
APPENDIX 22

GLOSSARY

A	
AC	Alternating Current
ACI	American Concrete Institute
ACS	Alarm and Control Subsystem
ACK	Acknowledge
ADAAG	Americans With Disability Act Architectural Guidelines
ADM	Add/Drop Multiplexer
ADM	Alias Database Manager
A&E	Architectural and Engineering
AEB	Ambassador Electronics Bank
AEI	Audio Expansion Interface
AES	Advanced Encryption Standard
AFIS	Automated Fingerprint Identification System
AIMI	Ambassador Interface Mux Interface
AMB	Ambassador
AMI	Alternate Mark Inversion
AMS	American Management Systems
ANC	American Nucleonics Corporation
ANSI	American National Standards Institute
AO	Area Office
APB	All Points Bulletin
APCO	Association of Public-Safety Communications Officials
API	Application Program Interface
ASB	Adjacent Site Broadcast
ASC	ASTRO Site Controller
ASD	Acquisition Service Division
ASTM	American Society for Testing and Materials
ASTRO25	Motorola's Trademark Product Name for its APCO 25 offering
ATDE	Automatic Time Domain Equalizer
ATG	Announcement Talk Group (or Announcement Talkgroup)
ATIA	Air Traffic Information Access
ATM	Advanced Tactical Mapping
ATM	Asynchronous Transfer Mode

ATP	Acceptance Test Procedure
ATPC	Automatic Transmitter Power Control
ATR	Air Traffic Router
ATS	Auto Transfer Switch
Aux I/O	Auxiliary Input/Output
AVL	Automatic Vehicle Location
AWG	American Wire Gauge
AWW	Advanced Workstations for Windows
B	
BCS	Broadband Communications Sector
BER	Bit Error Rate
BIM	Base Interface Module
BOCA	Building Officials and Code Administrators
BSI	Base Station Identification
BTU	British Thermal Unit
C	
C/I	Carrier to Interference ratio
CAD	Computer Aided Dispatch
CAI	Common Air Interface
CapWIN	Capitol Area Wireless Integrated Network
CATP	Coverage Acceptance Test Procedure (Plan)
CB	Citizen Band
CCDB	Customer Configuration DataBase
CCSI	Customer Center for System Integration
CCTV	Closed Circuit Television
CCW	Channel Control Window
CDPD	Cellular Digital Packet Data
CDM	Console Database Manager
CEB	Central Electronics Bank
CEN	Customer Enterprise Network
CFR	Code of Federal Regulations
CGISS	Commercial, Government and Industrial Solutions Sector
CH	Clay Of High Plasticity, Fat Clay
CIE	Console Interface Electronics
CL	Clay
CM	Configuration Management
CM	Construction Manager, Construction Management
CMS	Configuration Management Subsystem
CMS	Corrections Management System
CMTTR	Critical Mean Time To Repair
COIM	Console Operator Interface Module
COLLECT	Connecticut On-line Law Enforcement

	Telecommunications System
COMP	Comparator Interface
CONV (or Conv.)	Conventional
COR	Carrier Operated Relay
CORI	Console Operator Remote Interface
COS	Change of State
COTS	Commercial Off The Shelf
COV	Commonwealth of Virginia
CPC	Channel Performance Criterion
cPCI	Compact Peripheral Component Interconnect
CPM	Critical Path Method
CPO	Chief Project Officer
CPS	Customer Programming Software
CPU	Central Processing Unit
CSC	Customer Support Center
CSM	Customer Support Manager
CSU	Channel Service Unit
CSU/DSU	Channel Service Unit/Data Service Unit
CSV	Comma Separated Values
CTCSS	Continuous Tone-Controlled Squelch System
CTNA	Customer Training Needs Analysis
CZ	Communications Zone
D	
DACS	Digital Access and Cross-Connect System
DAQ	Delivered Audio Quality
dB	Decibel
DBS	Data Base Station
DC	Direct Current
DCLOBL	DC Generator/Line Operated Busy Light
DDR	Detailed Design Review
VDEQ	Virginia Department of Environmental Quality
DES	Data Encryption Standard
VDFP	Virginia Department of Fire Programs
VDGIF	Virginia Department of Game and Inland Fisheries
DI	Digital Inputs
DIN	Deutsches Institut für Normung
VDJJ	Virginia Department of Juvenile Justice
VDMA	Virginia Department of Military Affairs
VDMME	Virginia Department of Mines, Minerals, and Energy
VDMV	Virginia Department of Motor Vehicles
DO	Digital Outputs

