Determination Team
SDTP	System Development and Test Plan
SDVF	Software Development and Verification Facility
SDVOSBC	Service Disabled Veteran-Owned Small Business Concern
SE	Systems Engineering
SE&I	Systems Engineering and Integration
SE/PM	System Engineering/Program Management
SEAG	Software Engineering Advisory Group
Seasat	Sea Satellite
SeaStar	Spacecraft flying SeaWiFs
SeaWiFs	Sea-viewing Wide Field-of-view Sensor
SEB	Source Evaluation Board
SEC	Science Executive Committee of the IWG
sec	Seconds
SEC	Space Environment Center (NOAA)
SEE	Software Engineering Environment
SEE	Space Environment and Effects program (NASA)
SEER	System Evaluation and Estimate of Resources
SEERS	Space Environmental Exploitation Requirements Seminar
SEG HDR	Segment Header
SEGR	Single Event Gate Rupture
SEI	Software Engineering Institute
SEIT	System Engineering, Integration and Test
SEITO	System Engineering, Integration, Test and Operations (IPT)
SEL	Single Event Latch-Up
SEM	Space Environment Monitor
SEMA	Space Environment Mission Area
SEMAA	Science Engineering Mathematics Aerospace Academy
SEMP	System Engineering Management Plan
SEMP	System Engineering Master Plan

Acronym	Description
SEN	Software Engineering Notebook
SEP	Spherical Error Probable
SEPG	Software Engineering Process Group
SEQ#	Sequence Number
SER	Systems Engineering Report
SERD	Support Equipment Recommendation Data
SES	Space Environment Sensor
SESA	Space Environmental Support Architecture
SESG	Space Environment Steering Group
SESS	Space Environmental Sensor Suite
SETA	System Engineering and Technical Assistance
SEU	Single Event Upset
SEV	System Engineering Validation
SEWG	System Engineering Working Group
SFAF	Standard Frequency Action Format
SFC	Space Forecast Center
Sfc	Surface
Sfc	Surface
SFCTMP	Surface Temperature model
SFM	Server/Formatter/Multiplexer
SFR	System Functional Review
SFX	Stream to File Translator
S-GCOS	Space-based Global Change Observation System
SGDB	Satellite Global Database
SGICD	Space-to-Ground Interface Control Document
SGLS	Satellite Ground Link System
SGLS	Space Ground Link Subsystem
SGP	Simplified General Perturbation
SGS	Soviet Geodetic System (SGS-85)
SHF	Shared Facilities
SHM	Sun Hold Mode
SI	International System of Units (Metric)
SI	Site Integration
SI	Software Item
SI	Solar Influences
SI	System Internationale
SI	System(s) Integration
SI&T	System Integration and Test
SICM	Scientific Instrument Cost Model

Acronym	Description
SIFT	Similar Item Functional Test
SII	Segment Interface Integration
SIIS	Spacecraft Instrument Interface Simulator
SIL	Systems Integration Laboratory
SILAS	Stereo Imager/Lidar Atmospheric Sounder
SIM	Science Instrument Module
SIM	Spectral Irradiance Monitor
SIMR	Svalbard Initial Mission Recovery
SINDA	Systems Improved Numerical Differencing Analyzer
SIP	Satellite Interface Plane
SIP	Security Implementation Plan
SIP	Standard Interface Plane
SIPS	Science Information Processing System (NASA)
SIR	Spaceborne Imaging Radar
SIS	Standard Interface Specification
SISF	Space Integrated Support Facility
SIU	Satellite Interface Unit
SIVAM	System for the Vigilance of the Amazon
SIWG	Standard Interface Working Group
SLATE	Systems Level Automation Tool for Engineers
SLC	Space Launch Complex
SLCM	Spiral Life Cycle Model
SLIES	Stratospheric Limb Infrared Emission Spectrometer
SLOC	Software Line of Code
SLP	Solar, Lunar, and Planetary
SM	Soil Moisture
SM	Suspended Matter
SMA	S-band Multiple Access
SMA	Solar Monitor Assembly
SM-ALC	Sacramento Air Logistics Center
SMARD	Subcontract Mission Assurance Requirements Document
SMC	Space and Missile Systems Center
SMC	System Management Center
SMD	Stored Mission Data
SMD FEP	Stored Mission Data Front End Processor
SME	Solar Mesosphere Explorer
SMIP	Seasonal Model Intercomparison Project
SMMC	Schriever Mission Management Center
SMMCF	SMMC Facility

