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ACRONYMS for the
EOSDIS Maintenance and Development
(EMD) Project

Technical Paper

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Abstract

An acronym is usually derived by using the first letter of each word in a phrase to form a shortened version of the phrase (NASA, GSFC, EMD). Sometimes parts of a series of words in a phrase are used to create the acronym (radar for *ra*dio *d*etecting *a*nd *r*anging). Acronyms are used to save space, but more than that they aid in communication by allowing the reader (or speaker and listener) to concentrate on the message and not lengthy, and sometimes cumbersome phrases (CORBA rather than "common object request broker architecture").

The purpose of the Acronym List for the EMD Project is to define terminology used within the EOSDIS Maintenance and Development (EMD) Project. The list was created by EMD engineers and scientists and is maintained by the EMD Data Management organization.

Keywords: dictionary, definitions, abbreviations, style, guide

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A

A.A.	Astronomical Almanac
AA	ancillary data access
AALE	adjusted annual loss expectancy
AAP	advanced archival products
AATSR	Advanced Along-Track Scanning Radiometer (ESA)
ABL	allocated baseline
ABC++	Document generator used to provide class level detail (CDRL 305)
A/C	air conditioning
AC	alternating current
ACI	allocated configuration identification algorithm calling interface
ACL	access control list
ACMHW	Access and Control Management HWCI
ACR	Active Cavity Radiometer
ACRIM	Active Cavity Radiometer Irradiance Monitor
ACRIMSAT	Active Cavity Radiometer Irradiance Monitor Satellite
ACS	Archived Catalog System (ASF) Automated Cartridge System attitude control system
ACSLS	Automated Console System for Library Services
ACT	Atmosphere Correction TIR
ACVS	Atmospheric Correction – VNIR SWIR
ACWP	Actual Cost of Work Performed
AD	applicable document
ADADS	ASTER Data Archive and Distribution System
ADC	affiliated data center advertisement
ADEOS	Advanced Earth Observing System (Japan)

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ADIC	Advanced Digital Information Corporation
ADN	ASTER Data Network
ADP	automated data processing
ADPE	automated data processing equipment
ADR	Architecture Design Review
ADS	archive data set
ADSERV	Advertising Service
ADSHW	Advertising Service HWCIADSRV Advertising Service CSCI
AFD	architecture flow diagrams
AFE	annual frequency estimate
AFGWC	Air Force Global Weather Central
AFL	Affected File List
AFM	Affected File Metadata
AFSCN	Air Force Satellite Control Network
AGS	ASTER Ground System
AGU	American Geophysical Union
AHWGC	Ad Hoc Working Group on Consumers
AHWGP	Ad Hoc Working Group on Production
AI	artificial intelligence action item
AI&T	algorithm integration and test
AIAA	American Institute of Aeronautics and Astronautics
AID	architecture interconnection diagram
AIF	Algorithm Integration Facility (UK)
AIM	automated information management
AIR	airborne imaging radar
AIRS	Atmospheric Infrared Sounder
AIS	automated information security
AISO	automated information security officer
AIT	algorithm integration team algorithm integration and test

AITHW	Algorithm Integration and Test HWCI
AITT	Algorithm Integration and Test Team
AI&T	Algorithm Integration and Test
AITTL	Algorithm Integration and Test Tools CSCI
ALE	annual loss expectancy
ALOG	Application Log File
	applications log
ALPEX	Alpine Experiment
AM	morning equator crossing spacecraft (ante meridiem)
AMASS	Archival Management and Storage System
AM-1	EOS AM Mission spacecraft 1, morning equator crossing spacecraft series -- ASTER, MISR, MODIS and MOPITT instruments (see TERRA)
AMEX	Australian Monsoon Experiment
AML	Automated Media Library
AMPE	automated message processing exchange
AMPT	Automated Maneuver Planning Tool
AMS	American Meteorological Society
AMSR	Advanced Microwave Scanning Radiometer
AMSR-E	Advanced Microwave Scanning Radiometer - EOS
AMSU	Advanced Microwave Sounding Unit
AMTS	Advanced Meteorological Temperature Sounding Study
AMU	Automated Management Unit
ANC	Ancillary
Andes MIS	Andean Morphstectonic Information System
ANSI	American National Standards Institute
AO	announcement of opportunity
A_O	operational availability (also shown as Ao)
AOC	award of contract
AOG	Archive to OWS Gateway
AOI	Area of Interest

AOIPS	Atmospheric and Oceanographic Information Processing System
AOL	Airborne Oceanographic Lidar
AOS	acquisition of signal advanced orbiting system ASTER Operations Segment Area of Search
AP	accounts payable Algorithm Package
APC	Access/Process Coordinators
API	Application Program Interface
APID	application process identifier
APL	Applied Physics Laboratory (at Johns Hopkins University)
APT	automatic picture transmission
AQA	Algorithm Quality Assurance
AQAHW	Algorithm Quality Assurance HWCI
AQUA	rename for PM-1 Mission; mission to study the land, oceans, and the earth's radiation budget (AIRS, AMSR-E, AMSU, CERES, HSB, MODIS)
AR	accounts receivable Action Request
ARAM	automated reliability/availability/maintainability
ARB	Architecture Review Board
ARC	Ames Research Center Antarctic Research Center
ArcIMS	Arc Internet Map Server
ArcSDE	Arc Spatial Data Engine
ARGOS	Argos Data Collection And Position Location System
ARIA	Advanced Range Instrumentation Aircraft Arizona Regional Image Archive
ARICS	accounts receivable invoice control system
ARIN	Aerospace Resource Information Network
ARISTOTELES	Applications and Research Involving Space Technologies Observing the Earths' Field from Low Earth Orbiting Satellite
ARM	Atmospheric Radiation Measurement (DoE program)

ARP	address resolution protocols
ARPA	Advance Research Project Agency
ARS	Action Request System (by Remedy) Agricultural Research Service
AS	Administration Stations ASTER
ASAS	Advanced Solid-State Array Spectrometer
ASAR	Advanced Synthetic Aperture Radar (ESA)
ASBP	AIRS Summary Browse Products
ASC	ascending
ASCII	American Standard Code for Information Interchange
ASDC	Atmospheric Science Data Center (aka: LaRC, Langley Research Center, Hampton)
ASE	Adaptive Server Enterprise (Sybase Server)
ASF	Alaska SAR Facility (DAAC)
ASI	Agenzia Spaziale Italiano
ASLE	adjusted single loss expectancy
ASN.1	abstract syntax notation one
ASSIST	ADPE system sizing tool
AST	algorithm support team ASTER Science Team
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer (formerly ITIR)
ASTGW	ASTER Gateway CSCI
ASYNC	Asynchronous
AT	Acceptance Test
ATBD	Algorithm Theoretical Basis Document
ATC	absolute time command
ATI	Acquisition Technologies, Inc. (EMD Raytheon Subcontractor)
ATL	Automated Tape Library
ATLAS	Atmospheric Laboratory for Applications and Science
ATLID	Atmospheric Lidar

ATM	Asynchronous Transfer Mode
ATMOS	Atmospheric Observations Satellite atmosphere
ATMP	acceptance test management plan
ATP	acceptance test plan
ATRR	Acceptance Test Readiness Review
ATSR	Along Track Scanning Radiometer
ATT	acceptance test team
AURA	rename for CHEM Mission; NASA mission to study the earth's ozone, air quality, and climate
AVG	average
AVHRR	Advanced Very High-Resolution Radiometer
AVIRIS	Airborne Visible and Infrared Imaging Spectrometer
AVS	Advanced Visualization System
AWARDS	Agricultural Water Resources Decision Support System
AWIPS-90	Advanced Weather Interactive Processing System for the 90's

B

B1950	Mean Celestial Reference Frame JD 2433282.0 TDT (2433282.0 is noon, not midnight, and is equivalent to 1949-12-31T22:09:46:816 UTC)
B&A	Browse and Archive
BAAS	Billing/Accounting Application Service
BAFO	best and final offer
BAP	baseline activity profile
BASC	Board on Atmospheric Science and Climate (NRC)
BB	broad band bulletin board
BBS	bulletin board server bulletin board service bulletin board system
BCR	budget change request

BCP	Bulk Copy Program
	Bulk Copy Procedure
	Bulk Copy Utility
BCWP	budgeted cost for work performed
BDDN	broadcast data distribution node
BDDS	broadcast data distribution system
BDF	bi-directional reflective factor
BDRFs	Bidirectional Reflectance Distribution Function
BDRN	broadcast data receiver node
BDS	Bulk Data Server
BDU	bus data unit
BER	bit error rate
BGP	boundary gateway protocol
BIP	background information package
BIS	Baseline Information System
BIT	built in test
BIU	bus interface unit
BLM	BaseLine Manager
	Baseline Management
	Bureau of Land Management
BMFT	Bundesministerium fur Forschung und Technologie (FRG)
BMGT	Bulk Metadata Generation Tool
BNF	Backus-Naur Form
BNSC	British National Space Centre
BOA	basic object adapter
BoCoMo	Boone County, Missouri
BOD	beneficial occupancy date
BOE	Basis of Estimate
BOM	Bill of Material
BONeS	block oriented network simulator
B0SOT	B.0 Search and Order Tool

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BPEL4WS	Business Process Execution Language for Web Services
bpi	bits per inch
bps	bits per second
Bps	bytes per second
BRDF	bi-directional reflective distribution function
BTS	Brightness Temperature at Sensor
BTU	British thermal unit
BUFR	binary universal format for representation [of data]

C

C	connect
C&DHS	Command and Data Handling Subsystem (AM-1)
C&DM	configuration and data management
C&T	communications and tracking
C/D	integrated Phase C and Phase D contract
C/PAR	Corrective and Preventive Action Report
C^3	Communications, Command and Control
CAC	command activity controller
CAD	computer aided design
CADRE	Crop Condition Data Retrieval and Evaluation
CADU	channel access data unit
CAE	computer-aided engineering
CAL/VAL	calibration/validation
CALS	Cloud and Aerosol Lidar System
CALS	computer-aided acquisition and logistics support
CAM	computer-aided manufacturing control account manager
CAMS	Continuous Air Monitoring Sites
CAP	Cartridge Access Port

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CASE	computer aided software engineering
CAST	computer aided software test
CBB	contractor's budget baseline
CBP	Celestial body position
CBT	computer based training
CCA	Cloud cover Assessment (Landsat Scene Information)
CCB	Change Control Board (Raytheon Convention) Configuration Control Board (NASA Convention)
CCD	charge coupled device
CCDI	ClearCase DDTS Integration
CCITT	Comite Consultatife International de Telephonique et Telegraphique (France) Consultative Committee for International Telecommunication and Telegraph
CCR	commitment, concurrency, and recovery (protocol) configuration change request
CCRS	Canadian Centre for Remote Sensing
CCS	Common Carrier Subsystem (Ecom) Communications and Control Segment (NCC) Control Center System
CCSDS	Consultative Committee for Space Data Systems
CCSP	Climate Change Science Program
CCT	computer-compatible tape
CCTI	control center technology interchange
CD	compact disk cartridge drives
CD-ROM	compact disk - read only memory
CDA	command and data acquisition
CDCR	Conceptual Design And Cost Review
CDDIS	Crustal Dynamics Data Information System
CDDTS	Clear Distributed Defect Tracking System
CDE	Common Desktop Environment
CDF	Common Data Format
CDHF	Central Data Handling Facility

