

ANNEX G

Abbreviations

G.1 AGENCY, BUREAU, AND OTHER ORGANIZATIONAL ABBREVIATIONS

This section of Annex G contains those Agency and other Organizational Name and Bureau abbreviations that will be used in the Serial Number (SER), Bureau (BUR) and Circuit Remarks (REM) fields of the GMF. (See Chapter 9, Section 9.8.2).

Agency	Bureau	Abbreviation
Agency for International Development		AID
Agriculture, Department of		A
	Animal and Plant Health Inspection Service	APHIS
	Agriculture Research Service	ARS
	Cooperative State Research Education & Extension Service	CSRE
	Farm Service Agency	FSA
	Farmers Home Administration	FHA
	Food & Nutrition Service	FNS
	Forest Service	F
	Forest Service - Region 1	F1
	Forest Service - Region 2	F2
	Forest Service - Region 3	F3
	Forest Service - Region 4	F4
	Forest Service - Region 5	F5
	Forest Service - Region 6	F6
	Forest Service - Region 8	F8
	Forest Service - Region 9	F9
	Forest Service - Region 10	F10
	Forest Service - Washington Office	FWO
	Food Safety and Inspection Service	FSIS
	Grain Inspection, Packers & Stockyards Administration	GIPS
	Natural Resources Conservation Service	NRCS
Air Force, Department of the	Office of Inspector General	OIG
	Office of the Secretary	SEC
Architect of the Capitol		AOTC
Army, Department of the		AR
	AFMO US&P	AC
	United States Army, Alaska	AK
	Army Spectrum Management Office	AR
	Corps of Engineers	CE
	Military District of Washington	DW
	Army Spectrum (Fort Meade)	FM
	AFC, State of Arizona	HU
	U.S. Army (State of Hawaii)	HW
	Satellite/Communications	SAT
	U.S. Army Pacific (does not include Hawaii)	PA
	AFC, White Sands Missile Range	WS
Administrative Office of the United States Courts		AUSC
Broadcasting Board of Governors		BBG
Commerce, Department of		C
	Bureau of Export Administration	BXA
	Census Bureau	CEN
	Oceanic and Atmospheric Research	OAR
	International Trade Administration	ITA

Agency	Bureau	Abbreviation
	Institute for Telecommunications Science	ITS
	National Institute of Standards and Technology	NIST
	National Data Buoy Center	NDBC
	National Environmental Satellite, Data, and Information Service	NESS
	National Marine Fisheries Service	NMFS
	Under Secretary's Administrative Offices	USAO
	National Ocean Service	NOS
	National Telecommunications and Information Administration	NTIA
	National Technical Information Service	NTIS
	National Weather Service	NWS
	Office of Marine and Aviation Operations	OMAO
	NOAA Homeland Security Program Office	NHSP
	Patent and Trademark Office	PAT
	Office of Security	SEC
	Office of the Secretary	OSY
Coast Guard	Operating unit identifier is listed in the XRC field	CG
	Number Coast Guard Districts 1 through 17, including sub-units.	01-17
	Numbered Coast Guard Headquarters Units	20-96
	CG Headquarters, Washington, DC	98
Central Intelligence Agency		CIA
Consumer Products Safety Commission		CPSC
Court Services and Offender Supervision		CSOS
Education, Department of		ED
	COOP/COG Activities	COOP
	Office of the Inspector General	OIG
	Office of Protective Services	OPS
Energy, Department of		DOE
	Alaska Power Administration	APA
	Albany Research Center	ARC
	Albuquerque Operations Office Amarillo Area Office Amarillo Pantex Plant Carlsbad Area Office Carlsbad Waste Isolation Pilot Project (WIPP) Dayton Area Office/Grand Junction Office Kansas City Area Office Kansas City Plant Kirtland Area Office Los Alamos Area Office Los Alamos National Lab Lovelace Respiratory Research Institute Sandia National Laboratory, California Sandia National Laboratory, New Mexico (Including all USA/USP assign.) Sandia National Laboratory, Pacific Operations Sandia National Laboratory, Tonopah Test Range, NV Tactical Security Division	AL
	Atlanta Regional Support Office Bartlesville Project Office	ARSO
	Bonneville Power Administration	BPA
	Boston Regional Support Office	BRSO
	Chicago Operations Office Ames Group Ames National Laboratory Argonne Group	CH

Agency	Bureau	Abbreviation
	Argonne National Lab, East Argonne National Lab, West Brookhaven Group Brookhaven National Lab Environmental Measurements Lab Environmental Programs Group Fermi Group Fermi National Accelerator Laboratory MIT Group New Brunswick Laboratory Princeton Group Princeton Plasma Physics Laboratory	
	Chicago Regional Support Office	CRSO
	Denver Regional Support Office	DRSO
	Federal Energy Technology Center Colorado Off-Site Support Office, Golden, Colorado Colorado Support Office, Denver, Colorado Federal Energy Technology Center North, Pittsburgh, Pennsylvania Federal Energy Technology Center South, Morgantown, West Virginia Georgia Support Office, Atlanta, Georgia Illinois Support Office, Chicago, Illinois Kansas City Remote Duty Station, Kansas City, Kansas Massachusetts Support Office, Boston, Massachusetts Montana Operations Office, Butte, Montana National Petroleum Technology Center National Renewable Energy Laboratory, Golden, Colorado National Renewable Energy Laboratory, Washington, DC New York Support Office, New York, New York Pennsylvania Support Office, Philadelphia, Pennsylvania Texas Support Office, Dallas, Texas Washington Support Office, Seattle, Washington Wyoming Operations Office, Gillette, Wyoming	FETC
	Golden Field Office Administration Division Office of Acquisition and Financial Assistance Office of Chief Counsel Office of Management and Administration Office of Laboratory Operations Office of Project Management	GFO
	Headquarters Contract Reform and Privatization Project Office Departmental Representative to the Defense Nuclear Facilities Safety Board Energy Information Administration Office of the Chief Financial Officer Office of the Chief Information Officer Office of the Civilian Radioactive Waste Management Office of Congressional and Intergovernmental Affairs Office of Counterintelligence Office of Defense Programs Office of Economic Impact and Diversity Office of Energy Efficiency and Renewable Energy Office of Environmental Management Office of Environment, Safety, and Health Office of Fissile Materials Disposition Office of Fossil Energy Office of the General Counsel Office of Hearings and Appeals	HQ

Agency	Bureau	Abbreviation
	Office of Independent Oversight and Performance Assurance Office of Inspector General Office of Intelligence Office of Internal Affairs Office of Management and Administration Office of Nonproliferation and National Security Office of Nuclear Energy, Science, and Technology Office of Public Affairs/Office of Science Office of the Secretary of Energy Advisory Board Office of Security and Emergency Operations Office of Worker and Community Transition The Office of Policy	
	Idaho Operations Office Idaho National Engineering and Environmental Laboratory INEL ESNET Connection Spectrum Support for Argonne National Laboratories Spectrum Support for Experimental Station Authorization at INEEL Spectrum Support for Fort Saint Vrain Spectrum Support for the Main M&O Contractor Spectrum Support for Naval Reactor Facility Spectrum Support for West Valley, New York	ID
	National Nuclear Security Administration Office of the Deputy Administrator for Defense Nuclear Non-proliferation Office of the Deputy Administrator for Defense Programs Office of the Deputy Administrator for Naval Reactors	NNSA
	Naval Petroleum Reserves in California Engineering Division/Planning, Analysis, and Program Division Support	NPR
	Naval Petroleum and Oil Shale Reserves in Colorado, Utah, & Wyoming	CO
	Nevada Operations Office Nevada Test Site Joint Test Operations (LANL, LLNL, SNL) Nevada Operations (Nevada Test Site & Las Vegas) Nevada Test Site Development Corp. Nevada Testing Institute, Inc. Pacific Area Operations, Honolulu, Hawaii Remote Sensing Lab, Nellis AFB, NV (Nuclear Emergency Search Team) Special Technologies Lab, Santa Barbara, CA Washington Area Measurements Operations, Washington, DC Yucca Mountain Project, NV	NV
	Oak Ridge Operations Office Cincinnati Operations Office, Cincinnati, Ohio Dallas Operations Office, Dallas, Texas East Tennessee Technology Park Laramie ETC/Oak Ridge Associated Universities Oak Ridge Institute for Science and Education Oak Ridge National Laboratory Oak Ridge Operations Environmental Management Program Oak Ridge Operations Office Federal Building Oliver Springs Area Office, Oliver Springs, Tennessee Paducah Operations Office, Paducah, Kentucky (Plant) Piketon Area Office	OR

Agency	Bureau	Abbreviation
	Portsmouth Area Office (Plant) Saint Charles Area Office Thomas Jefferson National Accelerator Facility University of Puerto Rico Weldon Springs Operations Office Y-12 Plant	
	Oakland Operations Office Lab of Structural Biology and Molecular Medicine Lawrence Berkley National Laboratory Lawrence Livermore National Laboratory Radiobiology and Environmental Health Laboratory Stanford Linear Accelerator Center	OAK
	Office of Scientific and Technical Information	OSTI
	Ohio Field Office Ashtabula Environmental Management Project Columbia Area Office/Columbus Environmental Management Project Fernald Environmental Management Project Miamisburg Environmental Management Project West Valley Project Office	OH
	Philadelphia Regional Support Office	PRSO
	Pittsburgh Naval Reactors Office Bettis Atomic Power Laboratory Idaho Branch Office	PNRO
	Pittsburgh Research Center Denver Federal Center, Denver, Colorado Spokane Research Center, Spokane, Washington	PRC
	Richland Operations Office Environmental Restoration Contractor Fast Flux Test Facility (FFTF), Standby Project Office Occupational Health Services Office of River Protection Pacific Northwest National Laboratory Project Hanford Management Contract Tank Farm Operations Tank Waste Privatization	RL
	Rocky Flats Field Office Deputy Manager Rocky Flats Environmental Technology Site	RFFO
	Savannah River Operations Office	SRO
	Schenectady Naval Reactors Office Knolls Atomic Power Laboratory	SNRO
	Seattle Regional Support Office	SRSO
	Southeastern Power Administration Office	SEPA
	Southwestern Power Administration Office Gore Area Office, Gore, Oklahoma Springfield Area Office, Springfield, Missouri	SWPA
	Strategic Petroleum Reserve Project Office	SPR
	Western Area Power Administration Corporate Services Office Desert Southwest Regional Office Rocky Mountain Regional Office Sierra Nevada Regional Office Upper Great Plains Regional Office	WAPA
	Yucca Mountain Site Characterization Office	YMSC
Equal Employment Opportunity Commission		EEOC
Environmental Protection Agency		EPA
	Office of the Administrator/Deputy Administrator	AO
	Office of Administration and Resource Management	OARM

Agency	Bureau	Abbreviation
	Office of Air and Radiation	OAR
	Office of Enforcement and Compliance Assurance	OECA
	Office of Environmental Information	OEI
	Office of the Chief Financial Officer	OCPO
	Office of General Counsel	OGC
	Office of Inspector General	OIG
	Office of International Activities	OIA
	Office of Prevention, Pesticides, and Toxic Substances	OPTS
	Office of Research and Development	ORD
	Office of Solid Waste and Emergency Response	OWER
	Office of Water	OW
Federal Aviation Administration		FAA
	Transportation System Center	TSC
	FAA Alaskan Region	AL
	FAA Central Region	CE
	FAA Eastern Region	EA
	FAA Great Lakes Region	GL
	FAA Headquarters	HQ
	FAA New England Region	NE
	FAA Northwest Mountain Region	NM
	FAA Southern Region	SO
	FAA Southwest Region	SW
	FAA Western Pacific Region	WP
Federal Communications Commission		
	Enforcement Bureau	EB
	Office of Engineering and Technology	OET
	Office of Managing Director	OMD
	Wireless Telecommunications Bureau	WTB
Federal Mediation and Conciliation Service		FMCS
Federal Deposit Insurance Corporation		FDIC
Federal Housing Finance Agency		FHFA
	Office of Inspector General	OIG
Federal Reserve System		FRS
Federal Trade Commission		FTC
General Accounting Office		GAO
Government Printing Office		GPO
General Services Administration		GSA
	General Property Resources Service	D
	Office of Federal Supply and Services	F
	Office of Inspector General	J
	Office of Information Resources Management	K
	Public Buildings Service	P
	Office of Federal Protection and Safety	PS
Health and Human Services, Department of		HHS
	Department Wide	OSDW
	Immediate Office of the Secretary	OSIO
	Office of the Inspector General	OSIG
	Office of Public Health & Science	OSEP
	Administration for Children & Families	ACF
	Centers for Disease Control & Prevention	CDC
	Centers for Medicare and Medicaid	CMS
	Food and Drug Administration	FDA
	Health Care Financing Administration	HCFA
	Health Resources and Services Administration	HRSA
	Indian Health Services	IHS

Agency	Bureau	Abbreviation
	National Institutes of Health	NIH
	Program Support Center	PSC
	Substance Abuse & Mental Health Administration	SAMH
Homeland Security, Department of		DHS
	Bureau of Citizenship and Immigration Services	CIS
	Bureau of Customs and Border Protection	CBP
	Bureau of Immigrations and Customs Enforcement	ICE
	Department Offices	DO
	Federal Emergency Management Agency	FEMA
	Federal Law Enforcement Training Center	FLTC
	Federal Protective Service	FPS
	Information Analysis and Infrastructure Protection Directorate	IAIP
	Integrated Wireless Network	IWN
	Office of Emergency Communications	OEC
	Office of the Inspector General	OIG
	Office of the Secretary	O
	Science and Technology Directorate	ST
	Transportation Security Administration	TSA
	U.S. Secret Service	S
	White House Communications Agency	D
House of Representatives		HR
Housing and Urban Development, Department of		HUD
Interior, Department of the		I
	American Samoa, Government of	A
	Geological Survey	G
	Geological Survey - Administrative	GA
	Geological Survey - Biological Resources Division	GB
	Geological Survey - Geologic Division	GG
	Geological Survey - National Mapping Division	GT
	Geological Survey - Water Resources Division	GW
	Geological Survey - Not elsewhere classified	GZ
	Bureau of Indian Affairs	I
	Bureau of Indian Affairs - Aberdeen Area	IA
	Bureau of Indian Affairs - Anadarko Area	IB
	Bureau of Indian Affairs - Billings Area	IC
	Bureau of Indian Affairs - Juneau Area	IE
	Bureau of Indian Affairs - Minneapolis Area	IF
	Bureau of Indian Affairs - Muskogee Area	IG
	Bureau of Indian Affairs - Phoenix Area	IH
	Bureau of Indian Affairs - Sacramento Area	IJ
	Bureau of Indian Affairs - Central Office (Washington, DC)	IK
	Bureau of Indian Affairs - Law Enforcement	IL
	Bureau of Indian Affairs - Albuquerque Area	IM
	Bureau of Indian Affairs - Navajo Area	IN
	Bureau of Indian Affairs - Portland Area	IP
	Bureau of Indian Affairs - Eastern Area	IS
	Bureau of Indian Affairs - Joint use area	IW
	Bureau of Indian Affairs - Not elsewhere classified	IZ
	Bureau of Land Management	L
	Bureau of Land Management - Washington Office	LWO
	Bureau of Land Management - Alaska	LAK
	Bureau of Land Management - Arizona	LAZ
	Bureau of Land Management - California	LCA
	Bureau of Land Management - Colorado	LCO
	Bureau of Land Management - Idaho	LID
	Bureau of Land Management - Montana	LMT