VDOAV	Virginia Department of Aviation
VDOF	Virginia Department of Forestry
VDOH	Virginia Department of Health
VDPOR	Virginia Department of Professional & Occupational Regulations
DRM	Dual Receive Module
DRP	Disaster Recovery Plan
DRTCS	Disaster Recovery Transportable Communication Site
DSO	Digital Service 0. Dedicated 64 kilobit per second transport.
DSP	Digital Signal Processor
DSS	Decision Support System
DSSA	Dynamic Shared Service Algorithm
DSX	Digital Cross Connect
DS1	Digital Service 1. Dedicated 1.544 Megabit per second transport.
DTLOBL	Dual Tone Line Operated Busy Light
DTMF	Dual Tone Multi-Frequency
DVRS	Digital Vehicular Repeater System
E	
EIA	Electronic Industry Association
EME	Electromagnetic Emissions
ERP	Effective Radiated Power
ESA	Environmental Site Assessment
ESS	Enhanced System Support
F	
FAA	Federal Aviation Administration
FATP	Factory Acceptance Test Procedure
FCC	Federal Communications Commission
FEP	Front End Processor
FIFO	First In, First Out
FIPS	Federal Information Processing Standards
FLM	Formatted Logical Message
FNE	Fixed Network Equipment
FOIA	Freedom of Information Act
FPIC	Federal Partnership for Inteoperable Communications
FRHOT	Failure Random Hold-Off Timer
FRL	Facilities Restriction Level
FRP	Fiberglass Reinforced Plastic
FRU	Field Replacement Unit
FV	FullVision
FXO	Foreign Exchange Office

FXS	Foreign Exchange Subscriber
4W E&M	Four Wire E and M lead Signalling
G	
GB	Gigabyte
GBT	Green Bank Telescope
GC	Clayey Gravel
GCSO	Global Customer Operations
GDW	Global Data Warehouse
GFCI	Ground Fault Circuit Interrupting
GGSN	GPRS Gateway Server Node
GHz	Giga Hertz
GIF	Department of Game and Inland Fisheries
GIS	Geographic Information Systems
GM	Silty Gravel
GMC	Graphics Master Control
GOS	Grade of Service
GP	Poorly-Graded Gravel
GPRS	General Packet Radio Service
GPS	Global Positioning System
GFR	General Frequency Reuse
GTSS	Global Telecom Solutions Sector
GUI	Graphical User Interface
GW	Well-Graded Gravel, Fine To Coarse Gravel
GWS	Graphic Work Station
H	
HDLC	Hi-Level Data Link Control
HDPE	High Density Polyethylene
HICAPS	Hood Information Control and Planning Systems
HID	High Intensity Discharge
HLR	Home Location Register
HMIS	Human-Machine Interface
HPB	High Power Booster
HPR	High Power Rocketry
HQ	Headquarters
HSM	Hierarchical Storage Management
HSO	High Stability Oscillator
HSU	High Speed Unit
HTML	Hyper-Text Markup Language
HVAC	Heating Ventilation and Air Conditioning
I	
IAF	Inventory Adjustment Form
ID	Identification (or Identifier)
IDACS	Indiana Data and Communications System