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CDIAC	Carbon Dioxide Information and Analysis Center (also known as DOE/CDIAC)
CDIC	Carbon Dioxide Information Center
CDIS	command and data interface simulator
CDMS	Cryospheric Data Management System (NSIDC)
CDMTS	Configuration/Data Management Tracking System (ECS/EMD)
CDOS	Customer Data and Operations System (obsolete)
CDR	Critical Design Review
CDRC	CIESIN Data and Research Center
CDRD	Contract Data Requirements Document
CDRL	Contract Data Requirements List
CDS	cell directory service CCSDS day segmented time code
CDSCP	cell directory service command program
CDSF	customer data service facility
CDU	customer data unit
CDW	critical design walk-through
CE	CERES
CEC	Commission of European Committees
CEES	Committee on Earth and Environmental Sciences
CEI	contract end item
CEO	Centre for Earth Observation (ESA)
CEOS	Committee on Earth Observations Satellites
CEOSWGD/CS	CEOS Working Group on Data, Catalog Subgroup
CERES	Clouds and Earth's Radiant Energy System
CERT	Computer Emergency Response Team
CESDIS	Center for Excellence in Space Data and Information Sciences
CESDS	Central Environmental Satellite Data System (NOAA)
CF	customer facility
CFE	customer furnished equipment
CFG	configuration file

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CFIS	conflict-free instrument schedule
CFR	Code of Federal Regulations
CFS	conflict-free schedule
CGC	Committee on Global Change (NRC)
CGI	Common Gateway Interface
CGIS	Center for Geographic Information Sciences
CGM	computer graphics metafile
CHCI	communications hardware configuration item
CHEM	see EOS-CHEM
CHI	computer human interface
CHUI	character-based user interface
Ci	Consequence
CI	configuration item
CID	Control Item Identifier
CIDM	Client, Interoperability and Data Management
CIESIN	Consortium for International Earth Science Information Network
CIL	common interface language critical items list
CINTEX	CEOS Catalogue Interoperability Experiment
CIWG	Catalog Interoperability Working Group
CLAES	Cryogenic Limb Array Etalon Spectrometer
CLCW	command link control word
CLI	command line interface
CLS	Client Subsystem
CLTU	command link transmission unit
CM	Configuration Management
CMA	CM Administrator
CMAS	configuration management application service
CMD	command
CMI	continuous measurable improvement Cryptographic Management Interface

CMIP	common management information protocol
CMIS	common management information services
CMM	Capability Maturity Model
CMO	Configuration Management Organization
CMP	Configuration Management Plan corrective maintenance performed
CMS	command management system common management service
CN	change notice
CNES	Centre National d'Etudes Spatiales (France)
CO	contracting officer
CO1	Change Order 1
COARE	[TOGA] Coupled Ocean-Atmosphere Response Experiment
CODMAC	Committee on Data Management, Archiving, and Computing
COHMEX	Cooperative Huntsville Meterological Experiment
CoI	co-investigator
COLOR	Ocean Color - see EOS-COLOR
COMMS	Communication Subsystem (AM-1)
COMSO	COMSO, Inc. (EMD Raytheon Subcontractor)
CONFIG	Configuration Registry Subsystem
CONS	connection oriented network service
COOP	continuity of operations plan
COP	command operation procedure calibrated output processing
CORBA	common object request broker architecture
COSMIC	Computer Software Management and Information Center (NASA)
COSS	common object services specifications
COTR	Contracting Officer's Technical Representative
COTS	Commercial Off-The-Shelf (hardware or software)
CPAF	Cost Plus Award Fee
CPC	Climate Prediction Center

CPCI	Computer Program Configuration Item
CPF	Calibration Parameter File
CPIO	Copy In and Out
CPL	computer program library
CPM	critical path method
CPrS	Coverage Processing Service
CPS	contractor purchasing system Coverage Portrayal Service create public synonym
CPSR	Contractor Purchasing System Review
CPT	Contractor Provided Training Cross Product Team
CPU	central processing unit
CR	change report change request contractor report correlation radiometer create role classroom presentation equipment
CRC	Climate Research Committee (NRC) cyclic redundancy code
CRISTA	Cryogenic Infrared Spectrometers and Telescopes for the Atmosphere
CRL	Communication Research Lab (Japan)
CRM	change request manager
CRMS	Continuous Risk Management System
CRP	Conservation Reserve Program
CRR	Capabilities and Requirements Review
CRU	computer resource unit
CS	client server (use client-server for EDHS search)
CSA	Canadian Space Agency configuration status accounting
CSAT	Center for Space and Advanced Technology -- see ESSi
CSC	Computer Software Component coordinate system conversion

CSCI	Computer Software Configuration Item
CSDT	computer science data type
CSE	customer service engineer
CSG	ClearCase™ Support Group
CSI	configuration sub item
CSIRO	Commonwealth Scientific and Industrial Research Organization (Australia)
CSMS	Communications and Systems Management Segment (ECS)
CSO	computer security officer
CSR	Consent To Ship Review Center for Space Research
CSS	Communications Subsystem
CSSR	contract summary status report
CSTOL	Customer System Test and Operations Language
CSU	computer software unit
CSV	comma separated variable
CTC	contract target cost
CTC	cost to complete
CTD	cost to date
CTIU	command and telemetry interface unit (AM-1)
CtLib	Call to Library
CUC	constant and unit conversions CCSDS unsegmented time code
CUT	Code and Unit Test COTS Upgrade Team
CVCDU	coded virtual channel data unit
CVT	current value table
CWBS	contract work breakdown structure
CY	calendar year
CZCS	Coastal Zone Color Scanner

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D

D3	High performance tape cartridge system used in DSS STMGT CSCI. Model is Red Wood SD-3.
D/L	down-link
DAA	Data Availability Acknowledgment
DAAC	Distributed Active Archive Center
DADS	Data Archive and Distribution System Data Archive and Distribution Subsystem (Version 0)
DAM	DAAC archive manager
DAMUS	data management and user services
DAN	Data Availability Notice
DAO	Data Assimilation Office
DAP	directory access protocol Delivered algorithm package
DAR	Data Acquisition Request
DART	Data Acquisition Request Tool
DAS	Data Assimilation System (at DAO) Data Availability Schedule Detailed Activity Schedule Direct Access System (AM-1) Dual Attached Station
DASD	direct assess storage device
DASM	design and analysis support model
DAT	digital audio tape
DAWG	Data Access Working Group
DB	database direct broadcast (AM-1)
DBA	database administrator
DBCC	Database Consistency Checker
DBI	database interface
DBM	database management
DBMS	database management system

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DBO	Database Owner
DCA	data collection assignment
DCAR	data collection analysis request
DCCI	distributed computing configuration item
DCE	Distributed Computing Environment (OSF)
DCF	data capture facility
DCHCI	Distributed Communications HWCI Distributed Computing Hardware CI
DCL	data control language
DCMA	Defense Contract Management Agency
DCMC	defense control management center defense control management command
DCN	document change notice
DCO	document change order
DCP	default configuration procedure
DCR	data collection request
DCSRV	Document Server
DCTT	DSN Compatibility Test Trailer
DCW	Digital Chart of the World
DD	Data Dictionary
DD&M	Data Development and Management
DDA	Data Delivery Acknowledgment
DDB	delayed direct broadcast
DDC	document development and control (matrix)
DDF	Data Distribution Facility (Pacor)
DDICT	Data Dictionary CSCI
DDIST	Data Distribution CSCI
DDL	data definition language direct down-link (AM-1)
DDM	Database Development and Management (subsystem)
DDMT	Data Dictionary Maintenance Tool

DDN	Data Delivery Notice
DDR	Data Delivery Record (same as the Product Delivery Record) detailed design review data descriptive record
DDSIT	Data Distribution Service CSCI
DDSRV	Document Data Server CSCI
DDT	DAAC Distribution Technician
DDTS	Distributed Defect Tracking System™ (COTS)
DECOM	[FOS] decommutation process
DED	data element directory
DEF	data exchange format
DEG	degrees
DEM	Digital Elevation Model
DES	data encryption standard
DESC	descending
DESKT	Desktop CSCI
DEV	custom developed code
DFA	deleted from archive deletion from archive
DFCD	data format control document
DFD	data flow diagram
DFRD	data format requirements document
DFS	distributed file system
DHF	data handling facility
DHWM	data high water mark
DHSVM	Distributed Hydrology Soil Vegetation Model
DIAL	Digital and Information Access Link
DIB	directory information base
DID	data item description
DIF	data interface facility directory interchange format

DIM	Distributed Information Manager
DIMGR	Distributed Information Manager CSCI
DIP	distribution and ingest peripheral
DIPHW	Distribution and Ingest Peripheral HWCI
DIS	data information system data ingest and server data interface system Draft international standard
DIT	DAAC ingest technician
DLL	dynamic link library
DLOC	Delivered Lines of Code
DLPDU	Data Link Protocal Data Unit
DLPO	DoD Landsat Program Office
DLR	German Aerospace Research Establishment
DLS	Dynamic Limb Sounder
DLT	data link terminal digital linear tape
DLWM	data low water mark
DM	Data Management
DMA	Defense Mapping Agency
DME	distributed management environment
DMGHW	Data Management HWCI
DML	data manipulation language
DMO	Data Management Office
DMP	data migration plan
DMR	detailed mission requirements
DMS	Data Management Subsystem Data Migration Service degrees, minutes, and seconds
DMSP	Defense Meteorological Satellite Program
DMT	Data Management Team (LaRC)
DMWG	Data Migration Working Group

DN	design note
DNS	domain name service
DO	derived objects
DOC	distributed object computing
DoC	Department of Commerce
DOD	digital optical data digital optical disk
DoD	Department of Defense
DoE	Department of Energy
DOF	distributed object framework
DoI	Department of the Interior
DOM	Dissolved Organic Matter
DOPLID	Doppler Lidar
DORRAN	Distributed Ordering, Researching, Reporting, and Accounting Network (EDC)
DOTS	Data Ordering and Tracking System (JPL)
DOWS	DAAC OGC Web Services
DOY	Day of Year
DP	direct playback (AM-1) data provider Data Pool
DPAD	Data Pool Action Driver Data Pool Action Dispatcher
DPASU	Data Pool Access Statistics Utility
DPEM	data processing executive manager
DPF	data processing facility
DPFT	Data Processing Focus Team
DPI	data processing installation
DPIU	Data Pool Insert Utility
DPL	DataPool Subsystem
DPM	Deputy Project Manager Data Pool Maintenance
DPMA	Disaster Preparedness and Mitigation Assessment Program

DPP	Data Pedigree Review
DPR	Data Processing Request December Progress Review
DPREP	Data Pre-Processing
DPRID	data processing request identifier
DPS	Data Processing Subsystem
DPT	Deployment IPT
DQS	domain queuing system
DR	Data Repository data request disaster recovery discrepancy report deficiency report delivery record
DRA	data request acknowledgment
DRD	data requirements document
DRL	data requirements list
DRPHW	Data Repository HWCI
DRS	direct down-link receiving station
DRTS	Data Relay and Tracking Satellite (Japan)
DS	Data Server
DS-1	digital signal 1
DSA	directory service agent
DSB	direct soundings broadcast
DSC	Development Solution for the C programming language
DSCC	Deep Space Communications Complex (DSN)
DSI	Data Server Interface
DSKT	Desktop CSCI
DSM	data systems manager distribution storage management
DSMC	Defense System Management College
DSN	Deep Space Network

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DSP	directory service protocol
DSR	Daily Status Review
DSS	Data Server Subsystem decision support system
DST	Data diSTribution
DSU/CSU	data service unit/channel service unit
DT	data type
DT&E	development test and evaluation
DTD	document type definition (XML)
DTF	development and test facility Sony DTF Tape cartridge system (replacement for D3 tape cartridge system)
DTG	date time group
DTIC	defense technical information center
DTM	digital terrain model
DTR	development and test resource
DTS	Distributed Time Server Distributed Time Service Data Type Services
DUE	DAAC Unique Extension
DV	data visualization development
DVD	Digital Versatile Disk

E

E-R	entity-relationship
EA	External Ancillary
EAC	estimate at completion
EAP	EOSDIS Advisory Panel
Early AM-1	EOS Morning Crossing (Descending) Mission
EAS	ECS Advertising Service
EAS	electrical accommodation subsystem (AM-1)