Agency	Bureau	Abbreviation
	Bureau of Land Management - Nevada	LNV
	Bureau of Land Management - New Mexico	LNM
	Bureau of Land Management - Oregon	LOR
	Bureau of Land Management - Utah	LUT
	Bureau of Land Management - Wyoming	LWY
	Bureau of Land Management - Eastern States	LESO
	Bureau of Land Management - Denver Federal Center	LDFC
	Bureau of Land Management - National Training Center (PHX)	LNTC
	Bureau of Land Management - National Fire Center (Boise)	LNFC
	Minerals Management Service	MMS
	Office of the Secretary	O
	Aircraft Management Division	OAS
	Office of Surface Mining	OSM
	National Park Service	P
	National Park Service - Alaska Region	PAK
	National Park Service - Intermountain Region	PIM
	National Park Service - Northeast Region	PNE
	National Park Service - Midwest Region	PMW
	National Park Service - National Capital Field Area	PNC
	National Park Service - Pacific West Region	PPW
	National Park Service - Southeast Region	PSE
	National Park Service – Unites States Park Police	PPP
	National Park Service - Not elsewhere classified	PZZ
	Bureau of Reclamation	R
	Bureau of Reclamation - Great Plains	RGP
	Bureau of Reclamation - Lower Colorado	RLC
	Bureau of Reclamation - Mid-Pacific	RMP
	Bureau of Reclamation - Pacific Northwest	RPN
	Bureau of Reclamation - Upper Colorado	RUC
	Bureau of Reclamation - Not elsewhere classified	RZZ
	U.S. Fish and Wildlife Service	S
	GUM, HI, ID, MDW, OR, PAC, WA	S1
	AZ, NM, OK, TX	S2
	IA, IL, IN, MI, MN, MO, OH, WI	S3
	AL, AR, FL, GA, KY, LA, MS, NC, SC, TN, PR, VI	S4
	CT, DE, DC, ME, MD, MA, NH, NJ, NY, PA, RI, VT, VA, WV	S5
	CO, KS, MT, NE, ND, SD, UT, WY	S6
	AK	S7
	CA, NV	S8
	Not elsewhere classified	S9
	Trust Territory of the Pacific Islands, Government of the (including Government of the Northern Marianas)	T
International Trade Commission		ITC
International Boundary and Water Commission, U.S. and Mexico (U.S. Section)		IBWC
Justice, Department of		J
	Alcohol, Tobacco, Firearms and Explosives	A
	Bureau of Prisons	BP
	Drug Enforcement Administration	D
	Federal Bureau of Investigation	FB
	Immigration and Naturalization Service	IN
	Integrated Wireless Network	IWN
	Justice Management Division	JMD
	Justice-Wide (including Offices, Boards, and Divisions of the	JW

Agency	Bureau	Abbreviation
	Department)	
	Justice Wireless Network	JWN
	U.S. Marshals Service	M
Labor, Department of		L
Library of Congress		LC
National Aeronautics and Space Administration		NASA
	Ames Research Center	ARC
	Dryden Flight Research Center	DFRC
	Glenn Research Center	GRC
	Goddard Space Flight Center	GSFC
	NASA Headquarters	HQS
	Jet Propulsion Laboratory	JPL
	Johnson Space Center	JSC
	Kennedy Space Center	KSC
	Langley Research Center	LARC
	Marshall Space Flight Center	MSFC
	Stennis Space Center	SSC
	Wallops Flight Facility	WFF
	White Sands Test Facility	WSTF
National Archives and Records Administration		NARA
National Endowment for the Arts		NEA
National Gallery of Art		NGAL
National Geospatial-Intelligence Agency		NGA
National Labor Relations Board		NLRB
National Security Agency		NS
National Science Foundation		NSF
	Kitt Peak National Observatory	KPNO
	National Astronomy and Ionosphere Center	NAIC
	National Center for Atmospheric Research	NCAR
	National Radio Astronomy Observatory	NRAO
	Sacramento Peak Observatory	SPO
Navy, Department of the (U.S. Navy)		N
	United States Navy	USN
	United States Naval Research Laboratory	NRL
Navy, Department of the (U.S. Marine Corps)		MC
	United States Marine Corps	USMC
Nuclear Regulatory Commission		NRC
Office of Personnel Management		OPM
Securities and Exchange Commission		SEC
Senate, U.S.		SEN
Small Business Administration		SBA
	Office of the Inspector General	G
Smithsonian Institution		SI
Social Security Administration		SSA
State, Department of		S
	Bureau of Economic and Business Affairs	EB
	Bureau of Information Resource Management	IRM
	Office of Foreign Missions	OFM
Supreme Court		SC
Tennessee Valley Authority		TVA

Transportation, Department of		TRAN
	Department Wide (less Federal Aviation Administration (FAA) and Transportation Systems Center (TSC))	DW
	Federal Highway Administration	H
	Federal Motor Carrier Safety Administration	FMC
	Federal Railroad Administration	R
	Federal Transit Administration	FTA
	Maritime Administration	MAR
	National Highway Traffic Safety Administration	T
	National Transportation Safety Board	NB
	Office of the Secretary	OS
	Pipeline and Hazardous Material Safety Administration	PHMS
	Railroad Technology Test Center	RATC
	Research and Innovative Technology Administration	RITA
	Research and Special Programs Administration	RSPA
	St. Lawrence Seaway Development Corporation	SL
Treasury, Department of the		T
	Departmental Offices	DO
	Bureau of Engraving and Printing (BEP)	BEP
	Bureau of Fiscal Service	FS
	Treasury Inspector General for Tax Administration (TIGTA)	IGTA
	IRS Criminal Investigations Division (IRS-CID)	IRCI
	Internal Revenue Service (IRS) Facilities	IRF
	Integrated Wireless Network	IWN
	US Mint	M
	Office of the Inspector General	OIG
	Office of the Secretary	O
	Troubled Asset Relief Program	TARP
	Alcohol and Tobacco Tax and Trade Bureau	TTB
U.S. Capitol Police		USCP
U.S. Chemical Safety Hazard Investigations Board		CSB
U.S. Court of International Trade		CIT
U.S. Peace Corps		USPC
U.S. Postal Service		USPS
	Postal Inspection Service	IS
	Mail Processing and Distribution	MAIL
	National Network Service Center	NET
	National Systems Development	NSD
	Office of the Inspector General	OIG
	Security	SEC
U.S. Trade and Development Agency		TDA
U.S. Trade Representative		USTR
Veterans Affairs, Department of		VA
	National Cemetery Administration	NCA
	Office of Inspector General	OIG
	VA Central Office	VACO
	Veterans Benefits Administration	VBA
	Veterans Health Administration	VHA

G.1.1 Other Organizational Abbreviations

These abbreviations identify records which are recorded in the GMF for spectrum management and analysis purposes.

Organization	Abbreviation
CANADA	CAN
FEDERATED STATES OF MICRONESIA	FSM
MEXICO	MEX
NON-GOVERNMENT	NG
NON-GOVERNMENT RECORDS (70/80/90 GHz)	NGR
REPUBLIC OF PALAU	RP
REPUBLIC OF THE MARSHALL ISLANDS	RMI

G.2 GEOGRAPHICAL ABBREVIATIONS

This section of Annex G contains those abbreviations that will be used in the Transmitter and Receiver State/Country fields (XSC/RSC) of the GMF. (See Section 9.8.2)

G.2.1 United States (50 United States and the District of Columbia)

AK	Alaska
AL	Alabama
AR	Arkansas
AZ	Arizona
CA	California
CO	Colorado
CT	Connecticut
DC	District of Columbia
DE	Delaware
FL	Florida
GA	Georgia
HI	Hawaii
IA	Iowa
ID	Idaho
IL	Illinois
IN	Indiana
KS	Kansas
KY	Kentucky
LA	Louisiana
MA	Massachusetts
MD	Maryland
ME	Maine
MI	Michigan
MN	Minnesota
MO	Missouri
MS	Mississippi
MT	Montana
NC	North Carolina
ND	North Dakota
NE	Nebraska
NH	New Hampshire

NJ	New Jersey
NM	New Mexico
NV	Nevada
NY	New York
OH	Ohio
OK	Oklahoma
OR	Oregon
PA	Pennsylvania
RI	Rhode Island
SC	South Carolina
SD	South Dakota
TN	Tennessee
TX	Texas
UT	Utah
VA	Virginia
VT	Vermont
WA	Washington
WI	Wisconsin
WV	West Virginia
WY	Wyoming

G.2.2 United States Territories and Possessions

Caribbean Area

-	Navassa Island
PR	Commonwealth of Puerto Rico (including Culebra, Mona, and Vieques)
-	Quita Sueno Bank
-	Roncador Bank (Roncador Cay)
-	Serrana Bank (North Cay, Southwest Cay, Northwest Rocks, Dry Ledge)
-	Serranilla Bank (West Breaker, Beacon Cay)
VI	Virgin Islands (St. Croix, St. John, St. Thomas)

Pacific Area

-	Baker Island
GUM	Guam
HWL	Howland Island
JAR	Jarvis Island
JON	Johnston Island (including Sand Island) Kingman Reef
MDW	Midway (Includes Eastern and Sand Islands)
MRA	(except Guam) Commonwealth of Northern Mariana Islands (Formerly Ladrone Islands) (Agrihan, Aguijan, Alamagan, Anatahan, Asuncion, Guguan, Maug, Medinilla, Pagan, Farallon de Pajaros, Rota, Saipan, Sarigan, and Tinian)
PLM	Palmyra Island (Some 50 islands make up the Atoll of Palmyra)
SMA	American Samoa (Aunuu, Manua Group [or Islands, i.e., Ofu, Olosega, Tau], Rose Island, Swains Island, Tutuila)
WAK	Wake Island

G.2.3 Area and Other Abbreviations

AFR	Africa
ANTR	Antarctica
ARCO	Arctic Ocean
ASIA	Continent of Asia
CAM	Central America
CBN	Caribbean
EUR	Europe
FE	Far East (Countries of China, Japan, Korea, Thailand, Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Vietnam and East India)
GLM	Gulf of Mexico
GTLK	Great Lakes (collectively)
INDO	Indian Ocean
LAM	Latin America
LANT	Atlantic Ocean
LERI	Lake Erie
LHUR	Lake Huron
LMIC	Lake Michigan
LONT	Lake Ontario
LSUP	Lake Superior
MED	Mediterranean Sea
MDE	Middle East
OCNA	Oceania
PAC	Pacific Ocean
RCVR	Restricted for use only in Passive Sensor and Radio Astronomy listings
SEA	Southeast Asia
SPCE	Space

US	For US only when transmitting and/or receiving in all 50 United States and the District of Columbia
USA	For use only when transmitting and/or receiving in the 48 Contiguous States of the United States and the District of Columbia (This Excludes Alaska and Hawaii)
USP	For use only when transmitting and/or receiving throughout the US (50 States and District of Columbia), the Commonwealth of Puerto Rico, and the Territories and Possessions (does not include the former Trust Territory of the Pacific Islands)
XXXX	See Section 9.8.2, paragraph 21.b

G.2.4 Country Abbreviations

ABW	Aruba
AFG	Afghanistan (Islamic State of)
AFS	South Africa (Republic of)
AGL	Angola (Republic of)
AIA	Anguilla
ALB	Albania (Republic of)
ALG	Algeria (People's Democratic Republic of)
ALS	Alaska (not for use in GMF; for ITU use only)
AMS	Saint Paul and Amsterdam Islands
AND	Andorra (Principality of)
AOE	Western Sahara
ARG	Argentine Republic
ARM	Armenia (Republic of)
ARS	Saudi Arabia (Kingdom of)
ASC	Ascension
ATA	Antarctic
ATG	Antigua and Barbuda
ATN	Netherlands Antilles
AUS	Australia
AUT	Austria
AZE	Azerbaijani Republic
AZR	Azores
B	Brazil (Federative Republic of)
BAH	Bahamas (Commonwealth of the)
BDI	Burundi (Republic of)
BEL	Belgium
BEN	Benin (Republic of)
BER	Bermuda
BFA	Burkina Faso
BGD	Bangladesh (People's Republic of)
BGR	Bulgaria
BHR	Bahrain (State of)
BIH	Bosnia & Herzegovina (Republic of)
BIO	British Indian Ocean Territory
BLR	Belarus (Republic of)
BLZ	Belize

BOL	Bolivia (Republic of)	G	United Kingdom of Great Britain and Northern Ireland
BOT	Botswana (Republic of)	GAB	Gabonese Republic
BRB	Barbados	GCA	Territories of the United Kingdom in Region 1
BRU	Brunei Darussalam	GCC	Territories of the United Kingdom in Region 3
BTN	Bhutan (Kingdom of)	GDL	Guadeloupe (French Department of)
CAF	Central African Republic	GEO	Georgia (Republic of)
CAN	Canada	GHA	Ghana
CAR	Caroline Islands	GIB	Gibraltar
CBG	Cambodia (Kingdom of)	GMB	Gambia (Republic of the)
CHL	Chile (except Easter Island)	GNB	Guinea-Bissau (Republic of)
CHN	China (People's Republic of)	GNE	Equatorial Guinea (Republic of)
CHR	Christmas Island (Indian Ocean)	GRC	Greece
CKH	Cook Islands	GRD	Grenada
CLM	Colombia (Republic of)	GRL	Greenland
CLN	Sri Lanka (Democratic Socialist Republic of)	GTM	Guatemala (Republic of)
CME	Cameroon (Republic of)	GUF	Guiana (French Department of)
CNR	Canary Islands	GUI	Guinea (Republic of)
COD	Democratic Republic of the Congo	GUM	Guam
COG	Congo (Republic of the)	GUY	Guyana
COM	Comoros (Islamic Federal Republic of the)		
CPV	Cape Verde (Republic of)	HKG	Hong Kong
CRO	Crozet Archipelago	HND	Honduras (Republic of)
CTI	Cote d'Ivoire (Republic of)	HNG	Hungary (Republic of)
CTR	Costa Rica	HRV	Croatia (Republic of)
CUB	Cuba	HTI	Haiti (Republic of)
CVA	Vatican City State	HWA	Hawaii (not for use in GMF; for ITU use only)
CYM	Cayman Islands		
CYP	Cyprus (Republic of)	I	Italy
CZE	Czech Republic	ICO	Cocos Keeling Islands
D	Germany (Federal Republic of)	IND	India (Republic of)
DGA	Diego Garcia	INS	Indonesia (Republic of)
DJI	Djibouti (Republic of)	IRL	Ireland
DMA	Dominica (Commonwealth of)	IRN	Iran (Islamic Republic of)
DNK	Denmark	IRQ	Iraq (Republic of)
DOM	Dominican Republic	ISL	Iceland
E	Spain	ISR	Israel (State of)
EGY	Egypt (Arab Republic of)	J	Japan (includes Iwo Jima, Marcus Island, Ryu Kyu Islands)
EQA	Ecuador	JMC	Jamaica
ERI	Eritrea	JON	Johnston Island
EST	Estonia (Republic of)	JOR	Jordan (Hashemite Kingdom of)
ETH	Ethiopia		
F	France	KAZ	Kazakhstan (Republic of)
FJI	Fiji (Republic of)	KEN	Kenya (Republic of)
FLK	Falkland Islands (Malvinas)	KER	Kerguelen Islands
FIN	Finland	KGZ	Kyrgyz Republic
FRO	Faroe Islands	KIR	Kiribati (Republic of)
FSM	Micronesia (Federated States of) (Kapingamarangi, Kosrae, Lamotrek, Namonuito, Nukuoro, Oroluk, Pohnpei, Truk, Ulithi, Woleai, Yap)	KNA	Saint Kitts and Nevis (Federation of)
		KOR	Korea (Republic of)