Acronym	Description
SMMR	Scanning Multi- Channel Microwave Radiometer
SMOP	Satellite Measurement of Oceanographic Parameters
SMP	Symmetric Multi-Processor
SMQ-11	USN Tactical Terminal
SMS	Structures and Mechanisms Subsystem
SMS	Synchronous Meteorological Satellite
SMSPM	Soil Moisture Strength Prediction Model
SMTP	Simple Mail Transfer Protocol
SN	SafetyNet ™
SN	Serial Number
SN	Space Network
SN	Support Node
Sn	Tin
SNAS	Space Network Access System
SNODEP	Snow Depth model
SNMP	Simple Network Management Protocol
SNR	Signal-to-Noise Ratio
SNUG	Space Network Users Guide
SO	Satellite Operations
SOAP	Satellite Orbital Analysis Program
SOAP	Simple Object Access Protocol
SOAT	Sounder Operational Algorithm Team
SOC	Satellite Operations Center
SOC	Satellite Operatio;ns Control
SOC	Space Operations Center
SOC	Statement of Capabilities
SOC-61	Environmental Satellite Ops Center at Schriever AFB, CO (See ESOC)
SOCC	Satellite Operations Control Center (Suitland, MD)
SODM	Satellite Operations and Description Manual
SOF	Special Operations Forces
SOH	State of Health
SOI	Software Operating Instructions
SOLO	Solar and Heliospheric Observatory
SOLSE	Shuttle Ozone Limb Scatter Experiment
SOLSTICE	Solar Stellar Irradiance Comparison Experiment
SON	Statement of Need
SONET	Synchronous Optical Network
SOO	Statement Of Objectives
SOP	Standard Operation Procedure

Acronym	Description
SOPG	System Operations Protect Guide
SOPS	Satellite Operations Squadron
SOPS	Space Operations Squadron
SOTC	Satellite Operation Telemetry and Command
SOTG	Space Object Technology Group
SOW	Statement Of Work
SOWM	Spectral Ocean Wave Model
SP	Special Perturbations
SPADE	Stratospheric Photochemistry, Aerosols, and Dynamics Expedition
SPAN	Space Physics Analysis Network
SPARC	Stratospheric Processes and their Role in Climate
SPAWAR	Space and Naval Warfare Systems Center
SPC	Software Productivity Consortium
SPC	Statistical Process Control
SPCR	Software Process Change Request
SPD	System Program Director
SPD&RR	System Program Definition and Risk Reduction
SPDR	Software Preliminary Design Review
SPE	Sensor Processing Electronics
SPE	Signal Processor Element
Spec	Specification
SPF	Single Point of Failure
SPG	Special Purpose Gateway
SPG	System Protection Guide
SPI	Schedule Performance Index
SPIRAC	South Polar-Based Infrared Array
SPIU	Sensor-Processor Interface Unit
SPL	Software Process Lead
SPL	Sound Pressure Level
SPM	Standards and Procedures Manual
SPM	Sun Point Mode
SPN	Shared Processing Network
SPO	System Program Office
SPOC	Search and Rescue Point of Contact
SPP	Shared Processing Program
SPPT	Sensor Performance Prediction Tool
SPS	Security Police Squadron
SPS	Signal Processing Subsystem (FT)
SPS	Standard Positioning Service