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EASI	ECS Automatic System Installer (MSS)
EBCDIC	extended binary-coded decimal interchange code
EBF	Emergency Bug Fix
EBIS	ECS/EMD Baseline Information System
EBnet	EOSDIS Backbone Network (combines Ecom and ESN)
EC	European Community executive committee error conditions (types in tickets) engineering change
ECA	engineering change analysis
ECC	error correction and control
ECHO	ECS Clearing House
ECI	Earth centered inertial
ECM	ECS/EMD Change Manager
ECMP	ECS configuration management plan
ECMWF	European Centre for Medium Range Weather Forecasts (UK)
ECN	engineering change notice equipment control number
ECO	Engineering Change Order
Ecom	EOS Communications (replaced by EBnet)
ECP	engineering change proposal
ECR	Earth centered rotating engineering change request
ECS	Earth Observing System Data and Information Core System
ED	EDOS
EDC	Earth Resource Observation System (EROS) Data Center (DAAC)
EDCAS	equipment designers cost analysis system
EDF	ECS/EMD Development facility
EDG	EOS Data Gateway
EDGRS	ECS Data Gathering and Reporting System (OSS)
EDHS	ECS Data Handling System
EDI	electronic data interface

EDMP	ECS Data Management Plan
EDN	expedited data set notification
EDOS	Erath Observing System (EOS) Data and Operations System
EDP	ECS SDPS Documentation Package
EDR	expedited data set request
EDRS	European Data Relay Satellite
EDS	Earth Data System (NIIT) Electronic Data Systems (ECS/EMD Team) Expedited data set
EDU	EDOS Data Unit
EEA	European Environment Agency
EECF	Earthnet ERS-1 Central Facility
EEID	EOSDIS external interface document
EEMOC	European EMOC
EGCM	Eddy-resolving General Circulation Model
EGS	EOS Ground System
EIA	Electronic Industries Association
EIF	Entry Interface Facility
EIN	equipment identification number equipment inventory number
EIS	Emergency Information System
EISA	enhanced industry standard architecture
ELAS	Earth (Resources) Lab Applications Software
EMA	enterprise management architecture
E-mail	electronic mail (also Email, e-mail, and email)
EMASS	E-Systems Modular Automated Storage Systems
EMC	enterprise monitoring and coordination
EMD	EOSDIS Maintenance and Development Project
EME	ECS Maintenance Environment
EMI	electromagnetic-radiation interference
EMLS	EOS Microwave Limb Sounder

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EMOC	EOSDIS Mission Operations Center
EMOS	ECS Mission Operations Segment (formerly FOS)
EMSn	EOSDIS Mission Support Network (replaces EBNet)
ENAC	Energetic Neutral Atom Camera
ENACEOS	Energetic Neutral Atom Camera for EOS
ENSO	El Ni–o/southern oscillation
ENVISAT-1	first POEM mission (ESA)
EO	engineering order
EO-ICWG	Earth Observations International Coordination Working Group
EOC	Earth Observation Center (Japan) EOS Operations Center (ECS)
EODC	Earth Observation Data Centre (UK)
EOPS	ERBE Operational Processing System (LaRC)
EOS	Earth Observing System
EOS AM	EOS Morning Equator Crossing (Descending) Mission
EOSAT	Earth Observing Satellite Company
EOS CHEM	EOS Chemistry Mission
EOS COLOR	EOS Color Mission
EOS PM	EOS Afternoon Equator Crossing (Ascending) Mission (afternoon spacecraft series) (see AIRS, AMSU-A, MHS, MIMR, CERES and MODIS) instruments
EOSDIS	Earth Observing System Data and Information System
EOSL	Earth Observation Sciences Ltd. (UK)
EOSP	Earth Observing Scanning Polarimeter
EOSSMS	EOS Space Measurement System
EOSSRP	EOS Scientific Research Program
EP CSR	Evaluation Package Consent To Ship Review
EP	evaluation package
EPA	Environmental Protection Agency
EPDS	earth probe data system
EPG	ECS Process Improvement Group
EPH	ephemeris data access

EPRR	Evaluation Package Readiness Review
EPL	engineering parts list
EPO	emergency power off
EPOP	European Polar-Orbiting Platform
EPS	electrical power subsystem (AM-1) encapsulated postscript
EPV	endpoint vector
ERBE	Earth Radiation Budget Experiment
ERBS	Earth Radiation Budget Satellite
ERD	entity relationship diagram
ERIM	Environmental Research Institute of Michigan
ERL	environmental research laboratory
EROS	Earth Resources Observation System
ERS	Earth Resources Satellite European Remote-Sensing Satellite
ERS-1	European Remote Sensing Satellite-1
ERS-2	European Remote Sensing Satellite-2
ERSDAC	Earth Resources Satellite Data Analysis Center (Japan)
ERT	Earth Resources Technology, Inc. (EMD Raytheon Subcontractor)
ES	Engineering Software
ESA	European Space Agency
ESADS	Earth Science and Applications Data System (NASA Headquarters)
ESC	engineering support center
ESD	Engineering Support Directive Electrostatic Discharge
ESDD	Earth Science Data Directory
ESDIS	Earth Science Data and Information System (GSFC Code 423)
ESDT	Earth Science Data Type
ESE	Earth Science Enterprise
ESFU	enhanced standard format unit
ESG	Earth Science Gateway

ESH	EDOS Service Header
ESIC	Earth Science Information Center
ESID	EOSDIS systems interface document
ESIP	Earth Science Information Partnership
ESIS	ESA Space Information Systems
ESJWG	Earth Science Joint Working Group
ESMF	Earth Science Modeling Framework
ESMO	Earth Science Mission Operations
ESMP	ECS schedule management plan
ESMR	Electronically Scanning Microwave Radiometer
ESN	EOSDIS Science Network (ECS) (replaced by EBnet)
ESO	ECS Server Object
ESOD	Earth Science On-line Directory
ESQL	Earth Science Query Language
ESRI	Environmental Systems Research Institute
ESRIN	European Space Research Institute
ESRPA	Eastern Snake River Plain Aquifer
ESS	Engineering support subsystem (Ecom)
ESSC	European Space Science Committee
ESSi	Engineering and Science Services, Inc. (ECS Team)
ESSM	Enterprise SQL Server Manager
ESTAR	Electrically Scanned Thinned Array Radiometer
ESTEC	European Space Research and Space Technology Centre
ESTOL	EOS Standard Text and Operation Language
ESUS	ECS Scientist User Survey
ET	ephemeris tool Eastern (standard or daylight savings) Time Evapotranspiration
ETAC	EMASS Technical Assistance Center
ETC	engineering training course
ETFSP	Enhanced Technology Flight Segment Prototype

ETM	ECS technical manager
	engineering test model
ETM+	Enhanced Thematic Mapper Plus (Landsat 7)
ETR	Element Test Review
ETS	EOS test system
	EOSDIS Test System
	emissivity/temperature separation
EU	engineering unit
EUMETSAT	European Organization for the Exploitation of Meteorological Satellites
EUV	extreme ultraviolet
EUVE	Extreme Ultraviolet Explorer
EV	earned value (use earned-value for EDHS search)
EVI	Enhanced Vegetation Index
EVM	Earned Value Management
EVR	ECS Verification Report

F

F&PRS	Functional and Performance Requirements Specification
F/L	forward link
F/P-INT	Fabry Perot Interferometer
FAM	file access methods
FAME	formatting and multiplexing equipment
FAR	Federal Acquisition Regulation
FAS	FOS analysis subsystem
FASAB	Financial Accounting Standards Advisory Board
FASINEX	Frontal Air Sea Interaction Experiment
FAST	Fast Auroral Snapshot Explorer
FAT	factory acceptance test
	file allocation table (DOS)
FBL	functional baseline

FC	fiber channel
	functional components (types in tickets)
FCA	functional configuration audit
FCAPS	Fault, Configuration, Accountability, Performance, and Security
FCI	functional configuration identification
FCS	first customer shipment
FDD	Flight Dynamics Division
FDDI	Fiber Distributed Data Interface
FDF	Flight Dynamics Facility (replaced by FDS)
FDFEPHEM	FDF-generated definitive orbit data
FDIR	fault detection and isolation recovery
FDMA	frequency division multiple access (aka spread spectrum)
FDS	Flight Dynamics System
FED	frame encapsulator/decapsulator (Ecom)
FEMA	Federal Emergency Management Agency
FEP	front-end processor
FEWS	Famine Early Warning System
FFMSR	Federal Financial Management System Requirements
FFT	Fast Fourier Transform
FGDC	Federal Geographic Data Committee
FGGE	First Garp Global Experiment
FH	Fault Handling
FI	facility inspection
	faulty instrument
FIFE	First ISLSCP Field Experiment 1
FIFO	First in-First Out
FIPS	Federal Information Processing Standard
FIRE	First ISCCP Regional Experiment
FITS	flexible image transfer system
FIX	Federal Internet Exchange
FK	Foreign key

FLD	first level destination
FLDB	Fileset Location Database
FLI	Fluoresence Line Imager
FMAS	fault management application service
FMEA	failure modes and effects analysis
FNMOC	Fleet Numerical Meteorology and Oceanography Center
FNOC	Fleet Numerical Oceanographic Center (Navy) Federal Naval Operations Center
FOC	final operational capability
FOLD	Federally-owned Landsat data
FOO	flight of opportunity
FORMATS	FDF orbital and mission aids transformation system
FORTRAN	FORmula TRANslation (computer language)
FOS	Flight Operations Segment (ECS)
FOT	Flight Operations Team
FOV	field of view
FPMH	failures per million hours
FQDN	Fully Qualified Domain Name
FRB	Failure Review Board
FRR	Flight Readiness Review
FS	file structure (use file-structure for EDHS search) flight segment
FSDR	Final System Design Review
FSMS	file and storage management system
FST	Field Support Terminal (ECS)
FTA	transparent file access
FTAM	file transfer, access, and management file transfer access method
FTM	file transfer management
ftp	file transfer protocol
ftpd	file transfer protocol daemon

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FTS	Fourier Transform Spectrometer
FUI	FOS user interface
FWS	Fish and Wildlife Service
FY	fiscal year

G

G/B	gateway/bridge
GAC	global area coverage (AVHRR)
GAO	General Accounting Office
GAST	Greenwich apparent sidereal time
GATT	Government Acceptance Test Team
GB	gigabyte (10^9)
Gb	gigabit (10^9)
GBps	gigabytes per second
Gbps	gigabits per second
GBAD	Ground Based Attitude Determination Data
GC	global change
GCDIS	Global Change Data and Information System
GCF	ground communications facility (DSN)
GCM	global circulation model
GCMD	Global Change Master Directory
GCP	ground control point
GCRP	Global Change Research Program
GCT	geo-coordinate transformation
GCTP	general cartographic transformation package
GD	grid
GDAO	Goddard [Space Flight Center] Data Assimilation Office
GDC	GeoData Center (University of Alaska, Fairbanks)
GDD	Growing Degree Days

GDPS	ground data processing system
GDR	Geophysical Data Record (JPL)
GDS	ground data system ground directory service
GeoDIVA	Geographic Data & Information Visualization & Analysis
GEOSAT	Navy Geodetic Satellite
GES DAAC	Goddard Earth Science (aka G-DAAC, GSFC, Goddard, Greenbelt)
GEWEX	Global Energy and Water Cycle Experiment
GFDL	Geophysical Fluid Dynamics Laboratory
GFE	Government furnished equipment
GFI	Government furnished information
GFLOPS	giga (billions of) floating-point operations (10^9) per second
GFP	Government furnished property
GGI	GPS Geoscience Instrument
GHB	Goddard Handbook
GIA	Government Inspection Agency
GID	Group IDs
GIF	graphical interchange format
Giga	billion (10^9)
GIGE	Gigabit Ethernet
GIO	(NASA) Geospatial Interoperability Office
GIIS	General Instrument and Welfare Specification
GIMMS	Global Inventory Modeling and Monitoring Study
GIMTACS	GOES I-M Telemetry and Command System
GIPS	giga (billions of) instructions (10^9) per second
GIRD	General Interface Requirements Document
GIS	geographical information system
GISS	Goddard Institute for Space Studies
GKS	graphical kernel system
GL	general ledger