KRE	Democratic People's Republic of Korea	NPL	Nepal
KWT	Kuwait (State of)	NRU	Nauru (Republic of)
		NZL	New Zealand
LAO	Lao People's Democratic Republic		
LBN	Lebanon	OCE	French Polynesia
LBR	Liberia (Republic of)	OMA	Oman (Sultanate of)
LBY	Libya (Socialist People's Libyan Arab Jamahiriya)	PAK	Pakistan (Islamic Republic of)
LCA	Saint Lucia	PAQ	Easter Island (Chile)
LIE	Liechtenstein (Principality of)	PHL	Philippines (Republic of the)
LSO	Lesotho (Kingdom of)	PHX	Phoenix Islands
LTU	Lithuania (Republic of)	PLM	Palmyra Island (some 50 islands make up the Atoll of Palmyra)
LUX	Luxembourg	PLW	Palau (Republic of)
LVA	Latvia (Republic of)	PNG	Papua New Guinea
MAC	Macao	PNR	Panama (Republic of)
MAU	Mauritius (Republic of)	POL	Poland (Republic of)
MCO	Monaco (Principality of)	POR	Portugal
MDA	Moldova (Republic of)	PRG	Paraguay (Republic of)
MDG	Madagascar (Democratic Republic of)	PRU	Peru
MDR	Madeira	PTC	Pitcairn Island
MDW	Midway Islands	PTR	Puerto Rico (including Culebra, Mona, and Vieques) (not for use in GMF; for ITU use only)
MEX	Mexico		
MHL	Marshall Islands (Republic of the) (Ailinglapalap, Arno, Ebeye, Enewetak, Jaluit, Kwajalein, Majuro, Mili, Roi- Namur, Rongelap)	QAT	Qatar (State of)
MKD	Macedonia (Republic of) (The Former Yugoslav Republic of Macedonia)	REU	Reunion (French Department of)
MLA	Malaysia	ROD	Rodriguez
MLD	Maldives (Republic of)	ROU	Romania
MLI	Mali (Republic of)	RUS	Russian Federation
MLT	Malta	RRW	Rwandese Republic
MMR	Myanmar		
MNE	Montenegro	S	Sweden
MNG	Mongolian People's Republic	SCN	Saint Christopher and Nevis
MOZ	Mozambique (Republic of)	SDN	Sudan (Republic of the)
MRA	Mariana Islands (except Guam)	SEN	Senegal (Republic of)
MRC	Morocco (Kingdom of)	SEY	Seychelles (Republic of)
MRN	Marion Island	SHN	Saint Helena
MRT	Martinique (French Department of)	SLM	Solomon Islands
MSR	Montserrat	SLV	El Salvador (Republic of)
MTN	Mauritania (Islamic Republic of)	SMA	American Samoa
MWI	Malawi	SMO	Western Samoa (Independent State of)
MYT	Mayotte Island	SMR	San Marino (Republic of)
		SNG	Singapore (Republic of)
NCG	Nicaragua	SOM	Somali Democratic Republic
NCL	New Caledonia	SPM	Saint Pierre and Miquelon (French Department of)
NFK	Norfolk Island	SRB	Serbia
NGR	Niger (Republic of the)	STP	Sao Tome and Principe (Democratic Republic of)
NIG	Nigeria (Federal Republic of)		
NIU	Niue Island	SUI	Switzerland (Confederation of)
NLD	Netherlands (Kingdom of)	SUR	Suriname (Republic of)
NMB	Namibia (Republic of)	SVK	Slovak Republic
NOR	Norway	SVN	Slovenia (Republic of)

SWN	Swan Islands	URG	Uruguay (Eastern Republic of)
SWZ	Swaziland (Kingdom of)	USA	The 48 contiguous States of the United States of America and the District of Columbia (excludes the States of Alaska and Hawaii)
SYR	Syrian Arab Republic	UZB	Uzbekistan (Republic of)
TCA	Turks and Caicos Islands	VCT	St. Vincent and the Grenadines
TCD	Chad (Republic of)	VEN	Venezuela (Republic of)
TGO	Togolese Republic	VIR	United States Virgin Islands (St. Croix, St. John, St. Thomas) (not for use in GMF; for ITU use only)
THA	Thailand	VRG	British Virgin Islands
TKL	Tokelau Islands	VTN	Viet Nam (Socialist Republic of)
TJK	Tajikistan (Republic of)	VUT	Vanuatu (Republic of)
TKM	Turkmenistan	WAK	Wake Island
TLS	Timor-Leste (Democratic Republic of)	WAL	Wallis and Futuna Islands
TON	Tonga (Kingdom of)	YEM	Yemen (Republic of)
TRC	Tristan da Cunha	ZMB	Zambia (Republic of)
TRD	Trinidad and Tobago	ZWE	Zimbabwe (Republic of)
TUN	Tunisia		
TUR	Turkey		
TUV	Tuvalu		
TZA	Tanzania (United Republic of)		
UAE	United Arab Emirates		
UGA	Uganda (Republic of)		
UKR	Ukraine		

G.3 AREAS, DIVISIONS, AND DISTRICTS WITHIN THE CONTERMINOUS UNITED STATES

This section of Annex G contains descriptions and/or maps of certain areas, divisions and districts within the Conterminous United States, which appear in the GMF. (Note: The FAA and FEMA maps are exceptions as they show overseas areas.)

G.3.1 Corps of Engineers Divisions and Districts (no description-see Figure 1)

G.3.2 Tennessee Valley Authority Area (see Figure 2)

The area bounded on the west by the Mississippi River, on the north by the parallel of latitude 37°30'N, and on the east and south by that arc of the circle with center at Springfield, Illinois, and radius equal to the airline distance between Springfield, Illinois, and Montgomery, Alabama, subtended between the foregoing west and north boundaries.

G.3.3 Coast Guard Areas and Districts (see Figure 3)

Atlantic Area 1st, 5th, 7th, 8th and 9th Districts.

Pacific Area 11th, 13th, 14th and 17th Districts.

1st District Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York except that part north of 42°N and West of 74°39'W; that part of New Jersey north of 39°57'N, east of 74°27'W and northeast of a line from 39°57'N West to the New York, New Jersey and Pennsylvania boundaries at Tristate.

5th District Delaware, Maryland, Virginia, District of Columbia, North Carolina, that portion of New Jersey south of 39°57'N, west of 74°27'W and south of a line extending northwesterly from 39°57'N, 74°27'W to the New York, New Jersey and Pennsylvania boundaries at Tristate.

7th District South Carolina; and Florida and Georgia, except that part of Florida and Georgia west of a line from the intersection of the Florida coast with longitude 83°50'W due north to a position 30°15'N 83°50'W, thence due west to a position 30°15'N 84°45'W, thence due north to the intersection with the south shore of Jim Woodruff Reservoir, thence along the east bank of the Jim Woodruff Reservoir and the east of the Flint River up

stream to Montezuma, Georgia, thence to West Point, Georgia.

8th District Wyoming, Colorado, New Mexico, Texas, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Arkansas, Louisiana, Mississippi, Alabama, Missouri, Iowa, West Virginia, Kentucky, Tennessee, and; Pennsylvania south of latitude 41° N and west of longitude 79° W; those parts of Ohio and Indiana south of latitude 41°N; Illinois, except that part north of latitude 41°N and east of longitude 90°W; Wisconsin south of latitude 46°20' N and west of longitude 90° W; Minnesota south of latitude 46°20'N and that part of Florida and Georgia west of a line from the intersection of the Florida coast with longitude 83°50'W due north to a position 30°15'N 83°50'W; thence due west to a position 30°15'N 84°45'W; thence due north to the intersection with the south shore of Jim Woodruff Reservoir; thence along the east bank of the Jim Woodruff Reservoir and the east bank of the Flint River up stream to Montezuma, Georgia; thence to West Point, Georgia.

9th District Michigan; New York north of latitude 42°N and west of longitude 74°39'W; Pennsylvania north of latitude 41°N and west of longitude 79°W; those parts of Ohio and Indiana north of latitude 41°N; Illinois north of latitude 41°N and east of longitude 90°W; Wisconsin except that part south of latitude 46°20'N and west of longitude 90°W; and Minnesota north of latitude 46°20'N.

11th District California, Nevada, Arizona, and Utah.

13th District Washington, Oregon, Idaho, and Montana.

14th District Hawaii.

17th District Alaska.

G.3.4 Navy-Marine Corps MARS Regions (see Figure 4)

Region One -- Connecticut, Delaware, Massachusetts, Maine, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont.

Region Two -- Alabama, District of Columbia, Florida, Georgia, Kentucky, Maryland, Mississippi, North Carolina, Puerto Rico, South Carolina, Tennessee, Virginia, West Virginia.

Region Three -- Arkansas, Louisiana, New Mexico, Oklahoma, Texas.

Region Four -- Colorado, Iowa, Illinois, Indiana, Kansas, Michigan, Minnesota, Missouri, North Dakota, Nebraska, South Dakota, Wisconsin, Wyoming.

Region Five -- Arizona, California, Nevada, Utah.

Region Seven -- Alaska, Idaho, Montana, Oregon, Washington.

Region Eight -- Hawaii, Pacific Area U.S. Territories.

G.3.5 Army Areas (see Figure 5)

ARA1 - (States of Alabama, Connecticut, Delaware, Florida, Georgia, Kentucky, Maine, Maryland (less certain area which are included in the Military District of Washington), Massachusetts, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia (less certain areas which are included in the Military District of Washington), and West Virginia).

ARA5 - (Arkansas, Illinois, Indiana, Iowa, Kansas, Louisiana, Michigan, Minnesota, Missouri, Nebraska, Ohio, Oklahoma, Texas (less Fort Bliss), and Wisconsin).

ARA6 - (California, Colorado (less the area west of 108 deg. West), Idaho, Oregon, Montana, Nevada, North Dakota, South Dakota, Utah (less the area east of 111 deg. West), Washington, Wyoming).

G.3.6 Army Frequency Coordination Areas (see Figure 6)

AFMO US&P - Alabama, Alaska, Arkansas, California, Colorado (less the area west of 108° West), Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland (less certain areas which are included in the Military District of Washington), Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas (less Fort Bliss and US Territory within 240 kilometers radius of White Sands Missile Range), Utah (less the area east of 111°West), Vermont, Virginia (less certain areas which are included in the Military District of Washington), Washington, West Virginia, Wisconsin, and Wyoming; Puerto Rico and the Virgin Islands.

Military District of Washington (Headquarters: Washington, DC)-District of Columbia, counties of Arlington, Fairfax (less Fort Belvoir, but including Davison AAF), and City of Alexandria in the state of Virginia, and counties of Montgomery and Prince Georges in the state of Maryland.

State of Arizona, Fort Huachuca, Arizona-Arizona.

White Sands Missile Range, New Mexico-New Mexico, U.S. territory within a 240 kilometer radius of WSMR (includes Fort Bliss, Texas), plus the area of Utah and Colorado that lies between 108° and 111°W.

G.3.7 FAA Regions (see Figure 7)

The FAA Regional Boundaries map, which includes regions outside the conterminous United States, is contained herein for information. The names of the regions do not appear in the list of Frequency Assignments to Federal Radio Stations.

G.3.8 NRC Regions (see Figure 8)

Region I-Headquarters at King of Prussia, PA, Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont.

Region II-Headquarters at Atlanta, GA, Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, West Virginia.

Region III-Headquarters at Glen Ellyn, IL,

Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, Wisconsin.

Region IV-Headquarters at Arlington, TX, Arkansas, Colorado, Idaho, Kansas, Louisiana, Montana, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, Utah, Wyoming.

Region V-Headquarters at Walnut Creek, CA, Arizona, California, Nevada, Oregon, Washington.

G.3.9 FEMA Regions (see Figure 9)

Region I-Headquarters at Boston, MA, and underground Federal Response Center (FRC) at Maynard, MA; includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Region II-Headquarters at New York, N.Y.; includes New Jersey, New York, Puerto Rico, and the Virgin Islands.

Region III-Headquarters at Philadelphia, PA; includes Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, and West Virginia.

Region IV-Headquarters at Atlanta, GA, and underground Federal Response Center (FRC) at Thomasville, GA; includes Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

Region V-Headquarters at Chicago, IL; includes Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

Region VI-Headquarters and underground Federal Response Center (FRC) at Denton, TX; includes Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

Region VII-Headquarters at Kansas City, MO; includes Iowa, Kansas, Missouri, and Nebraska.

Region VIII-Headquarters and underground Federal Response Center (FRC) at Denver, CO; includes Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.

Region IX-Headquarters at San Francisco, CA; includes Arizona, California, Hawaii, Nevada, American Samoa, Guam, Commonwealth of the Northern Mariana Islands, and the Federated States of Micronesia.

Region X-Headquarters and underground Federal Response Center (FRC) at Bothell, WA; includes Alaska, Idaho, Oregon, and Washington.

G.3.10 EPA Regions (see Figure 10)

Region I-Headquarters at Boston, MA, Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont.

Region II-Headquarters at New York, N.Y. New Jersey, New York, Puerto Rico, Virgin Islands.

Region III-Headquarters at Philadelphia, PA, Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia.

Region IV-Headquarters at Atlanta, GA, Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee.

Region V-Headquarters at Chicago, IL, Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin.
 Region VI-Headquarters at Dallas, TX, Arkansas, Louisiana, New Mexico, Oklahoma, Texas.
 Region VII-Headquarters at Kansas City, KS, Iowa, Kansas, Missouri, Nebraska.
 Region VIII-Headquarters at Denver, CO, Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming.
 Region IX-Headquarters at San Francisco, CA, Arizona, California, Nevada, Hawaii, Guam, American Samoa.
 Region X-Headquarters at Seattle, WA, Idaho, Oregon, Washington, Alaska.