Acronym	Description
SPSO	Science Processing Support Office
SPT	System Performance Team
SPT	System Performance Test
SPW	Signal Processing Workstation
SQA	Software Quality Assurance
SQAP	Software Quality Assurance Plan
SQE	Software Quality Evaluations
SQL	Structured Query Language
SQPN	Staggered Quadriphase Pseudo-random Noise
SQPSK	Staggered Quadrature Phase Shift Key
SR	Scanning Radiometer
sr	Steradian
SRB	Schedule Review Board
SRB	Solicitation Review Board
SRB	Solid Rocket Booster
SRB	Surface Radiation Budget
SRD	Sensor Requirements Document
SRD	System Requirements Document
SRF	Satellite Rotation Fixture
SRR	Software Requirements Review
SRR	System Requirements Review
SRS	Satellite Requirements Specification (NPP)
SRS	Simulator Requirements Specification
SRS	Software Requirements Specification
SRS	Subsystem Requirement Specification
SRTM30	Shuttle Radar Topography Mission 30
SRV	Space Vehicle Contractor
SRVM	System Requirements Verification Matrix
SS	Space Segment
SS	Survivable Sensors
SS	System Specification
SSA	S-Band Single Access
SSA	Source Selection Authority
SSAA	System Security Authorization Agreement
SSAC	Source Selection Advisory Council
SSALT	Solid-State Radar Altimeter
SSAT	Senior Science Advisory Team
SSB/X	Special Sensor Gamma and X-ray Detector
SSBUV	Shuttle Solar Backscatter Ultraviolet

Acronym	Description
SSCM	Spacecraft Subsystems Cost Model
SSD	Strategic Systems Division
SSDD	System/Subsystem Design Document
SSE	System Security Engineering
SSEB	Source Selection Evaluation Board
SSEG	Source Selection Evaluation Guide
SSET	Source Selection Evaluation Team
SSF	Source Selection Facility
SSF	Space Segment Simulator Facility
SSH	Sea Surface Height
SSH/T	Sea Surface Height/Topography
SSI/ES	Special Sensor for Ions and Electrical Plasma Drift/Scintillation
SSIRU	Scalable Space Inertial Reference Unit
SSJ/4	Special Sensor Precipitating Charged Particle Spectrometer
SSL	Secure Sockets Layer
SSM	Scene Selection Mode
SSM	Special Sensor Fluxgate Magnetometer
SSM/I	Special Sensor Microwave/Imager
SSMI/S	Special Sensor Microwave Imager/Sounder/Suite
SSMIS	Special Sensor Microwave Image Sounder
SSMR	Scene Selection Mirror Reference
SSN	Space Support Node
SSO	Satellite Systems Operator
SSOC	Suitland Satellite Operations Center
SSOT	Software State of Technology
SSP	Shared Service Provider
SSP	Source Selection Plan
SSP	System Safety Plan
SSPA	Solid-State Power Amplifier
SSPM	Software Standards and Practices Manual
SSPR	Shared System Performance Responsibility
SSR	Software Specification Review
SSR	Solid State Recorder
SSS	Spacecraft Software Subsystem
SSST	Skin SST
SST	Sea Surface Temperature
SST	Software State of Technology
SSTI	Small Satellite Technology Initiative
SSTP	Solid State TOMS Profiler