GLA	Goddard Laboratory of Atmospheres
GLAS	Geoscience Laser Altimeter System
GLIS	Global Land Information System (EDC)
GLM	Geostationary Meterorological Satellite
GLOBE	Global Backscatter Experiment
GLRS	Geoscience Laser Ranging System
GMI	Goddard Management Instruction
GMS	Geostationary Meteorological Satellite
GMST	Greenwich mean sidereal time
GMT	Greenwich mean time
GMU	George Mason University
GN	ground network
GN&C	Guidance, Navigation, and Control
GN&CS	Guidance, Navigation, and Control Subsystem (AM-1)
GNCC	GN&C Controller
GNMP	Government Network Management Profile Protocol
GNSS	Ground network scheduling system
GOES	Geostationary Operational Environmental Satellite
GOLD	Global on-line directory
GOMOS	Global Ozone Monitoring by Occultation of Stars (ESA)
GOMR	Global Ozone Monitoring Radiometer
GOPS	giga (billions of) operations (10^9) per second
GOS	Geomagnetic Observing System
GOSIP	Government Open Systems Interconnection Profile
GOTS	Government-off-the-shelf
GPA	Government PA
GPCC	Global Precipitation Climatology Centre, Frankfurt, Germany
GPCP	Global Precipitation Climatology Project
GPI	Global Precipitation Index GOES Precipitation Index

GPS	Geophysical Products System Global Positioning System
GQM	goal-question-metric
GRASP	Graphical and Statistical Data Analysis Package
GREM	Geopotential Research Explorer Mission
GRIB	grid in binary
GRID	[UNEP] Global Resource Information Data Base
GRO	Gamma Ray Observatory
GRP	Geophysical Research Program
GS	ground segment [EOS] ground system
GSA	government services agency
GSO	Global Server Object
GS&O	ground systems and operations
GSFC	Goddard Space Flight Center
GSIWG	Ground System Integration Working Group
GSMS	Ground System Management Subsystem (ASTER)
GSOP	Ground System Operations Project
GSS	generic security standard
GTDS	Goddard Trajectory Determination System
GTWAY	Gateway CSCI [for Version 0 interoperability]
GUI	graphical user interface
GV	ground validation data (TRMM)
GWE	Global Weather Experiment

H

H&S	Health and Safety
H/K	housekeeping
H/W	hardware
HAC	Hughes Aircraft Corporation [Now Raytheon Company]

HAIF	HDF ASCII Interchange Format
HAIS	Hughes Applied Information Systems (ECS Team) [Now Raytheon Company]
HALOE	Halogen Occultation Experiment
HAPEX	Hydrological-Atmospheric Pilot Experiment
HCE	hardware configuration engineer
HCV	High Conservation Value
HD	hard drive
HDF	Hierarchical Data Format
HDF-EOS	an EOS proposed standard for a specialized HDF data format
HDLC	high-level data link control
HEG	HDF-EOS to GeoTIF Converter
HGA	high gain antenna (AM-1)
HIMSS	High-Resolution Microwave Spectrometer Sounder (replaced by MIMR)
HIPPI	High Performance Parallel Interface
HIRDLS	High-Resolution Dynamics Limb Sounder
HIRIS	High-Resolution Imaging Spectrometer
HIRS	High-Resolution Infrared Radiation Sounder
HIS	High Resolution Interferometer Sounder
HITC	Hughes Information Technology Company (ECS Team) [Now Raytheon Company]
HLE	high-level event
HLL	high-level language
HM	Hard Media (e.g., tapes)
HMI	Human Machine Interface
HMDP	Hardware Maintenance and Development Plan
HMI	human machine interface
HOL	higher order language
HOM	Hotline Oblique Mercator
HP	Hewlett Packard
HPOV	Hewlett Packard OpenView (COTS product)

HQE	Hardware Quality Engineering
HRDI	High Resolution Doppler Interferometer
HRM	high rate multiplexer
HRPT	High Resolution Picture Transmission (AVHRR)
HRSR	High Resolution Scanning Radiometer (NOAA)
HRTR	high rate tape recorder
HRV	High Restoration Value
HSB	Humidity Sounder for Brazil
HSC	high-speed channel
HSM	hierarchical storage management
HSMT	helical scan magnetic tape (videotape)
HST	Hubble Space Telescope
HTML	hypertext markup language
HTSC	Hughes Technical Services Company (ECS Team) {Now Raytheon Technical Services Company]
HTTP	hypertext transfer protocol
HVAC	High voltage alternating current
HW	hardware
HWCI	HardWare Configuration Item
HWM	high water mark

I

I&AT	Integration and Acceptance Test
I&T	Integration and Test
I&TT	integration and test team
I/F	interface
I/O	input/output
I^2V^2	independent integration, verification, and validation
IA	interagency agreement

IAC	Independent Assurance Contractor
IADL	instrument activity deviation list
IAL	instrument activity list
IALE	individual annual loss expectancy
IAR	Independent Architecture Review Internal Audit Report
IAS	Image Assessment System instrument activity specification Instrument assessment system
IATO	Independent Acceptance Test Organization
IAU	International Astronomical Union
IAW	in accordance with
IBM	International Business Machines
IBP	International Biomed Program
ICAI	interactive computer-aided instruction
ICC	Instrument Control Center (ECS) (ASTER)
ICD	Interface Control Document
ICESat	Ice, Cloud, and Land Elevation Satellite
ICF	instrument control facility (ECS)
ICLHW	Ingest Client HWCI
ICMP	Internet control message protocol
ICN	International Communications Network
ICREST	Institute for the Development of Commercial Remote Sensing Technologies
ICSU	International Council of Scientific Unions
ICWG	Interface Control Working Group International Coordinating Working Group
ID	identification identifier
IDB	instrument database
IDD	instrument description document Interface Definition Document
IDG	Infrastructure Development Group

IDIMS	Interactive Data Integration and Management System
IDL	interface definition language Interactive Data Language
IDM	Interoperability and Data Management
IDR	Internal Design Review Incremental Design Review
IDWR	Idaho Department of Water Resources
IED	infrastructure engineering division
IEEE	Institute of Electrical and Electronics Engineering
IEEE_CS	Institute of Electrical and Electronics Engineering – Computer Science
IEF	inventory exchange format
IEOS	International Earth Observing System
IERS	International Earth Rotation Service
IET	interactive evaluation tool
IETF	Internet Engineering Task Force
IFOV	instantaneous field of view
IFWG	Interface Working Group
IGAC	international global atmospheric chemistry
IGARSS	International Geoscience and Remote Sensing Symposium
IGBP	International Geosphere-Biosphere Program
IGDR	Interim Geophysical Data Record (JPL)
IGMP	Internet group management protocol
IGS	International Ground Station
IGSE	instrument ground support equipment
IH4DS	Image Handling for Decision Support
IHCI	internetworking hardware configuration item
II	interdisciplinary investigator
IIAS	Interactive Image Analysis System (ASF)
IICF	interdisciplinary investigator computing facility
IICS	international interoperability catalog systems
IID	instrument interface document

IIF	Interfaces and InFrastructure
IIR	Instrument Interface Review
IIS	Intelligence and Information Systems
IIWG	Interdisciplinary Investigator Working Group
ILG	Infrastructure Library Group
ILM	Inventory, Logistics, Maintenance System
ILP	integrated logistics plan
ILS	integrated logistics support
ILSMT	ILS management team
ILSO	ILS Office
ILSP	ILS plan
ILSPM	ILS Program Manager
ILSS	ILS system
IMS	Information Management System (ECS element name) information management service
IMSL	International Mathematical and Statistical Libraries
INCI	Internetworking CSCI
INFO	Information
INGST	Ingest CSCI
INHCI	Internetworking HWCI
INN	InterNet News
Inode	index node
INORAC	Inquiry, Order, and Accounting System (EDC)
INS	Ingest Subsystem
Intelsat	International Telecommunications Satellite
INTREPID	Interagency Research Partnership for Infectious Diseases
IOC	inception of contract Initial Operational Capability Intergovernmental Oceanographic Commission
IOS	InterOperability Subsystem inventory and order system (JPL)

IOSDL	Institute of Oceanographic Sciences Deacon Laboratory
IOT	Instrument Operations Team
IP	installation plan international partner Internet protocol
IP-ICC	International Partners-Instrument Control Center
IPA	inter-project agreement
IPC	instrument processing center
IPCC	Intergovernmental Panel on Climate Change
IPD	Integrated Product Development (Raytheon Process)
IPDP	Integrated Product Development Process (Raytheon Process)
IPDS	Integrated Product Development System (Raytheon Process)
IPEA	Internet protocol encapsulated addressing
IPEI	Ionospheric Plasma and Electrodynamics Instrument
IPF	international partner facility
IPGS	international partner ground system
IPI	international partner interface
IPICC	International Partners-Instrument Control Center
IPMOC	International Partners-Mission Operations Center
IPng	Internet protocol, next generation
IPO	Industrial Property Office
IPOC	International Partner Operations Center
IPOMS	International Polar Orbiting Meteorological Satellite Committee
IPPD	Integrated Product Process Development (Raytheon Process)
IPT	Integrated Product Team
IQ	Intelligent Query and IQ Access
Ir1	interim release 1 (use Ir-1 for EDHS search)
IR	infrared interim release
IR&D	independent research and development
IRAD	independent research and development

IR-RAD	infrared radiometer
IRD	Interface Requirements Document
IRIS	Italian Research Interim Stage
IRM	information resources management
IRP	instrument resource profile
IRR	Integrated Requirements Review Incremental Release Review
IRS	Information Retrieval Service (ESA) interface requirements specification
IS-IS	intermediate system to intermediate system
ISAMS	Improved Stratospheric and Mesospheric Sounder
ISAR	instrument support activity request
ISAS	Institute of Space and Astronautical Science (Japan)
ISCCP	International Satellite Cloud Climatology Project
ISDN	integrated services digital network
ISI	inter-disciplinary science investigation
ISIPS	ICESat Science Investigator-Led Processing System
ISLE	individual single loss expectancy
ISLSCP	International Satellite Land Surface Climatology Project
ISO	International Standards Organization
ISOLAN	isolated local area network
ISP	integrated support plan
isql	interactive SQL
ISS	Internetworking SubSystem
IST	Instrument Support Toolkit instrument support terminal (ECS)
ISTP	International Solar and Terrestrial Physics
ISY	International Space Year (1992)
IT	Instrument Team Information Technology
ITIR	Intermediate Thermal Infrared Radiometer

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ITO	independent test organization
ITS	Intelligent Terminal Segment (NCC) Information Technology Systems
ITV	integration, test, and verification
IUS	Informix Universal Server
IV&V	Independent Verification and Validation
IWG	Investigator Working Group
IWGDMGC	Interagency Working Group on Data Management for Global Change

J

J2000	Mean Celestial Reference Frame at JD 2451545.0 TDT (2451545.0 is noon, not midnight, and is equivalent to 2000-01-01T11:58:55.816 UTC)
JAROS	Japan Resources Observation System [Organization]
JD	Julian Date (days from noon, 4713 BC)
JD (in TDT)	JD (in UTC) plus cumulative leap seconds plus 32.184 seconds
JDT	Java Data Acquisition Request Tool (Java DAR Tool)
JEOC	Japanese Earth Observing Center
JEOS	Japanese Earth Observing System
JERS	Japanese Earth Remote-Sensing Satellite
JESS	Java Earth Science Server
JEST	Java Earth Science Tool
JGOFS	Joint Global Ocean Flux Study
JICC	Japanese Instrument Control Center
JIL	Job Information Language
JM	Job Management
JMA	Japan Meteorological Agency
JNC	jet navigational charts
JODC	Japan Ocean Data Center
JPL	Jet Propulsion Laboratory (DAAC)
JPOP	Japanese Polar Orbiting Platform

K

KB   kilobyte (10^3)

Kb   kilobit (10^3)