G.3.11 GSA Regions (see Figure 11)

Region I-Headquarters at Boston, MA includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Region II-Headquarters at New York, NY includes: New Jersey, New York, Puerto Rico, and Virgin Islands.

Region III-Headquarters at Philadelphia, PA includes: Delaware, Maryland, Pennsylvania, Virginia, and West Virginia.

Region IV-Headquarters at Atlanta, GA includes: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

Region V-Headquarters at Chicago, IL includes: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

Region VI-Headquarters at Kansas City, MS includes: Iowa, Kansas, Missouri, and Nebraska.

Region VII-Headquarters at Forth Worth, TX includes: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

Region VIII-Headquarters at Denver, CO includes: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.

Region IX-Headquarters at San Francisco, CA includes: American Samoa, Arizona, California, Guam, Hawaii, and Nevada.

Region X-Headquarters at Auburn WA includes: Alaska, Idaho, Oregon, and Washington. National Capital Region Headquarters in Washington, DC includes: the District of Columbia, Montgomery and Prince Georges counties in Maryland, Arlington, Alexandria, Fairfax, Loudon, and Prince William in Virginia.

G.3.12 USAF MARS Regions (see Figure 12)

Area	Regions
Northeast	I, II, III
Southeast	IV
North Central	V, VII
South Central	VI
Northeast	VIII, X
Southwest	IX

Region	States
I or 1	CT, MA, ME, NH, RI, VT
II or 2	NJ, NY
III or 3	DE, MD (including DC) PA, VA, WV
IV or 4	AL, FL (including PR, VI), GA, KY, MS, NC, TN, SC
V or 5	IL, IN, MI, MN, OH, WI
VI or 6	AR, LA, NM, OK, TX
VII or 7	IA, KS, MO, NE
VIII or 8	CO, MT, ND, SD, WY, UT
IX or 9	AZ, CA, NV, HI, GUM and Pacific Islands
X or 10	AK, ID, OR, WA

G.3.13 VA National Cemetery System Memorial Service Networks (MSN) by State

MSN 1-Maine, Vermont, New Hampshire, Connecticut, Rhode Island, Massachusetts, Pennsylvania, New Jersey, New York, Maryland, Delaware, Northern 4/5th of Virginia, West Virginia.

MSN 2-Arkansas, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Louisiana, Florida, Puerto Rico, Southern 1/5th of Virginia along the North Carolina border.

MSN 3-North Dakota, Montana, South Dakota, Wyoming, Nebraska, Colorado, Kansas, Oklahoma, New Mexico, Texas.

MSN 4-Michigan, Minnesota, Wisconsin, Iowa, Illinois, Indiana, Missouri, Ohio, Kentucky.

MSN 5-Washington, Oregon, Idaho, Nevada, Utah, California, Arizona, Alaska, Hawaii.

G.3.14 VA Health Administration Integrated Service Network by (VISN) by Boundaries (see Figure 13)

VISN 1	Maine, Vermont, New Hampshire, Connecticut, Rhode Island, Massachusetts.	VISN 15	Southern Indiana, Southern Illinois, Missouri, Kansas.
VISN 2	Upper New York State.	VISN 16	Mississippi, Louisiana, Arkansas, East Texas, Oklahoma.
VISN 3	Lower New York State. New York City.	VISN 17	Central Texas.
VISN 4	Pennsylvania.	VISN 18	West Texas, New Mexico, Arizona
VISN 5	Delaware, Maryland.	VISN 19	Colorado, Utah, Wyoming, Montana.
VISN 6	Virginia, North Carolina.	VISN 20	Idaho, Washington, Oregon
VISN 7	South Carolina, Georgia, Alabama.	VISN 21	Northern Nevada, Northern California.
VISN 8	Florida.	VISN 22	Southern Nevada, Southern California.
VISN 9	Tennessee, Kentucky, West Virginia.	VISN 23	Nebraska, Iowa, North Dakota, South Dakota, Minnesota.
VISN 10	Ohio.		
VISN 11	Northern Indiana, Michigan.		
VISN 12	Northern Illinois, Wisconsin.		