Acronym	Description
SSU	Stratospheric Sounding Unit
SSULI	Special Sensor Ultraviolet Limb Imager
SSUSI	Special Sensor Ultraviolet Spectrographic Imager
SSVT	Satellite Simulator Validation Test
SSW	Sea Surface Water
SSW	Sea Surface Winds
SSWG	System Safety Working Group
SSWG	System Security Working Groups
ST	Science Team
ST	Site Test
ST	Surface Type
ST&E	Security Testing and Evaluation
STA	Star Tracker Assembly
STA	Stored Telemetry Analysis
STA	System Threat Assessment
STAAC	System Technology and Advanced Concepts
STAR	System Threat Assessment Report
STARS	Standard Terminal Automation Replacement System
STC	Software Test Case
STC	System Test Computer
STC	System Test Controller
STD	Standard
STD&P	Standards and Procedures
STDN	Spaceflight Tracking and Data Network
STE	Satellite Test Equipment
STE	Software Test Environment
STE	Special Test Equipment
ster	Steradian
STGT	Second TDRSS Ground Terminal
STIKSCAT	Stick Scatterometer
STK	Satellite Tool Kit
S-TLM	Stored Telemetry
S-TLM	Stored Telemetry Data
STM	Single Thruster Module
STP	Software Test Plan
STP	Space Test Program
STP	System Test Plan
STP	Start, Terminate Process
STR	Software Test Report

Acronym	Description
STRAT	Stratospheric Tracers of Atmospheric Transport
STRATCOM	Strategic Command
STT	Small Tactical Terminal
STX	S-band Transmitter
SU	Software Unit
SUAG	Senior User's Advisory Group
SUROM	Start Up Read Only Memory
SURTASS	Surveillance Towed Array Sensor System
SuS	Survivability Sensor
SUSIM	Solar Ultraviolet Spectral Irradiance Monitor
SV	Schedule Variance
SV	Sensor Vendor
SV	Space Vehicle
SV	State Vector
SVA	Security Vulnerability Analysis
SVA	Sub-Vehicle Equipment
SVE	Space Vehicle Equipment
SVIIT	Satellite Interface and Integration and Test
SVR	Supplemental Verification Report
SVP	System Verification Plan
SVR	System Verification Review
SVT	System Validation Test
SW	Shortwave
SW	Software
SWBS	Sensor Work Breakdown structure
SWC	Space Warfare Center
SWEWG	Software Engineering Working Group
SWG	Security Working Group
SWG	Software Working Group
SWH	Significant Wave Height
SWIC	Software Integration and Checkout
SWIR	Short Wave Infrared
SWIRLS	Stratospheric Wind Infrared Limb Sounder
SWPG	Software Process Group
SWXS	Space Weather Squadron
SYSCOM	Systems Command
SZA	Solar Zenith Angle
T	
T	Test

Acronym	Description
T&C	Telemetry and Command
T&C	Telemetry and Control
T&E	Test and Evaluation
T/P	Topex/Poseidon
TAA	Technical Assistance Agreement
TAB	Total Allocated Budget
TAC	Telemetry And Command subsystem
TACON	Tactical Control
TACTERM	Tactical Terminal
TAD	Technical Activities Division
TAE	Transportable Applications Executive
TAF	Technical Architecture Framework
TAI	International Atomic Time
TAI	Temps Atomique International
TAM	Triple Axis Magnetometer
TAR	Tape Archive [DEC-developed format]
TARFOX	Tropospheric Aerosol Radiative Forcing Experiment
TASL	Tracking and Subpoint Listings
TBC	To Be Confirmed
TBD	To Be Described
TBD	To Be Determined
TBR	To Be Resolved (by contractor/government)
TBR	To Be Reviewed
TBR	To Be Revised
TBS	To Be Specified
TBS	To Be Supplied (by government)
TBT	Text Before Transmit
TBW	To Be Worked
TBX	TBD, TBR, and TBS
TC	Thermal Cycling
TC	Total Column
TC	Telemetry Command
TCP	Transport Control Protocol
TCP	Tropospheric Chemistry Program
TCP/IP	Transmission Control Protocol/Internet Protocol
TCPI	To Complete Performance Index
TCS	Telemetry and Command Subsystem
TCS	Thermal Control Subsystem
TCS	Top Coordination Schedule