KBps   kilobytes per second

Kbps   kilobits per second

Kerberos   security protocol developed by MIT; base for DCE security

KFTP   Kerberos File Transfer Protocol

KLOC   kilolines (10^3) of code

Km   kilometer

KM   key mechanism

KSA   Ku-band single access

KSLOC   thousand source lines of code

Ktelnet   Kerberized telnet

L

L-3   L-3 Communications, Inc. (EMD Raytheon Subcontractor)

L-7   Landsat-7 (Landsat-7 for EDHS search)

L0   Level 0 (zero) data

L0-L4   Level 0 through Level 4 data (use Level-0 through Level-4 for EDHS search)

L70R   Landsat-7 LO data

L0R   Landsat Reformatted Data

LAC   Local Area Coverage (AVHRR)

LAGEOS   Laser Geodynamics Satellite

LAI   Leaf area index

LAMS   Landsat 7 Archive Management System

LAN   Local Area Network

LANDSAT   LAND Remote-Sensing SATellite

LaRC   Langley Research Center (DAAC)

LAS	Land Analysis System
LASA	Laser Atmospheric Sounder and Altimeter
LASER	light amplification by stimulated emission of radiation
LASP	Laboratory for Atmospheres and Space Physics (University of Colorado)
LaTIS	LaRC TRMM Information System
LAWS	Laser Atmospheric Wind Sounder
LCC	life cycle cost
LCU	Library Control Unit
LDAS	local data access system
LDAP	Lightweight Directory Access Protocol
LDOS	Landsat Data and Operations System
LFC	large format camera
LFP	Landover Facility Procedures
LFS	local file system
LGA	low gain antenna
LGID	local or logical granule ID
LGN	Landsat Ground Network
LIBI/O	library input/output
Liblk	Library Link
LIDAR	Light detection and ranging instrument
LIM	Local Information Manager (SDPS)
LIMGR	Local Information Manager (CSCI)
LIMS	Limb Infrared Monitor of the Stratosphere local information manager
LINPAC	Linpack (Linear Algebra Package)
LIS	Lightning Imaging Sensor
LISP	LISt Processing (computer programming language)
LLBOX	Latitude and Longitude Box, a spatial datatype for a "box" geometry
LLC	logical link control
LLR	Lessons Learned Review

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LM	Lockheed Martin (subcontractor to Raytheon)
LMC	Local Maintenance Coordinator
LMS	logistics management support
LOC	lines of code
LOC/mm	lines of code per man month
LOE	level of effort
LOGSWG	Landsat Operations Ground Segment Working Group
Loral	Loral Aerosys (ECS Team) [Now Lockheed Martin]
LOS	line of sight loss of signal
LP	Land Processes (LP DAAC at EDC) (aka: EDC, Eros Data Center, L-DAAC, Sioux Falls)
LPDS	Level 1 Product Distribution System
LPGS	Landsat 7 Level-1 Product Generation System
LPS	Landsat 7 Processing System
LRR	Lessons Learned Review
LRU	line replaceable unit logical replacement unit
LS	LandSat
LSA	logistics support analysis
LSM	local system management (ECS) local system manager library storage module
LSO	logistics support office
LSRR	location server/request router
LST	Land Surface Temperature
LTIP	long-term instrument plan
LTM	Log transfer managers
LTOP	long-term operating plan
LTSP	long-term science plan
LUT	Look Up Table
LW	long wave

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LWIR	long-wave infra-red
LWM	low water mark
LZ77	Lampel-Ziv coding
LZP	level zero processing
LZPF	Level Zero Processing Facility
LZW	Lempel-Ziv-Welch compression algorithm

M

M	Million, mega (prefix)
M&O	Maintenance and Operations
M-PDU	multiplexed protocol data unit
M_POP	metadata population
MA	multiple access
MAC	medium access control message authentication code
MACI	Management Agents CSCI
MAIA	Mid-Atlantic Integrated Assessment Program
MAN	metropolitan area network
MARC	machine readable cataloging
MAS	Millimeter-wave Atmospheric Sounder
MASEX	Mass Air Sea Transfer Experiment
MAW	minor assist work
MB	megabyte (10^6)
Mb	megabit (10^6)
MBps	megabytes per second
Mbps	mega bits per second
MBPS/Mbps	millions of bits per second
Mbps/MBps	megabits/megabytes per second
Mbyte	megabytes

MCF	Metadata Configuration File
	Metadata Control File
MCI	Management Software CSCI
McIDAS	Man-Computer Interactive Data Access System
MCMR	Monthly Contractor Manpower Reporting
MD	master directory
MDA	Management Data Access CSC (removed by MSS lite fixes in Drop 4PY)
MDC	Missouri Department of Conservation
MDCS	Maintenance Data Collection System
MDNR	Missouri Department of Natural Resources
MDT	mean downtime
MDU	missing data unit
MDUE	missing data unit entry
MDUL	missing data unit list
MD5	A message-digest algorithm developed by RSA Data Security, Inc. It is meant for digital signature applications where a large message has to be "compressed" in a secure manner before being signed with the private key.
	An encryption algorithm used with Kerberos and DCE
Med	medium
MEM	memory management
MERIS	Medium-Resolution Imaging Spectrometer (ESA)
MET	metadata
Metadata	data about data
METEOSAT	Geosynchronous Meteorology Satellite (ESA)
METRIC	Mapping EvapoTranspiration with High Resolution and Internal Calibration
METSOAT	European Weather Satellite
MFD	Master File Directory
MFLOP	Million Floating-point Operations per second
MFLOPS	mega (millions of) floating-point operations (10^6) per second
MFR	Manufacturer
MGET	Multiple Get

mgmt	management
MGR	Manager
MHWCI	(System) Management (Subsystem) HWCI
MHS	Microwave Humidity Sounder
MHz	megahertz
MI	master index MISER Machines Impacted
MIB	management information base
MIL	military
MIL-HDBK	military handbook
MIL-STD	military standard
MIMD	multiple instructions, multiple data
MIME	multipurpose internet mail extension
MIMR	Multifrequency Imaging Microwave Radiometer
min	minute
MIPAS	Michelson Interferometric Passive AtmosphericSounding (ESA)
MIPS	mega (millions of) instructions (10^6) per second
MIS	management information system
MISR	Multi-Angle Imaging SpectroRadiometer
MITI	Ministry of International Trade and Industry (Japan)
MIZEX	Marginal Ice Zone Experiment
MLCI	Management Logistics CSCI
MLM	mid-level manager
MLS	Microwave Limb Sounder
mm	millimeter mode management
MMI	man-machine interface
MMM	minimum, maximum, and mean
MMO	Mission Management Office
MMS	Mode Management Service

MO&DSD	Mission Operations and Data Systems Directorate (GSFC Code 500)
MOA	memorandum of agreement
MOC	Mission Operations Center
MOCD	magneto-optics compact disk (write many CD) mission operations concept document
MODAPS	MODIS Data Processing System
MODIS	Moderate Resolution Imaging SpectroRadiometer
MODIS-N	Moderate Resolution Imaging Spectrometer-Nadir
MODIS-T	Moderate Resolution Imaging Spectrometer-Tilt
MODNET	MO&DSD Operational Development Network
MOJO	Message Oriented middleware of JEST (JDT) Objects
MOM	Mission Operations Manager
MOP	mission operations plan
MOPITT	Measurements Of Pollution In The Troposphere
MOPS	mega (millions of) operations (10^6) per second
MOR	Mission Operations Review
MoRAP	Missouri Resource Assessment Partnership
MOS-1a,b	Marine Observation Satellite (Japan)
MOSS	Mission Operations Science Simulation (Test)
MOU	memorandum of understanding
MOWG	Mission Operations Working Group
MP	message passing MOPITT
MPM	Micro-Frame Program Manager (produces financial reports)
MPP	massively parallel processor monthly patch plan
MPR	Monthly Progress Review Monthly Progress Report
MPS	Mission Planning System (ASF DAAC) mission planning system
MPU	Metadata Populating Utility (LaRC DAAC)

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MR	malfunction report
	Microwave Radiometer
	modification requests
MRB	Modification Review Board
MRDB	mission requirement database
MRF	medium range forecast
MRO	Maintenance, Repair, and Operating Supplies
MRIR	Medium Resolution Infrared Radiometer (Nimbus)
MRS	maintenance reporting system
	malfunction/failure reports
MS	Mass Storage
	Microsoft
MSCD	Mirror Scan Correction Data (file)
MSDIS	Missouri Spatial Data Information Service
msec	millisecond
MSFC	Marshall Space Flight Center (discontinued ECS DAAC)
MSR	management status report [Flights Projects Directorate]
	Monthly Status Report
MSRM	mass storage reference model
MSS	System Management Subsystem
	multi-spectral scanner
MSSU	Message Switching System Upgrade (Nascom)
MST	MODIS Science Team
MSU	mass storage unit
	Microwave Sounding Unit
MTA	message transfer agent
	an LPS metadata file
MTBCM	mean time between corrective maintenance
MTBF	mean time between failure
MTBM	mean time between maintenance
MTBPM	mean time between preventive maintenance
MTL	message transfer layer
MTMGW	machine-to-machine gateway server

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MTOOL	Maintenance Tool (DMS)
MTP	Distribution Product, Metadata file extension (.MTP)
MTPE	Mission to Planet Earth
MTTR	mean time to repair
MTTRes	mean time to restore
MUA	Mail User Agent
MUI	management user interface
MUX	multiplexer
MVS	multiple virtual system
MWO	Maintenance Work Order

N

N-ROSS	Navy Remote Ocean Sensing System
N/A	not applicable
NA	network administrator
NACSIM	National Communications Security Instruction Memorandum
NAPP	National Aerial Photography Program
NARA	National Archives and Records Administration
NAS	National Academy of Sciences
NASA	National Aeronautics and Space Administration
Nascom	NASA Communications
NASDA	National Space Development Agency (Japan)
NATO ASI	North Atlantic Treaty Organization Advanced Study Institutes
nav	navigation
NBS	National Bureau of Standards
NBSRV	Spatial Subscription Server
NCAR	National Center for Atmospheric Research
NCC	Network Control Center (GSFC) network communication center

NCCDS	NCC Data System
NCDC	National Climatic Data Center [NOAA]
NCDS	NASA Climate Data System
NCEP	National Centers for Environmental Prediction
NCF	NSSDC Computer Facility
NCGIA	National Center for Information and Analysis
NCIS	Nadir Climatic Interferometer/Spectrometer
NCR	Non-conformance report
NCS	Network Computing System Netscape Commerce Server
NCSA	National Center for Super-computer Applications
NCSA	National Computer Security Association
NCSL	National Computer Systems Laboratory
NCSNET	Nascom custom subnetwork
NDBC	National Data Buoy Center
NDP	numerical data package
NDVI	Normalized Difference Vegetation Index
NEC	North Equator Crossing
NEDRES	National Environmental Data Referral System
NEMS	NASA Equipment Management System
NERC	National Environmental Research Center
NESDD	NOAA Earth Science Data Directory
NESDIS	National Environmental Satellite, Data, and Information Service (NOAA)
netCDF	network Common Data Format
Netscape	Browser-Netscape Communicator Mail component for email transfers
NewDISS	New Data and Information Systems and Service
NEWS	NOAA's Earth Watch Service
NEXRAD	next generation radar
NFS	network file system
NGDC	National Geophysical Data Center [NOAA]

NGT	NASA ground terminal
NHAP	national high altitude photography
NHB	NASA handbook
NHC	National Hurricane Center
NIC	network interface card
NIES	National Institute of Environmental Science (Japan)
NIH	National Institute of Health
NII	National Information Infrastructure
NIIT	National Information Infrastructure Testbed
NIPR	National Institute for Polar Research (Japan)
NIS	Network Information Service
NISDDT	Nascom Interface Standards for Digital Data Transmission
NISN	NASA Internet Science Network (replaces NSI)
NISS	NASA Institutional Support System
NIST	National Institute of Standards and Technology
NIU	network interface unit
NLCD	National Land Cover Database
NLDN	National Lightning Detection Network
NM	Name Server Subsystem
NMC	National Meteorological Center (NOAA) network management center
NMCC	Nascom Management Control Center
NMD	NASA Master Directory
NMF	network management facility
NMF	network management forum
NMI	NASA management instruction
NMOS	Network and Mission Operations Support (NASA program)
NMS	network management subsystem (Ecom) network management system (Ebnet)
NNM	Network Node Manager
NNTP	Network News Transfer Protocol

