

## LIST OF ACRONYMS

AASHTO	American Association of State Highway and Transportation Officials
ACCOLC	Access Overload Class
ADP	Automated Data Processing
AFCEA	Armed Forces Communications and Electronics Association
AHS	Automated Highway System
ALARS	Automobile License and Registry System
ALI	Automatic Location Identification
AMPS	Advanced Mobile Phone System
AMSC	American Mobile Satellite Corporation
ANI	Automatic Number Identification
ANSI	American National Standards Institute
APCO	Association of Public Safety Communications Officials - International, Inc.
API	American Paging, Inc.
APL	Automatic Personnel Location
ARQ	Automatic repeat ReQuest
AT&T	American Telephone and Telegraph
ATM	Asynchronous Transfer Mode
ATV	Advanced Television (HDTV)
AVC	Automatic Vehicle Classification
AVI	Automatic Vehicle Identification
AVL	Automatic Vehicle Location
AVM	Automatic Vehicle Monitoring
AWGN	Additive White Gaussian Noise
BER	Bit Error Rate
BIFC	Boise Inter-agency Fire Cache
BPA	Bonneville Power Administration
BTA	Basic Trading Area
CAD	Computer-Aided Dispatch
CAI	Common Air Interface
CAP	Competitive Access Provider
CBP	Community Based Policing
CCITT	Consultative Committee on International Telephony and Telegraphy
CD-ROM	Compact Disk - Read Only Memory
CDF	California Department of Forestry and Fire Protection
CDMA	Code Division Multiple Access
CDPD	Cellular Digital Packet Data
CELP	Coded Excited Linear Predictive
CFR	Code of Federal Regulations
CGSA	Cellular Geographic Service Area
CHP	California Highway Patrol
CLEC	Competitive Local Exchange Carrier
CMRS	Commercial Mobile Radio Services

CMSS Commercial Mobile Satellite Systems  
 COG Council of Governments  
 COMSAT Commercial Mobile Satellite Systems  
 COPE Coalition of Private Users of Emerging Multimedia Technologies  
 COTS Commercial-off-the-shelf  
 COW Cell Sites on Wheels  
 CPAS Cellular Priority Access Service  
 CPC Channel Performance Criterion  
 CTIA Cellular Telecommunications Industries Association  
 CVSD Continuously Variable Slope Delta (modulation)

DAQ Delivered Audio Quality  
 DCI Data Collection Instrument  
 DGPS Differential Global Positioning Systems  
 DMAT Disaster Medical Assistance Team  
 DMV Department of Motor Vehicles  
 DOD Departement of Defense  
 DOE Department of Energy  
 DPI Dots Per Inch  
 DRAM Dynamic Random Access Memory  
 DSP Digital Signal Processing  
 DSRC Dedicated Short Range Communications  
 DTMF Dual-Tone-Multi-Frequency  
 DTRS Digital Trunked Radio System

ECC Emergency Communications Center  
 EDACS Enhanced Digital Access Communication System  
 EDI Electronic Data Interchange  
 EDIS Emergency Digital Information System  
 EMD Emergency Management and Disaster Services  
 EMRS Emergency Medical Radio Service  
 EMS Emergency Medical Services  
 EOC Emergency Operations Center  
 EOD Explosive Ordinance Disposal  
 ESMR Enhanced Specialized Mobile Radio  
 ETTM Electronic Toll and Traffic Management  
 EVM Emergency Vehicle Management

FCC Federal Communications Commission  
 FCCA Forestry Conservation Communications Association  
 FCRS Forestry-Conservation Radio Service  
 FDMA Frequency Division Multiple Access  
 FEC Forward Error Correction  
 FEMA Federal Emergency Management Agency  
 FFSR Fast Forward Signal Regeneration  
 FHWA Federal Highway Administration

FLEWUG	Federal Law Enforcement Wireless Users Group
FM	Frequency Modulation
FMARS	Fire Mutual Aid Radio System
FPLMTS	Future Public Land Mobile Telecommunications Systems
FQPSK	Feher's Quadrature Phase Shift Keying
FRS	Fire Radio Service
GETS	Government Emergency Telecommunications System
GHz	Gigahertz
GIF	Graphic Image Format
GIS	Geographic Information System
GLONASS	Global Navigation Satellite System
GMF	Government Master File
GMSK	Gaussian Minimum Shift Keying
GOS	Grade of Service
GPS	Global Positioning System
HAZMAT	Hazardous Materials
HDTV	High Definition Television (ATV)
HF-SSB	High-frequency Single-sideband
HIDTA	High Intensity Drug Trafficking Area
HMRS	Highway Maintenance Radio Service
HOV	High Occupancy Vehicle
IACP	International Association of Chiefs of Police
IAFC	International Association of Fire Chiefs
IAFIS	Integrated Automated Fingerprint Identification System
IC	Integrated Circuit; Incident Commander
ICO	Intermediate Circular Orbit
ICP	Interoperability Communication Plan
ICS	Incident Command System
ICSAR	Interagency Committee on Search and Rescue
iDEN	Integrated Digital Electronic Network
IEEE	Institute of Electrical and Electronics Engineers
IMO	International Maritime Organization
IMSA	International Municipal Signal Association
IMTS	Improved Mobile Telephone Service
INMARSAT	International Maritime Satellite Organization
INS/CECOM	Immigration and Naturalization Service/U.S. Army Communications and Electronics Command
IOC	Initial Operating Capability
IP	Internet Protocol
IPR	Intellectual Property Right
IRAC	Interdepartment Radio Advisory Council
ISC	Interoperability Subcommittee
ISO	International Standards Organization