Figure 1: Corps of Engineers

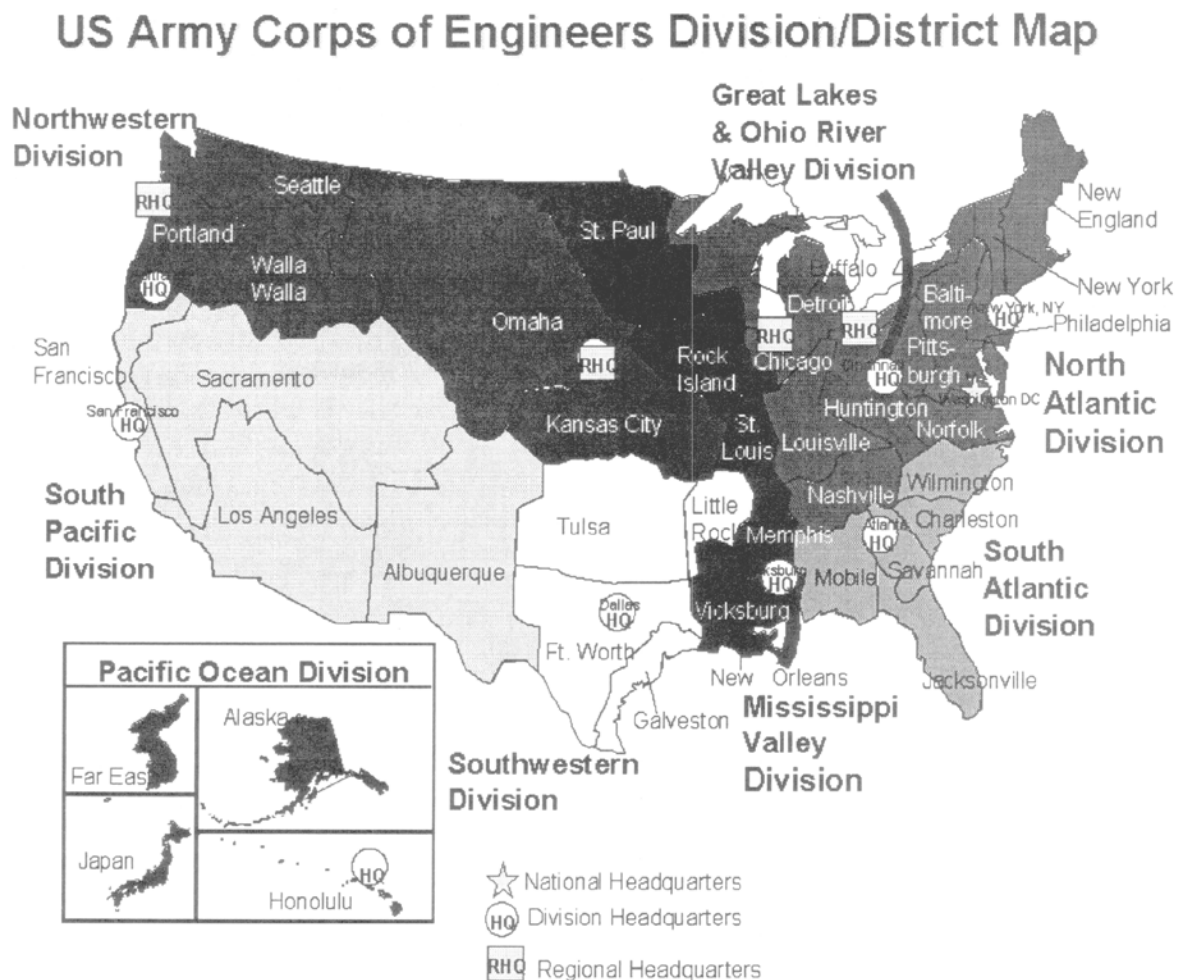


Figure 2: Tennessee Valley Authority

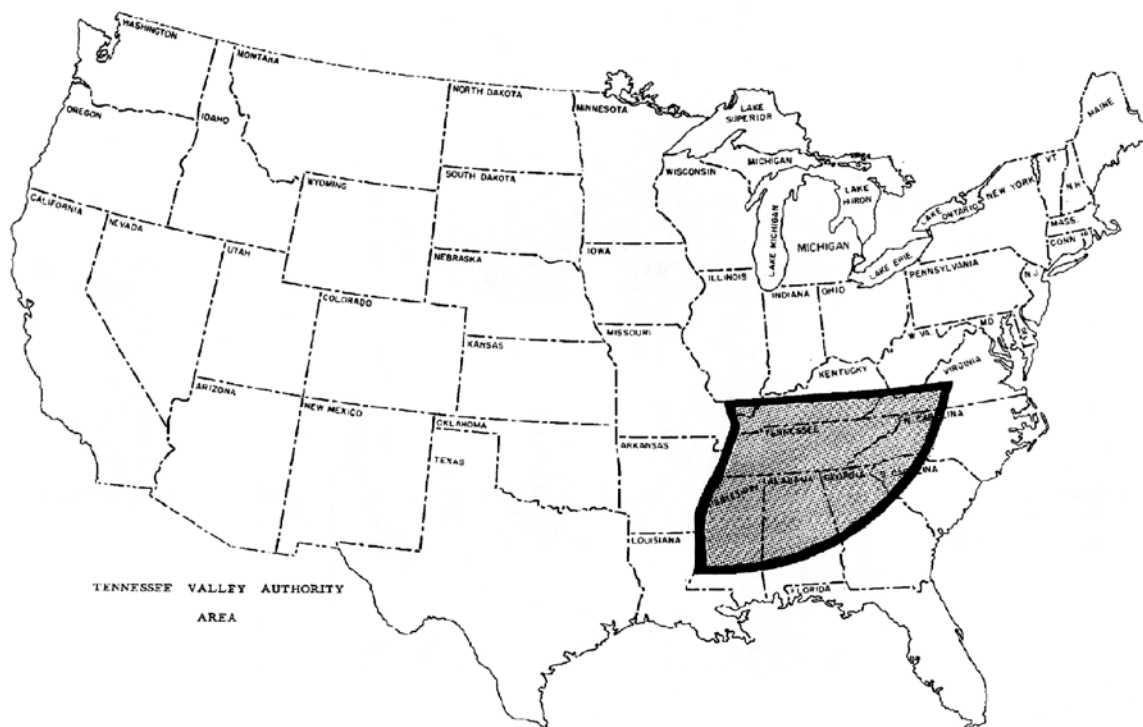


Figure 3: Coast Guard Districts

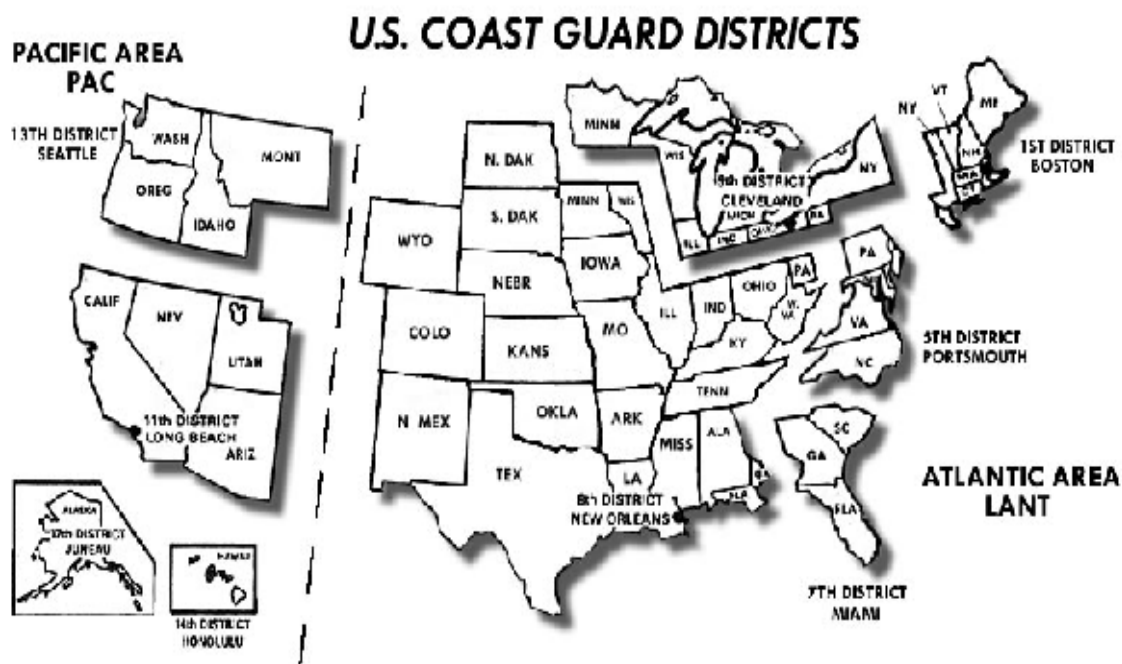


Figure 4: Navy-Marine Corps MARS Regions

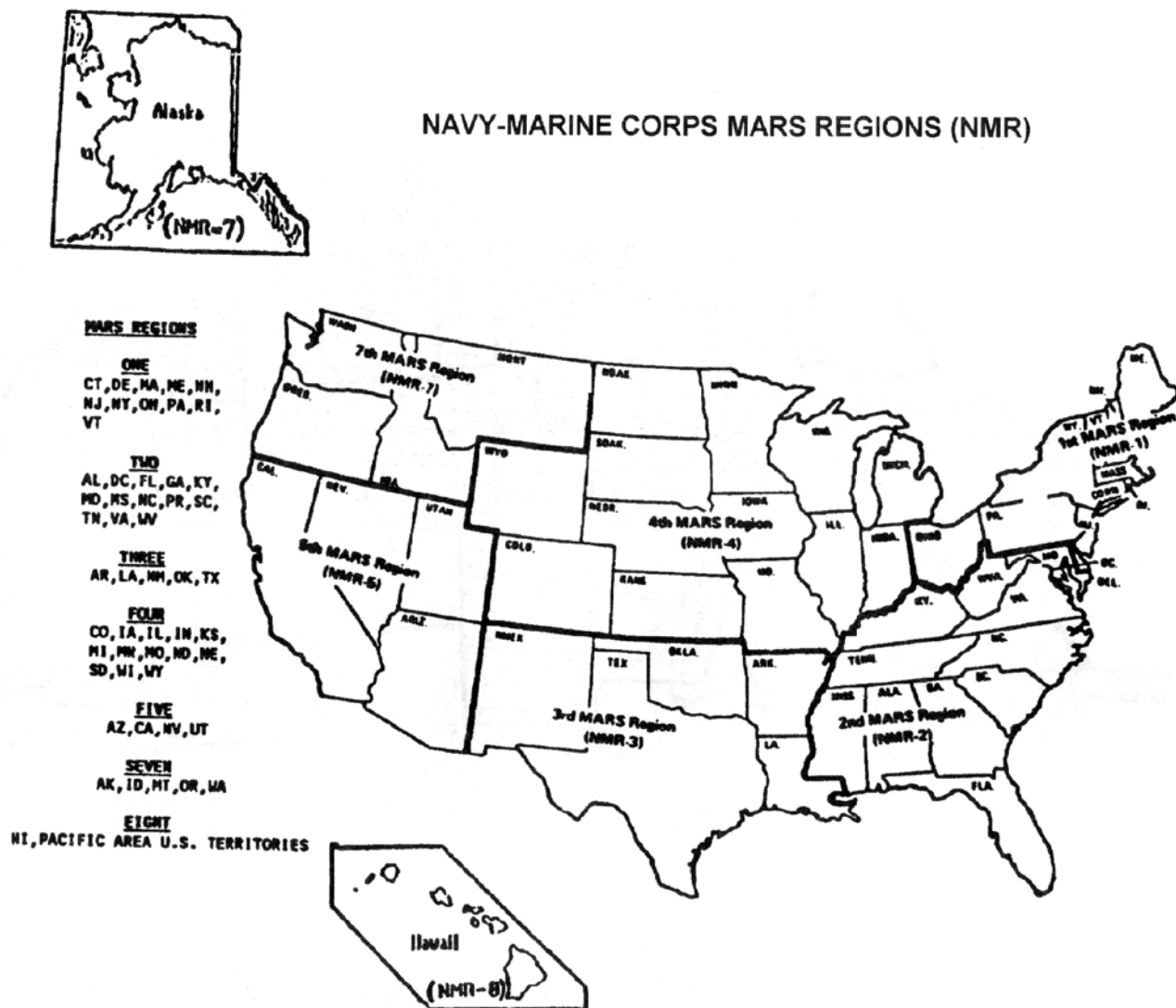


Figure 5: Army Area Coordinators

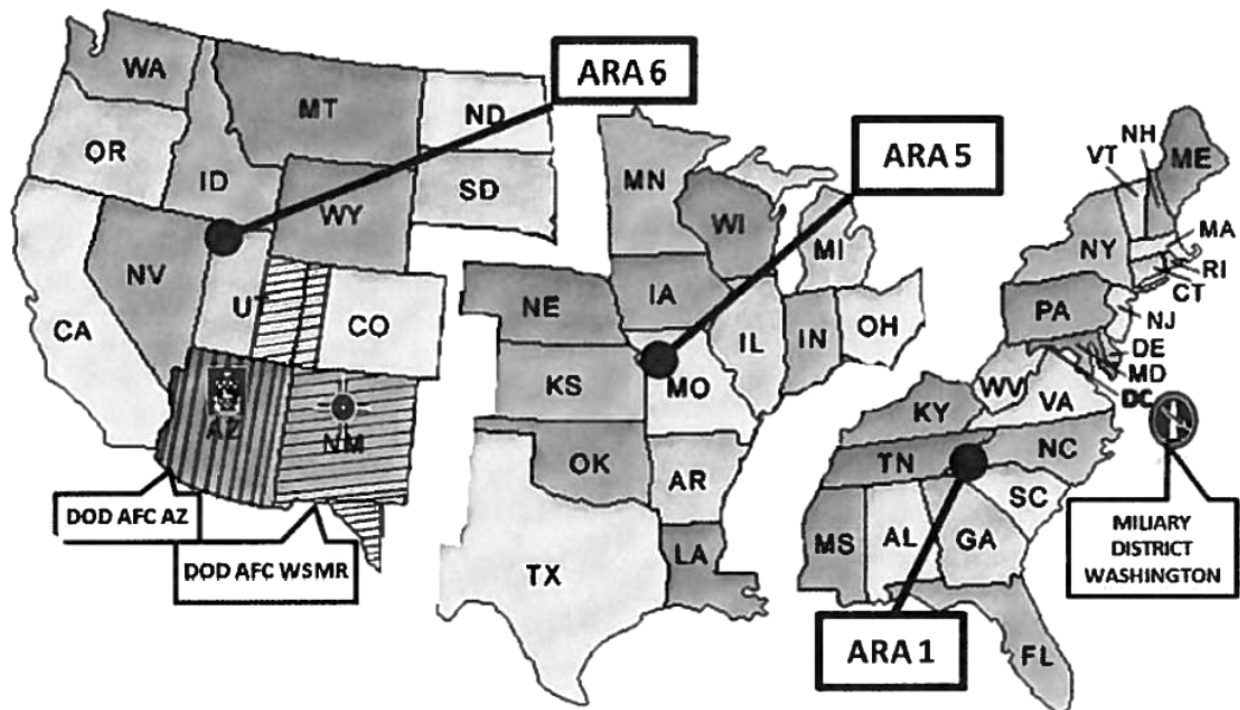


Figure 6: Army Area Frequency Coordinators

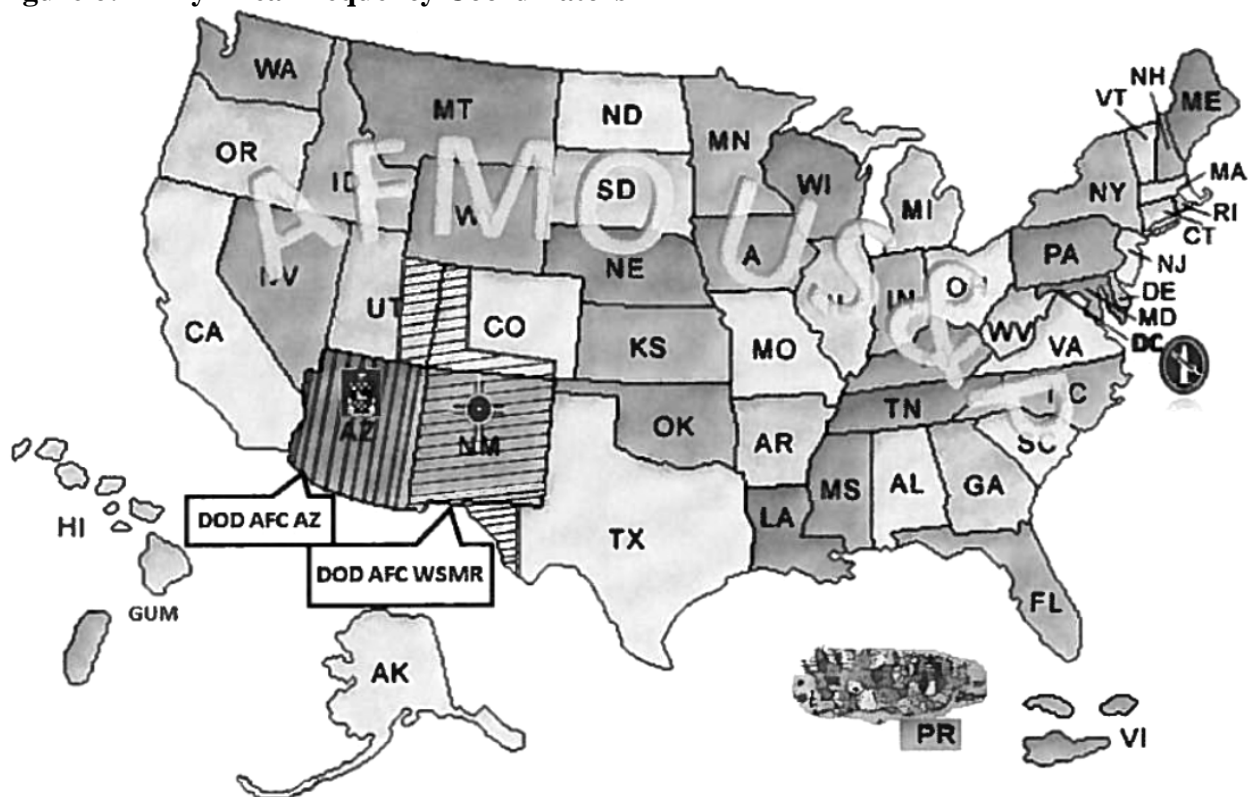


Figure 7: FAA Regions

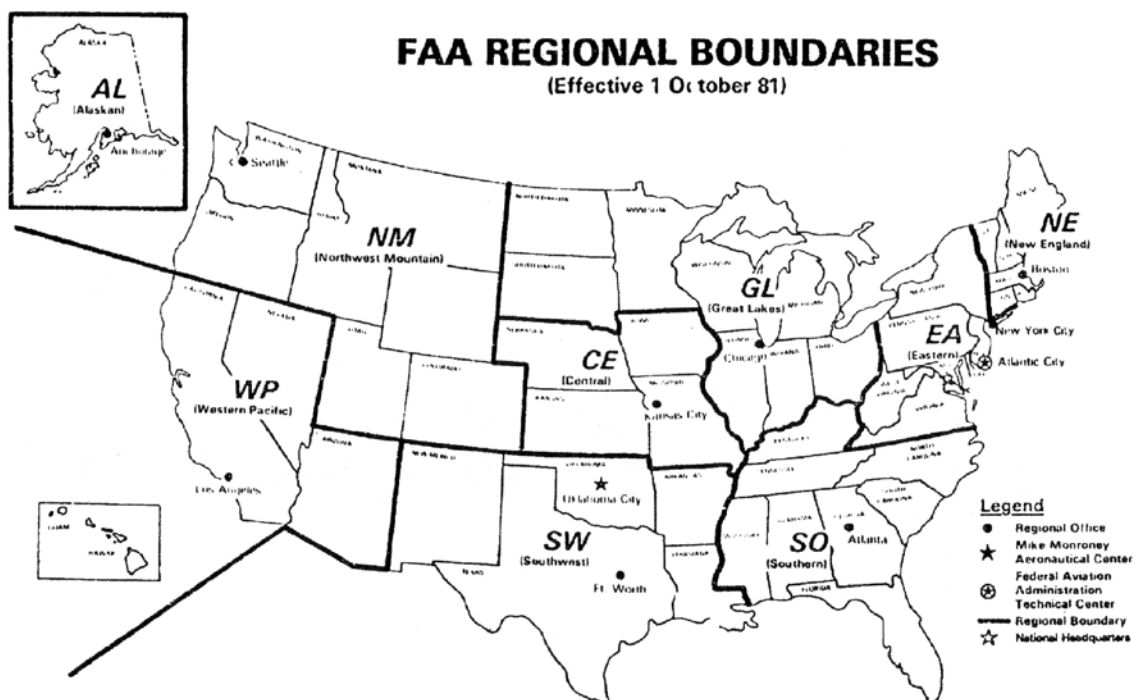


Figure 8: NRC Regions

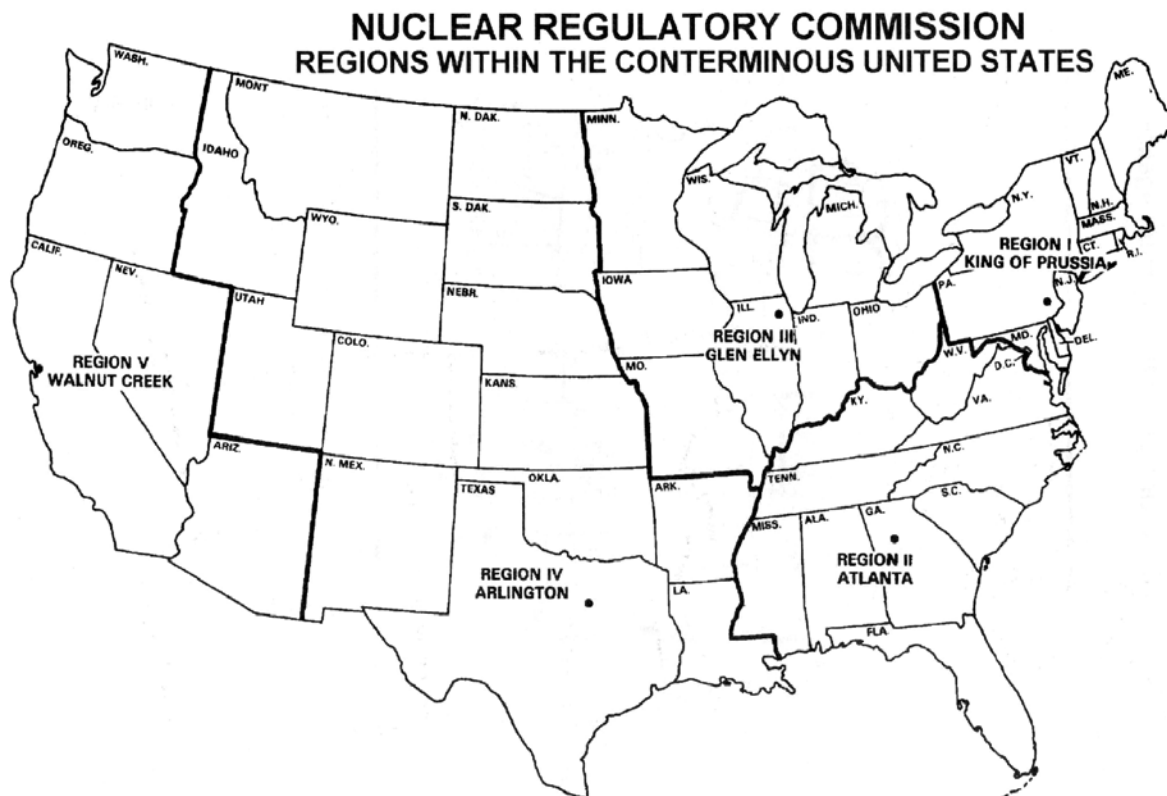


Figure 9: FEMA Regions



Figure 10: EPA Regions

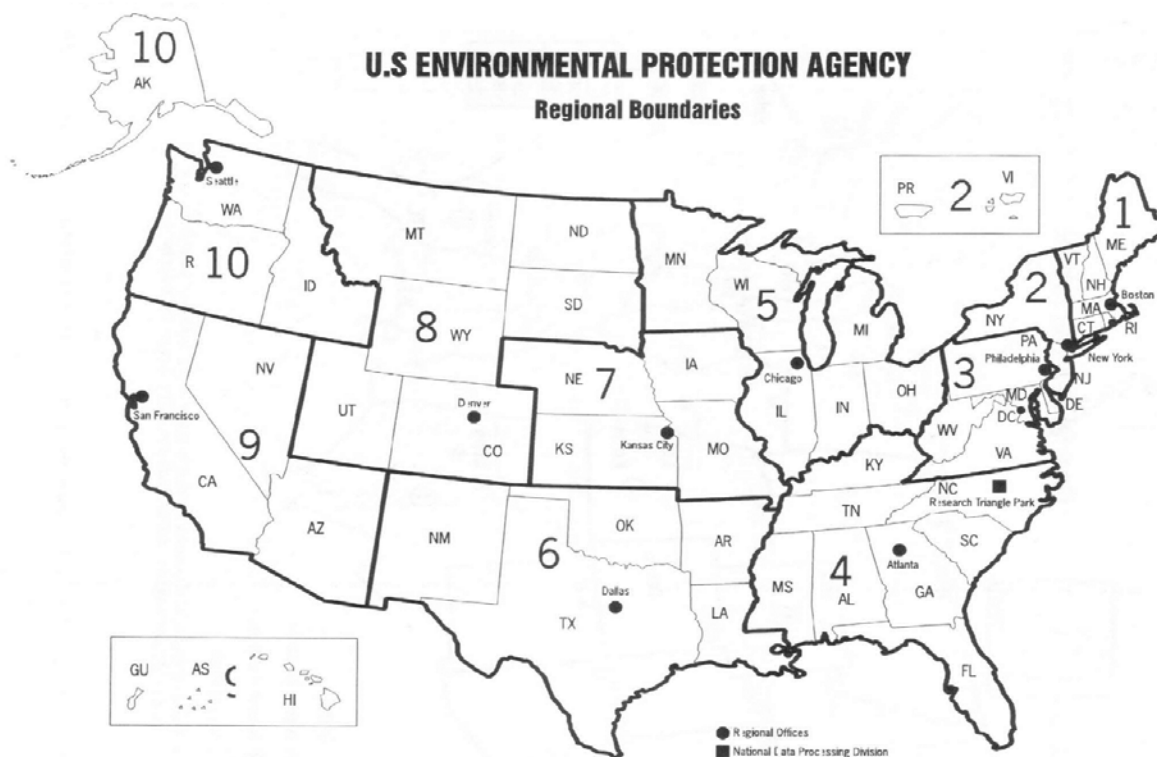


Figure 11: GSA Regions

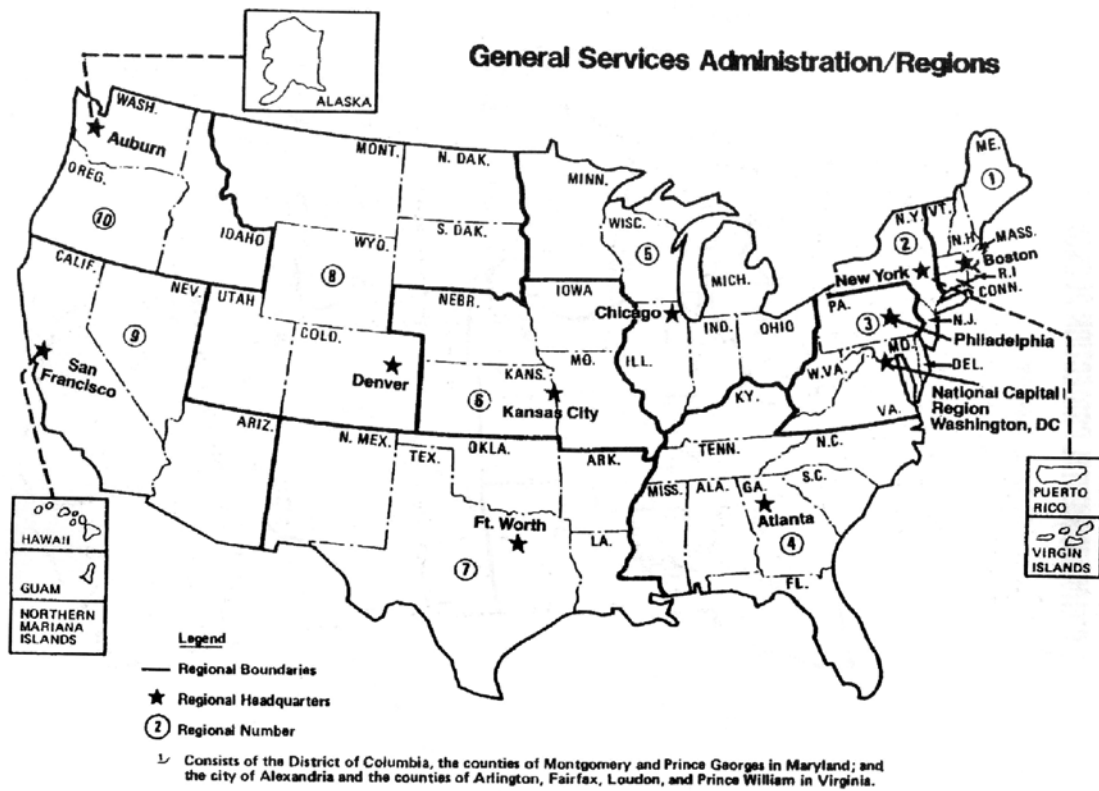


Figure 12: USAF Mars Regions

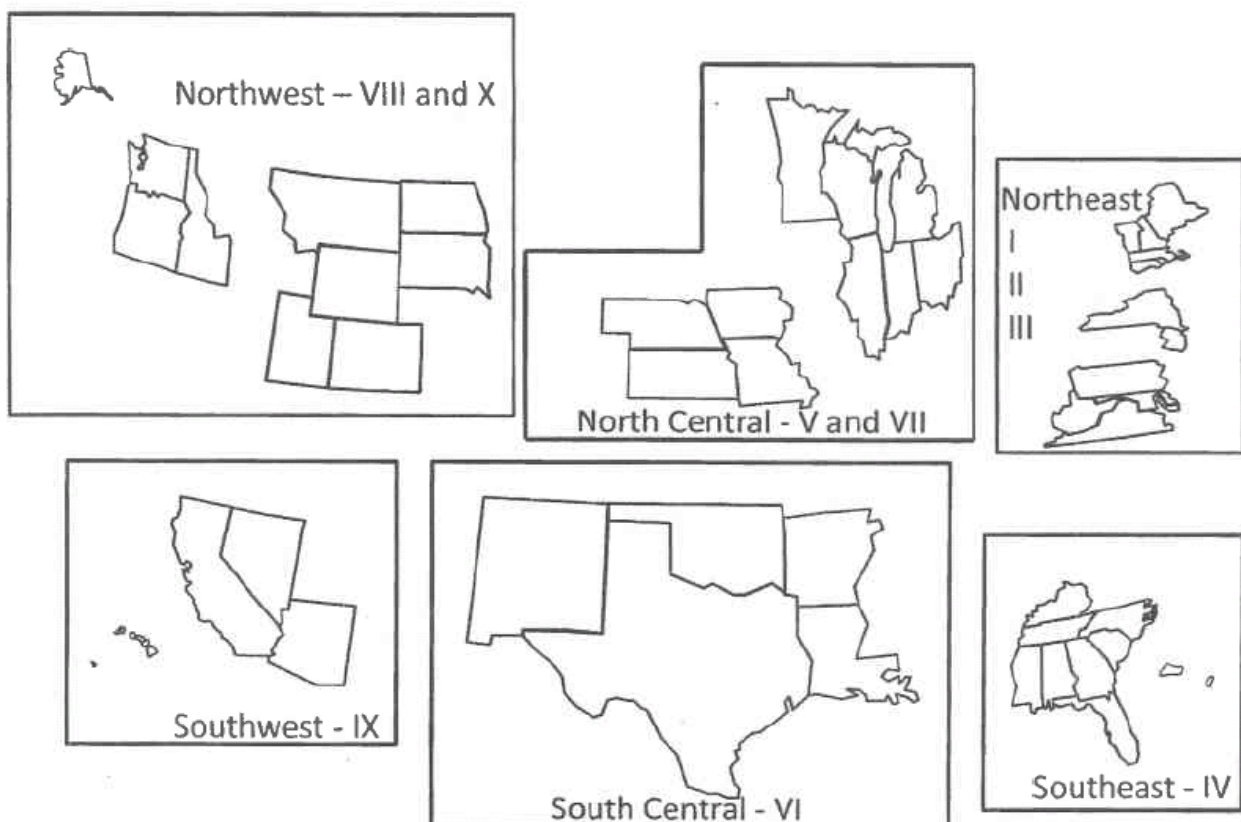
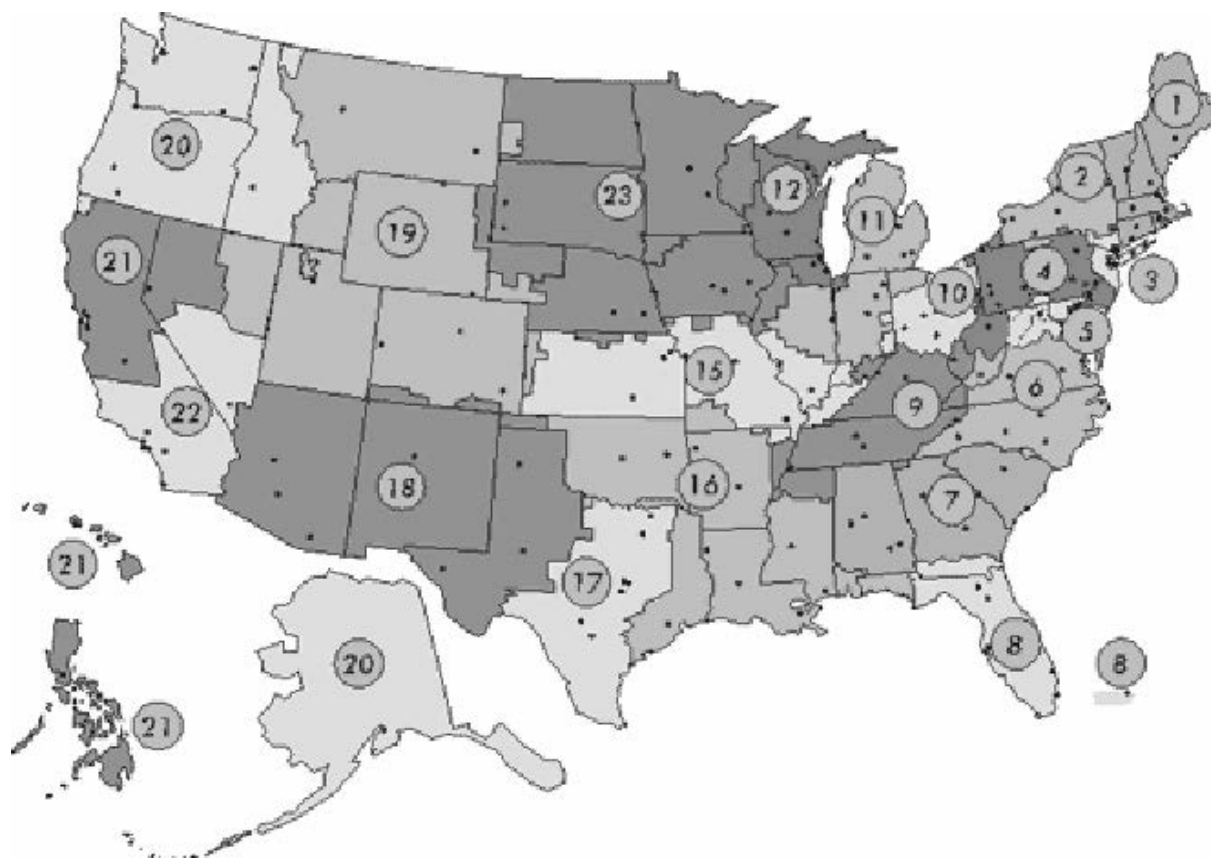


Figure 13: VA Health Administration Integrated Service Network by (VISN) by Boundaries



G.4 COMMON ABBREVIATIONS

AAF ARMY AIR FIELD
 ARA ARMY AREA
 ARPT AIRPORT
 CGD COAST GUARD DISTRICT
 CO COUNTY
 CY CITY
 DI DISTRICT
 DIV DIVISION
 FT FORT

IAP INTERNATIONAL AIRPORT
 IS ISLANDS
 LNB LARGE NAVIGATIONAL BUOY
 MAP MUNICIPAL AIRPORT
 MT MONT, MONTE, MOUNT(S)
 MTN MOUNTAIN(S)
 PG PROVING GROUND(S)
 PT POINT
 ST SAINT

G.5 MANUFACTURER CODES

This section of Annex G contains those manufacturer codes that will be used in the Circuit Remarks (REM) fields of the GMF (see Section 9.8.2, 39.o, General).

A
 AAC AACOMM, Inc.
 AAI Aircraft Armaments Inc.
 AAO Aero Astro LLC
 AAT Airsys ATM
 ABN Aruba Networks
 ACC ACE Communications
 ACE Aeronautical Communications Equipment Inc.

ACI Air Communications Inc.
 ACR Acrodyne or Acrodyne Industries Inc.
 ACS Advanced Communications Systems
 ACT ALCATEL
 ADN Advanced Navigation Inc.
 ADS General Electric/Astro Space Division
 ADU Advanced Communications Systems Inc.
 ADV Audio-Vac

AEC	Allied Electronics Corp.	ATE	Advanced Tech Talk
AEO	Aer-O-Com	ATF	Advanced Techcom Inc.
AER	Aeronautical Electronic Inc.	ATI	Amerasia Technology Inc.
AES	Aerosonic Corp.	ATM	Automation Inc.
AFS	Aurora Flight Sciences	ATN	Aviat Networks
AGI	Agilent	ATT	American Telephone & Telegraph
AGN	AGA Navigation Aids Limited	ATX	Advanced Training Systems
AHI	Aleth Inc.	AUD	Audio-Sine, Inc.
AIC	Atmospheric Instrumentation Research Corp.	AUT	Audio-Technica US Inc.
AID	Audio Intelligence Devices Inc.	AVE	Aveillant
AIE	Aire-Sciences, Inc.	AVI	Avitron Inc.
AII	Atmospheric Instrument Research, Inc.	AVN	Aerovironment