NOAA	National Oceanic and Atmospheric Administration
NOARL	Naval Oceanographic and Atmospheric Research Lab
NOCC	Network Operations Control Center (DSN)
NODC	National Oceanographic Data Center [NOAA]
NODS	NASA Ocean Data System (JPL)
NOLAN	Nascom Operational Local Area Network
NOR	notice of revision
NOSE	Nominal Orbit Spatial Extent
NOSIE	NODC Ocean Science Information Exchange
NPG	NASA Procedures and Guideline
NPP	Net Primary Productivity
NPRD	nonelectronic parts reliability data
NPS	National Park Service
NPSNET	Nascom packet switched subnetwork
NQA	National Quality Assurance
NQS	(Network) Queing System
NRC	National Research Council
NRCA	nonconformance reporting and corrective action
NRCS	Natural Resources Conservation Service
NRDN	NOAA Radar Data Network
NREN	National Research and Education Network
NRL	Naval Research Laboratory
NRM	Natural Resource Management
NRN	national research network
NRP	national resource protection
NRSC	National Remote Sensing Centre (UK)
NRT	near real time (data)
NSA	National Security Agency
NSCAT	NASA Scatterometer
NSDD	National Security Decision Directives

NSDI	National Spatial Data Infrastructure
NSF	National Science Foundation
NSFNet	NSF Network
NSGIC	National and States Geographic Information Council
NSGW	Nascom Service Gateway
NSI	NASA Science Internet
NSIDC	National Snow and Ice Data Center (DAAC) (aka: NSIDC, Boulder, University of Colorado)
NSSDC	National Space Science Data Center
NSN	NASA Space Network
NSP	NASA Support Plan
NSSDC	National Space Science Data Center
NSTR	NASA Standard Tape Recorder
NTIC	National Technical Information Center
NTISS	national telecommunications and information systems security (policy)
NTP	network transport protocol
NTTF	NASA Test and Training Facility
NUWIG	NCC User Working Interface Group
NWCI	networking configuration item
NWGISS	NASA HDF-EOS Web GIS Software Suite
NWP	numerical weather prediction
NWS	National Weather Service (NOAA)

O

O&M	operations and maintenance
O/A	orbit/altitude orbit and attitude
OASIS	Operations and Science Instrument Support
OASM	operational analysis support model
OBC	on-board computer

OBS	organizational breakdown structure
OC	operational capability
OCC	operations control center
OCD	operations concept document
OCG	Ocean Catalog Group (NASA)
OCM	ocean color mission
OCR	optical character recognition
OCT	ocean color and temperature
OCTS	Ocean Color and Temperature Scanner
OD	On-Demand
ODB	operational database
ODC	Other Data Center
ODFRM	On-Demand Product Request Form
ODL	Object Description Language
ODMS	object data management system
ODP	open distributed processing
ODPR	On-Demand Production Request
ODPRM	On-Demand Production Request Manager (PLS)
OEA	OGC-ECHO Adaptor
OEC	operations engineering center
OEM	original equipment manufacturer
OES	object encapsulation software
OGC	Open GIS Consortium
OGCM	ocean general circulation model
OI	Operator Interface
OIP	operations interface procedure
OJT	on-the-job training
OLAP	on-line analytical processing
OLS	optical line scanner
OLTP	on-line transaction processing

OM	Order Manager
OMA	object management architecture
OMB	Office of Management and Budget (U.S. Government)
OMF	object management framework
OMG	object management group
OMI	Ozone Monitoring Instrument
OMS	Order Manager Subsystem
OMSRV	Order Manager Server
OMGUI	Order Manager Graphical User Interface
OMT	Object Modeling Technique
ONR	Office of Naval Research
OO	object oriented
OOA	object oriented analysis
OOD	object oriented design
OODBMS	object oriented database management system
OODCE	object oriented distributed computing environment
OORDB	object oriented relational database
OPAC	on-line payment and collection
OPER	Operator
OpLAN	operational local area network
OPPM	outside the principal period of maintenance
OPS CON	operations concept
OPS	on-board payload support operations Operations Supervisor Operator
Ops Super	Operations Supervisor
ORB	object request broker
ORDBMS	object rational database management system
ORNL	Oak Ridge National Laboratory (DAAC)
ORPA	Operations Readiness & Performance Assurance

ORR	Operations Readiness Review
OS	object services operating system
OS^2	operating system 2 (IBM product)
OSDPD	Office of Space Data Processing and Distribution (also NESDIS/OSDPD)
OSF	Open Software Foundation
OSHA	Occupational Health and Safety Administration
OSI	Open Systems Interconnection
OSI-RM	OSI reference model
OSM	open storage manager
OSO	Office of Space Operations
OSPF	open shortest path first (routing protocol)
OSS	Office of Space Station operational software support
OSSA	Office of Space Science and Applications
OTS	off the shelf
OTTER	Oregon Transect Ecosystem Research
OV	OpenView (an Hewlett Packard product)
OVW	OpenView for windows
OWS	OpenGIS Web Services

P

P&S	planning and scheduling
P/B	playback
P/L	payload
P/S	planning/scheduling
PA	payload accommodations performance assurance product assurance
PAC	privilege attribute certificate

Pacor	packet processor
PACS	Polar Acquisition and Command System
PAF	Processing and Archiving Facility (ESA)
PAIP	performance assurance implementation plan
PAL	Process Assets Library
PAM	permanent archive manager
PAMM	permanent archive and media management
PAN	Production Acceptance Notification
PAR	performance assurance requirements
PARC	public access resource center
PAS	planning and scheduling platform analysis system
PAT	Process Action Team
PB	petabyte (10^{15})
PBI	person based interface (non automated)
PBL	product baseline
PC	personal computer performance constraints (in tickets) process control
PCA	program control analyst physical configuration audit
PCAR	platform core activity request
PCARSS	Plant Clearance Automated Reutilization Screening System
PCD	Payload correction data (file)
PCF	process control file
PCFG	process configuration file
PCI	peripheral component interface product configuration identification
PCL	planning class libraries
PCM	Physical Configuration Management (COTS product removed from MSS)
PCO	Plant Clearance Office

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PCON	proof of concept
PDAS	predicted data availability schedules
PDB	project database
PDC	Pacific Disaster Center
PDF	Publisher's Display Format
pdf	Portable Document Format
PDL	program design language
PDMP	program data management plan project data management plan
PDO	Property Disposal Office
PDP	program development plan
PDPS	Planning and Data Processing Subsystems
PDR	Preliminary Design Review Product Delivery Record
PDR-A	Preliminary Design Review Release-A
PDRD	Product Delivery Record Discrepancy
PDS	planetary data system platform data system production data set production data specialist Product Distribution System (from EDC integrated into ECS) physical media distribution system
PDSIS	Product Distribution System Input Server
PDSJM	PDS Job Monitor
PDSMI	PDS Maintenance Interface
PDSOI	PDS Operator Interface
PDSSA	Product Distribution System Stand Alone
PDU	protocol data unit
PDW	preliminary design walk-through
PEB	Performance Evaluation Board
PECAD	Production Estimates and Crop Assessment Division
Perl	a UNIX Programming Language

PERSIANN	Precipitation Estimation from Remotely Sensed Information using Artificial Neural Networks
PETS	performance evaluation and test system
PeV	parameter equals value
PF	Process Framework
PFC	Prohibited Function Checker
PGE	Product Generation Executable
PGGA	Permanent GPS Geodetic Array
PGS	Product Generation Service Product Generation System (ASTER) Product Generation System (ECS element name)
PGSTK	Product Generation System Toolkit (obsolete name, replaced by SDPTK)
PH	Production History Product History
PHS&T	packaging, handling, storage and transportation
PI	principal investigator primary investigator project instruction
PI/TL	principal investigator/team leader
PICF	Principal Investigator Computing Facility
PICS	procurement and inventory control system
PID	parameter identification prototype international directory planning input document
PIN	password identification number
PIO	policy implementation office
PIP	project implementation plan
PIPOR	Programme of International Polar Oceans Research
PISP	Polar Ice Sheet Program
PIT	product integration team
PK	Primary Key
PLANG	Production PLANning CSCI
PLDS	Pilot Land Data System

	Pilot Land Development System
PLNHW	Planning HWCI
PLS	Planning Subsystem
PM	afternoon (post meridiem) EOS Afternoon Equator Crossing Mission -- see EOS PM preventive maintenance program manager project manager procurement management program management
PMA	Performance Management Application
PMAS	performance management application service
PMB	performance measurement baseline
PMIS	project management information system
PMO	Project Management Office
PMP	project management plan procurement management plan
PMPDR	Physical Media Product Delivery Record
PMR	Program Management Review
PMRD	preliminary mission requirements document
PMS	performance measurement system platform management system
PMSR	performance measurement status report
PMSWG	Platform Management System Working Group
PMT	Program Management Team
PNW	Pacific North West
PNWRC	Pacific North West Regional Collaboratory
PO	program/product order project office purchase order
POC	point of contact
POCC	Payload Operations Control Center
POD	Project Operations Director

PoDAG	Polar DAAC Advisory Group
PODB	product order database
POEM	Polar-Orbit Earth Observation Mission
POLDER	POLarization and Directionality of Earth's Reflectances
POP	Polar-Orbiting Platform
POSIX	Portable Operating System Interface for Computer Environments
PPDS	Planning and Processing Data Server Planning, Processing and Science Data Server
PPM	principal period of maintenance
ppm	pixels per minute
PPP	point-to-point protocol
PPRR	Preliminary Program Requirements Review
PQT	Preliminary Qualification Testing
PR	Precipitation Radar (TRMM) Production Request
PRAREE	Precise Range and Range Rate Equipment -- Extended (ESA)
PRB	Problem Review Board
PRD	program requirements document
PRE	Production Request Editor
PRF	pulse repetition frequency
PRONG	(Data) PROcessiNG (Subsystem) CSCI
PROPS	Propulsion Subsystem (AM-1)
PRR	Preliminary Requirements Review Program Requirements Review
PRS	preliminary resource schedule preliminary replication server
PS	Project Scientist
PS	PostScript
PSA	Product specific attributes
PSAT	predicted site acquisition table
PSCN	Program Support Communications Network

PSDN	Packet Switched Data Network
PSDR	Preliminary System Design Review
PSR	Program Status Review Pre-Ship Review
PSU	Pennsylvania State University
PT	point
PTTS	platform test and training system
PVC	permanent virtual circuit performance verification center
PVL	parameter value language
PVP	performance verification plan
PVT	performance verification test
PWA	project work authorization
PWB	Planning WorkBench

Q

Q/L	quick look (same as ECS expedited data)
QA	quality assurance quality assessment
QAC	quality and accounting capsule
QAE	quality assurance executive quality assurance engineer
QAM	quality assurance monitor
QAMUT	Quality Assurance Metadata Update Tool (OSS)
QAR	Quality Assurance Representative quality action request
QC	quality control
QDS	quick look data set (Same as expedited Data Set)
QFD	Quality Function Department
QLBB	Quick-Look Bulletin Board (JPL)
QMS	Quality Management System

QO	Quality Office
QPI	Quality Program Indicator
QRU	Query/Retrieve/Update
QSMR	Quality System Management Review

R

R	Resource
R6σ	Raytheon Six Sigma
R&M	reliability and maintainability
R/B	rate buffered
R/L	return link
R/T	real time
R/W	read/write
R1	Release 1
RA	Radar Altimeter
RA-2	Advanced Radar Altimeter (ESA)
RAB	Registrar Accredited Board
RACF	remote access control facility
RADARSAT	Radar Satellite (Canada)
RAE	Royal Aerospace Establishment (UK)
RAID	redundant array of inexpensive disks
RAL	Rutherford Appleton Laboratory (UK)
RAM	random access memory
RARP	reverse address resolution protocol
RASOT	Release A Search and Order Tool
RATS	RAID array tape system
RBR	Requirements By Release
RC	Risk Coordinator
RCC	Release Critical Contingency Iteration