ISTEA	Intermodal Surface Transportation Efficiency Act
ITS	Intelligent Transportation Systems
ITU	International Telecommunication Union
IVHS	Intelligent Vehicle and Highway Systems
JPEG	Joint Photographic Expert Group
JSMS	Joint Spectrum Management System
KB/S (KBPS)	Kilobytes per Second
KHz	Kilohertz
LAN	Local Area Network
LATA	Local Access Transport Area
LEO	Low Earth Orbit
LGRS	Local Government Radio Service
LMCC	Land Mobile Communications Council
LMR	Land Mobile Radio
LMS	Location and Monitoring Service
LOGIS	Local Government Information System
LPD	Low Probability of Detection
LPI	Low Probability of Intercept
MAP	Mutual Aid Plan
MARISAT	Maritime Satellite
MDT	Mobile Data Terminals
MHz	Megahertz
MMST	Metropolitan Medical Strike Team
MPEG	Motion Picture Expert Group
MPEG-1	Motion Picture Expert Group
MPEG-4	Motion Picture Expert Group
MSA	Metropolitan Statistical Area
MSC	Mobile Switching Center
MSS	Mobile Satellite Systems
MTA	Major Trading Area
MTA-NYCT	Metropolitan Transportation Authority - New York City Transit
MTBF	Mean Time Between Failure
MTSO	Mobile Telephone Switching Office
NAM	Number Assignment Module
NASNA	National Association of State Nine-One-One Administrators
NASTD	National Association of State Telecommunications Directors
NATO	North Atlantic Treaty Organization
NCIC	National Crime Information Center
NCIC-2000	National Crime Information Center Project 2000
NENA	National Emergency Number Association
NFPA	National Fire Protection Association

NIRSC	National Incident Radio Support Cache
NIST	National Institute of Standards and Technology
NITF	National Image Transfer Format
NLETS	National Law Enforcement Telecommunications System
NPR	National Performance Review
NPSPAC	National Public Safety Planning Advisory Committee
NSA	National Security Agency
NSEP	National Security and Emergency Preparedness
NSTAC	National Security Telecommunications Advisory Committee
NTIA	National Telecommunications and Information Administration
NTIAOA	National Telecommunications and Information Administration Organization Act
NTSC	National Television Systems Committee
NTSC	National Television Systems Committee
NTT	Nippon Telegraph and Telephone Corp.
NYCDoITT	New York City Department of Information, Technology, and Telecommunications
OASD	Office of the Assistant Secretary of Defense
OIC	Officer-In-Charge
OMS	Operations and Management Systems
ORBCOMM	Orbital Communications
ORSC	Operational Requirements Subcommittee
OTAR	Over The Air Rekey
PACA	Priority Access and Channel Assignment
PBX	Private Branch Exchanges
PCS	Personal Communications Services
PDA	Personal Digital Assistant
PDT	Portable Data Terminal
PLMR	Private Land Mobile Radio
PMARS	Police Mutual Aid Radio System
PMO	Program Management Office
POTS	Plain Old Telephone System
PPM	Parts Per Million
PRS	Police Radio Service
PSA	Protected Service Area
PSAM	Pilot Symbol Assisted Modulation
PSAP	Public Safety Answering Point
PSCC	Public Safety Communications Council
Ψ(psi)-CELP	Ψ (psi) Coded Excited Linear Predictive
PSRS	Public Safety Radio Services
PSTN	Public Switched Telephone Network
PSWAC	Public Safety Wireless Advisory Committee
PSWN	Public Safety Wireless Network

QPSK	Quadrature Phase Shift Keying
RACES	Radio Amateur Civil Emergency Service
RF	Radio Frequency
RMA	Ranally Metropolitan Area
RPV	Remotely Piloted Vehicle
RSA	Rural Service Area
RZ SSB	Real Zero Single Sideband
SAR	Search And Rescue
SCADA	Supervisory Control and Data Acquisition
SDO	Standards Developing Organization
SERS	Special Emergency Radio Service
SERS	Special Emergency Radio Service
SMR	Specialized Mobile Radio
SOLAS	Safety of Life at Sea
SOP	Standard Operating Procedure
SPEN	State Police Emergency Network
SRSC	Spectrum Requirements Subcommittee
SSB	Single Sideband
SWAT	Special Weapons and Tactics
TAB	Tone Above Band
T/R	Transmit/Receive
TCP/IP	Transmission Control Protocol/Internet Protocol
TCP	Transmission Control Protocol
TDD	Time Division Duplex
TDMA	Time Division Multiple Access
TESC	Technology Subcommittee
TIA	Telecommunications Industry Association
TMC	Traffic Management Center
TRSC	Transition Subcommittee
TSAR	Technical Search and Rescue
TTAB	Transparent Tone Above Band
TTIB	Transparent Tone In Band
TX	Transmit
UDP	User Datagram Protocol
UHF	Ultra High Frequency
USAR	Urban Search and Rescue
USART	Urban Search and Rescue Team; United States Search and Rescue Team
USCG	U.S. Coast Guard
USFS	U.S. Forest Service
USGS	United States Geological Service
UTAM	Unlicensed Transition and Management
UTC	Utilities Communications Council

VHF	Very High Frequency
VOCODER	Voice enCODER
VPAS	Vehicle Proximity Alerting Systems
VSAT	Very-Small Aperture
VSELP	Vector Sum Excited Linear Predictive
VTS	Vehicular Technology Society
WAPA	Western Area Power Administration
WARC	World Administrative Radio Conference
WAWAS	Washington Area Warning and Alerting System
WIM	Weight In Motion
WMATA	Washington Metropolitan Area Transit Authority