Acronym	Description
TCS	TOP Coordination Thermal Control Schedule
TCS	TOP Coordination Thermal Control Subsystem
TCT	Telemetry Conversion Table
TCTS	Telemetry and Command Test Set
TCVL	Temperature Compensated Voltage Limit
TD	Technical Data
TDA	Tactical Decision Aids
TDC	Total Direct Commitment
TDE	Torquer Drive Electronics
TDF	Test and Development Facility
TDI	Time Delay and Integration
TDP	Total Direct Procurement
TDR	Temperature Data Record
TDRs	Temperature Data Records
TDRS	Tracking and Data Relay Satellite
TDRSS	Tracking and Data Relay Satellite System
TE	Test Engineer
TE	Test equipment
TEB	Tender Evaluation Board
TEC	Total Electron Content
TED	Threat Environment Description
TED	Total Energy Detector
TEDD	Total Energy (Density) Detector
TEFLUN	Texas/Florida UNderflights experiment
TEK	Traffic Encryption Key
TEMP	Temperature
TEMP	Test and Evaluation Master Plan
TEMPER	Tropospheric Electromagnetic Parabolic Equation Routine
TEMPEST	Electromagnetic Radiation Suppression Program/Computer Emissions
TEMPEST	Telecommunications Electronics Material Protected from Emanating Spurious Transmissions
TERCAT	Terrain Categorization
TERSE	Tunable Etalon Remote Sounder of Earth
TES	Tropospheric Emission Spectrometer
TESS	Tactical Environmental Support/Satellite System
TEWG	Test and Evaluation Working Group
TF	Transfer Frame
TGT	TDRSS Ground Terminal
TH	Tropopause Height

Acronym	Description
TIB	Temporary Import Bonds
TID	Technology Implementation Difficulty
TID	Total Ionizing Dose
TIDE	Total Ionizing Dose Environment
TIM	Technical Interchange Meeting
TIM	Total Irradiance Monitor
TIPT	Technical Integrated Product Team
TIROS	Television and Infrared Observation Satellite
TIWV	Total Integrated Water Vapor
TL	Team Leader
TLE	Two Line Elements (NORAD Mean Elements)
TLM	Telemetry
TM	Team Member
TM	Technical Manual
TM	Thematic Mapper
TMI	TRMM Microwave Imager
TML	Total Mass Loss
TMM	Thermal Math Model
TMR	TOPEX Microwave Radiometer
TNOC	Tromsø Network Operation Control
TO	Technical Order
TOA	Net Short-wave Radiation
TOA	Time of Arrival
TOA	Top Of Atmosphere
TOADS	Training Observers And Directors
TOC	Telecommunications Operations Center
TOC	Total Cost of Ownership
TOD	Time of Day
TOGA	Tropical Ocean Global Atmosphere
TOMS	Total Ozone Mapping Spectrometer (Nimbus-7 Sensor)
TOMUIS	3-D Ozone Mapping with Ultraviolet Imaging Spectrometer
TOPEX	Ocean Topography Experiment (A Sensor)
TOTE	Tropical Ozone Transport Experiment
TOVS	TIROS Operational Vertical Sounder
TPDR	Tailored Preliminary Design Review
TPM	Technical Performance Measure
TPM	Technical Performance Measurement
TPP	Training Program Plan
TPPR	Test Plans and Procedures Review

Acronym	Description
TPWG	Test Planning Working Group
TQCM	Temperature Controlled Quartz Crystal Microbalances
TR	Technical Review
TR	Tracking Report
TRA	Torque Rod Assembly
TRASYS	Thermal Radiation Analysis System
TRB	Test Review Board
TRB/FRB	Test/Failure Review Board
TRD	Technical Requirements Document
TRMM	Tropical Rainfall Measuring Mission
TRONEW	Tropical Cloud Forecast Model
TRR	Test Readiness Review
TS	Time Stamp
TS	Tracking Statistics
TSC	Tri-agency Steering Committee
TSDR	Tailored System Design Review
TSIS	Total Solar Irradiance Sensor
TSIS/M	Total Solar Irradiance Sensor/Monitor
TSP	Telecommunication Service Priority
TSPR	Total System Performance Responsibility
TSRA	Training System Requirements Analysis
TSS	Total System Simulator
TT&C	Tracking, Telemetry and Control
TT&C	Tracking, Telemetry, and Command
TT&C	Tracking, Telemetry, and Communication
TTT	Tiny Tactical Terminal
Tu	Third Stokes Parameter
Tv	Fourth Stokes Parameter
TV	Thermal Vacuum
TVAC	Thermal Vacuum
TVC	Thermal Vacuum Chamber
TWTA	traveling wave tube amplifier
TXU	Transmitter Unit
TY	Then Year
TY$	Then Year Dollars
U	
U	Unclassified
UARS	Upper Atmosphere Research Satellite
UAV	Unmanned Aerial Vehicle