RCL	resource class libraries
	replication command language
RCP	remote copy
RCS	request communications support
RDA	remote database access
RDBMS	Relational DataBase Management System
RDR	Release Design Review
RDW	Request for Deviation/Waiver
RE	responsible engineer
REC	request for engineering change
REGIST	Registry
REL	release
REQ	Request
Req't	requirement
RESACS	Regional Earth Science Information Centers
RESPLAN	Resource Planning
RESTEC	Remote Sensing Technology Center of Japan
ReVA	Regional Vulnerability Assessment
REYNSST	NCEP Reynolds Blended SST Weekly Product
RF	radio frequency
RFA	remote file access
RFC	request for comments
	request for change
RFI	request for information
RFP	request for proposal
RFQ	request for quotation
RFS	request for specification
RFSOC	Radio Frequency Simulation Operations Center
RFT	request for technology
RFU	ready for use
RGS	Receiving Ground Station (ASF)

RI	Responsible Individual
RICC	remote instrument control center
RID	review item discrepancy
RIO	reference identifier object
RIP	routing information protocol
RIR	Release Initiation Review
RIS24	24 Bit Raster Image Set
RIS8	8 Bit Raster Image Set
RIT	real-time integrated testbed
RMA	reliability, maintainability, availability return material authorization
RMM	risk mitigation model
RMON	remote monitor (SNMP)
RMP	risk management panel risk management plan
RMS	resource management software Resource management subsystem request management services
ROC	Read Only Cache
ROI	return on investment
ROM	read only memory rough order of magnitude (cost estimate)
ROSE	Request Oriented Scheduling Engine
RPC	remote procedure call remote processing computer
RPCID	remote procedure call identifier
RRDB	recommended requirements database
RRR	Release Readiness Review
RRS	Replicate Replication Server
RS	Replication Server
RS/GIS	Remote Sensing/Geographic Information System

RSA	Russian Space Agency
	Replication System Administration
	Replication System Administrator
RSC	Raytheon Systems Company
RSI	Replication Server Interfaces
RSM	Replication Server Manager
RSR	Release Specification Review
	Release Status Review
RSSD	Replication Server System Database
RST	remote science terminal
	research search tool
RT	real-time
	remote terminal
RTC	relative time commands
RTCS	relative time command sequence
RTF	rich text format
RTM	Requirements and Traceability Management tool (a COTS product)
RTS	real-time subsystem
	real-time server
	relative time sequence
RTSC	Raytheon Technical Services Company
RTU	Rights to use
RWIC	Regional Weather Information Center

S

S4P	Simple Scalable Script-based Science Processor
S4PM	Simple Scalable Script-based Science Processor for Missions
S&E	scheduling and execution
S/C	spacecraft
S/W	software
S/WCI	software configuration item

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S2000	Sequoia 2000 project
SA	single access system administrator SAGE III
SAA	Satellite Active Archives (NOAA)
SAB	Science Advisory Board
SAFIRE	Spectroscopy of the Atmosphere using Far Infrared Emission
SAGE III	Stratospheric Aerosols and Gas Experiment III
SAM	storage/archive management System Assurance Manager
SAMS	Stratospheric Aerosol Measurement Sounder
SAN	Storage Area Network
SAP	service access protocol software assurance plan
SAR	schedule add requests Synthetic Aperture Radar (Alaska Facility Site)
SAS	Service Accounting Segment (NCC) statistical analysis system single attached station
SASS	Seasat A Scatterometer System
SATAN	Security Administrator Tool for Analyzing Networks
SAVI	Soil Adjusted Vegetation Index
SB/SDB	small business/small disadvantaged business
SBA	Small Business Administration (U.S. Government)
SBSRV	Subscription Server
SBUV	Solar Backscatter Ultraviolet
SBUV/2	Solar Backscatter Ultraviolet/version 2
SC-IGBP	Scientific Committee for the IGBP
SCA	Subcontractor Administrator
SCANSAT	Advanced Scatterometer (Dual pencil-beam) for Studies in Meteorology and Oceanography
SCAR	spacecraft core activity request
SCARAB	Scanner for the Radiation Budget

SCC	spacecraft control computer
SCCS	source code control system
SCDO	Science and Communications Development Office (Now ECS Science Development Organization)
SCDV	science and development
SCE	software configuration engineer
SCF	science computing facility
SCG	Space Communication Group
SCIAMACHY	Scanning Imaging Absorption Spectrometer for Atmospheric Cartography
SCID	Space Craft ID
SCIL	software critical items list
SCL	scheduling class libraries spacecraft command language
SCLI	SDSRV Command Line Interface
SCM	software configuration management supply chain management
SCMP	software configuration management plan
SCN	specification change notice
SCOR	Scientific Committee for Oceanographic Research
SCP	Supply Chain Procedures
SCR	Segment Completion Review
SCS	Spacecraft Checkout Station (AM-1)
SCSI	Small Computer System Interface
SDB	spacecraft database
SDCS	SAR Data Catalog System
SDD	software design documents
SDE	software development environment Science Data Engineering (ECS Science Office)
SDF	software development facility software development folder
SDL	software development library
SDOC	Science Data Operations Center

SDP	science data plan
	software development plan
	Science Data Processing
SDPF	Sensor Data Processing Facility (GSFC)
SDPS	Science Data Processing Segment (ECS)
SDPS/W	science data processing software
SDPTK	Science Data Processing Toolkit
	SDP Toolkit CSCI
SDR	Sensor Data Record (JPL)
	System Design Review
SDRD	subcontract data requirements document
SDRL	subcontract data requirements list
SDS	science data standards
	system design specification
SDSD	Satellite Data Services Division (NOAA)
SDSRV	Science Data SeRVer CSCI
SDT	segment design teams
SDTS	spatial data transfer standard
SDU	service data unit
SDVF	software development and validation facility
SE	system engineering
	system engineer
SE&I	system engineering and integration
SEAS	Systems, Engineering, and Analysis Support (GSFC contract)
Seasat	Sea Satellite
SeaWiFS	Sea-Viewing Wide Field-of-View Sensor
SEB	Source Evaluation Board
SEBAL	Surface Energy Balance Algorithm for Land
SEC	Science Executive Committee
	south equator crossing
	seconds
SED	Systems Engineering Department (ECS)
SEDAC	Socio-Economic Data and Applications Center (CIESIN)

SEER	system evaluation and estimate of resources
SEF	Sustaining Engineering Facility (EDOS)
SEI	Software Engineering Institute (Carnegie Mellon Univ. in Pittsburgh, PA.)
SEIT	Systems Engineering and Integration Team
SEI&T	system engineering, integration, and test
SEIO	Systems Engineering and Integration Office
SEL	Software Estimation Lead
SEM	system element management
SEO	sustaining engineering organization
SEP	systems engineering plan system enhancement proposal
SEPG	Software Engineering Process Group
SES	Scheduling and Execution Subsystem
SFDU	standard formatted data unit
SFE	Science Formatting Equipment (AM-1)
SGI	Silicon Graphics, Inc.
SGML	standard generalized markup language
SGT	Stinger Ghaffarian Technology, Inc.
SI	systeme international
SI&P	system integration and planning
SI&PO	System Integration and Planning Office
SI&T	system integration and test
SI&TO	System Integration and Test Organization
SIFP	system implementation and facility plan
SIG	special interest group
SIM	Spectral Irradiance Monitor
SIMD	single instruction, multiple data
SIO	System Integration Organization
SIP	system implementation plan
SIPO	Systems Integration and Planning Office

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SIPS	Science Investigator-Led Processing Systems
SIR	Spaceborne Imaging Radar
SIR-B	Shuttle Imaging Radar-B
SIR-C	Spaceborne Imaging Radar-C
SIRD	support instrumentation requirements document System Interface Requirements Document
SIRR	Site Integration Readiness Review System Integration Readiness Review
SIT	System Integration and Test
SITP	system integration test plan
SLA	site license agreement software license administrator
SLAP	space link access protocol
SLAR	Side Looking Airborne Radar
SLD	second level destination
SLE	single loss expectancy
SLOC	source lines of code
SLR	Satellite Laser Ranging
SLS	second level source
SM	subcontract manager
SMA	S-band multiple access
SMAP	Software Management and Assurance Program
SMC	System Management Center System Monitoring and Coordination Center
SMCI	system management configuration item
SMDP	Software Maintenance and Development Plan
SME	subject-matter expert
SMF	status message file system management function status message facility
SMM	Solar Maximum Mission
SMMR	Scanning Multichannel Microwave Radiometer

SMO	subcontract management office system management office (old term for ECS Systems Engineering Department)
SMP	shared memory processors software management plan symmetric multi-processor security management plan
SMPMD	Storage Management Pull Monitor Database
SMPT	Subcontract Management and Procurement Teams
SMR	System Management Review
SMS	Structures and Mechanisms Subsystem (AM-1)
SMSB	System Management Status Briefing
SMTP	Simple Mail Transport Protocol
SMUX	Simple Network Management Protocol Multiplexing
SN	space network
SNC	space network control
SNCC	Space Network Control Center
SNDCP	subnetwork dependent convergence protocol
SNICP	subnetwork independent convergence protocol
SNMP	simple network management protocol
SOC	simulated operations center
SOCC	Science Operations Control Center
SOFT	Software Operations Focus Team
SOI	Software Operating Instructions
SOLSTICE	Solar Stellar Irradiance Comparison Experiment
SOM	system operations manager science operations manager space oblique mercator
SOP	system operations plan
SOR	System Operations Review
SORCE	Solar Radiation and Climate Experiment
SORD	system and operations requirements document
SORR	Segment Operational Readiness Review

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SOW	statement of work
SP	service protocol scenario primitive space pool
SPAN	Space Physics Analysis Network
SPAR	Software performance assurance representative
SPARC	single processor architecture
SPCS	State Plane Coordinates Spheroid
SPIE	Society for Photoelectric Instrument Engineers
SPIN	Scheduling and Planning Information Network
SPN	shared processing network
SPOC	Science Planning and Operations Center
SPOT	Systeme pour l'Observation de la Terre (France)
SPR	software problem report Subcontractor Progress Review
SPRHW	Science Processing Hardware Configuration Item
SPS	SAR Processing System (ASF) Service Planning Segment (NCC) software program specification
SPSO	Science Processing Support Office
SPSR	Service Planning Segment Replacement
SPSS	science processing software segment statistical package for the social sciences
SQA	software quality assurance
SQAP	software quality assurance plan
SQL	Structured Query Language
SQR	SQL Report Writer
SQS	spatial query server
SRA	Site Readiness Assessment
SRD	System Requirements Document
SREM	software requirements engineering methodology
SRF	Server Request Framework

SRM	Surface Runoff Model
SRM&QA	Safety, Reliability, Maintainability, and Quality Assurance
SRP	Science Review Panel
SRR	System Requirements Review
SRS	Software Requirements Specification Segment Requirements Specification
SRT	system readiness test
SRTM	Shuttle RADAR Topography Mission
SSAI	Science Systems and Applications, Inc. (EMD Raytheon Subcontractor)
SSAP	Science Software Archive Package
SSDD	system/segment design document
SSEC	Space Science and Engineering Center (University of Wisconsin)
SSF	Scripps Satellite Facility
ssh	Secure Shell (Protocol)
sshd	Secure Shell Daemon
SSHA	system safety hazard analysis
SSI&T	Science Software Integration and Test
SSIL	security-sensitivity items list
SSIM	spacecraft simulator (GSFC)
SSIP	system safety implementation plan
SSIT	Science System Integration and Test
SSL	Secure Socket Link Secure Socket Layer
SSM/I	Special Sensor for Microwave/Imager
SSM/T	Special Sensor Microwave/Temperature Sounder
SSO	System Security Officer
SSR	solid state recorder System Software Review System Specification Review
SSRP	Science System Release Plan (for the ECS Project)
SSS	Spatial Subscription Server Subsystem Secure Shell Setup