IESS	Integrated Electronic Systems Sector
IF	Integrated Framework
IM	Inter-Modulation
INM	Integrated Network Manager
INMS	Integrated Network Management Systems
IP	Internet Protocol
IPSC	Integrated Public Safety Commission
IRHOT	Internal Random Hold-Off Timer
IRR	Instant Recall Recorder
IT	IMAGETEAM™
ITU-T	ITU Telecommunication Standardization Sector
IV&D	Integrated Voice and Data
IZCP	InterZone Control Path
J	
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K	
kbps	Kilo bits per second
kHz	Kilo Hertz
KMF	Key Management Facility
kW	Kilo Watt
L	
LAN	Local Area Network
LCD	Liquid Crystal Display
LB	Low Band
LCS	Life Cycle Support
LCS	LMR Control Sites
LEEDS	Law Enforcement Enhanced Decision Support Suite
LMR	Land Mobile Radio
LOM	Logging Operator Interface Module
LOMI	Logging Operator Mux Interface
LORI	Logging Recorder Interface
LP	Liquefied Petroleum
LRU	Lowest Replaceable Unit
LSM	LinkNet™ Service Modules
LSS 3000	LiveScan 3000
LULC	Land Use Land Cover
M	
MACS	Motorola's Alarm and Control System
MAS	Multi-Service Access System
MB	Megabytes
MCN	Multi-Service Carrier Node
MCT	Mobile Computer Terminal

MDC	Mobile Data Computer
MDLC	Motorola Data Link Control
MDS	Mobile Data System
MDT	Mobile Data Terminal
MFR	Multiple Frequency Reuse
MG	Multigroup
MGEG	Motorola Gold ELITE Gateway
MHSB	Monitored Hot Standby
MHz	Mega Hertz
MIB	Management Information Base
Mic	Microphone
ML	Silt
MMI	Man-Machine Interface
MNI	Microwave Networks Incorporated
MOSCAD	Motorola SCADA
MOV	Metal Oxide Varistor
MPE	Maximum Permissible Exposure
MPH	Miles Per Hour
MRC	Marine Resources Commission
MSB	Motorola Standard Building
MSR	Message Success Rate
MSel	Multi-Select
MSG	Message
MSS	Mobile Satellite Service
MSS	Motorola Service Station
MTBF	Mean Time Between Failure
MTS	Microwave Telecommunication System
Mux	Multiplex (or Multiplexer)
MW	Microwave
MWCS	Motorola Wireless Communications Software
MWNI	Microwave Network Infrastructure
N	
NAK	Negative Acknowledgement
NCIC	National Crime Information Center
NEC	National Electrical Code
NEMA	National Electrical Manufacturers Association
NEPA	National Environmental Protection Agency
NFM	Network Fault Management
NFO	Next Flight Out
NFPA	National Fire Protection Association
NIC	Network Interface Card
NICET	National Institute for Certification in

	Engineering
NIST	National Institute of Standards and Technology
NLETS	National Law Enforcement Telecommunications System
NM	Network Management
NMEA	National Marine Electronic Association
NMC	Network Management Client
NNM	Network Node Manager
NOC	Network Operations Center
NPL	Net Path Loss
NRAO	National Radio Astronomy Observatory
NRQZ	National Radio Quiet Zone
NS	Network Sector
NSST	National Strategic Spectrum Team
NWS	National Weather Service
O	
OC3	Optical Carrier Level 3, 155 Megabits per second
OC12	Optical Carrier Level 12, 622 Megabits per second
OC48	Optical Carrier Level 48, 2.45 Gigabits per second
OEM	Original Equipment Manufacturer
OET	Office of Engineering and Technology (of the FCC)
OP	Operator Position
OS	Operating System
OSHA	Occupational Safety and Health Administration
OSI	Open System Interconnection
OTAR	Over-The-Air-Rekeying
OW	Orderwire
P	
P25	Project 25
PA	Public Address or Power Amplifier
PBX	Private Branch Exchange
PC	Personal Computer
PCM	Pulse Code Modulation
PCS	Personal Communications Sector
PCSC	Panasonic Computer Solutions Company
PDF	Portable Document Format
PDG	Packet Data Gateway
PDU	Power Distribution Unit
PIM	Passive Inter-Modulation
PLC	Programmable Logic Controller