AIL	Airborne Instrument Laboratories	AVT	Avtek Co.
AIO	AIRONET	AWI	All Weather Inc.
AIR	Aireon Manufacture Corp.	AWT	Astron Wireless Networks
AIS	Air Science Inc.	AYD	Aydin
ALC	Applied Research Corp.	AYI	Airport Systems International, Inc.
ALL	Allison Electronics	AZD	Azden, Inc.
ALN	Alenia Spazio	B	
ALP	Aleph Inc.	BAC	Barry Research Corp.
ALT	Altech Lansing	BAD	BAE Systems
ALV	Alva Radio Industries	BAE	Barth Engineering & Mfg. Co.
ALX	Aeroflex Lintek Corporation	BAN	Belair Networks
AMC	Atlantic Microwave Corporation	BAR	Barrett Electronics
AMH	Amherst Systems, Inc.	BBE	B & B Electronics Manufacturing Co.
AMK	Ameri-King Corporation	BDW	BridgeWave Communications
AMR	Amplifier Research Corporation	BEG	Bendix/King Mobile Communications
AMS	American Systems	BEN	Bendix Corp. or Bendix Aviation Corp.
AND	Andrew Corp.	BER	Bertea Products or Bertea Corporation
ANE	Aviat Networks	BEX	Bext Inc.
ANI	Alfa Networks Incorporated	BLS	Balise
ANO	ANACOM	BMS	Broadcast Microwave Services
ANP	Antenna Products Co.	BOA	Boeing Aerospace
ANS	Antenna Specialists Co.	BOE	Boeing Aircraft
ANT	Arnet	BRG	BRG Precision Products
AOC	Air Associates Co.	BRI	Bristol Aerospace Ltd.
APC	Applied Physical Sciences Corp.	BRK	Briartek Incorporated
API	Applied Research, Inc.	BRN	Baron Services
APN	Applied Concepts	BRT	Broadcast Electronics
APS	Applied Systems Engineering	BTA	BG Tech America, Inc.
APT	Applied Technology	BTI	Burle Technologies, Inc.
ARA	ARTAIS Inc.	BUT	Butler National Corp.
ARC	Aircraft Radio Corp.	BVS	Berkeley Varitronics Systems
ARE	Atlantic Research Corp.	BZR	Bonzer, Inc.
ARJ	Aeronautical Radio Inc. or ARINC	C	
ARK	ARTEX Aircraft Supplies Inc.	CAB	Campbell Manufacture Company, Ltd.
ARM	Armstrong Transmitting Corp.	CAC	Cessna Aircraft Co.
ART	Allied Radio Shack	CAL	CAL AMP Wireless Networks
ARX	Artex Aircraft Supplies, Inc.	CAP	Communications Applied Technology
ARY	Airsys ATM Inc.	CAR	Canadian Radio Corp.
ASC	Astronics Corp.	CAT	Canadian Telephone Co.
ASE	Astral Electronics Inc.	CAV	Cavotec Microcontrols
ASG	Allied Signal Commercial Aviation System	CAW	CalAmp Wireless Network Corporation
ASI	Alto Scientific Inc.	CBE	Crown Broadcast Electronics
ASM	Astromarine Products Corp.	CBM	CBM Electronics
ASP	A/S S.P. Radio	CCB	Control Chiefs, Inc.
AST	Astro Communication Laboratories or Astaron Electronics Ltd.	CCC	Cadion Communications Corp.
ASY	Antenna Systems Inc.	CCF	Coastal Climate Company
ATC	Astro Telecom Corp.	CCI	Communications Carriers, Inc.
		CCJ	Communications Co., Inc.

