Near Space Network

ACRONYM GLOSSARY

AA	Application Agent
ACCESS	*Advanced Communications Capabilities for Exploration and Science Systems Project/Code 459*
ADD	Architecture Definition Document
Ai	Availability Inherent
Ao	Availability Operational
AP	Advanced Planning
B/U	Backup
BM	Briefing Message
BMCC	Backup Mission Control Center
bMOC	back-up Mission Operations Center
BOP	Bundle Hop
BP	Bundle Protocol
BPA	Bundle Protect Agent
BPSec	Bundle Protocol Security Specification
BSR	Bundle Status Report
BSS	Business Support Service
C&N	Communications and Navigation
C&DH	Command and Data Handling
C&T	Communications and Tracking
C/O	Check-out
C-SLP	Commercial Space Link Provider
CDR	Critical Design Review
CIMO	Customer Interface Management Office (JPL)
CIS	Commercialization, Innovation and Synergies Office/Code 450.1
CLA	Converged Layer Adapter
CLASS	Communication Link Analysis and Simulation System
CLP	Commercial Link Providers (includes both space link providers and data transport providers)
CM	Configuration Management
ConOps	Concept of Operations
CP	*Communications Program (now NaTS)*
CSE	Communications Systems Engineer
CSO	Chief Safety and Mission Assurance Officer
CSR	Customer Service Representative (NaTS)
CTN	Communications and Tracking Network
DAPHNE	*Data Acquisition Processing and Handling Network Environment*
DAS	Demand Access System

DND	Deputy Network Director
DOR	Differential One-way Doppler
DSE	*Deep Space Element*
DSN	Deep Space Network
DTE	Direct-to-Earth (formerly NEN)
DTN	Delay/Disruption Tolerant Networking
DTP	Data Transport Provider
EDOS	Earth Observing System (EOS) Data and Operations System
EID	Bundle Endpoint
EOL	End of Life
EOM	End of Mission
ER	Eastern Range
ESC	Exploration and Space Communications Project Division/Code 450
FDF	Flight Dynamics Facility/Code 595
GOCO	Government Owned Contractor Operated
HEOMD	*Human Exploration and Operations Mission Directorate*
HSF	Human Space Flight
I&T	Integration and Testing
ICD	Interface Control Document
IOC	In-orbit checkout
IOT	In-orbit Test
IP	Internet Protocol
IPN	Interplanetary Network
ISI	Interim Support Instruction
ISS	International Space Station
ITU	International Telecommunications Union
JPL	Jet Propulsion Laboratory
KSAT	Konsberg Satellite Services
LEGS	Lunar Exploration Ground Sites
LEO	Low Earth Orbit
LEO&A	Launch, Early Orbit, and Activation
LEOP	Launch and Early Orbit Phase/Launch and Early Operations Phase
LOR	Launch and Orbit Raising (mission phase)
LOS	Loss of Signal
LRD	Launch Readiness Date
LV	Launch Vehicles
M&O	Maintenance and Operations
MA	Multiple Access
MCC	Mission Control Center
MCE	Mission Commitment Engineer
MCO	SCaN Mission Commitment Office
MCP	Mission Cloud Platform
MCR	Mission Concept Review
MDR	Mission Dress Rehearsal
MDT	Mean Downtime
MEWG	Mission Engagement Working Group

MI&T	Mission, Integration, and Test
MIDD	Mission Interface Definition Document
MM	Mission Manager
MM	NSN Mission Manager (formerly NIM)
MOC	Mission Operations Center
MORR	Mission Operations Readiness Review
MOU	Memorandum of Understanding
MP&I	Mission Planning and Integration
MRT	Mission Readiness Test
MSI	Mission Services Integration
MTBF	Mean Time Between Failure
MTTF	Mean Time To Failure
MTTR	Mean Time To Repair
NAM	Network Advisory Message
NASCOM	NASA Communications
NaTS	Network and Telecommunications Services
ND	Network Director (either SCaN, HSF or LV/Robotics)
NEE	*Near Earth Element*
NEN	*Near Earth Network*
NENPAO	*Near Earth Network Performance Analyst Office*
NENSO	Near Earth Network Scheduling Office
NFA	Network Feasibility Analysis
NI&T	Network Integration and Test
NIC	*Network Integration Center*
NIKA	NEN Initiative for Ka-band Advancement
NIMO	*Network Integration Management Office*
NLM	Network Loading and Modeling
NOM	Network Operations Manager
NORR	Network Operations Readiness Review
NRR	Network Requirements Review
NSN	Near Space Network Project/Code 457
NSOCC	Near Space Operations Control Center [formerly Network Integration Center (NIC)]
NSRD (NRD)	Network Services Requirement Document (formerly Network Requirements Document)
NTP	Network Test Plan
O&C	Operations & Checkout
OD	Orbit Determination
OOA	On-Orbit Acceptance
OOAR	On-Orbit Acceptance Review
OOT	On-Orbit Testing
OPM	Orbital Parameter Message
OPN	Operational Notification
ORR	Operations Readiness Review
ORT	Operational Readiness Test
PDR	Preliminary Design Review/Program Design Review
PLT	Post-launch Testing
PM	preventative maintenance

PSK	Phase Shift Keying
QPSK	Quadri-Phase Shift Keying
RF	Radio Frequency
RFICD	Radio Frequency Interface Control Document
SA	Single Access
S&MA	Safety and Mission Assurance
SANA	Space Assigned Numbers Authority
SAR	Search and Rescue Project/Code 450.3
SARD	Service Agreement and Requirements Document
SCaN	Space Communications and Navigation Program
SCN	Satellite Control Network
SCR	System Concept Review
SDN	Software Defined Networking
SE	Systems Engineering
SE&I	Systems Engineering and Integration
SER	Significant Event Report
SLA/PSLA	Service Level Agreement/Project Service Level Agreement
SLAM	Static Link Analysis Memorandum
SLE	Space Link Extension
SLP	Space Link Provider
SMD	Science Mission Directorate
SN	*Space Network*
SNAS	Space Network Access System
SNR	Signal-to-Noise Ratio
SOE	Sequence of Events
SQPSK	Staggered Quadri-Phase Shift Keying
SSC	Swedish Space Corporation
SR	Space Relay [formerly Space Network (SN)]
T&I	Test and Integration
TAR	Test Analysis Report
TCP	Transport Control Protocol
TCP CL	Transport Control Protocol Convergence Layer Adapter
TCR	TDRS Critical Request
TDM	Tracking Data Message
TRR	Test Readiness Review
TUT	TDRS Unscheduled Time
UDP	User Datagram Protocol
V&V	Verification and Validation
VLBI	Very Long Baseline Interferometry
WR	Western Range

Items listed in italics are legacy terms no longer in use but listed for historical reference.