Acronym	Description
UB	Undistributed Budget
UCAR	University Corporation for Atmosphere Research
UCR	Unit Cost Reporting
UDP	User Datagram Protocol
UDS	Universal Documentation System
UDS	User Display Subsystem (FT)
UHF	Ultra High Frequency
UI	User Interface
UID	Unique Identification
UIID	Unique Instrument Interface Document
UIIS	Unique Instrument Interface Specification
UIT	Ultraviolet Imaging Telescope
ULA	United Launch Alliance
ULOSA	Unit-Level Open System Architecture
UMARF	Unified Meteorological Archiving and Retrieval Facility
UML	Unified Modeling Language
UNCED	United Nations Conference on Environment and Development
UNEP	United Nations Environment Program
UNESCO	United Nations Educational, Scientific, and Cultural Organization
UPN	Unique Project Number
UPS	Uninterruptible Power System
UR	Universal Reference
URI	Uniform Reference Identifier
URL	Universal Resource Locator
US	United States
USA	United States of America
USA	United States Army
USAF	United States Air Force
USAF/XOW	Air Force Director of Weather
USAPC	United States Argos Processing Center
USB	Unified S-band
USB	Universal S-Band
USC	United States Code
USC	University of Southern California
USCG	United States Coast Guard
USCM	Unmanned Space vehicle Cost Model
USD(A&T)	Under Secretary of Defense (Acquisition and Technology)
USD/P	Under Secretary of Defense for Policy
USDA	United States Department of Agriculture

Acronym	Description
USE	Unique Support Equipment
User	IDPS Central or Field Terminal User
USFCM	United States Federal Coordinator for Meteorology
USG	United States Government
USGPC	United States Argos Global Processing Center
USGCRP	United States Global Change Research Program
USGPS	United States Global Processing Center
USGS	United States Geological Survey
USMC	United States Marine Corps
USMCC	United States Mission Control Center
USN	United States Navy
USNO	United States Naval Observatory
USSPACECO	United States Space Command
USSTRATCOM	United States Strategic Command
USWRP	United States Weather Research Program
UT	User Terminal
UTC	Coordinated Universal Time
UTC	Universal Time Code
UTC	Universal Time Coordinated (USNO and FSU Versions)
UTEP	University of Texas, El Paso
UUT	Unit Under Test
UUV	Unit Under Verification
UV	Ultraviolet
UVISI	Ultraviolet and Visible Imagers and Spectrographic Imagers
V	
V	Velocity
V	Vertical
v	volts
V&H	Vulnerability and Hardness
V&V	Verification and Validation
VA	Validation
VAC	Variance At Completion
VAFB	Vandenberg Air Force Base
VAN	Value Added Network
VAP	VIIRS Auxiliary Processor
VAR	Variance Analysis Report
VAR	Visit Access Request
VARB	Vehicle Anomaly Review Board
VCC	Vehicle Command Count