SST	sea surface temperature
SSU	stratospheric sounding unit
SSW	sudden stratospheric warming
ST	switch-over time
STA	Science and Technology Agency (Japan)
STD	software test document
std	standard
STDN	Spaceflight Tracking and Data Network
STDS	short-term data storage
STE	special test equipment
STGT	Second TDRSS Ground Terminal
STK	StorageTek
STIKSCAT	Stick Scatterometer
STIP	short-term instrument plan
STL	Science and Technology Laboratory
STM	STorage Management Software Turnover Meeting
STMGT	STorage ManaGemenT CSCI
STOL	System Test and Operations Language (GSFC)
STOP	short-term operations plan
STP	software test plan
StP/OMT	Software Through Pictures/Object Modeling Technique
StrapMap	Texas Strategic Mapping Program
STTS	Software Turnover Tracking System
STREX	Storms Response Experiment
SUBSRV	Subscription Server
SUN	Sun Microsystems
SUSIM	Solar Ultraviolet Spectral Irradiance Monitor
SUSTS	SN users' simulation and test system software
SVD	system verification diagram

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SW	software science workstation swath
SWAMP	Science Working Group for the AM Platform
SWG	science working group
SWGD	SWAMP Working Group on Data
SWIR	Short Wavelength Infrared
SWIRLS	Stratospheric Wind Infrared Limb Sounder
SWIT	Software Integration and Test
SW/LW	Software/Long Wave
SWT	Science Working Team
Sybase	(ECS) COTS database management product (ASE)
SYS	System
SYSLOG	System Log

T

T³	Train-the-Trainer
T&C	telemetry and command
T&M	Time and Materials8
T/DC	time/date conversion
TAD	Technology Architecture Division
TAE	Transportable Applications Environment
TAG	Technical Assistance Group
TAI	Temps Atomique International (International Atomic Time)
TAR	Tape Archive
TAT	Technical Assessment Team
TB	terabyte (10^{12})
TBC	to be confirmed
TBD	to be determined to be defined

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TBR	to be resolved
TBS	to be supplied
Tbyte	terabyte
TCEQ	Texas Commission on Environmental Quality
TCP	Transmission Control Protocol
TCP/IP	Transmission Control Protocol/Internet Protocol
TCS	Thermal Control Subsystem (AM-1)
TD	time date conversion
TDB	Barycentric Dynamical Time
TDM	Test Data Management
TDMA	time division multiplex access
TDP	technical data package tabular datastream protocol
TDRS	Tracking and Data Relay Satellite
TDRSGS	TDRS Ground Station
TDRSS	Tracking and Data Relay Satellite System
TDT	Terrestrial Dynamical Time
T/EC	Tivoli Enterprise Console
TE	Test Executable
Telecon	telephone conference
TELNET	telecommunication network
TEM	Terrestial Ecosystem Model
TEMP	Temporary
TERRA	EOS AM Mission spacecraft 1, morning equator crossing spacecraft series—ASTER, MISR, MODIS and MOPITT instruments; mission to study the land, oceans, and the earth's radiation budget
TES	Tropospheric Emission Spectrometer
TGDDIS	Trace Gas Dynamics Data and Information System
TGM	trace gas model
TGS	ticket granting service Time generation system

TGT	TDRSS Ground Terminal ticket granting ticket	
THIR	Temperature/Humidity Infrared Radiometer (Nimbus)	
TIGER	Thermal Infrared Ground Emission Radiometer Topologically Integrated Geographic Encoding and Referencing	
TIM	technical interchange meeting total irradiance monitor	
TIMS	Thermal Imaging Spectrometer	
TIP	Technical Information Program	
TIR	thermal infrared	
TIROS	Television Infrared Observation Satellite	
TK	Toolkit	
TL	team leader	
TLCF	team leader computing facility	
TLM	telemetry [subsystem]	
TM	team member Thematic Mapper (Landsat)	
TMCF	team member computing facility	
TMDB	technical management database (ECS)	
TMDL	Total Maximum Daily Load	
TME	Tivoli Management Environment	
TMI	TRMM Microwave Imager	
TMN	Telecommunications Management Network	
TMR	TOPEX/Poseidon Microwave Radiometer	
TN	TDRSS network transmittal notice	
TNRIS	Texas Natural Resources Information System	
TO	technical officer	
TOD	True of Date	
TOGA/COARE	Tropical Ocean and Global Atmosphere Coupled Ocean Atmosphere Response Experiment	
TOMS	Total Ozone Mapping Spectrometer	

TONS	TDRSS On-board Navigational System
TOO	target of opportunity
TOPEX	Ocean Topography Experiment (joint US-France)
TOPS	Tape Order Processing System (LaRC)
TOPSAR	Topographic Synthetic Aperture Radar
TOR	True of Reference
TOVS	TIROS Operational Vertical Sounder
TP	technical paper transition plan task plan
TPOCC	Transportable Payload Operations Control Center
TPR	Task Plan Request Task Proposal Request
TQM	total quality management
TR	tape recorder
TRACER	Tropospheric Radiometer for Atmospheric Chemistry and Environmental Research
TRAK	Data request, tracking system (NSIDC)
TRAMAR	Tropical Rain Mapping Radar
TRMM	Tropical Rainfall Measuring Mission (joint US-Japan)
TRR	Test Readiness Review
TRUST	TDRSS Resource User Support Terminal
TS	test surveillance Transport Subsystem (Ecom)
TSDIS	TRMM Science Data and Information System
TSG	Technical Support Group
TSS	TDRSS Service Session
TST	TRMM Science Team
TSTOL	TRMM System Test and Operations Language (GSFC)
TSU	TRMM Science User
TSWG	TRMM Science Working Group
TT	trouble ticket

TT&C	telemetry, tracking, and command
TTAU	teletex access unit
TW	target week

U

U	unique
U/I	user interface
U/L	up-link
UAF	University of Alaska, Fairbanks
UARS	Upper Atmosphere Research Satellite
UAV	unmanned aerospace vehicle User Antenna View
UC	University of California
UCAR	University Corporation for Atmospheric Research
UDF	unit development folder
UDP	user datagram protocol
UDP/IP	user datagram protocol/internet protocol
UFS	UNIX file system
UID	universal identifier unique identifier
UIOAR	user interface off-line analysis request
UIT	User Interface Terminal (ESA)
UK	United Kingdom
UL	Underwriters Laboratory
UMAC	Upper Midwest Aerospace Consortium
UMD	University of Maryland
UML	Unified Modeling Language
UND	University of North Dakota
UNEP	United Nations Environmental Programme
UNESCO	United Nations Educational Scientific and Cultural Organization

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UNIX	(AT&T Bell Laboratories Operating System) Universal Interactive eXecutive
UPS	uninterruptible power supply user planning system
UR	universal reference
URDB	User Registration Database User's Recommendations Home Page User Recommendations Database
URL	uniform resource locator Universal Resource Locator
URT	User Registration Tool
U.S.	United States
USAID	United States Agency for International Development
USBR	United States Bureau of Reclamation
USDA	United States Department of Agriculture
USDC	United States Department of Commerce
USDI	United States Department of Interior
USDOE	United States Department of Energy
UserDIS	User Data Information System
USFS	United States Forest Service
USGCRP	United States Global Change Research Program
USGS	United States Geological Survey
USNO	United States Naval Observatory
USO	user support office
USRA	University Space Research Associates
US Rep	User Services Representative
UT	universal time
UTC	Universal Time Coordinated Universal Time Code
UTCF	universal time correlation factor
UTM	universal transverse mercator
UUID	universal unique identifier
UV	ultraviolet

UWA	University of Washington
UWG	user working group
UWI	University of Wisconsin
UX	UNIX/X

V

V&V	verification and validation
V0	Version 0 (Version Zero; use V-0 for EDHS search)
V0 Gateway	Version zero Gateway (V0 GTWAY CSCI)
V0 ODL	Version 0 Object Description Language
V0.1	Version 0.1
V1	Version 1
VAF	Verification Analysis Form
VAFB	Vandenberg Air Force Base
VAP	value added provider
VAS	VISSR Atmospheric Sounder (GOES)
VAT	Verification and Acceptance Testing
VATC	Verification and Acceptance Test Center
VAX	virtual extended address
VC	virtual channel
VCATS	Vendors Costing and Tracking System (ECS)
VCDU	virtual channel data unit
VC-ID	virtual channel identifier
Vdata	a framework for storing customized data tables in HDF giles
VDD	version description document
VDB	verification database
VE	verification
VFS	virtual file system
VHS	vertical head synchronization

VHSIC	very high speed integrated circuit
VIC	Variable Infiltration Capacity
VIMS	virtual IMS
VIP	Versatile Interface Processor
VIRR	Visible and Infrared Radiometer
VIRS	Visible Infrared Scanner (TRMM)
VIS	vendor information system
VIS-UV	Visible/Ultraviolet Spectrometer
VISSR	Visible/Infrared Spin-Scan Radiometer (GOES)
VLBI	very long baseline interferometer
VLSI	very large scale integration
VMS	virtual memory system
VNIR	visible and near infrared
VOB	version object base
VOM	volt ohm meter
VP	verification plan
VPF	vector product format
VS	verification specification
VSAT	very small aperture terminal
VT	virtual terminal
VTP	virtual terminal protocol
VTRS	Vandenberg Telemetry Receiver Site
VTS	virtual terminal service

W

WAD	work authorization document
WAES	Wyoming Agricultural Extension Service
WAIS	wide area information server
WAN	wide area network

WBDCS	Wide Band Data Collection System
WBS	work breakdown structure
WCES	Wyoming Co-operative Extension Service
WCRP	World Climate Research Programme
WCS	Web Coverage Service
WCTS	Web Coordinate Transformation Services
WDC	World Data Center
WEGENER	Working Group of European Geoscientists for the Establishment of Networks for Earthquake Research
WFF	Wallops Flight Facility
WFS	Web Feature Service
WGD	Working Group on Data (CEOS)
WGGCR	Working Group on Global Change Research
WI	work instruction
WICS	Web Image Classification Service
WINDII	Wind Imaging Interferometer
WKBCH	WorKBenCH CSCI
WKSHW	Working Storage HWCI
WMO	World Meteorological Organization
WMS	Web Mapping Service Web Map Services
WNV	West Nile Virus
WOCE	World Ocean Circulation Experiment
WORM CD	write once, read many compact disk
WORM	write once read many
WOTS	Wallops Orbital Tracking Station
WP	white paper work package
WPB	Water Planning Bureau
WPL	Wave Propagation Laboratory (NOAA)
WRKSTN	Workstation

WRS	Worldwide Reference System
WS	working storage Workstation (also W/S)
WSC	White Sands Complex
WSGT	White Sands Ground Terminal
WSMC	Western Space and Missile Center
WTCS	Web Coordinate Transformation
WTS	Wallops Tracking Station
WU-FTP	Washington University file transfer protocol
WWW	World Wide Web

X

X	X protocol
X.400	OSI standard for mail services
X.500	OSI standard for directory services
xAR	(any kind of or generic) Acquisition Request
XBDS	Bulk Data Service Protocol
XBT	Expendable Bathythermograph
XDR	external data representation
XDS	X/Open Directory Service
XF	transfer frame
XFS	Extended file system
XFG	transfer frame generator
XFN	X/Open Federated Naming
XIE	X-ray Imaging Experiment
XLV	Logical Volume Disk Driver
XML	Extensible Markup Language
XMP	X/Open Management Protocol
XOM	X/Open OSI-Abstract-Data Manipulation
XPS	XUV Photometer System

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XSAR	X-band SAR
XTE	X-Ray Timing Explorer
XVT	XVT Software, Inc.

Y

| Y2k | Year2000 |

Z

Z	UNIX compressed format
ZA	Zonal average
Zmail	Unix mail tool
ZOE	zone of exclusion

etc.

| 3GL | third generation language |
| 4GL | fourth generation language |

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