

Abbreviations and Acronyms

ACL	Access Control List
ACMHW	Access and Control Management HWCI
ACRIMSAT	Active Cavity Radiometer Irradiance Monitor Satellite
ADEOS	Advance Earth Observing
ADC	affiliated data center
ADSHW	Advertising Service HWCI
ADSRV	Advertising Service CSCI
AI&T	Algorithm Integration and Test
AIT	algorithm integration and test
AITTL	Algorithm Integration and Test CSCI
AM-1	EOS AM Project spacecraft 1, morning spacecraft series -- ASTER, CERES, MISR, MODIS and MOPITT instruments
ANSI	American National Standards Institute
API	application program (or programming) interface
AQAHW	Algorithm Quality Assurance CSCI
ASCII	American Standard Code for Information E change
ASF	Alaska SAR Facility (DAAC)
ASTER	Advanced Spaceborne Thermal Emission and Reflection
AT	acceptance test
ATT	acceptance test team
BONeS	block oriented network simulator
CASE	computer aided software engineering
CCR	configuration change request
CCSDS	Consultative Committee for Space Data Systems
CDR	Critical Design Review

CDRL	contract data requirements list
CERES	Clouds and Earth's Radiant Energy System
CI	configuration item
CIESIN	Consortium for International Earth Science Information Network
CLS	Client subsystem
CM	configuration management
COLOR	Ocean Color
COTS	commercial off-the-shelf (hardware or software)
CPU	central processing unit
CSC	computer software component
CSCI	computer software configuration item
CSMS	Communications and Systems Management Segment (ECS)
CSR	consent to ship review
CSU	computer software unit
DAA	data availability acknowledgment
DAAC	Distributed Active Archive Center
DADS	Data Archive and Distribution System
DAN	data availability notice
DAO	Data Assimilation Office
DAR	data acquisition request
DAS	detailed activity schedule
DCN	document change notice
DDA	data delivery acknowledgment
DDICT	data dictionary
DDN	data delivery notice
DDTS	Distributed Defect Tracking System
DESKT	desktop (configuration item)

DDIST	Data Distribution Service CSCI
DDSRV	Document Data Server
DID	data item description
DIM	distributed information manager
DIMGR	distributed information manager
DIPHW	Distribution and Ingest Peripheral Management HWCI
DMGHW	Data Management HWCI
DMO	data management organization
DMS	Data Management System
DNS	domain name services
DOTS	data ordering and tracking system (JPL)
DPR	Data Processing Request
DPRHW	Data Repository HWCI
DPS	Data Processing System
DR	discrepancy report
e-mail	electronic mail
DSS	Data Server System
Early AM-1	EOS Morning Crossing (Descending) Mission
EAS	ECS Advertising Service
Ecom	EOS Communications (replaced by EBNet)
ECS	EOSDIS Core System
EDC	EROS Data Center (DAAC)
EDF	ECS Development Facility
EOC	EOS Operations Center
EOS	Earth Observing System
EOSDIS	Earth Observing System Data and Information System
ERS	Earth Resources Satellite

	European Remote-Sensing Satellite
ESDIS	Earth Science Data and Information System (GSFC)
ETM+	Enhanced Thematic Mapper Plus (Landsat 7)
ETR	Element Test Review
F&PRS	Functional and Performance Requirements Specification
FDDI	fiber distributed data interface
FOO	flight of opportunity
FOS	Flight Operations Segment (ECS)
ftp	file transfer protocol
GCDIS	Global Change Data and Information System
GCMD	Global Change Master Directory
GTWAY	Version 0 Interoperability Gateway CSCI
GSFC	Goddard Space Flight Center
GUI	graphic user interface
H/W	hardware
HDF	hierarchical data format
HIPPI	high performance parallel interface
HMI	human machine interface
HP	Hewlett Packard
HTML	HyperText Markup Language
HTTP	Hypertext Transport Protocol
HWCI	hardware configuration item
I&AT	Integration and Acceptance Test
I&T	integration and test
I&TT	Integration and Test Team
I/F	interface
IATO	Independent Acceptance Test Organization

ICD	interface control document
ICLHW	Ingest Client HWCI
IDR	Incremental Design Review
INGST	Ingest Services CSCI
INS	Ingest Subsystem
IOS	Interoperability Subsystem
IR	interim release
IR-1	interim release-1
IRD	interface requirements document
IST	Instrument Support Terminal
IV&V	independent verification and validation
JERS	Japanese Earth Remote-Sensing System
JPL	Jet Propulsion Laboratory (JPL)
L0-L4	Level 0 (zero) through Level 4
LAN	local area network
Landsat	Land Remote-Sensing Satellite
LaRC	Langley Research Center (DAAC)
LIMGR	Local Information Manager CSCI
LIS	Lightning Image Sensor
LOM	Logical Object Model
LPS	Landsat 7 Processing System
M&O	maintenance and operations
MISR	Multi-Angle Imaging SpectroRadiometer
MODIS	Moderate-Resolution Imaging Spectroradiometer
MOPITT	Measurements of Pollution in the Troposphere
MSFC	Marshall Space Flight Center
NASA	National Aeronautics and Space Administration

NCR	non-conformance report
NCRCA	Non-conformance Reporting and Corrective Action
NCSA	National Center for Supercomputer Applications
NOAA	National Oceanic and Atmospheric Administration
NSIDC	National Snow and Ice Data Center (DAAC)
NRCA	non-conformance reporting and corrective action
ORNL	Oak Ridge National Laboratory (DAAC)
PAIP	performance assurance implementation plan
PDR	Preliminary Design Review
PGE	product generation executable
PGS	Product Generation System
PLANG	Production Planning CSCI
PLNHW	Planning HWCI
PLS	Planning Subsystem
PRONG	Processing CSCI
QA	quality assurance
R1	Release 1
RAID	redundant array of inexpensive disks
RIR	Release Initiation Review
RTE	Remote Terminal Emulator
RTM	requirements and traceability management
SAGE	Stratospheric Aerosols and Gas Equipment
SCDO	Science and Communications Development Office (ECS)
SCF	Science Computing Facility
SDPF	Sensor Data Processing Facility (GSFC)
SDPS	Science Data Processing Segment (ECS)
SDR	Software Design Review

SDR	System Design Review
SDPTK	Science Data Processing Toolkit CSCI
SDSRV	Science Data Server CSCI
SeaWiFS	Sea-Viewing Wide Field-of-View Sensor
SFDU	Standard Format Data Unit
SGI	Silicon Graphics International
SI&P	system integration and planning
SI&T	system integration and test
SITP	system integration test plan
SMF	status message tool
SPRWH	Science Processing HWCI
SRR	System Requirements Review
STMGT	Storage Management Software CSCI
SUN	Sun MicroSystems
TBD	To Be Determined
TCP/IP	Transmission Control Protocol/Internet Protocol
TOO	Target of Opportunity
TRMM	Tropical Rainfall Measuring Mission (joint US-Japan)
TRR	Test Readiness Review
TSDIS	TRMM Science Data and Information System
URL	universal reference location
V0	Version Zero
V&V	verification and validation
WAIS	Wide Area Information Server
WRS	worldwide reference system
WWW	World-Wide Web
X.400	OSI standard for mail services

X.500 OSI standard for directory services

Note: for a complete listing of Acronyms for EOSDIS Core System (ECS) Project, see 152-TP-001-003.