Acronym	Description
VCDU	Virtual Channel Data Unit
V_{CE}	Collector-Emitter Voltage
VCF	Verification Change Form
VCID	Virtual Channel Identifier
VCID	Virtual Channel Identification
VCL	Vegetation Canopy Lidar
VCN	Voice Communications Network
VCRM	Verification Cross Reference Matrix
VCS	Vertical Cell Size
VDA	Verification Disposition Authority
VDD	Version Description Document
VDE	Valve Drive Electronics
V_{DS}	Drain-Source Voltage
VDS	Vehicle Dynamics Simulation
VDS	Vehicle Dynamics Simulator
VE	Verification Event
VED	Vehicle Enters Darkness
VES	Vehicle Enters Sunlight
VFR	Visual Flight Rules
VHF	Very High Frequency
VI	Vegetation Index
VIIRS	Visible/Infrared Imager/Radiometer Suite
VIRS	Visible Infrared Scanner
VIRSR	Visible Infrared Scanning Radiometer
VIS	Visible
Vis/IR	Visible/Infrared
VISSR	Visible/Infrared Spin-Scan Radiometer
VLAN	Virtual Local Area Network
VMP	Vertical Moisture Profile
VNIR	Visible and Near Infrared
VOAT	VIIRS Operational Algorithm Team
VOSBC	Veteran-Owned Small Business Concern
VOTE	Vortex Ozone Transport Experiment
VPF	Vector Product Format
VPN	Virtual Private Network
VR	Verification Review
VRA	VHF Real-time antenna
VRI	Vertical Reporting Interval
VSA	Vector Signal Analyzer

Acronym	Description
VSH	Vector Spherical Harmonic model
VSI	Vertical Sampling Interval
VSWR	Voltage Standing Wave Ratio
VTP	Vertical Temperature Profile
VWG	Verification Working Group
W	
W	Watts
W3C	World Wide Web Consortium
W&P	Weight and Priority
W/m²	Watts per square meter
W/T	Weapons/Tactical Decision Aids
WAN	Wide Area Network
WBDCS	Wide-Band Data Collection System
WBMOD	Wide Band Ionospheric Scintillation Model
WBS	Work Breakdown Structure
WC	Worst Case
WCRP	World Climate Research Program
WDE	Wheel Drive Electronics
WEFAX	Weather Facsimile
WETNET	Network for distribution and joint analysis of SSM/I data
WFM	Workflow Manager
WFOV	Wide Field of View
WG	Working Group
WGS	World Geodetic System (WGS 84)
WI	Work Instruction
WINDII	Wind Imaging Interferometer
WINDS	Wind Infrared Doppler Lidar Sensor
WindSAT	Satellite Based Wind Speed and Direction System
WIPT	Working Level Integrated Product Team
WMM	World Magnetic Model
WMO	World Meteorological Organization
WN	WNINTEL
WNINTEL	Warning Notice – Intelligence Sources or methods involved
WOA94	World Ocean Atlas 1994
WOCE	World Ocean Circulation Experiment
WOSB	Woman-Owned Small Business
WP	Work Package
WPTB	NPOESS Weather Prediction Testbed
WPTB	NPOESS Weather Product Testbed

Acronym	Description
WR	Western Range
WR	Work Request
WRC-99	World Radio Conference 1999
WRRP	Work Request Review Panel
WRS	Work Request System
WSC	White Sands Complex
WSG	Wallops Scheduling Group
WSGT	White Sands Ground Terminal
WSS	Wavenumber Step Size
WTR	Western Test Range
WVS	World Vector Shoreline
WWW	World Weather Watch
WWW	World-Wide Web
WX	Weather
X	
X-band	Region of RF Spectrum
XBT	Expendable Bathythermograph
xDR	Any or all of RDR, SDR,TDR, and EDR
XEPF	Extended-Extended Payload Fairing
XIE	X-ray Imaging Experiment
XML	eXtensible Markup Language
XMTR	Transmitter
XOR	Exclusive OR
X-SAR	X-band Synthetic Aperture Radar
XTE	X-ray Timing Explorer
Y	
yr	Year
Z	
ZAP	Z-axis Precession (EOS mode)
ZOE	Zone of Exclusion
ZPD	Zero Path Difference