PM	Project Manager
PMDC	Premier Mobile Data
PMI	Project Management Institute
PMP	Project Management Professional
PMS	Portable Microwave Sites
Psf	pounds per square foot
Psi	pounds per square inch
POP3	Post Office Protocol 3
PTT (or P-T-T)	Push to Talk (or Push-to-Talk)
Q	
QAM	Quadrature Amplitude Modulation
R	
R56	Motorola Standards and Guidelines for Communication Sites
RA	Return Authorization
RAID	Redundant Array of Independent Disks
RAPI	Radio Applications Programming Interface
RCM	Radio Control Manager
RDLAP	Radio Data Link Access Procedure
RF	Radio Frequency
RF EME	Radio Frequency Electromagnetic Emissions
RFP	Request for Proposal
RHOTS	Random Hold-Off Timers
RMS	Records Management System
RNC	Radio Network Controller
ROCI	Remote Operator Console Interface
RRHOT	Recovery Random Hold-Off Timer
RP	Rendezvous Point
RPTR (or Rptr.)	Repeater
RSM	Regional Service Manager
RSS	Radio Service Software
RSSI	Received Signal Strength Intensity
RTU	Remote Terminal Unit
RX (or Rx)	Receive
S	
SAD	Silicon Avalanche Diode
SAN	Storage Array Network
SASD	Silicon Avalanche Suppressor Diode
SC	Clayey Sand
SCAAP	State Criminal Alien Assistance Program
SCADA	Supervisory Control and Data Acquisition
SCP	Site Control Path
SDI	Steel Door Institute

SI	System Integrator
SIRS	Statewide Interdepartmental Radio System
SM	Silty Sand
SMTP	Simple Mail Transfer Protocol
SNA	Synchronous Network Architecture
SNMP	Simple Network Management Protocol
SONET	Synchronous Optical Network
SOW	Statement of Work
SP	Poorly-Graded Sand
SPHQ	State Police Head Quarters
SPI	Smart Phone Interface
SPS	Semiconductor Products Sector
SSC	System Support Center
SSI	Signal Strength Indication
SSS	System Support Services
SSS	System-wide Statistics Server
STARS	Statewide Agencies Radio System
STS	Status
SW	Well-Graded Sand, Fine To Coarse Sand
SZ	SmartZone
T	
TAC	Total Area Coverage
T&C	Terms and Conditions
TB	Terabytes
TCP/IP	Transmission Control Protocol/Internet Protocol
TCS	Transportable Communications Site
TDM	Time Division Multiplexing
Telco	Telephone Company
TFT	Trivial File Transfer
TG	Talk Group (or Talkgroup)
TGS	Tone Generation Server
TIA	Telecommunications Industry Association
TLP	Talkgroup Load Profile
TLAN	Transitional LAN
TLOBL	Tone Line Operator Busy Light
TMN	Tadiran Microwave Networks, Inc.
TSB	Telecommunications Systems Bulletin
TX	Transmit
2D	Two Dimensional
TX (or Tx)	Transmit
U	
UCAN	Utah Communications Agency Network
UCITA	Uniform Computer Information Transaction Act
UCM	User Configuration Manager

UCS	User Configuration Server
UDP/IP	User Data Protocol/Internet Protocol
UDT	Universal Data Transfer
UFAS	Uniform Federal Accessibility Standards
UHF	Ultra High Frequency
UL	Underwriters Laboratories
UPS	Uninterruptible Power Supply
USB	Universal Serial Bus
V	
VCC	VSP Communications Centers
VCIN	Virginia Criminal Information Network
VCO	Voltage Controlled Oscillator
VCT	Vinyl Composite Tile
VDC	Volts Direct Current
VDEM	Virginia Department of Emergency Management
VDOT	Virginia Department of Transportation
VFP	Virginia Fiberglass Products
VHF	Very High Frequency
VLAN	Virtual LAN
VLR	Visitor Location Register
VoIP	Voice Over Internet Protocol
VPN	Virtual Private Network
VPPA	Virginia Public Procurement Act
VRS	Vehicular Repeater System
VSP	Virginia State Police
VUSBC	Virginia Uniform Statewide Building Code
W	
WA	Wide Area
WAN	Wide Area Network
WLAN	Wireless Local Area Network
WMATA	Washington Metropolitan Area Transit Authority
WNG	Wireless Network Gateway
X	
XML	Extensible Markup Language
Y	
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Z	
ZAMBI	Zone Ambassador Interface
ZC	Zone Controller
ZCM	Zone Configuration Manager
ZDS	Zone Database Server
2	
2D	Two Dimensional

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