CCP	Continental Electric Corporation	DCE	Decatur Electronics, Inc.
CDD	Combat Direction System Activity Dam Neck	DCI	Defense Communications Engineering Inc.
CDN	Cardian Electronics	DCM	Delcom
CDP	Codan Pty, Ltd.	DEA	Decca Radar Ltd. UK
CDS	Cubic Defense Systems	DEC	dbSpectra Systems
CEG	Ceragon Networks Inc.	DES	Delstar Corp.
CEL	Colorado Electronics	DET	Detroit Bullet Trap Co.
CEM	Continental Electronics Manufacturing Co.	DIG	Digital Radio
CEO	Celesco Industries	DIT	Digitize, Inc.
CER	Centry Research Corp.	DIX	Dixon Industries Corp.
CET	CETEC Vega	DLN	Del Norte
CFM	California Microwave	DLP	Delphi Automotive, LLP
CHM	Chesapeake Microwave	DMC	Digital Microwave Corp.
CIC	Cubic Industrial Corp.	DMI	Data Marine International
CIN	Cincinnati Electronic Corp.	DNT	Del Norte Technology, Inc.
CIS	Cisco	DOR	Dorsett Laboratories
CIW	Cinterion Wireless	DOS	Dorsett Electronics Division (LaBarge, Inc.)
CLN	Ciello Networks	DRA	Drake RF Co.
CLO	Ciello Digital Radios	DRI	Decca Radar, Inc.
CLU	Campbell Scientific Inc.	DRK	Data Radio Corp.
CMB	Cambium Networks	DRS	DRS Technologies
CMI	CMI, Inc.	DSI	Delta Sigma Inc.
CMO	Canadian Motorola	DSY	Defense Systems, Inc.
CMU	Communitronics Ltd.	DTC	DTC Communications
CNC	Conic Corp.	DTE	Daytong Electronics, Ltd.
CNI	Contraves Italiana	DTM	Datum
COA	Communication Specialities	DTW	Datawell
COB	Cobra	DWI	DragonWave Inc.
COC	Communication Co.	DXR	DX Radio Corp.
COI	Comtech Lab, Inc.	DYC	Dynamic Communications
COL	Collins Radio Co.	DYS	Dynascan Corp.
COM	Comrex	E	
CON	Continental Electronics, Ltd.	EAD	European Aeronautic Defense and Space Co.
COP	Communications Products Co.	EAI	Elta-Ashdod Israel
COS	Cosser Electronic	EAR	Earmark, Inc.
COU	Courier Communications, Inc.	ECL	Eaton Corp. AIL DIVN.
CPI	CPI, Communications	ECR	Edcor
CRB	Commercial Resources Communications	EDO	EDO Corp.
CRN	Cirronet Corporation	EDR	EDO Aire
CRP	Concord Electronics Corp.	EEE	EMCEE, Co.
CRT	Cartwright Electronics Inc.	EFD	EF Data
CRU	Cruise Technology	EGX	Energy-Onix
CSC	Customs Signal Corp.	EIP	Electromatic, Inc.
CSI	Control Science, Inc.	ELA	Ellason
CSP	CSpeed	ELM	Electronic Material International, Ltd.
CTL	Crescend Technologies LLC	ELS	Electromagnetic Sciences, Inc.
CTR	Cattron, Inc.	EMA	Electro Magnetic Sciences Co.
CTW	Commtech Wireless	EMC	Electronics Missiles Communications, Inc.
CUB	Cubic Co.	EMH	Electro-Mechanics Co.
CUS	Cush Craft	EMI	EMI-Cosser Electronics Ltd. or EMI Marine Division
CVG	CVG-AVTEC	EMR	Electro Mechanical Research, Inc.
CWE	Comwave	ENI	Electronic Navigation Instruments
CWI	Cartwright, Inc.	EPS	EPSCO, Inc.
CWT	Carlson Wireless Technologies Inc.	ERA	Ericsson, L.M. Ltd.
CYB	Cybermation	ERD	Emhiser Rand
D		ERI	Electronics Research Industries
DAE	Davco Electronics Inc.	ERN	Erichson
DAN	Daniels Electronics Limited	ERX	Emhiser Research, Inc.
DAT	Data Control Systems	ESD	ESL, Inc.
DBM	Three DBM Systems	ESE	Electronic System Technology

ESI	Energy Systems, Inc.	GYE	Glenayre
EST	Electric Service Co.	H	
ETE	Enterprise Electronics, Inc.	HAC	Harris Corp.
ETR	Ecatek, Inc.	HAD	Harris Aerospace Systems Div.
ETS	Electronic Systems Technology	HAN	Handar Company
EWR	EWR Weather Radar Systems	HAR	Harvey Radio Laboratories, Inc.
EXA	Exalt Communications Inc.	HDS	Household Data Services, Inc.
EXI	EXICOM New Zealand, Ltd.	HEL	Hermes Electronics
EXT	Executone, Inc.	HEP	Hewlett Packard
F		HFI	Harris Farinon, Inc.
FAA	Federal Aviation Administration	HIC	Harris Intertype Corp.
FAL	Frant, Alan I.W.	HII	Herley Industries
FAP	Fran Air Products Co.	HIS	Highway Information Systems, Inc.
FAR	Farnsworth TV Radio	HIT	Hitec RCD Inc.
FAS	Ford Aerospace Corp.	HME	Hartman Marine Electronics Corp.
FEC	Farinon Electric	HMI	HM Electronics, Inc.
FER	Ferguson Communications, Inc.	HMS	Herley Microwave Systems
FGI	Fleetwood Group, Inc.	HNS	Hughes Network Systems
FLL	Flight Refuel, Ltd.	HON	Honeywell
FLR	FLIR Systems Inc.	HOR	Horizon
FLT	Flite-Tronics	HRC	Henry Radio Co.
FMI	Farinon Microwave	HRS	Hendy Radio Service
FOR	Fort Worth Tower Co.	HSA	Hallands Signal Attaraten
FOT	Fortress Technologies	HSC	Hawkeye Systems Corp.
FRF	FRF Communications	HSI	Hi Sierra
FRW	Freewave Inc.	HTI	Hamtronics, Inc.
FSG	Futurecom Systems Group Inc.	HTS	HT Systems
FUJ	Fujitsu Tem Corp. of America	HUG	Hughes Aircraft Co.
FUR	Furuno	HUL	Hull Electronics Co.
FUT	Futaba	HYD	Hydrolinx
G		HYE	Hy-Gain Electronics Corp.
GAE	General Aviation Electronics	HYP	Hyperlink Technologies
GAI	Garmin International	I	
GAL	Granger Associates, Ltd.	IBM	International Business Machine Co.
GAT	Gates Radio Co.	ICM	ICOM
GDE	General Dynamics/Electronics	ICO	International Corp.
GDI	Godfrey Engineering, Inc.	ICS	Industrial Comm Systems
GEC	GEC Telecommunications, Ltd.	ICX	ICX Technologies
GEL	General Electronics Laboratories, Inc.	IEC	IEC Electronics Corp.
GEM	Gem Marine Products	IFR	Instrument Flight Research Corp.
GEN	General Electric Corp.	ILS	International Laser Systems, Inc.
GEP	Genesys Systems	IMC	International Microwave Corp.
GEV	Genave	IMR	Imsar LLC
GIC	General Instrument Corp.	IMS	International Meteorological Systems
GIT	Georgia Institute of Technology	INC	INTRAC
GLB	GLB Electronics	INE	Intech, Inc.
GMC	General Motors Corp.	INN	Innoflight Inc.
GME	General Microwave Services	INT	Interstate Electronics Co.
GMI	General Microwave Corporation	IPW	IP Wireless
GMS	Galaxy Micro Systems, Inc.	IRC	Immersion RC LTC, Hong Kong
GMW	Global Microwave, Inc.	ISR	Imagine Science Research Inc.
GNI	GPS Networking Inc	ISS	Information Station Specialist
GON	Gonset Corp. or Gonset Division of Aerotron or Dumont Division of Gonset	ITF	ITT Defense Communications
GPS	GPS Source Inc.	ITG	ITT Gilfillan
GRA	Granger Associates or Bauer Broadcast Division of Granger	ITM	ITT Mackay Marine
GRC	General Radio Co.	ITO	ITT Aerospace/Optical
GRO	Ground Data Corp.	ITP	International Telephone & Telegraph Corp. or
GRT	General Radiotelephone Co.	ITT	Industrial Products
		ITS	ITT Standard
		ITT	ITT Federal Laboratories

IVW	Inovonics Wireless	MAM	M/A COMM MAC
J		MAR	Mark Products Co.
JDE	John Deere	MAS	Mid American Relay Systems
JDT	Johnson Data Telemetry Corp.	MAX	Maxson Electronics Corp. (Electronics Design)
JEP	Jet Propulsion Laboratory	MBE	Marcel Bassaulet Electronics
JER	Jerrold Electronics Corp.	MBR	Malibu Research
JHU	Johns Hopkins University	MCC	Microcom Corp.
JOH	Johnson E.F.	MCE	Micro Electronics
JRC	Japan Radio Co.	MCI	Marconi Radio
JTC	Janteq Corp.	MCJ	Marconi Electronics
K		MCN	Morris Communications Co.
KAR	Kaar Engineering	MCO	Micro Communications Co.
KDK	KDK Inc.	MCS	Micronetics
KED	Kenwood	MCT	Micro Control Specialities
KEL	Kelvin Hughes, Ltd.	MDC	Microdyne Corp.
KEN	Kennedy Co.	MDH	Madah-Com
KFE	K-F Electronics	MDM	Microwave Design Manufacturing, Inc.
KIG	Kingfisher	MDS	Metrodata Systems
KIN	King Radio Corp.	MDY	Microwave Data System
KOD	Koden America, Inc	MEA	Metratech, Inc.
KRA	Kraft Systems	MET	Metrotek Electronics Co.
KTI	Keltec Industries	MTX	Morfax, Ltd.
KUS	Kustom Signal Corp.	MGD	Meggitt Defense Systems
KUX	Kustom Electronics Inc.	MGI	Megapulse, Inc.
L		MGT	Magnetek
LAB	La Barge, Inc.	MHR	Minneapolis Honeywell Regulator
LAC	Loea Corporation	MHS	Microhard Systems Inc.
LAN	Lance Antenna Corp.	MIB	Mitsubishi Denki Co. or Mitsubishi Electric
LAR	Largo Electronic Manufacturers Inc.	MIC	Microdot, Inc.
LCA	Univ. of Lowell Center for Atmospheric Research	MID	Microfix Instruments, Ltd.
LCI	L-Com, Inc.	MIE	Mitre Corporation
LCW	L3 Communications	MIL	Micro-Linke Corp.
LDS	Loral Data Systems	MIN	Midland Intlr. Corp.
LEA	Lear, Inc.	MIT	Minatronics Corp.
LED	Lucas Ledex	MIW	Microwave Associates, Inc.
LEN	Lenkurt Electric Co.	MKY	Mackay Radio-Telegraph Co.
LET	Lectrosonics, Inc.	MLR	R. A. Miller Industries
LII	Litton Industries	MMA	Martin Marietta Air Space
LIL	Lincoln Laboratory	MML	Micromil Electronics, Ltd.
LLL	Lawrence Livermore Laboratory	MMT	Millimeter Wave Technology
LMB	Lambda RF Systems	MNE	Menemonics, Inc.
LNR	LNR Communications, Inc.	MNI	Microwave Network, Inc.
LOA	Los Alamos National Laboratories	MNO	Microwave Innovations
LOC	Lockheed Electronics	MNT	Montec (Divn of E-Systems)
LOE	Loral Electronics Corp.	MOC	Model Rectifier Co.
LOM	Lockheed Martin Astro Space	MOD	Modar Electronics
LOR	Lorrain County Radio Corp.	MOE	Monaco Enterprises, Inc.
LOS	Lockheed Sanders, Inc.	MON	Monitor Electronics
LPB	Low Power Broadcast Co.	MOT	Motorola Corp.
LSC	L-3 Space Communications	MOX	Mobile Communications
LTC	L-3 Communications	MPH	MPH Industries, Inc.
LUC	Lucos Air Space	MPI	Microwave Products, Inc.
LUM	Lumistar	MPN	Multipoint Network
LUX	Luxul Corporation	MRC	Midwest Radio Corp.
LYN	Lynch Communications Systems, Inc.	MRE	Monicor Electronics
M		MRF	Mid-Atlantic RF Ssystems
MAB	M/A Comm. AC, Inc.	MRR	Marti
MAC	Marconi Instruments, Division of English Electronics	MRS	Micro Systems, Inc.
MAE	Marine-Air Systems, Ltd.	MRT	Marti Electronics
MAG	Magnavox Co.	MSD	Marconi Space and Defense Systems

MSI	Microhard System Inc.	PMX	Primex Wireless Clock System
MSY	Metric Systems Corp.	POE	Pointer Electronics
MTI	Mobile Telesystem, Inc.	PPI	Peter Pepper Inc.
MTK	Metek GMBH	PRI	Polytronics Research, Inc.
MTN	Monitron Corp.	PRL	Polar Research Lab.
MTR	Meteor, Communications Corp.	PRO	Podelin, Inc.
MTS	Mobile Telesystems	PRT	Pitchard Brown
MUT	Multitone Electronics, Ltd.	PRX	Poxim
MVI	M/A-COM Video Systems, Inc.	PSI	Planning Systems Incorporated
MWB	Microwave Bypass Systems	PSY	Persistend Systems
MWI	Microwave Innovations	PST	Power Systems Technology, Inc.
MWO	Microwave Radio Corp.	PTK	PTEK Corporation
MWS	Microwave Sensors	PTI	Protection Technology, Inc.
MWT	Marconi Wireless Telegraph Co., Ltd.	PYR	Pyramid Co.
MXN	Maxon Electronics, Inc.	Q	
N		QEI	QEI Corp.
NAU	Nautel	QEN	Quadrant Engineering, Inc.
NAV	Naval Avionics	QUA	Qualimetrics Corp.
NCC	Nutex Communications Corp	QUC	QALCOMM
NEA	NEC America, Inc.	QUI	Quintron Corp.
NEC	Nemsclarke	QUS	Quasonix Systems
NER	Nera	QUT	QUALI-TRON
NEU	Neulink, Divn of Celltronics	QWC	Quarterwave Corp.
NMT	New Mexico Tech	R	
NOC	Northrop Corp.	RAC	Racal Communications, Ltd.
NOI	Nokia	RAD	Radiation, Inc.
NOR	Northeast Medal Industries	RAE	Racal Electronics, Ltd.
NOV	Nova-Tech/Avionics or Nova Tech Inc.	RAG	Radian Corp.
NRA	Northern Radio Co. or Northern Electronic Co.	RAI	RADA Electronics Industries
NRB	NARCO	RAJ	Ray Jefferson Co.
NRC	National Aeronautic Corp.	RAM	Raymarine Inc.
NSI	Nady System, Inc.	RAN	Rantec Corp.
NSM	News And Sports Microwave	RAS	Radio Shack
NUC	Nucomm	RAV	Raveon Technologies
O		RAW	Radwin
OAI	Oklahoma Aerotronics, Inc.	RAY	Raytheon Co. or Raytheon Manufacturing Co.
OAQ	OAQ Corp.	RCA	Radio Corporation of America
OAR	Ocean Applied Research Corp.	RCN	Racon, Inc.
OMN	Omnitek	RDA	Radair, Inc.
OPH	Ophir	RDE	Radtec Engineering
OPS	Opos Electronics	RDN	Raydyne, Inc.
OSC	Orbital Sciences Corp.	RDW	Radio Waves Inc.
OTX	Omni Tronix	REG	Ross Engineering
P		REI	Regency Electronics, Inc.
PAD	Pacific Advanced Engineering, Inc.	REL	Radio Electronics Laboratories
PAE	Park Air Electronics	REP	Repco, Inc. or R.G.P. Co.
PAS	Park Air Systems	RFC	RF Communications Associates, Inc.
PAU	Pauldon	RFE	Rafael
PAV	PAVCO	RFI	Radio Frequency Communications, Inc.
PCM	Pacific Communications	RFT	R.F. Technology
PCR	Pacific Crest Corp.	RGC	Ranger Communications
PCS	Proportional Control Systems	RGS	RAUG Space
PCT	PCTEL Inc.	RHG	RHG Electronics Laboratories
PDL	Paradise Datacom LLC/LTD	RIE	Rockwell International Electronics
PEA	Pearce Simpson, Inc.	RIT	Ritcon, Inc.
PEG	Peninsula Engineering Corp.	RMC	Relm Communications, Inc.
PFE	Professional Electronics	RMT	Remotec, Inc.
PHI	Philco Corp.	RMX	Radiometrix
PLE	Plessey Company, Ltd. (UK)	ROC	Recon Optical, Inc.
PMH	Pacific Microwave Research	ROE	Robinson Engineering Co.

ROS	Rohde Schwarz	SOV	Soviet Manufactured Equipment
ROT	Rothenbuhler Engineering	SOY	Sony
RQM	Racon, Inc. Quality Microwave	SOZ	Southcom International, Inc.
RRC	Radio Receptor Co.	SPA	Spar Aerospace, Ltd.
RSI	Radio Systems, Inc.	SPB	System Planning Co.
RSM	Radio Specialty Manufacturing	SPD	Sperry Corp.
RSS	RS Systems, Inc.	SPE	Space Electronics
RTK	REFTEK	SPI	Spirent
RTL	RT Logic	SPM	SPECTRACOM
RTR	Ritron, Inc.	SPN	Sparton Electronics
RWC	Rockwell, Collins	SPO	Spotter RF
S		SPR	Sperry Corp. or Servo Corporation of America
SAB	SAAB	SPT	Septentrio Satellite Navigation
SAC	Sabre Communications Corp.	SPZ	Sperry Marine Systems
SAD	Sandia Corp.	SQA	Square D Co.
SAL	Salco Manufacturing Co.	SQL	Spacequest LTD
SAT	Sarkes Tarzian, Inc.	SRM	Sierra Monolithics, Inc.
SAV	Savox Communications and Con-Space Communications, Ltd.	SRS	Scientific Radio Systems, Inc.
SCA	Scala Radio Corp.	SRU	SATEL Radio USA
SCC	Secode Corp.	SSA	Selex Sensors and Airborne Systems Ltd.
SCI	Scientific Atlanta Co.	SSN	Sensis Corp.
SCM	SCM Melabs, Inc.	SSR	Sensor Systems
SCN	Scintec Corporation	SSY	Stellar System
SCT	Science Applications International Technology, Inc.	STA	Standard Electronics
SCX	Sensor Concepts Inc.	STB	Standard Communications
SDI	Safety Devices, Inc.	STC	Sageteck Corp.
SDY	Star Dynamics	STD	Standard Elektrik Lorenz
SEA	Sears Roebuck Co.	STE	Stephenson
SEC	Struthers Electronics Corp.	STM	ST Microwave
SEI	Seiscor Manufacturing Co.	STR	Stromberg Carlson Products Co.
SEL	Selenia S.P.A. (Italy)	STS	Standard Electrica S.A.
SEM	Seatron, Inc.	STW	Stewart Warner Corporation of Canada, Ltd.
SEN	Sennheiser Electronic Corp.	STX	SI-Tex Marine Electronics, Inc.
SEO	SEMCO	STY	Sensor Technology Systems, Inc.
SEP	Shakespeare Electronic Product Group	SUM	Summers & Mills
SER	Servo Corp. of America	SUN	Sunair Electronics, Inc.
SFC	Safecom (Radionics)	SUR	Sur-Tec, Inc.
SFI	Stanford Telecommunications, Inc.	SUT	Sutron Co.
SGC	Sperry Gyroscope Company of Canada, Ltd.	SWM	Southwest Microwave Co., Inc.
SHU	Shure Brothers, Inc.	SWR	Southwest Research Institute
SIC	SRI International	SYA	Syracuse Research Corp.
SID	Sierra Digital	SYE	Systems Engineering & Management Corporation
SIE	Sierra Electronic Division of Philco	SYL	Sylvania Electronics Defense Laboratory or Sylvania Electronics Products
SIG	Signal Communications	SYN	Synergetics
SIH	Siemens-Halske	SYS	Systron Donner Corp (Demornay Bonardi)
SII	Sirit Corp	T	
SIL	Silvus Technologies Inc.	TAC	Technical Appliance Corp.
SIM	Simpson Electronics	TAE	Tait Electronics, Ltd.
SIN	Spectrum Communications, Inc.	TBL	Trimble Navigation
SIP	Sippian Ocean Systems	TBN	Tayburn
SIR	Sitra	TCD	Techdyn Systems Corp.
SMN	Summation Research, Inc.	TCM	TCOM Industries, Inc.
SMO	Sierra Misco	TCT	Transcidronic
SMT	Samson Technologies Corp.	TDC	Teledyne T/M Co.
SMW	Southern California Microwave	TDI	TeleDesign
SNC	Sierra Nevada Corp.	TDL	Tidelands
SNS	Senstar Corp.	TDY	Tele-Dynamics
SOA	Southern Avionics	TEC	Telviso Electronics
SON	Sonar Radio Corp.	TED	Teldex

TEI	Texas Instrument, Inc.	U	
TEL	Telrex Laboratories	UBI	Ubiquiti Networks Inc.
TEN	Teletronix Engineering Co.	UDN	Uniden
TEO	Telemotive	UNI	Univac Corp.
TEP	Tepco Corp.	UNS	Unisys Corp.
TEQ	Tenna Corp.	USE	Use Corporation
TER	Terra-Com	USN	Universal Space Network Inc.
TES	Technisonic Industries	V	
TET	Tactical Electronics Corp.	VAI	Vaisala
THA	Thales ATM	VAL	Valcom, Ltd.
THC	Thomson CSF	VEC	Vector Manufacture Co.
THY	Technology Service Corp.	VEG	Vega Electronics Corp.
TIA	Television Technology Corp.	VER	Versa-Count
TIE	Tel Instrument Electronics	VEX	Vertex Communications Corp.
TII	Teledyne Industries, Inc.	VHF	VHF Engineering Co.
TIL	Transcript International	VIA	Victoreen Instrument Co.
TIM	Time Domain Corporation	VIL	Vitel
TIN	Telinstrument Co.	VIS	Visual Manufacturing Division
TIS	Tadiran Israel Industries, Ltd.	VIT	Vitro Electronics
TKL	Teklogix, Inc.	VIX	Vista Manufacturing Co.
TKM	TEK Mark Company	VIZ	VIZ Corp.
TKT	Turnkey Technology	VST	Viasat Technologies Co.
TLA	Telonica Corp.	VSX	Visiplex
TLC	TRT Groupe	VTC	Vectran Corp.
TLF	Telefunken Gmbh.	VYT	Vytek, Inc.
TLP	Telephonic Corp.	W	
TLR	Telline Radio	WAT	Washington Technological Assn., Inc.
TLX	Telex Co.	WAV	Wavetek
TMA	Tampa Microwave	WBL	Weibel Scientific, Inc.
TMC	Technical Materiel Corp.	WEI	Ward Electronic Industries
TMD	TMC Systems & Power Corp. or Telemotive Division of Dynascan	WES	Westinghouse Electric Co.
TMR	Terma Elektronik	WHD	Windermere HDS
TNC	Technocom	WHE	Whelen
TNS	Telonics	WIL	Wilcox Electric Corp.
TOA	Townsend Associates	WIN	Wind Data
TPL	Technology Proprietary, Ltd.	WJO	Watkins Johnson Co.
TRA	Transco Products, Inc.	WLC	Wilson Electronic Corp.
TRB	Trans World Communications, Inc.	WMX	Western Multiplex Corporation
TRC	Terrasat Corporation Inc.	WOD	Wood and Douglas
TRI	Tracor, Inc.	WRL	World Radio Laboratories
TRM	Tram/Diamond Corp.	WUL	Wulfsberg Electronics
TRN	Tran-Com	WVC	WV Communication, Inc.
TRP	Tri-Com, Inc.	X	
TRW	TRW Electronics	XCM	Xicom Technology
TRZ	Travelers Information Services, Inc.	XON	Xontech, Inc.
TSB	Transcience	XTR	Xetron Corp.
TSC	Teledyne Systems Co.	Y	
TSI	Tactical Systems, Inc.	YDI	Yarnell Data, Inc.
TSK	The Tsurumi Seiki Co., Ltd.	YEA	Yaesu
TSS	Telesystems, Inc.	Z	
TTC	Titian Corp.	ZDS	Zodiac Data Systems
TTG	Telectronics Technology Corporation	ZEP	Zephyrus
TTK	Tron-Tek, Inc.	ZET	Zeta Laboratories
TTS	Telesciences Transmission System, Inc.		
TTT	Tactical Technology, Inc.		
TWT	Trellisware Technologies Inc.		
TYC	Tycho-Tech		

G.6 ANTENNA ABBREVIATIONS

This section of Annex G contains those antenna abbreviations that will be used in the XAD and RAD fields of the GMF (see Section 9.8.2, 29.b(4b) and 9.8.2, 38.b(4b)).

ANTENNA NAME	ABBREVIATION
Alford Loop	ALFORDLOOP
Annular slot	ANULARSLOT
Batwing	BATWING
Biconical	BICONICAL
Biconical Dipole	BICONCLDPL
Blade	BLADE
Bowtie	BOWTIE
Cassagrain	CASSEGRAIN
Cavity Array	CAVITYARRAY
Coaxial Dipole	COAXDIPOLE
Collinear	COLLINEAR
Collinear Array	COLLNRARRAY
Conformal Array	CNFRMLARRAY
Conical	CONICAL
Conical Horn	CONICALHRN
Corner Reflector	CORNREFLTR
Cross Dipole	CROSSDIPOL
Cross Dipole Reflector	CRDIPOLERF
Dielectric Lens	DLCTLENSES
Dipole	DIPOLE
Dipole Array	DIPOLEARRAY
Discone	DISCONE
Dual Log Periodic	DUALLGPRDC
Dual Yagi	DUALYAGI
Folded Coax	FOLDEDCOAX
Folded Dipole	FOLDDIPOLE
Folded Monopole	FOLDMONOPL
Ground Plane	GROUNDPLAN
Half Parabolic	HALFPARBOL
Helical	HELICAL
Helical Array	HELICALARY
Helix	HELIX
Helix Array	HELIXARRAY
Horn	HORN
Linear Array	LINEARARRAY
Log Periodic	LOGPERIODC
Longwire	LONGWIRE
Loop	LOOP

ANTENNA NAME	ABBREVIATION
Loop Array	LOOPARRAY
Microstrip	MICROSTRIP
Microstrip Array	MCRSTRPARY
Monopole	MONOPOLE
Monopole Array	MONOPLARRY
Panel	PANEL
Parabolic	PARABOLIC
Parabolic Cylinder	PARABLCCYL
Patch	PATCH
Phased Array	PHASEDARRAY
Phased Array Waveguide	PHSDARYWVG
Pillbox	PILLBOX
Planar	PLANAR
Planar Array	PLANARARRAY
Radiac Cable	RADIAX
Reflector	REFLECTOR
Rhombic	RHOMBIC
Skeleton Slot	SKELTNSLOT
Slot	SLOT
Slot Array	SLOTARRAY
Slotted Waveguide	SLOTTDWWGD
Spiral	SPIRAL
Stacked Array	STACKDARRAY
Stacked Cross Dipole	STDCRSDDL
Stacked Dipole	STCKDIPOLE
Stacked Yagi	STACKDYAGI
Stub	STUB
Swastika	SWASTIKA
Symmetrical Tee	SYMMETRCTE
Tophat	TOPHAT
Turnstile	TURNSTILE
V Ring	VRING
Waveguide	WAVEGUIDE
Waveguide Array	WAVEGDARRAY
Whip	WHIP
Yagi	YAGI
Yagi Array	YAGIARRAY

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